

**ШВЕЙЦАРСКОЕ АГЕНТСТВО ПО МЕЖДУНАРОДНОМУ РАЗВИТИЮ И
СОТРУДНИЧЕСТВУ (SDC)**

**МЕЖГОСУДАРСТВЕННАЯ КООРДИНАЦИОННАЯ ВОДОХОЗЯЙСТВЕННАЯ
КОМИССИЯ
ЦЕНТРАЛЬНОЙ АЗИИ (МКВК)**

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**ПРОЕКТ «ИНТЕГРИРОВАННОЕ УПРАВЛЕНИЕ ВОДНЫМИ РЕСУРСАМИ В
ФЕРГАНСКОЙ ДОЛИНЕ (ИУВР-ФЕРГАНА)»**

ОТЧЕТ

«Разработка простых алгоритмов для оценки контролируемых параметров и основанных на них показателях для КЛИМАТИЧЕСКОГО БЛОКА БД»

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ТАШКЕНТ – 2009 г.

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ВВЕДЕНИЕ

Целью данного отчёта является предоставление алгоритма расчётов в области знаний «климат», на примере климатических данных метеостанции Фергана за период с 1970 г. по 2006г. По остальным областям знаний отчёты будут представлены в формате, описанном в данном отчёте.

В отчёте представлен алгоритм расчёта эвапотранспирации эталонной культуры на основе измеренных на метеостанции параметров по методу, описанному в ФАО-56 (Эвапотранспирация растений). Аналогичный подход использовался нами в проекте «Stop irrigation management for combating irrigation induced desertification in the Aral sea basin (CIRMAN-ARAL)» (Контракт: ICA2–СТ-2000–10039, 2000-2004 гг.) и используется в программе Профессора Луиса Перейры – “EVAPOT”.

Эвапотранспирация (ЕТ) - это сочетание двух отдельных процессов, при которых почва теряет воду через испарение, а растения - через транспирацию. Оба процесса, испарение и транспирация, происходят одновременно и их нелегко отличить. Кроме наличия влаги в почве, для почв, покрытых растительностью, важна часть солнечной радиации, достигающая поверхности. Эта часть уменьшается в вегетационный период, когда кроны растений затеняют все большую площадь. Пока растение маленькое, вода расходуется в основном на испарение с почвы, но по мере развития растение покрывает почти всю площадь и транспирация начинает преобладать (ФАО-56). При посеве почти 100% ЕТ идет через испарение, а при полном развитии растений почти 100% ЕТ идет через транспирацию.

Скорость эвапотранспирации обычно выражается в миллиметрах в единицу времени. Скорость выражает количество воды, потерянной с культивируемой площади в единицах толщины слоя воды (глубины). Единицей времени может быть час, день, декада, месяц или даже целиком вегетационный период.

Поскольку 1 га = 10000 м², а 1 мм = 0,001 м, потеря 1мм означает потерю 10 м³ воды с гектара. Другими словами, 1 мм/сутки эквивалентен 10 м³/га/сутки.

В качестве примера представлены графические материалы, которые могут быть получены на основе обработки климатической информации (Приложение 1).

В Приложении 2 представлены среднедекадные значения метеопараметров м/с «Фергана» за период с января 1970 по декабрь 2000, а в Приложении 3 среднесуточные значения метеопараметров за период с 1 января 2001 по 30 ноября 2006 по данным САНИГМИ.

В Приложении 4 приведен пример расчёта в форматах EXCEL эталонной эвапотранспирации ЕТ₀ для метеостанции «Фергана» (январь-декабрь, 2005) по алгоритмам, представленным в ФАО-56.

1. ЭТАЛОННАЯ ЭВАПОТРАНСПИРАЦИЯ (ET₀)

Скорость эвапотранспирации с эталонной поверхности без дефицита воды называется эталонной эвапотранспирацией и обозначается как ET₀. За эталонную поверхность принимается гипотетический травяной покров со специфическими характеристиками. Использование других определений, например, потенциальная ET не рекомендуется ввиду возможной путаницы.

Понятие эталонной эвапотранспирации было введено для изучения испарительной потребности атмосферы независимо от вида культур, а также практики их выращивания. Поскольку на эталонной поверхности вода имеется в изобилии, почвенные факторы не влияют на ET. Привязка ET к конкретной поверхности обеспечивает эталон, к которому можно привязать эвапотранспирацию с другой поверхности. Значения ET₀, измеренные и подсчитанные для различных мест или разных сезонов, являются сравнимыми, так как они привязываются к ET для одной и той же эталонной поверхности.

ET₀ является климатическим параметром и может быть подсчитана исходя из метеоданных. ET₀ выражает испаренную силу атмосферы в конкретной местности и для конкретного времени года и не зависит от сельхозкультур или типа почвы. Метод Пенмана-Монтейта рекомендован как единственный метод определения ET₀. Он был избран, поскольку он хорошо аппроксимирует ET₀ для травы в исследуемой местности к физически обоснованным и физиологическим и аэродинамическим параметрам.

Таким образом, эталонная эвапотранспирация ET₀ обеспечивает стандарт, с которым:

- можно сравнивать эвапотранспирацию в разные периоды года;
- можно соотнести эвапотранспирацию для других культур.

Климатические данные

Все климатические данные, представленные в отчёте, получены из САНИГМИ. *Необходимо помнить, что оперативные данные, не проверенные САНИГМИ, не являются основой для корректной обработки этих данных.*

Эвапориметр

Эвапориметр измеряет интегральное воздействие радиации, ветра, температуры и влажности по испарению с открытой водной поверхности. Хотя прибор реагирует одинаково на сходные климатические факторы, влияющие на транспирацию растениями, некоторые факты образуют существенную разницу в потере воды с водной поверхности и орошаемой площади. Отражение солнечной радиации водой в мелкой емкости может отличаться от 23%, принятых для эталонной травяной поверхности. Накопление тепла внутри емкости может вызвать существенное испарение в ночное время, в то время, как транспирация большинства растений происходит лишь в дневное время. Имеются различия и в турбулентности, температуре и влажности воздуха непосредственно над соответствующей поверхностью. Кроме того, имеет место передача тепла через стенки емкости, что влияет на энергетический баланс.

Для сопоставления рассчитанных значений ET₀ и данных по испарению измеренных на испарителе ГГИ-300 (обычно используемому на местных метеостанциях), аналогичном утопленному эвапориметру Колорадо необходимо ввести коэффициент редукции (E_{pan}) для ГГИ-300, зависящий от условий проведения измерений испарения. (таблица 1).

Испарение с эвапориметра соотносится с эталонной эвапотранспирацией через эмпирически определенный коэффициент эвапориметра:

$$ET_0 = K_p E_{pan} \quad (\text{уравнение 55, ФАО-56})$$

где:

ET₀ - эталонная эвапотранспирация [мм/сут];

K_p - коэффициент эвапориметра [-];
 E_{pan} - испарение из эвапориметра [мм/сут].

ТАБЛИЦА 1

Коэффициенты эвапориметра (K_p) для утепленных приборов Колорадо для различных случаев установки прибора и окружающей среды, а также различных уровней средней относительной влажности и скорости ветра (публикация ФАО № 24)

Колорадо	Случай А: прибор установлен на площадке с зеленой сельхозкультурой				Случай В: прибор установлен на сухих заброшенных землях (1)			
		низкий < 40	средний 40-70	высокий > 70		низкий < 40	средний 40-70	высокий > 70
RH_{mean} (%) □								
Скорость ветра (м/с)	Расстояние от земной культуры с подветренной стороны (м)				Расстояние от земной культуры с подветренной стороны (м)			
Слабый	1	0,75	0,75	0,8	1	1,1	1,1	1,1
< 2	10	1,0	1,0	1,0	10	0,85	0,85	0,85
	≥100	1,1	1,1	1,1	100	0,75	0,75	0,8
					1000	0,7	0,7	0,75
Умеренный	1	0,65	0,7	0,7	1	0,95	0,95	0,95
2-5	10	0,85	0,85	0,9	10	0,75	0,75	0,75
	≥100	0,95	0,95	0,95	100	0,65	0,65	0,7
					1000	0,6	0,6	0,65
Сильный	1	0,55	0,6	0,65	1	0,8	0,8	0,8
5-8	10	0,75	0,75	0,75	10	0,65	0,65	0,65
	≥100	0,8	0,8	0,8	100	0,55	0,6	0,65
					1000	0,5	0,55	0,6
Очень сильный	1	0,5	0,55	0,6	1	0,7	0,75	0,75
	10	0,65	0,7	0,7	10	0,55	0,6	0,65
> 8	≥100	0,7	0,75	0,75	100	0,5	0,55	0,6
					1000	0,45	0,5	0,55

Использование табличных данных может быть недостаточно для учета всех местных факторов, влияющих на K_p и тогда необходима подгонка к местным условиям. В связи с этим, рекомендуется соответствующая калибровка E_{pan} в отношении E_T , рассчитанной по методу Пенмана-Монтейта.

2. ПЕРЕЧЕНЬ ИЗМЕРЯЕМЫХ МЕТЕОПАРАМЕТРОВ

В таблице 2 и таблице 3 представлен перечень измеряемых метеопараметров, на основе которых рассчитывается ЕТо на основе среднедекадных (табл.2) или среднесуточных (табл.3) метеопараметров. В приложениях 2 и 3 представлены измеренные персоналом метеостанции и проверенные САНИГМИ метеопараметры по метеостанции «Фергана» за период 1970-2006 гг.

Высота метеостанции над уровнем моря равна 582 м, координаты: 40⁰23' с.ш., 71⁰45' в.д.

Таблица 2. **Перечень декадных метеопараметров**

(см. также Приложение 2, Таблица 1 *Период: январь, 1970 – декабрь, 2000*)

Параметры (на русском)	Параметры (на английском)	Единицы измерения
Год	Year	-
Месяц	Month	-
Декада	Decade	-
Максимальная температура воздуха	Tmax	[°C]
Минимальная температура воздуха	Tmin	[°C]
Средняя температура воздуха	Tav	[°C]
Осадки	Rainfall	[мм]
Продолжительность осадков (>1 мм)	duration of rainfall >1 mm	[дни/декада]
Количество дней с осадками	Number of days with rainfall	[дни]
Средняя относительная влажность воздуха	RH(av)	[%]
Скорость ветра (на высоте 2 м над поверхностью земли)	W/Speed	[м с ⁻¹]
Часы солнечного сияния	Sun Hours	[час]
Испарение с ГГИ 3000	Evaporation from GGI 3000	[мм/ декада]

Таблица 3. **Перечень суточных метеопараметров**

(см. также Приложение 3, Таблица 1 *Период: январь 1, 2001 – ноябрь 30, 2006*)

Параметры (на русском)	Параметры (на английском)	Единицы измерения
Год	Year	-
Месяц	Month	-
День	Day	-
Максимальная температура воздуха	Tmax	[°C]
Минимальная температура воздуха	Tmin	[°C]
Средняя относительная влажность воздуха	RH(av)	[%]
Скорость ветра (на высоте 2 м над поверхностью земли)	W/Speed	[м с ⁻¹]
Часы солнечного сияния	Sun Hours	[час]
Испарение с ГГИ 3000	Evaporation from GGI 3000	[мм/ декада]

3. АЛГОРИТМ РАСЧЁТА ЭВАПОТРАНСПИРАЦИИ ЭТАЛОННОЙ КУЛЬТУРЫ ПО МЕТОДУ ФАО-56.

Пример расчёта ET_0 в форматах программы Excel представлен в Приложении 4. В алгоритме расчёта использовались нижеприведенные формулы.

Расчёт эвапотранспирации эталонной культуры (ET_0 , мм сут⁻¹):

$$ET_0 = \frac{0.408\Delta(R_n - G) + \gamma \frac{900}{T + 273} u_2 (e_s - e_a)}{\Delta + \gamma(1 + 0.34u_2)}$$

здесь:

- ET_0 – эталонная эвапотранспирация (мм сут⁻¹);
- R_n – чистая радиация на поверхности растений (МДж м⁻² сут⁻¹);
- G – плотность теплового потока почвы (МДж м⁻² сут⁻¹);
- T – среднесуточная температура воздуха на высоте 2 м (°C);
- u_2 – скорость ветра на высоте 2 м (м с⁻¹);
- e_s – давление пара насыщения (кПа);
- e_a – фактическое давление (кПа);
- $(e_s - e_a)$ – дефицит давления пара насыщения (кПа);
- Δ – уклон кривой давления пара (кПа°C⁻¹);
- γ – психрометрическая постоянная (кПа°C⁻¹)

1. Атмосферное давление (P)

$$P = 101,3 \left(\frac{293 - 0,0065z}{293} \right)^{5,26} \quad (\text{уравнение 7 из ФАО-56})$$

где

- P - атмосферное давление [кПа];
- z - высота над уровнем моря [м].

2. Психрометрическая постоянная (γ)

$$\gamma = \frac{c_p P}{\varepsilon \lambda} = 0,665 \times 10^{-3} P \quad (\text{формула 8 из ФАО-56})$$

где

- γ - психрометрическая постоянная [кПа °C⁻¹];
- P - атмосферное давление [кПа];
- λ - скрытая теплота парообразования, 2,45 [МДж кг⁻¹];
- c_p - удельное тепло при постоянной температуре, $1,013 \times 10^{-3}$ [МДж кг⁻¹ °C⁻¹];
- ε - отношение молекулярных весов водяного пара и сухого воздуха = 0,622.

3. Средняя температура воздуха (T_{mean}) рассчитывается, как:

$$T_{mean} = \frac{T_{max} + T_{min}}{2} \quad (\text{уравнение 9 из ФАО-56})$$

4. Среднее давление пара насыщения (e_s)

$$e^0(T) = 0,6108 \exp \left[\frac{17,27 T}{T + 237,3} \right] \quad (\text{уравнение 11 из ФАО-56})$$

где

- $e^0(T)$ - давление пара насыщения при температуре T [кПа];
- T - температура воздуха [°C];
- $\exp [\dots]$ - 2,7183 (основание натурального логарифма в степени [...]).

Ввиду нелинейности уравнения (11), среднее давление пара насыщения для суток, недели, декады или месяца должно рассчитываться как среднее между давлением пара насыщения и среднесуточной максимальной и минимальной температурой воздуха для данного периода:

$$e_s = \frac{e^0(T_{\max}) + e^0(T_{\min})}{2} \quad (\text{уравнение 12 из ФАО-56})$$

5. Уклон кривой давления пара (Δ)

$$\Delta = \frac{4098 \left[0,6108 \exp\left(\frac{17,27T}{T + 237,3}\right) \right]}{(T + 237,3)^2} \quad (\text{уравнение 13 из ФАО-56})$$

где

Δ - уклон кривой давления пара насыщения при температуре воздуха

T [кПа °C⁻¹];

T - температура воздуха [°C];

$\exp[...]$ - 2,7183 (основание натурального логарифма в степени [...]).

В уравнении Пенмана-Монтейта, где Δ находится и в числителе, и в знаменателе, он рассчитывается с использованием средней температуры воздуха (T_{mean}).

6. Дефицит давления пара ($e_a - e_s$)

7. Внеземная радиация для дневного периода (R_a)

$$R_a = \frac{24(60)}{\pi} G_{sc} d_r [\omega_s \sin(\varphi) + \cos(\varphi) \cos(\delta) \cos(\omega_s)] \quad (\text{уравнение 21, ФАО-56})$$

R_a - внеземная радиация [МДж м⁻² сут⁻¹];

G_{sc} - солнечная постоянная = 0,0820 МДж м⁻² мин⁻¹;

d_r - обратное относительное расстояние Земля-Солнце (уравнение 23);

ω_s - угол на закате [рад] (уравнение 25 или 26);

φ - широта [рад] (уравнение 22);

δ - солнечное наклонение [рад] (уравнение 24).

Преобразование из десятичных градусов в радианы производится по формуле:

$$[\text{Радианы}] = \frac{\pi}{180} [\text{десятичные градусы}] \quad (\text{уравнение 22, ФАО-56})$$

Обратное относительное расстояние Земля-Солнце d_r и солнечное наклонение δ равны:

$$d_r = 1 + 0,033 \cos\left(\frac{2\pi}{365} J\right) \quad (\text{уравнение 23, ФАО-56})$$

$$\delta = 0,409 \sin\left(\frac{2\pi}{365} J - 1,39\right) \quad (\text{уравнение 24, ФАО-56})$$

где J - количество дней в году между 1 (1 января) и 365 или 366 (31 декабря), значения J для всех дней в году и уравнение для определения J даны в приложении 2 (табл. 2.5).

Угол на закате ω_s равен

$$\omega_s = \arccos[-\text{tg}(\varphi)\text{tg}(\delta)] \quad (\text{уравнение 25, ФАО-56})$$

Поскольку функция \arccos присутствует не во всех компьютерных языках, угол заката может быть рассчитан с использованием функции \arctg :

$$\omega_s = \frac{\pi}{2} - \arctg \left[\frac{-\operatorname{tg}(\varphi)\operatorname{tg}(\delta)}{X^{0,5}} \right] \quad (\text{уравнение 26, ФАО-56})$$

где

$$X = 1 - [\operatorname{tg}(\varphi)]^2 [\operatorname{tg}(\delta)]^2 \quad (\text{уравнение 27, ФАО-56})$$

и $X = 0,00001$ если $X \leq 0$

8. *Внеземная радиация для часовых или более коротких периодов (R_a)*

$$R_a = \frac{12(60)}{\pi} G_{sc} d_r [(\omega_2 - \omega_1) \sin(\varphi) \sin(\delta) + \cos(\varphi) \cos(\delta) (\sin(\omega_2) - \sin(\omega_1))] \quad (\text{уравнение 28, ФАО-56})$$

где

R_a - внеземная радиация в течение часа (или более короткого) периода [МДж м⁻² сут⁻¹];

G_{sc} - солнечная постоянная = 0,0820 МДж м⁻² мин⁻¹;

d_r - обратное относительное расстояние Земля-Солнце (ур-е 23);

δ - солнечное наклонение [рад] (ур-е 24);

φ - широта [рад] (ур-е 22);

ω_1 - угол солнечного времени на начало периода [рад] (ур-е 29);

ω_2 - угол солнечного времени на конец периода [рад] (ур-е 30).

Углы солнечного времени на начало и конец периода равны, соответственно:

$$\omega_1 = \omega - \frac{\pi t_1}{24} \quad (\text{уравнение 29, ФАО-56})$$

$$\omega_2 = \omega + \frac{\pi t_1}{24} \quad (\text{уравнение 30, ФАО-56})$$

где

ω - угол солнечного времени в середине часового (или более короткого) периода [рад];

t_1 - продолжительность расчетного периода [час], т. е. 1 для 1 часа и 0,5 для 30 минут.

Угол солнечного времени на середину периода равен:

$$\omega = \frac{\pi}{12} [(t + 0,06667(L_z - L_m) + S_c) - 12] \quad (\text{уравнение 31, ФАО-56})$$

где

t - стандартное время в середине периода [час]. Например, для периода между 14.00 и 15.00 $t = 14,5$;

L_z - долгота центра зоны местного времени [градусы к западу от Гринвича].

Например, $L_z = 75, 90, 105$ и 120^0 для Восточной, Центральной, Роки Маунтин и Тихоокеанской временных зон (США) и $L_z = 0^0$ для Гринвича, 330^0 для Каира (Египет) и 255^0 для Бангкока (Таиланд);

L_m - долгота площади измерения [градусы к западу от Гринвича];

S_c - сезонная коррекция солнечного времени [час].

Конечно, $\omega < -\omega_s$ или $\omega > \omega_s$ из уравнения (31) показывают, что Солнце находится за горизонтом и R_a равно 0.

Сезонная коррекция солнечного времени

$$S_c = 0,1645 \sin(2b) - 0,1255 \cos(b) - 0,025 \sin(b) \quad (\text{уравнение 32, ФАО-56})$$

$$b = \frac{2\pi(J - 81)}{364} \quad (\text{уравнение 33, ФАО-56})$$

где J - количество дней в году.

9. Часы дневного света (N)

$$N = \frac{24}{\pi} \omega_s \quad (\text{уравнение 34, ФАО-56})$$

где ω_s - угол часа заката Солнца в радианах из уравнения 25 и 26.

10. Солнечная радиация (R_s)

$$R_s = \left(a_s + b_s \frac{n}{N} \right) R_a \quad (\text{уравнение 35, ФАО-56})$$

где

R_s - солнечная или коротковолновая радиация [$\text{МДж м}^{-2} \text{сут}^{-1}$];

n - фактическая продолжительность солнечного сияния [час];

N - максимально возможная продолжительность солнечного сияния или часов дневного света [час];

n/N - относительная продолжительность солнечного сияния [-];

R_a - внеземная радиация [$\text{МДж м}^{-2} \text{сут}^{-1}$];

a_s - постоянная регрессии, выражающая часть внеземной радиации, достигающую Земли в облачные дни (n = 0);

$a_s + b_s$ - часть внеземной радиации, достигающая Земли в ясные дни (n = N).

11. Солнечная радиация в ясную погоду (R_{so})

Расчет R_{so} при n = N необходим для определения чистой длинноволновой радиации.

- При высоте, близкой к уровню моря, или когда имеются калиброванные величины a_s и b_s :

$$R_{so} = (a_s + b_s) R_a \quad (\text{уравнение 36, ФАО-56})$$

где

R_{so} - солнечная радиация в ясную погоду, [$\text{МДж м}^{-2} \text{сут}^{-1}$];

$a_s + b_s$ - часть внеземной радиации, достигающая Земли в ясные дни (n = N).

- Когда калиброванные величины a_s и b_s отсутствуют:

$$R_{so} = (0,75 + 2 \cdot 10^{-5} z) R_a \quad (\text{уравнение 37, ФАО-56})$$

где

z - высота над уровнем моря, [м].

Другие, более сложные определения R_{so} , включающие эффект водных паров и затененности, обсуждаются в приложении 3 (уравнения 3.14 и 20).

Чистая солнечная или чистая коротковолновая радиация (R_{ns})

Чистая коротковолновая радиация, получаемая из баланса между приходящей и отраженной солнечной радиацией, равна:

$$R_{ns} = (1 - \alpha) R_s \quad (\text{уравнение 38, ФАО-56})$$

где
 R_{ns} - чистая солнечная или коротковолновая радиация [МДж м⁻² сут⁻¹];
 α - альbedo или коэффициент отражения кроны, равный 0,23 для гипотетической эталонной травяной поверхности [-];
 R_s - приходящая солнечная радиация [МДж м⁻² сут⁻¹].

12. Чистая длинноволновая радиация (R_{nl})

$$R_{nl} = \sigma \left[\frac{T_{\max,K}^4 + T_{\min,K}^4}{2} \right] \left(0,34 - 0,14\sqrt{e_a} \right) \left(1,35 \frac{R_s}{R_{so}} - 0,35 \right) \quad (\text{уравнение 39, ФАО-56})$$

где
 R_{nl} - чистая исходящая длинноволновая радиация [МДж м⁻² сут⁻¹];
 σ - постоянная Стефана-Больцмана [4,903 10⁻⁹ МДж К⁻⁴ м⁻² сут⁻¹];
 $T_{\max,K}$ - максимальная абсолютная температура в течение 24-часового периода [К = °С + 273,16];
 $T_{\min,K}$ - минимальная абсолютная температура в течение 24-часового периода [К = °С + 273,16];
 e_a - фактическое давление пара [кПа];
 R_s/R_{so} - относительная коротковолновая радиация (ограничена значением $\leq 1,0$);
 R_s - измеренная или расчетная (ур-е 35) солнечная радиация [МДж м⁻² сут⁻¹];
 R_{so} - расчетная (ур-е 36 или 37) радиация для ясного неба [МДж м⁻² сут⁻¹].

13. Чистая радиация (R_n)

$$R_n = R_{ns} - R_{nl} \quad (\text{уравнение 40, ФАО-56})$$

14. Почвенный тепловой поток (G)

$$G = c_s \frac{T_i + T_{i-1}}{\Delta t} \Delta z \quad (\text{уравнение 41, ФАО-56})$$

где
 G - почвенный тепловой поток [МДж м⁻² сут⁻¹];
 c_s - тепловая емкость почвы [МДж м⁻³ °С⁻¹];
 T_i - температура воздуха во время i [°С];
 T_{i-1} - температура воздуха во время $i-1$ [°С];
 Δt - продолжительность временного интервала [сут];
 Δz - эффективная глубина почвы [м].

• **Для суточного и 10-дневного периодов:**

Поскольку амплитуда теплового потока в течение 1 или 10 дней для эталонной травяной поверхности относительно мала, ею можно пренебречь и тогда:

$$G_{day} \approx 0 \quad (\text{уравнение 42, ФАО-56})$$

Далее приведены примеры определения ЕТо по среднесуточным (пример 1) и среднедекадным-среднemesячным (пример 2) метеопараметрам.

ПРИМЕР 1 (ФАО-56)			
Определение ET_0 по суточным данным			
Даны метеорологические данные, измеренные в июле в Брюсселе (Бельгия), расположенном на $50^{\circ}48'$ с. ш. на высоте 100 м над уровнем моря.			
-	максимальная температура воздуха (T_{max}) =	21,5	$^{\circ}C$
-	минимальная температура воздуха (T_{min}) =	12,3	$^{\circ}C$
-	максимальная относительная влажность (RH_{max}) =	84	%
-	минимальная относительная влажность (RH_{min}) =	63	%
-	скорость ветра на высоте 10 м =	10	км/ч
-	продолжительность солнечного сияния (n) =	9,25	час/сут
Преобразование скорости ветра			
стандартной высоте	Скорость ветра u_2	2,078	м/с
Параметры			
Из ур-я 7:	Высота =	100	м
	$P =$	100,1	кПа
-	$T_{mean} = (21,5 + 12,3)/2 =$	16,9	$^{\circ}C$
Из ур-я 13:	$T_{mean} =$	16,9	$^{\circ}C$
	$\Delta =$	0,122	кПа/ $^{\circ}C$
Из ур-я 8:	$P =$	100,1	кПа
	$\gamma =$	0,0666	кПа/ $^{\circ}C$
-	$(1 + 0,34 u_2) =$	1,71	-
-	$\Delta/[\Delta + \gamma (1 + 0,34 u_2)] =$ $0,122/[0,122 + 0,0666 (1,71)] =$	0,518	-
-	$\gamma/[\Delta + \gamma (1 + 0,34 u_2)] =$ $0,0666/[0,122 + 0,0666 (1,71)] =$	0,282	-
-	$900/(T_{mean}+273) u_2 =$	6,450	-
Дефицит давления пара			
Из ур-я 11:	$T_{max} =$	21,5	$^{\circ}C$
	$e^{\circ}(T_{max}) =$	2,564	кПа
Из ур-я 11:	$T_{min} =$	12,3	$^{\circ}C$
	$e^{\circ}(T_{min}) =$	1,431	кПа
-	$e_s = (2,564 + 1,431) =$	1,997	кПа
относительн. влажность:	$RH_{max} =$	84	%
	$RH_{min} =$	63	%
	$e_a = [1,431 (0,84) + 2,564 (0,63)]/2 =$	1,409	кПа
-	Дефицит давления пара ($e_s - e_a$) = $(1,997 - 1,409) =$	0,589	кПа
Радиация			
Из табл. 2.5:	Месяц = 7, день = 6		
	$J =$	187	-
Из ур-я 21:	Широта = $50^{\circ}48'$ с. ш. =	50,80	$^{\circ}$ с. ш.
	$J =$	187	-
	$R_a =$	41,09	МДж $m^{-2}сут^{-1}$
Из ур-я 34:	Широта = $50^{\circ}48'$ с. ш. =	50,80	$^{\circ}$ с. ш.
	$J =$	187	-
	$N =$	16,1	час
	$n/N = 9,25/16,3 =$	0,57	-
Из ур-я 35:	$R_s = [0,25 + 0,50 (0,57)] 41,09 =$	22,07	МДж $m^{-2}сут^{-1}$
Из ур-я 37:	$R_{so} = (0,75 + 2 (100)/100 000) 41,09 =$	30,90	МДж $m^{-2}сут^{-1}$
-	$R_s/R_{so} =$	0,71	-
Из ур-я 38:	$R_{ns} = 0,77 (22,07) =$	17,00	МДж $m^{-2}сут^{-1}$
-	$T_{max} =$	21,5	$^{\circ}C$
-	$T_{max,K} = 21,5 + 273,16 =$	294,7	К
-	$\sigma T_{max,K}^4 =$	36,96	МДж $m^{-2}сут^{-1}$
-	$T_{min} =$	12,3	$^{\circ}C$
-	$T_{min,K} = 12,3 + 273,16 =$	285,5	К
-	$\sigma T_{min,K}^4 =$	32,56	МДж $m^{-2}сут^{-1}$
-	$(\sigma T_{max,K}^4 + \sigma T_{min,K}^4)/2 = (36,96 + 32,56)/2 =$	34,76	МДж $m^{-2}сут^{-1}$

-	$(0,34 - 0,14 \sqrt{e_a}) =$	0,17	-
-	$(1,35 R_s/R_{so} - 0,35) =$	0,61	-
-	$R_{nl} = 34,76 (0,17) 0,61 =$	3,71	МДж м ⁻² сут ⁻¹
-	$R_n = (17,00 - 3,71) =$	13,28	МДж м ⁻² сут ⁻¹
-	$G =$	0	МДж м ⁻² сут ⁻¹
-	$(R_n - G) = (13,28 - 0) =$	13,28	МДж м ⁻² сут ⁻¹
-	$0,408 (R_n - G) =$	5,42	мм/сут
Эталонная эвапотранспирация травы			
-	$0,408 (R_n - G) \Delta / [\Delta + \gamma (1 + 0,34 u_2)] =$	2,81	мм/сут
-	$900 / (T+273) (e_s - e_a) \gamma / [\Delta + \gamma (1 + 0,34 u_2)] =$	1,07	мм/сут
-	$ET_o = 2,81 + 1,07 = 3,88 \approx$	3,9	мм/сут
Эталонная эвапотранспирация травы равна 3,9 мм/сут			

ПРИМЕР 2 (ФАО-56)

Определение ET₀ по десятидневным или месячным временным интервалам.

Даны средние месячные климатические данные для апреля для Бангкока (Филиппины), расположенного на 13°44' с. ш. на высоте 2 м над уровнем моря.

-	Месячная среднесуточная максимальная температура (T _{max}) =	34,8	°C
-	Месячная среднесуточная минимальная температура (T _{min}) =	25,5	°C
-	Месячное среднесуточное давление пара (e _a) =	2,85	кПа
Измеренная на высоте 2 м	Месячная среднесуточная скорость ветра (u ₂) =	2	м/с
-	Месячная среднесуточная продолжительность солнечного сияния (n) =	8,5	час/сут
Для апреля	Среднемесячная температура (T _{month,i}) =	30,2	°C
Для марта	Среднемесячная температура (T _{month,i-1}) =	29,2	°C
Определение по описанию в боксе 11 (расчетная таблица ET₀)			
Параметры			
-	$T_{mean} = [(T_{max} = 34,8) + (T_{min} = 25,6)]/2 =$	30,2	°C
Из табл. 2.4 или ур-я 13:	$\Delta =$	0,246	кПа/°C
Из табл. 2.1 и 2.2 или ур-й 7 и 8:	Высота =	2	м
	P =	101,3	кПа
	$\gamma =$	0,0674	кПа/°C
-	$(1 + 0,34 u_2) =$	1,68	-
-	$\Delta / [\Delta + \gamma (1 + 0,34 u_2)] = 0,246 / [0,246 + 0,0674 (1,68)] =$	0,685	-
-	$\gamma / [\Delta + \gamma (1 + 0,34 u_2)] = 0,0667 / [0,246 + 0,0674 (1,68)] =$	0,188	-
-	$900 / (T_{mean} + 273) u_2 =$	5,94	-
Дефицит давления пара			
Из табл. 2.3 или ур-я 11:	$T_{max} =$	34,8	°C
	$e^0(T_{max}) =$	5,56	кПа
Из табл. 2.3 или ур-я 11:	$T_{min} =$	25,6	°C
	$e^0(T_{min}) =$	3,28	кПа
-	$e_s = (5,56 + 3,28)/2 =$	4,42	кПа
дано:	$e_a =$	2,85	кПа
-	Дефицит давления пара (e _s - e _a) = (4,42 - 2,85) =	1,57	кПа
Радиация (месяц - апрель)			
Из табл. 2.6 или 2.5 или ур-я 21:	J = (для 15 апреля) Широта = 13°44' с. ш. = (13 + 44/60) = R _a =	105 13,73 38,06	- °с. ш. МДж м ⁻² сут ⁻¹
N (табл. 2.7 или ур-е 34):	Продолжительность дня N =	12,31	час
-	$n/N = (8,5/12,31) =$	0,69	-
-	$R_s = [0,25 + 0,50 (0,69)] 38,06 =$	22,65	МДж м ⁻² сут ⁻¹
-	$R_{so} = (0,75 + 2 (2)/100 000) 38,06 =$	28,54	МДж м ⁻² сут ⁻¹
-	$R_s/R_{so} = (22,65/28,54) =$	0,79	-

-	$R_{ns} = 0,77 (22,65) =$	17,44	МДж м ⁻² сут ⁻¹
Из табл. 2.8:	$T_{max} =$	34,8	°С
	$\sigma T_{max,K}^4 =$	44,10	МДж м ⁻² сут ⁻¹
Из табл. 2.8:	$T_{min} =$	25,6	°С
	$\sigma T_{min,K}^4 =$	39,06	МДж м ⁻² сут ⁻¹
-	$(\sigma T_{max,K}^4 + \sigma T_{min,K}^4)/2 = (44,10 + 39,06)/2 =$	41,58	МДж м ⁻² сут ⁻¹
-	$e_a =$	2,85	кПа
-	$(0,34 - 0,14 \sqrt{e_a})$	0,10	-
-	$R_s/R_{so} =$	0,79	-
-	$(1,35 R_s/R_{so} - 0,35) =$	0,72	-
-	$R_{nl} = 41,58 (0,10) 0,72 =$	3,11	МДж м ⁻² сут ⁻¹
-	$R_n = (17,44 - 3,11) =$	14,33	МДж м ⁻² сут ⁻¹
-	$G = 0,14 (30,2 - 29,2) =$	0,14	МДж м ⁻² сут ⁻¹
-	$(R_n - G) = (14,33 - 0,14) =$	14,19	МДж м ⁻² сут ⁻¹
-	$0,408 (R_n - G) =$	5,79	мм/сут
Эталонная эвапотранспирация травы			
-	$0,408 (R_n - G) \Delta / [\Delta + \gamma (1 + 0,34 u_2)] =$		
-	$(5,79) 0,685 =$	39,7	мм/сут
-	$900 u_2 / (T + 273) (e_s - e_a) \gamma / [\Delta + \gamma (1 + 0,34 u_2)] =$		
-	$5,94 (1,57) 0,188 =$	1,75	мм/сут
-	$ET_o = (3,97 + 1,75) =$	5,72	мм/сут
Эталонная эвапотранспирация травы равна 5,7 мм/сут			

Графическое представление климатических данных по метеостанции «Фергана»

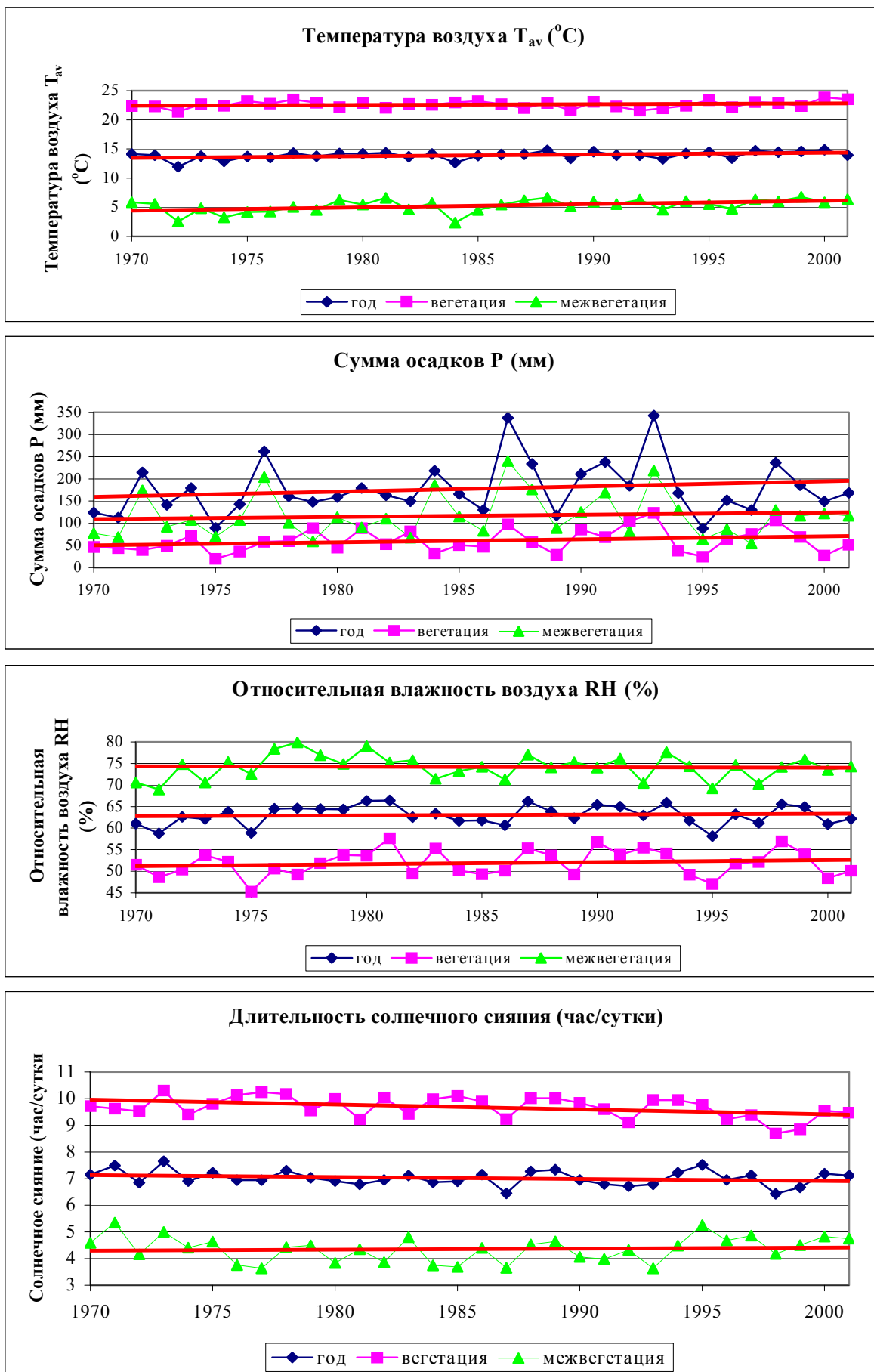


Рис. 1а. Динамика изменения основных метеопараметров (м/с «Фергана» 1970-2001 гг.)

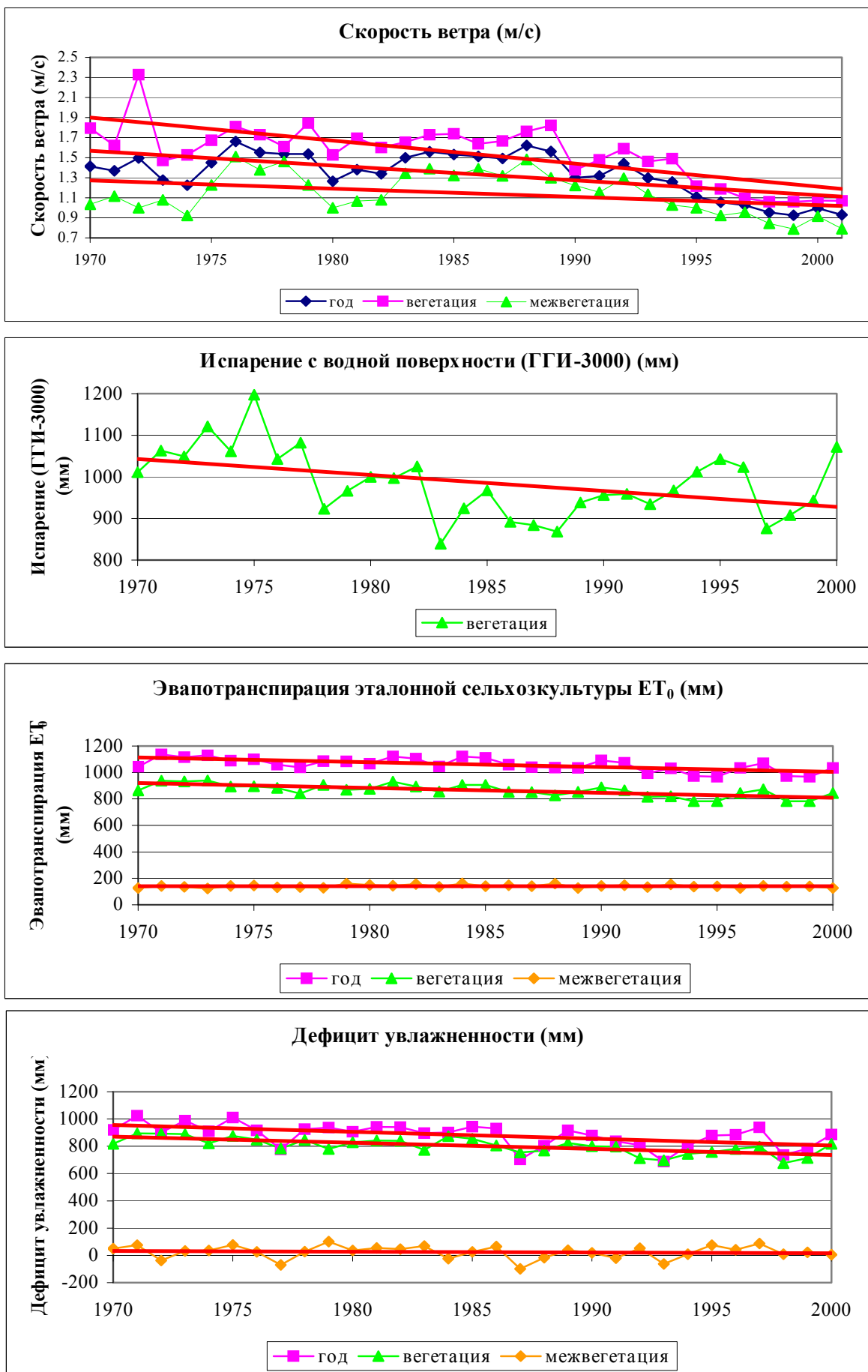


Рис. 2в. Динамика изменения основных метеопараметров (м/с «Фергана» 1970-2001 гг.)

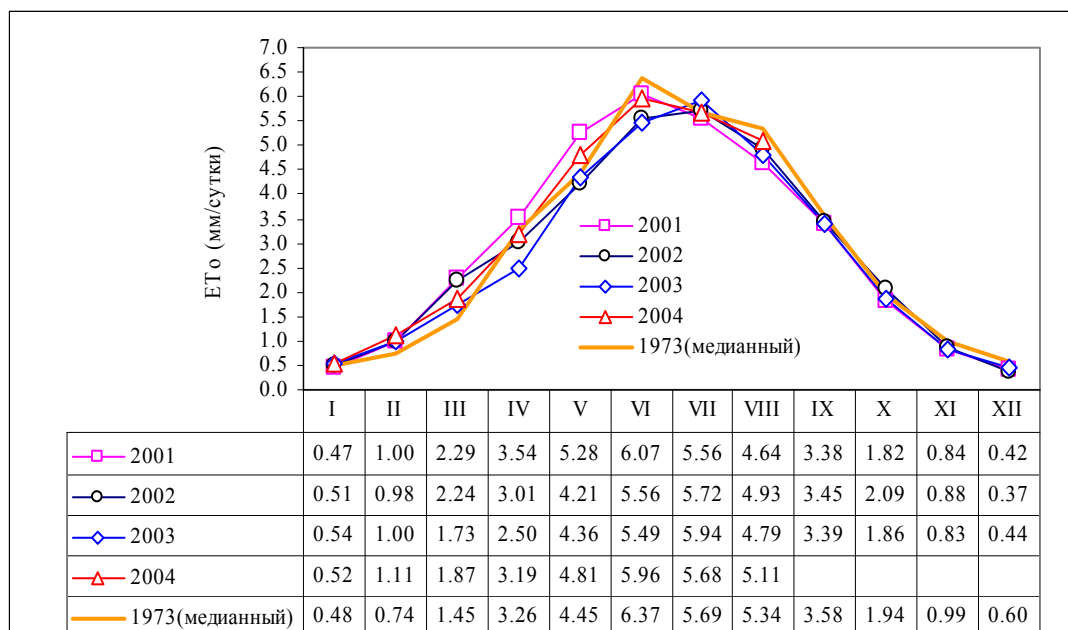


Рис.3. Динамика эвапотранспирации эталонной сельхозкультуры в период 2001-2004гг

Дефицит увлажнения

Дефицит увлажнения (Рис.4, таблица 1) представлен разностью между эвапотранспирацией эталонной сельхозкультуры и атмосферными осадками:

$$D_{\text{wet}} = ET_0 - P$$

где: D_{wet} – дефицит увлажнения; ET_0 суммарная эвапотранспирация; P –атмосферные осадки.

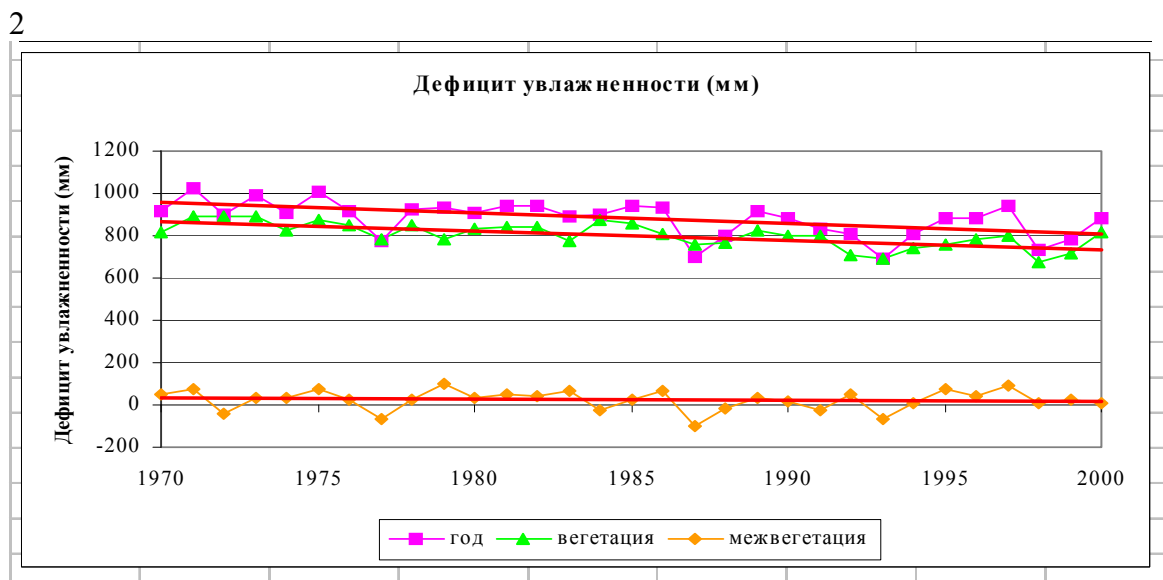


Рис.4 Дефицит увлажнённости [мм] за период 1970-2000 гг.

Таблица 1 - Характеристика дефицита увлажненности на основе данных метеостанции «Фергана» за период 1970-2003 гг.

Год	Дефицит увлажненности (период IV-IX)	Эвапотранспирация эталонной сельхозкультуры (период IV-IX)	Атмосферные осадки (период IV-IX)
	Dwet	ЕТо	P
	мм	мм	мм
1970	853	899	46
1971	845	889	44
1972	866	906	40
1973	827	876	49
1974	793	865	72
1975	919	939	20
1976	898	933	36
1977	881	939	58
1978	833	893	60
1979	807	895	89
1980	838	884	45
1981	753	842	89
1982	853	906	53
1983	787	868	82
1984	843	875	32
1985	881	931	51
1986	846	893	47
1987	758	855	97
1988	848	906	58
1989	877	906	29
1990	768	853	86
1991	784	852	68
1992	722	826	105
1993	729	853	124
1994	849	887	38
1995	841	866	25
1996	751	816	65
1997	744	819	76
1998	676	782	107
1999	714	783	69
2000	818	845	27
2001	818	869	52
2002	731	821	90
2003	653	809	156

Используя аналогичный, как при оценке водообеспеченности, подход можно определить характерные годы обеспеченности дефицита увлажненности из ряда 1970-2004 гг. (рисунки 5 и 6) и (таблица 2).

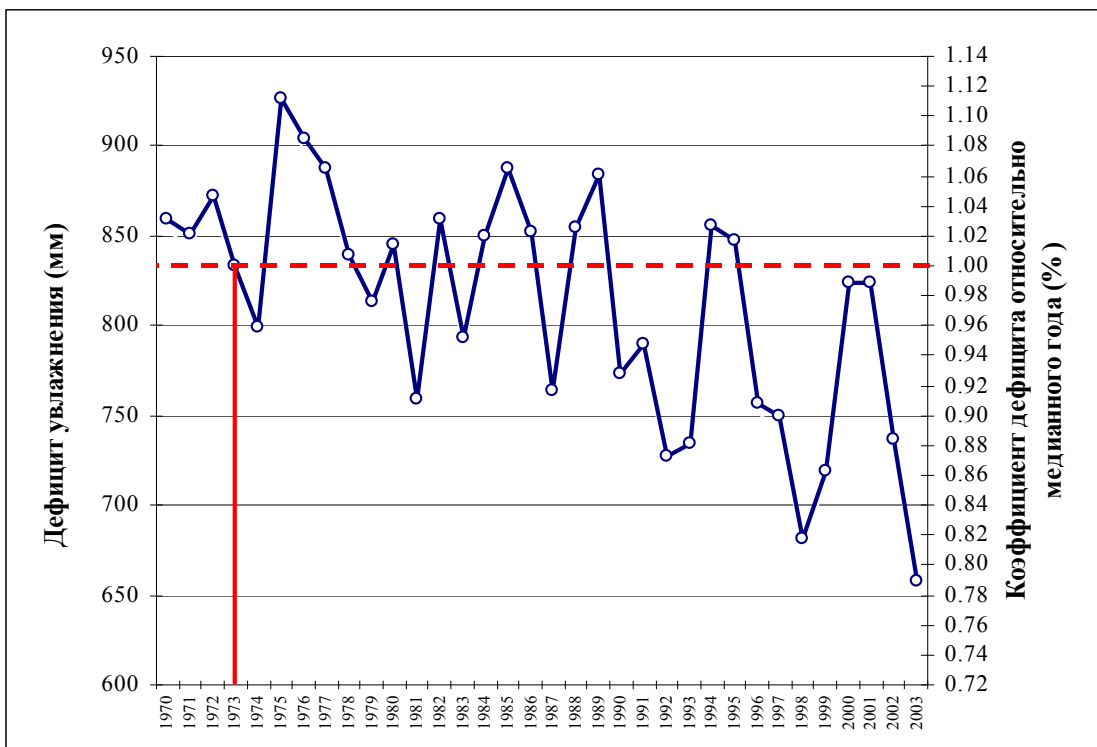


Рисунок 5 - Дефицит увлажненности и коэффициент дефицита относительно медианного года (хронология)

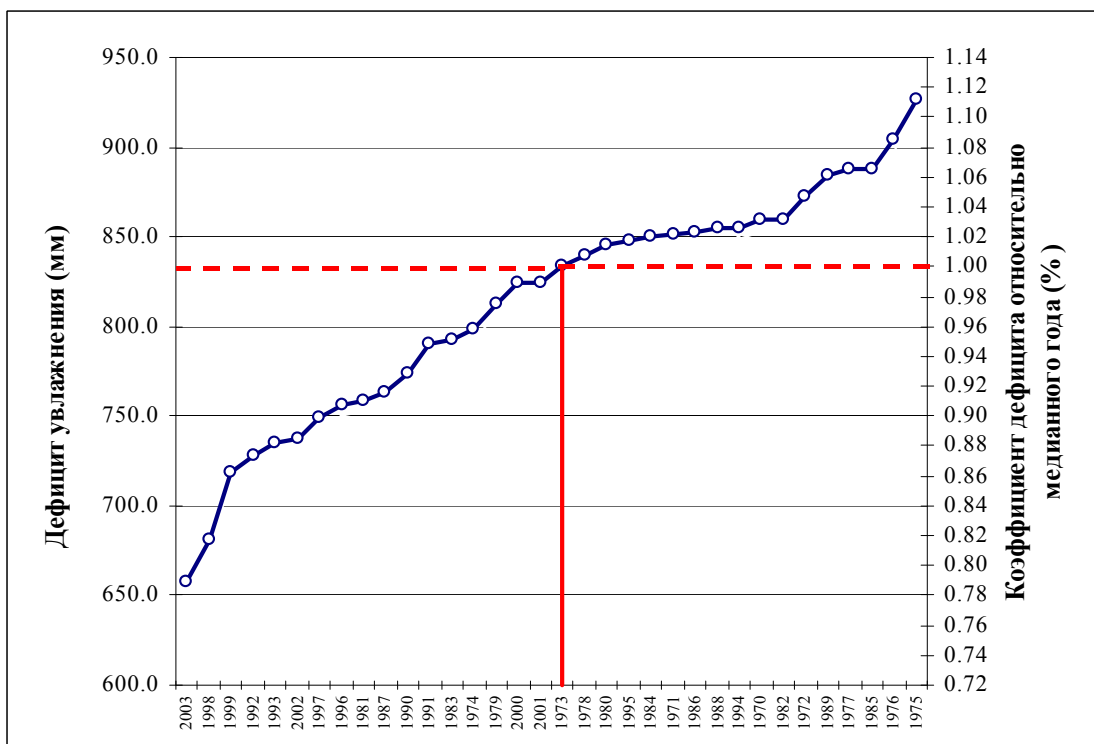


Рисунок 6 - Дефицит увлажненности и коэффициент дефицита относительно медианного года (ранжирование)

Таким образом, медианным годом по увлажненности в период 1970-2004 гг. являлся 1973 г., очень засушливым – 1975 г. и очень влажным – 2003 г. (таблица 2 и рисунок 7).

Таблица 2- Характеристика лет разной обеспеченности дефицита увлажненности

Год	Дефицит увлажненности в период вегетации	m	$p_m(\%)$	Характеристика лет разной обеспеченности	Коэффициент уменьшения/увеличения дефицита относительно медианного года
	мм		%		
1975	919	1	1	очень сухой	0.89
1976	898	2	4	сухой	0.91
1994	849	9	25	средней сухости	0.97
1973	827	17	49	медианный	1.00
1981	753	26	75	средней влажности	1.09
1998	676	33	96	влажный	1.18
2003	653	34	99	очень влажный	1.21

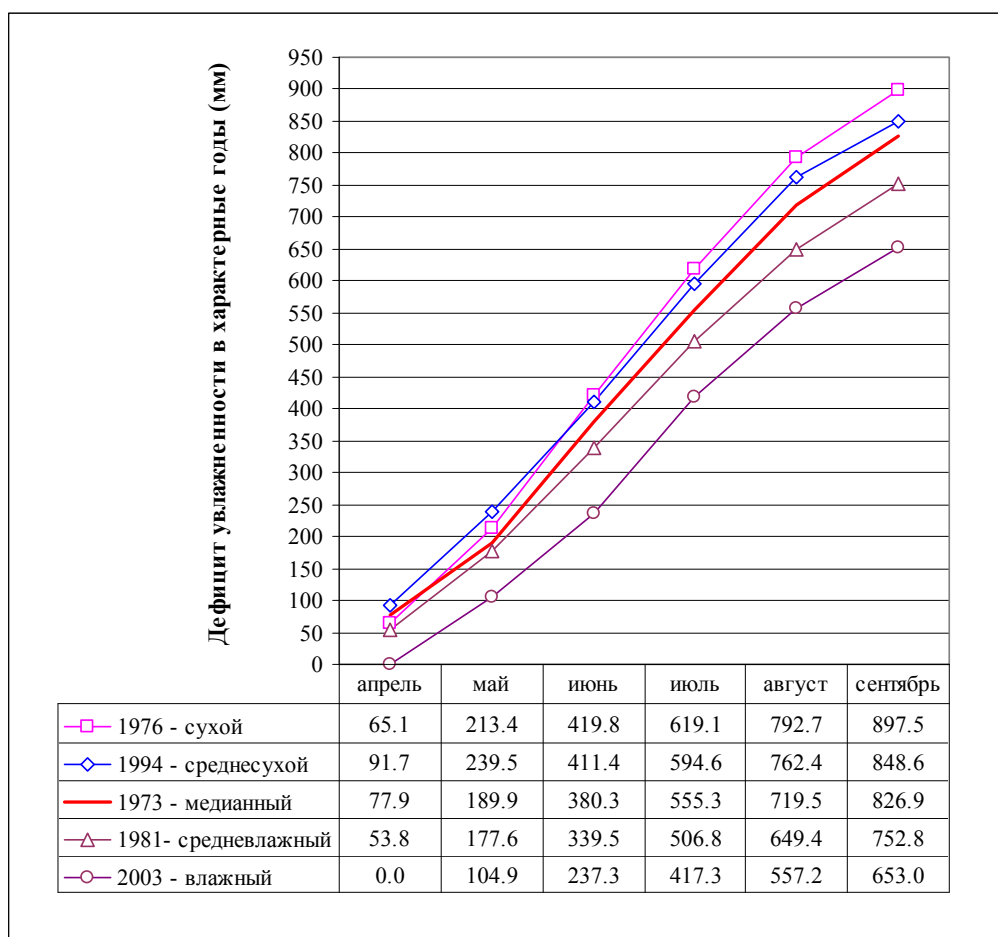


Рисунок 7 - Дефицит увлажненности в характерные годы (период 1970-2003)

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1970	1	1	1.4	5.4	-0.7	3	1	6	78	0.8	19	
1970	1	2	-1.3	2.1	-3.4	0.6	0	2	86	0.7	15	
1970	1	3	0.3	5.3	-2.7	2	1	2	73	1.2	36	
1970	2	1	3.8	9.9	-0.5	0	0	1	72	1	51	
1970	2	2	8.3	15.1	3.7	0	0	1	68	1.2	42	
1970	2	3	4.8	9.8	1.1	1	0	4	66	1.6	25	
1970	3	1	5.5	11.9	0.2	6.5	1	1	61	1.4	57	
1970	3	2	6.2	11.6	1.7	14.4	1	2	67	1.4	52	15
1970	3	3	11.7	18	6.9	8.9	2	4	65	1.6	72	21
1970	4	1	18.2	25.9	11.3	0.3	0	3	57	1.8	83	16
1970	4	2	17.5	23.4	12.2	6.4	2	4	67	1.9	57	19
1970	4	3	15.3	19.8	11.6	3.9	3	6	65	2.1	36	29
1970	5	1	18.4	25.3	11.9	6.2	2	3	57	1.6	78	33
1970	5	2	22.6	31.1	14.7	0.7	0	3	51	1.5	110	46
1970	5	3	23.5	31.7	15.9	4.5	1	4	47	2.1	133	73
1970	6	1	25	32.4	17.6		0	0	30	3	122	93
1970	6	2	21.9	30	14.5	8.2	2	3	51	2.3	98	62
1970	6	3	28	35.7	20.4		0	0	46	3.4	124	87
1970	7	1	25.8	32.9	19.1	0	0	4	47	1.6	90	73
1970	7	2	25.2	32.3	18.5	2.4	2	4	54	2	95	64
1970	7	3	25.6	33.4	18.8	4.5	1	4	53	1.8	125	72
1970	8	1	26	32.7	20.1	6.1	3	5	53	1.6	98	63
1970	8	2	25.5	33.6	18.1	0	0	1	47	0.9	124	72
1970	8	3	25.5	33.8	17.8		0	0	44	1.5	98	72
1970	9	1	22.2	31.2	14.2		0	0	47	0.9	114	55
1970	9	2	18.6	25.6	12.3	3.2	1	2	55	1.4	89	45
1970	9	3	18.1	27.4	10.6		0	0	56	0.9	108	37
1970	10	1	17	26.3	9.6		0	0	56	0.7	97	35
1970	10	2	13.5	20.1	8.8	2.3	1	4	63	1	51	25
1970	10	3	10.1	17.7	4.8	1.6	1	1	67	0.8	80	21
1970	11	1	12.5	19.8	7	0	0	1	68	1.1	72	19
1970	11	2	6.6	13.2	2.1	0.6	0	1	67	1.1	46	16
1970	11	3	3.6	9.8	-0.7	2	1	2	70	0.6	39	3
1970	12	1	5.5	10.6	2.2	4	2	2	80	0.7	33	
1970	12	2	-0.5	4.6	-3.8	25.5	3	5	82	0.8	28	
1970	12	3	-3.8	0.9	-7.2	5.1	1	3	81	0.9	24	
1971	1	1	-2.3	4.1	-6.4	0	0	1	70	0.8	41	
1971	1	2	-6	2.5	-10	13.9	2	4	77	1.2	42	
1971	1	3	-9.3	-1.7	-14.4	0	0	1	74	0.6	71	
1971	2	1	-2.1	3.8	-6.3	0	0	1	74	0.7	50	
1971	2	2	2.3	6.5	-0.9	6	1	4	77	0.8	22	
1971	2	3	3.9	8	0.4	8.8	1	3	78	1.1	28	
1971	3	1	4.5	9.4	0.4	7.6	2	3	76	1.7	58	11
1971	3	2	12.5	20.2	6.3		0	0	68	0.9	72	17
1971	3	3	13.7	20.2	8.6	2	1	4	60	1.5	68	30
1971	4	1	13.2	19.3	8.4	7.3	2	5	67	1.7	55	33
1971	4	2	17.3	24.9	11	9.7	2	2	57	1.6	76	33
1971	4	3	16.9	22.4	12.2	7.8	1	4	70	1.8	50	26
1971	5	1	20.1	27.2	13.6	1.1	0	3	47	1.8	106	53
1971	5	2	22.2	29.1	15.8	1.4	0	5	42	2.2	84	59
1971	5	3	23.4	31.1	15.7	0	0	5	41	1.2	100	64
1971	6	1	24.4	31.7	17.3	1.5	1	4	42	1.6	85	62
1971	6	2	26.4	35	17.6	2.7	1	3	44	1.5	116	76
1971	6	3	27.3	35.7	19.1		0	0	45	1.6	118	70
1971	7	1	25.3	33.1	16.8	1.3	1	3	41	1.7	113	76
1971	7	2	26	33.4	18.6	0.9	0	4	45	1.9	112	80
1971	7	3	28	36	19.8		0	0	43	1.6	127	80
1971	8	1	23.4	30.5	15.7	0.6	0	2	44	1.9	103	79
1971	8	2	23.6	33	15.4	5.4	1	1	51	1.7	121	58
1971	8	3	24.8	32.7	16.8		0	0	46	1.5	126	71
1971	9	1	22.5	31.5	15.4	0.6	0	2	39	1.6	110	59
1971	9	2	17.8	26.4	11.6	3.7	1	1	59	1.1	70	40
1971	9	3	18.7	27.5	11.5		0	0	52	1.2	93	44
1971	10	1	17.3	26.6	10.1		0	0	50	1.4	88	36
1971	10	2	12.6	20.8	6.3	0	0	1	57	1.7	81	29
1971	10	3	11.4	20.3	5.3	3.2	1	1	60	1.3	81	26
1971	11	1	7.4	14.8	2.2	3.7	1	1	71	0.8	62	14
1971	11	2	10.7	18.6	5.3		0	0	65	1.3	60	13
1971	11	3	9.2	15.8	4.4		0	0	72	0.9	46	11
1971	12	1	7.1	14.8	1.6		0	0	70	1.7	49	11
1971	12	2	5.8	11.9	1.4	13.7	2	2	70	0.7	30	6
1971	12	3	1.5	5.3	-1.5	9.6	1	1	72	1	30	2
1972	1	1	-2.2	1.3	-5	3.4	1	3	75	0.8	33	
1972	1	2	0	4.7	-3.1	12.1	2	5	80	0.9	30	
1972	1	3	-7.1	-3	-10.9	22.3	6	9	85	1.1	13	
1972	2	1	-12	-6.1	-17	16.2	2	5	80	0.8	25	
1972	2	2	-7.7	-1.6	-12.4	33.9	2	4	79	1	33	
1972	2	3	-7	-1.4	-11.2	22.3	4	5	79	0.8	34	
1972	3	1	0.3	4.7	-3.2	0.1	0	3	72	1	35	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.	71°45' в.д.							
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1972	3	2	5.5	9.7	1.8	12.8		3	4	77	1.6	32
1972	3	3	7.5	12.7	3.3	16.6		3	5	75	1.4	50
1972	4	1	13.4	19.1	8.3	2.7		1	2	68	2.9	54
1972	4	2	14.4	21	8.1	2.6		1	2	47	3	82
1972	4	3	19.3	27.8	11.6	3.7		2	2	42	2.3	97
1972	5	1	21.4	28.3	15.4			0	0	42	1.8	84
1972	5	2	21.2	27.2	15.8	7.9		3	6	57	1.7	73
1972	5	3	19	25.5	13.3	12.9		2	4	59	7.4	81
1972	6	1	22.6	30.5	15.7	2.1		0	4	48	2.7	91
1972	6	2	23.5	30.9	16.7	3		2	7	46	2.6	92
1972	6	3	25.9	33.5	19	3		1	4	47	2.7	103
1972	7	1	26.5	33.7	19.3	0.4		0	2	44	2.1	120
1972	7	2	23.7	30.5	16.4	0.1		0	3	45	1.9	113
1972	7	3	24.4	31.6	16.6	0		0	1	46	2	126
1972	8	1	24.9	32.2	17.7	0		0	2	53	2.2	105
1972	8	2	24.3	32	16.4			0	0	48	1.7	124
1972	8	3	21.4	28.6	14.8	0		0	1	51	1.5	113
1972	9	1	22.3	31.1	14.9			0	0	52	1	111
1972	9	2	18.7	25	12.6	0		0	1	56	1.2	79
1972	9	3	17.6	26.6	10.3	1.6		1	1	56	1.2	97
1972	10	1	17.4	25.2	11.5	2.9		1	2	58	0.8	79
1972	10	2	13.1	19.6	8.3	17.3		2	3	70	0.9	59
1972	10	3	11.8	20.8	5.1			0	0	64	1.1	91
1972	11	1	9.9	15.8	5.9	4.5		2	4	76	1.9	46
1972	11	2	7.4	15.7	1.8			0	0	68	0.7	81
1972	11	3	6.3	13.8	1.1			0	0	68	0.8	70
1972	12	1	3.7	6	1.9	3.5		1	6	79	0.9	5
1972	12	2	2.4	6.4	-0.3	4.9		1	2	80	0.5	28
1972	12	3	-3.7	-1.2	-6.2	1.6		1	4	82	1	16
1973	1	1	-3.4	1.1	-7.3	0		0	1	71	0.7	32
1973	1	2	-0.8	4	-4.7	3.4		1	4	71	1.1	45
1973	1	3	-5.9	-0.9	-9.4	9.8		3	4	80	1.2	38
1973	2	1	-2.9	1.4	-6.7	6.5		3	4	84	0.8	6
1973	2	2	4.3	10	-0.4	1.2		1	1	80	0.7	53
1973	2	3	6	10.6	2.5	19		2	3	76	1.6	22
1973	3	1	4.7	8.6	1.2	16.5		4	5	78	1.5	37
1973	3	2	6.3	12.2	1.6	2.4		1	1	74	1.6	47
1973	3	3	9.6	13.8	6.1	23.6		4	6	72	1.2	21
1973	4	1	15.6	21.7	9.9	0.5		0	3	72	1.9	71
1973	4	2	16.7	23	11	9		1	3	57	2.2	73
1973	4	3	17	22.7	12.1	10.5		4	8	64	2.4	50
1973	5	1	18.2	24.1	13.4	18.6		3	6	62	1.1	68
1973	5	2	22.1	29.1	15	0.1		0	2	52	1.6	95
1973	5	3	22.7	30	15.3	7.3		1	5	55	1.1	119
1973	6	1	26.2	33	19	0.6		0	4	49	1.2	122
1973	6	2	27.7	35	20.2	0		0	2	45	2.7	130
1973	6	3	27.6	35	19.9	0		0	2	42	0.7	134
1973	7	1	26.8	33.9	19.6	1.2		1	3	47	0.7	108
1973	7	2	28.8	36.1	21.5			0	0	46	0.8	126
1973	7	3	27.8	36.2	20.2	0.1		0	1	47	1.4	121
1973	8	1	26.3	34	19.1	1.3		1	1	50	1.2	123
1973	8	2	24.9	33.2	17.4			0	0	49	1.6	122
1973	8	3	24.1	31.9	16.4			0	0	53	1.4	130
1973	9	1	20.5	29.1	13.1	0		0	2	59	1.7	106
1973	9	2	20.9	30.5	13.2			0	0	56	1.2	110
1973	9	3	14.6	21.8	8.8			0	0	62	1.6	80
1973	10	1	12.7	21.2	5.9	2.6		1	2	60	1.2	85
1973	10	2	16	24.7	8.7	1		1	1	58	0.9	88
1973	10	3	12.7	21.3	6.1			0	0	56	0.8	95
1973	11	1	8.7	15.2	3.9	0.5		0	1	67	0.8	52
1973	11	2	9.1	18.7	2.2			0	0	58	0.7	82
1973	11	3	6.2	13.6	1.4	4.6		1	1	70	1.3	56
1973	12	1	4.2	12.3	-0.6			0	0	71	1.3	66
1973	12	2	0	3.3	-2.2	0		0	2	74	0.7	20
1973	12	3	-0.6	5.7	-5.4	1.2		1	1	70	1.3	70
1974	1	1	-3	0.5	-6.1	15.1		4	7	89	0.7	23
1974	1	2	-7.8	-3.3	-11.4	7.8		2	6	85	0.5	14
1974	1	3	-1.9	2.2	-5.3	3		1	3	83	2	38
1974	2	1	-5.8	-0.8	-9.6	7.6		3	5	82	0.7	48
1974	2	2	1	5.7	-2.9	12.7		1	3	86	0.8	36
1974	2	3	-3.5	-0.4	-6	13.3		3	5	85	0.7	11
1974	3	1	-0.4	2.3	-2.9	34.3		2	6	86	1.2	16
1974	3	2	6.9	13.1	1.6	0		0	1	77	1.6	77
1974	3	3	15.5	22	9.8			0	0	63	1.7	83
1974	4	1	12.5	17.9	7.7	5.1		1	3	65	2.2	54
1974	4	2	17.3	23.9	11.5	7.8		3	4	63	1.5	68
1974	4	3	18.4	25.2	12.7	5.2		1	2	60	1.3	40
1974	5	1	17.8	24	12.1	4.5		2	5	59	1.8	64
1974	5	2	21.2	28.5	14.3	10.3		1	5	58	1.5	103

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.	71°45' в.д.								
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1974	5	3	25.2	32.6	18	0		0	52	1.5	111	71	
1974	6	1	24.5	31.3	17.2	2.3		1	41	1.3	100	72	
1974	6	2	26.6	34.1	18.8	0.1		0	44	1.9	125	80	
1974	6	3	25.7	33.4	18.5	0		1	40	2.4	117	85	
1974	7	1	27.6	25.7	19.7	1.9		1	41	1.4	114	79	
1974	7	2	28.3	35	21	0		0	40	1.6	116	84	
1974	7	3	26.8	33.8	19.4	5.5		3	51	1.5	123	86	
1974	8	1	23.4	30.6	17.3	8.6		2	4	53	1.6	96	60
1974	8	2	25.1	33.3	17			0	46	1.4	123	71	
1974	8	3	22.2	29.4	15.6	3.3		1	4	53	1.5	104	67
1974	9	1	20.9	28.8	13.4			0	54	0.7	105	53	
1974	9	2	21.8	30.8	13.8			0	55	1.3	107	52	
1974	9	3	18.1	23.8	13.4	17.3		3	65	1.1	53	27	
1974	10	1	14.8	22	9.2			0	64	0.7	73	29	
1974	10	2	13.6	20.7	7.9	0		0	58	1.3	64	27	
1974	10	3	12.4	21.8	5.7			0	50	0.9	87	26	
1974	11	1	9.8	17.1	4.8	0.7		0	65	0.8	59	17	
1974	11	2	5.9	12.7	1.1	5.5		1	70	0.6	59	10	
1974	11	3	6.9	11.7	2.3	3.6		1	75	0.7	37	9	
1974	12	1	-2.9	0.2	-5.7	3.7		1	4	85	0.8	15	
1974	12	2	-1.7	2.2	-5.3			0	78	0.5	38		
1974	12	3	-0.8	4.5	-4.4			0	76	0.4	36		
1975	1	1	0.7	6.2	-2.7	4.4		1	86	0.6	35		
1975	1	2	-2.7	2.5	-6.4	2.2		1	75	1.1	60		
1975	1	3	-1.2	4.5	-5.1	0.6		0	73	0.7	50		
1975	2	1	-2.7	2.5	-6.9	1.6		1	74	0.6	30		
1975	2	2	0.5	6.8	-3.7	4.7		1	72	1.2	58		
1975	2	3	5.3	9.4	1.9	5.3		2	76	1.1	17		
1975	3	1	4.5	8.5	0.9	7.3		3	72	1	21	9	
1975	3	2	9.1	15.6	3.3	0.7		0	53	0.8	68	18	
1975	3	3	13.6	19.5	9	7.5		2	62	1.4	44	23	
1975	4	1	13.6	17.8	10.4	9.1		1	60	1.3	45	24	
1975	4	2	19.5	26.3	12.8	1		0	53	1.9	75	47	
1975	4	3	18.9	25.7	12.4	0		0	45	1.3	84	49	
1975	5	1	17.1	23.5	10.6	0.4		0	48	1.9	70	55	
1975	5	2	21.2	27.9	14.6	2.6		1	47	1.8	76	57	
1975	5	3	23.8	34.5	16	3.2		2	40	1.4	123	74	
1975	6	1	24.3	32.2	16.4	1.8		1	42	1.8	97	81	
1975	6	2	28.1	35.4	20.8	0		0	34	2.3	114	95	
1975	6	3	25.7	32.9	18	0		0	31	2	117	81	
1975	7	1	27.9	36.1	20.2	0.1		0	38	1.1	120	82	
1975	7	2	28.2	35.3	20.7	0		0	38	3	115	91	
1975	7	3	31.3	35.4	21.6			0	38	1.5	136	95	
1975	8	1	27.4	34.2	19.9			0	40	1.9	122	94	
1975	8	2	26.4	33.7	19.4	0		0	46	1.7	101	68	
1975	8	3	23.1	31.6	15.6	0		0	50	0.7	116	61	
1975	9	1	20.8	29.3	12.7			0	50	1.6	109	55	
1975	9	2	21.6	29.2	13.9	0		0	55	1.5	94	48	
1975	9	3	18.6	25.9	12.6	1.5		1	60	1.4	86	40	
1975	10	1	17.8	26.3	10.6			0	60	1.9	88	34	
1975	10	2	13.1	19.9	7.8	4.6		2	60	1.8	61	28	
1975	10	3	8.4	16.3	2.2	0.3		0	62	1.7	78	21	
1975	11	1	3.3	9	-0.7	9.7		2	4	78	1.7	37	8
1975	11	2	-0.2	4.2	-3.8	12.4		3	4	78	1.5	24	
1975	11	3	4.2	11.5	-0.5			0	82	1.1	62		
1975	12	1	-0.9	3	-2.5	8.5		2	5	81	1.4	24	
1975	12	2	0.6	6.9	-3.4	0		0	82	1.3	50		
1975	12	3	1.5	7.8	-2.6			0	79	1.2	43		
1976	1	1	1	5.3	-1.7	7.4		1	2	91	1.6	34	
1976	1	2	1.8	7.9	-2.2			0	85	1.4	46		
1976	1	3	4.2	7.9	1.4	10.2		4	6	87	1.9	29	
1976	2	1	5.5	10.3	1.6	0.4		0	86	1.7	35		
1976	2	2	3.4	2.7	-1.4	23.1		4	7	82	1.2	11	
1976	2	3	-3.1	1.5	-5.5	10.5		2	6	75	1.4	43	
1976	3	1	4.3	9.2	0.3	4.3		2	72	1.5	48		
1976	3	2	7.9	12.5	4	5.5		2	77	1.4	39		
1976	3	3	8.2	12.4	4.7	9.1		1	75	1.8	36		
1976	4	1	11.4	17.2	6	0.4		0	69	2	63	24	
1976	4	2	16.2	21.7	11.7	20		3	64	1.3	63	22	
1976	4	3	19.3	25.2	14.2	3.6		1	58	1.4	65	32	
1976	5	1	20.2	27.3	13.1	0		0	51	2	108	47	
1976	5	2	23.1	29.5	17	3.9		1	54	1.6	86	53	
1976	5	3	22.3	31.6	16.2	5.8		1	49	2.4	101	57	
1976	6	1	26.1	32.6	18.8			0	40	2.2	109	77	
1976	6	2	25	32.1	17.7	0.5		0	38	2.7	126	80	
1976	6	3	26.2	33	18.4	0.1		0	39	2.4	127	77	
1976	7	1	27.6	34.7	19.9	0.1		0	43	1.4	120	74	
1976	7	2	28.7	37.1	20.5			0	43	1.7	132	79	
1976	7	3	26.6	33.2	19.6	0.9		0	48	2.2	126	83	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m			Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1976	8	1	26.9	35.9	18.6			0	49	1.6	129	73	
1976	8	2	26.7	34.6	19.6			0	49	1.7	109	62	
1976	8	3	24.2	33.4	16			0	51	1.8	128	65	
1976	9	1	21.9	29.6	13.6	0		3	53	1.4	90	51	
1976	9	2	17.6	25.5	10.2	0.3		4	53	1.7	101	49	
1976	9	3	20.2	27.7	13.8	0.3		2	60	1.1	73	38	
1976	10	1	12.9	20.2	7	11.7		2	66	1.9	70	29	
1976	10	2	14	21	8.5	0.6		4	70	1.7	57	22	
1976	10	3	8.9	13.7	5.4	19.6		6	78	1.7	24	19	
1976	11	1	5.6	11.2	1.8	0.5		1	72	1.1	34	12	
1976	11	2	-0.3	4.7	-3.9	0		1	75	1.7	44		
1976	11	3	4.5	12.4	-0.6			0	74	1.8	67		
1976	12	1	-1.2	3.9	-4.3	3.8		2	82	1	28		
1976	12	2	1.4	5.9	-1	0.3		4	84	1.2	16		
1976	12	3	-2.6	2	-6.1	0		1	80	1.2	21		
1977	1	1	-2.2	1.4	-4.5	16.2		3	6	87	1.2	9.8	
1977	1	2	-5.9	-3	-8.6	6.4		2	4	87	1.3	5.8	
1977	1	3	-7.4	-3.5	-10.4	23.3		4	8	83	1.3	10.6	
1977	2	1	-4.2	1	-8.4	1.2		0	5	83	1.4	22.2	
1977	2	2	2.2	7.6	-1.3	0		0	1	85	0.9	52.8	
1977	2	3	4.5	10.1	0.2			0	75	0.9	19.9	46	
1977	3	1	8.1	14.2	3.7	12.4		2	2	67	2	51.6	
1977	3	2	10.8	16.6	5.5	0.1		0	3	60	1.1	75.9	22
1977	3	3	14.9	21.8	8.9	4.5		1	2	56	1.4	75.7	28
1977	4	1	17.6	24.4	11.4	0		0	1	50	1.3	81.3	35
1977	4	2	19	25.9	13.3			0	0	51	1.7	72.3	37
1977	4	3	19.7	26.7	13	0.2		0	2	44	2.1	92.5	54
1977	5	1	21.3	27.4	16.2	12		1	5	46	2.1	74.5	51
1977	5	2	20.6	27.7	14.3	12.4		2	4	54	1.8	83.4	46
1977	5	3	23.2	29.6	17.2	24.1		4	5	58	1.8	77.9	52
1977	6	1	23.9	31.2	16.7	1.5		1	3	56	1.8	109.4	54
1977	6	2	25.8	34.1	18.3	5.8		2	4	51	1.4	126.6	67
1977	6	3	29.9	37.5	22.7	0.9		0	5	44	1.7	119.4	79
1977	7	1	28	35.8	20.2			0	0	41	1.8	132.6	83
1977	7	2	27.3	34.3	20.3	0		0	2	44	2	124.6	80
1977	7	3	27	34.1	20.4	0		0	2	45	1.7	124.9	84
1977	8	1	26.3	33.6	19.5	0.4		0	2	49	1.7	111.4	75
1977	8	2	26.2	33.6	19.1	1		0	2	47	1.8	105.7	74
1977	8	3	23.8	31.8	16.9			0	0	57	1.6	120.4	61
1977	9	1	20.3	27.8	13.2			0	0	53	1.7	105.3	58
1977	9	2	21.2	29.8	13.8			0	0	49	1.4	109.1	46
1977	9	3	21.7	30	13.9			0	0	48	1.7	101.8	46
1977	10	1	15.2	22.2	10	37.6		3	3	76	1.2	67.4	24
1977	10	2	16.2	23.1	10.8	22		1	4	68	1.4	62.2	23
1977	10	3	9.3	13	6.3	39.2		4	8	88	1.5	27.4	16
1977	11	1	10.6	14.7	7.4	14.2		1	5	88	1	21.5	8
1977	11	2	9.9	15	6.3	0.4		0	1	86	1	33.3	8
1977	11	3	5.7	7.8	3.6	1.1		0	4	93	1.1	12.2	8
1977	12	1	4.8	9.7	1.4	2.4		1	3	85	1.2	31	7
1977	12	2	0.2	3.5	-2.1	12.7		3	5	88	2.1	16.6	
1977	12	3	-1.4	2.2	-4.2	10.2		1	4	83	1.8	34.5	
1978	1	1	0.3	6	-3.4	0		0	2	79	1.2	52.4	
1978	1	2	-5	-1.1	-8.6	21.2		3	5	83	1.3	32.7	
1978	1	3	-1.4	3.1	-4.9	1.5		0	2	79	1.3	45.1	
1978	2	1	-7.4	-3.2	-11	25.3		3	6	82	1.5	40.3	
1978	2	2	-1.5	4.4	-6.8	0		0	1	76	1.4	73.8	
1978	2	3	4.6	10.1	0.9	0		0	2	80	1.7	39.5	
1978	3	1	5.1	9.8	1.3	10.8		1	4	78	1.4	46.8	
1978	3	2	6	10.6	2.8	13.9		3	5	79	1.8	35.4	
1978	3	3	10.5	16.2	5.2	0		0	1	64	1.6	86	
1978	4	1	16.1	22.7	9.8	4.1		2	3	52	1.9	74.6	27
1978	4	2	16.4	22.1	11.6	9.9		3	5	73	1.8	42.5	19
1978	4	3	18.8	25.5	11.9	2.8		2	4	56	2	95	31
1978	5	1	20.9	28.4	14.3	3.2		1	3	59	1.2	89.8	33
1978	5	2	22.5	29.3	16.3	9.8		3	8	53	1.8	97.2	46
1978	5	3	20.2	27.2	14.5	28.1		3	8	62	2.1	96.7	48
1978	6	1	22.9	30.6	16	1.9		1	3	53	2.3	90.6	46
1978	6	2	25.8	33.1	18.2	0		0	3	43	1.6	116.5	61
1978	6	3	28.7	35.6	21.8	0		0	1	47	1.4	111.6	67
1978	7	1	27.5	33.7	21.1	0		0	2	46	1.7	113.6	71
1978	7	2	28.3	36.3	20.7			0	0	42	1.3	132.2	68
1978	7	3	27.4	34.9	19.9			0	0	50	1.5	136.4	74
1978	8	1	25.3	33.5	17.8			0	0	50	1.2	121.4	63
1978	8	2	26.7	34.6	19.7	0		0	1	48	1.3	107.9	60
1978	8	3	20.9	28.7	13.6	0		0	3	52	1.4	111.4	59
1978	9	1	22	30.8	14.2			0	0	48	1.4	112.2	52
1978	9	2	22.2	30.8	14.5			0	0	49	1.5	109.7	52
1978	9	3	20.1	29.2	12.9			0	0	51	1.6	102.6	46
1978	10	1	15.8	22.9	9.9	0.4		0	1	60	2	72.5	36

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1978	10	2	13.3	20.2	7.8	0	0	3	64	1.6	63.1	26
1978	10	3	14.6	22.6	8.8	0.3	0	2	68	1.2	65.5	23
1978	11	1	6.3	12	2.2	4.9	2	4	73	1.7	25.6	17
1978	11	2	4.7	8.3	2.3	5.5	3	4	88	1.1	13.3	8
1978	11	3	3	9	-1	1	0	1	79	1.2	49.1	6
1978	12	1	5.5	10	2.6	13.8	2	4	81	1.2	19.2	
1978	12	2	5.3	8.6	2.8	2.2	1	2	91	1.5	11.4	
1978	12	3	2.2	7.1	-1.4	0	0	1	81	1.6	37.4	
1979	1	1	3.6	8.5	0.3	11.7	1	2	81	1.3	40.1	
1979	1	2	0	2.6	-1.6	6.7	3	6	89	1.1	9.6	
1979	1	3	-2.3	0.7	-4.4	6.9	3	7	86	1.4	18.3	
1979	2	1	2.7	8.7	-1.6		0	0	79	1	48.9	
1979	2	2	5.6	11	1.1	5	1	3	76	1.9	39	
1979	2	3	2.6	7.3	-1.2		0	0	74	1.6	36	
1979	3	1	1.4	4.9	-1.3	5.8	3	6	78	1.4	24.5	
1979	3	2	9.8	16.2	3.7		0	0	58	1.6	71.2	
1979	3	3	14.7	20.7	9.4	9.3	4	6	63	1.7	58.7	
1979	4	1	14.4	19	10.5	29.3	4	6	77	1.9	42.2	21
1979	4	2	15.7	21.6	11.6	18.4	4	7	74	1.8	48	24
1979	4	3	16.3	20.9	12.6	20.8	3	4	76	1.6	31.4	21
1979	5	1	17.3	23.5	11.8	4.2	1	4	59	2.3	80.5	40
1979	5	2	19.9	26.1	14.3	5	2	3	57	1.6	83.6	44
1979	5	3	18.7	25.3	12.4	2.8	1	2	48	2.8	103.5	65
1979	6	1	23.7	31.7	16.2	0.7	0	4	47	2	109.5	61
1979	6	2	25	32.1	17.3	1.3	1	2	42	2	120.3	72
1979	6	3	27.1	34.6	19.4	0	0	1	39	2.3	124.7	81
1979	7	1	27.5	35.8	19.3		0	0	41	1.6	131.1	75
1979	7	2	29.2	36.3	21.9	0	0	1	37	2.6	129.8	84
1979	7	3	27.5	35.1	20.3	0	0	1	44	1.8	140.2	77
1979	8	1	27.8	33.8	21.9	0.2	0	5	52	1.8	86.7	58
1979	8	2	26.7	34.5	19.9		0	0	48	1.8	114.7	60
1979	8	3	22.1	30.1	15	0	0	1	53	1.4	107.6	53
1979	9	1	23	31.1	15.8		0	0	54	1.4	110.2	49
1979	9	2	19.7	27.2	13.2	6	1	3	61	1.3	95.1	42
1979	9	3	17.6	25.2	11	0	0	1	59	1.2	93.2	39
1979	10	1	17.6	25.4	11.7	0.3	0	1	62	1.4	78.2	31
1979	10	2	14.5	23.2	7.8		0	0	63	0.9	87.9	27
1979	10	3	15	22.7	9.9	1.2	1	1	70	0.9	55.3	22
1979	11	1	8.7	14.6	4.4	8.6	2	3	81	1	51.4	19
1979	11	2	4.9	12	0.4		0	0	79	0.9	50.5	11
1979	11	3	3.5	11.4	-1.5		0	0	63	0.9	67.3	
1979	12	1	6.3	11	2.6	3	1	3	77	1.2	25.7	
1979	12	2	3.6	8.9	-0.3	0	0	2	84	0.8	39.4	
1979	12	3	0.6	5	-2.2	0.7	0	1	85	1.1	12	
1980	1	1	0.2	5.5	-3.3	0.3	0	1	81	1	35.9	
1980	1	2	-0.7	3.1	-3.6	2.3	1	2	77	1.1	19.4	
1980	1	3	-2	2.2	-5.2	9.1	3	5	80	1.1	27	
1980	2	1	-6.8	-2	-10.2	8.3	4	6	84	0.9	21.2	
1980	2	2	2.9	6.5	0.8	9.4	2	3	88	0.9	8.8	
1980	2	3	1.9	5	0	26.6	4	7	90	1.1	13.2	
1980	3	1	3.7	9	0.3	3.3	2	2	81	1.5	42.6	
1980	3	2	5.2	10.5	1.5	11.8	3	5	88	1.5	19.1	
1980	3	3	11.6	17.3	7.2	14.1	2	4	73	1.4	72	
1980	4	1	15.2	20.9	10.4	6	2	5	69	1.7	55.8	17
1980	4	2	19.4	27.6	13	0	0	2	52	1.7	76.3	38
1980	4	3	18.5	24.8	13	9	3	8	66	1.8	58.7	30
1980	5	1	21.3	28.2	16	7.3	2	4	68	1.2	81.1	26
1980	5	2	18.4	25.4	12.1	3.9	1	6	61	1.8	84.6	41
1980	5	3	24.7	32.4	17.5	0	0	4	44	2.2	110.3	73
1980	6	1	24.8	33.3	16.8	2.2	1	2	43	2.1	126	69
1980	6	2	24.8	33	17.6	11.6	3	4	53	1.6	103	56
1980	6	3	26.6	33.8	19.2	0	0	4	45	2	114.9	76
1980	7	1	28.8	37.4	20.6	0	0	1	39	1.5	128	82
1980	7	2	28.2	36	21.2	3.8	1	3	47	1.8	109.4	72
1980	7	3	26.2	34.6	18.9	0	0	1	50	1.5	136.8	73
1980	8	1	24.5	31.7	17.8	0	0	2	53	1.6	104.7	67
1980	8	2	25.3	33.6	18		0	0	55	0.9	113.9	62
1980	8	3	24.4	32.7	17.3		0	0	53	1.1	122.2	67
1980	9	1	22.1	30.1	14.8	0.3	0	1	56	1	100.1	57
1980	9	2	19.2	28.6	11.2	1	1	1	52	1.1	110.8	50
1980	9	3	19.5	28.4	12.1	0	0	2	59	0.9	95.2	44
1980	10	1	17.2	25.2	10.6	0.4	0	3	61	0.9	71.7	38
1980	10	2	12.9	20	7.9	0	0	1	76	0.8	57	27
1980	10	3	11.8	19.5	6.3		0	0	67	1	74.5	28
1980	11	1	11	18.3	6	6.6	1	2	71	0.5	55.5	188
1980	11	2	12	18.3	7.7	8.5	2	2	74	0.7	38.1	12
1980	11	3	7.7	12.8	3.8	13	3	4	84	1.3	41.3	8
1980	12	1	6.6	13.7	2.3	0	0	1	78	0.8	54	9
1980	12	2	2.8	8	-0.5	0	0	1	83	1	31	7

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1980	12	3	0.1	5.2	-2.8	0	0	2	87	0.5	24	
1981	1	1	0.6	6.2	-2.7	0	0	2	89	0.8	31.6	
1981	1	2	3.3	8.6	-0.3	1.1	0	4	78	1.2	20.2	
1981	1	3	2.5	6.7	-0.2	3.3	1	2	84	0.7	21.1	
1981	2	1	3	9.1	-1.2	5.5	1	2	70	1.4	48.2	
1981	2	2	4.2	7.8	1.8	18	5	5	87	0.8	9.8	
1981	2	3	5.2	8.6	3	15	4	8	86	1.4	8.3	
1981	3	1	7.2	13.3	2.6	7.1	1	2	72	1.3	57.3	
1981	3	2	11.5	17.6	7.1	0.8	0	3	66	1.6	51.8	19
1981	3	3	14.1	20.7	8.9	0.4	0	3	63	1.8	66.6	25
1981	4	1	13	20.1	7.5	1.4	0	5	58	2.3	67.3	30
1981	4	2	14.5	19.7	10.4	38.3	3	6	72	1.7	51.5	22
1981	4	3	20.3	27	14.6	2.9	1	3	65	1.4	92.8	28
1981	5	1	22.5	28.7	17.6	0	0	1	61	1.7	65.3	41
1981	5	2	21.4	28.5	15.3	7.5	2	4	58	2	87.9	61
1981	5	3	21.8	28.8	15.6	10.8	1	5	53	1.9	86.7	62
1981	6	1	21.2	28.5	15.2	6	1	5	54	1.9	93.2	54
1981	6	2	24.9	33.1	17.2	0	0	2	45	1.9	106	67
1981	6	3	26.5	34.7	19.4	0.7	0	6	51	2	98.9	71
1981	7	1	27.2	34.9	20.1	1.2	1	3	49	1.8	110.3	75
1981	7	2	27.7	34.9	20.8	0	0	2	47	1.8	118.6	83
1981	7	3	24.8	31.1	19.8	12.4	2	6	64	1.6	100	66
1981	8	1	25.5	33.2	18.6	0	0	1	58	1.3	119.5	65
1981	8	2	24.6	31.7	18.7	6.1	2	5	57	1.7	84.4	66
1981	8	3	22.4	29.7	15.9	0.5	0	3	61	1.5	112.6	61
1981	9	1	20.4	28.7	13.1		0	0	67	1.2	105.1	53
1981	9	2	22	31.6	13.9		0	0	55	1.2	106.3	49
1981	9	3	16.2	22.9	10.6	1.3	1	2	63	1.6	80.4	43
1981	10	1	13.2	20.2	7.5	6.1	1	1	64	1.4	77.8	33
1981	10	2	13.3	18.4	9.6	9	2	4	80	0.9	36.3	15
1981	10	3	10.1	17.2	4.6	0.7	0	1	72	1.1	84.5	22
1981	11	1	10.2	18.2	4.6		0	0	63	1.1	77.5	19
1981	11	2	6.9	13	2.9	13.6	2	3	70	1	52	16
1981	11	3	5.7	10.7	2	4.2	2	4	78	0.9	43.3	10
1981	12	1	2.2	6.9	-1	0	0	1	79	0.7	24.9	
1981	12	2	3.3	10.8	-1.2		0	0	64	0.6	73.7	
1981	12	3	2.1	5.6	-0.3	5.5	2	4	89	0.5	13.3	
1982	1	1	2.9	7.8	0	3.7	1	1	87	0.7	27.5	
1982	1	2	2.6	7	-0.7	0	0	2	82	0.9	35.8	
1982	1	3	-2.2	2.6	-5.8	3.8	2	2	75	0.6	41.8	
1982	2	1	2.7	7.5	-1	2.8	1	4	72	0.9	47.4	
1982	2	2	1.6	6.6	-2.2	3.1	1	4	67	1.1	48.6	
1982	2	3	2.7	7.6	-1.1	0	0	1	68	1.1	20.9	
1982	3	1	6.6	11.3	3.2	4.5	1	1	72	1.1	29.7	
1982	3	2	9.8	15.1	5.1	4.1	1	3	60	1.7	50.4	
1982	3	3	8.6	13.1	4.9	13.1	1	4	73	1.5	37.9	
1982	4	1	12.9	20.6	6.1		0	0	48	2.2	89.1	40
1982	4	2	19.2	26.7	12.5		0	0	51	1.2	95.4	38
1982	4	3	21.8	28.4	15.8	1.2	0	2	53	1.3	73.1	44
1982	5	1	22.9	29.7	16.4	0	0	1	43	2	98.2	62
1982	5	2	22.1	30.2	14.2		0	0	39	1.3	108.7	60
1982	5	3	22.6	29.6	16.3	6	4	5	52	1.6	89.8	69
1982	6	1	25.2	32.9	17.2	0	0	1	38	2.2	122.4	84
1982	6	2	25.3	31.5	18.1	3.1	1	4	36	2.2	103.2	84
1982	6	3	26.6	34.3	18.8	0	0	1	46	1.4	116.6	72
1982	7	1	24.5	31.4	17.4	5.4	1	4	51	1.8	107.7	69
1982	7	2	26.7	34.3	19.1	0	0	2	44	1.6	116.6	64
1982	7	3	28.2	35.8	21.2		0	0	48	1.5	127	67
1982	8	1	29	37.5	21		0	0	47	1.7	119.3	64
1982	8	2	24.4	31.5	17.8	7.3	1	1	57	1.4	102.1	52
1982	8	3	20.6	28.1	13.9	1.6	1	2	58	1.3	103.6	49
1982	9	1	22.1	30.9	14.5		0	0	51	1.3	106	42
1982	9	2	19.5	26.6	13.4	25	1	4	59	1.6	70.2	41
1982	9	3	15.2	23.1	9.1	3.1	1	1	68	1.2	88.1	24
1982	10	1	14	21.6	8.6	26.9	3	3	76	1.4	56.7	23
1982	10	2	15.8	23.5	10.4		0	0	76	1.1	67.2	16
1982	10	3	7.9	14.5	2.9	2	1	4	74	1.4	59.4	20
1982	11	1	8.7	14.6	4.8	11.8	3	3	80	1	43.3	10
1982	11	2	1.9	5.2	-0.1	28.2	3	6	87	0.9	14.7	8
1982	11	3	-0.2	3.7	-2.7	2.6	1	2	87	0.9	18.2	
1982	12	1	-1.2	1.6	-3.4	3.7	1	3	82	1.2	13.3	
1982	12	2	0.1	6.7	-3.9		0	0	73	0.9	50.4	
1982	12	3	0.7	7.2	-3.3	0.1	0	1	72	1	42.7	
1983	1	1	0	3.4	-2.1	12.8	3	6	86	1.2	19.9	
1983	1	2	-1.7	2.9	-5.2	3.7	1	1	79	1.1	33.9	
1983	1	3	1	6.2	-2.6	6.8	2	3	80	1.2	30.6	
1983	2	1	2.1	8.4	-2.3		0	0	75	1	78	
1983	2	2	5.3	12.3	0.3		0	0	69	1.2	77.9	
1983	2	3	5.6	11	1	1.2	1	2	65	2	41.6	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m			Координаты:				40°23' с.ш.	71°45' в.д.					
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1983	3	1	5.9	11	1.9	22.7		2	4	77	1.4	40.1	
1983	3	2	7.9	12.9	4	3.5		2	3	68	2.2	51.8	
1983	3	3	9.2	15.4	4.1	6.2		1	1	63	1.7	62.6	
1983	4	1	16.4	22.3	11.2	4.4		1	3	62	1.5	57.4	
1983	4	2	16.3	22.2	11.2	1.6		1	5	64	1.7	38.2	
1983	4	3	16.8	22.8	11.2	5.2		1	5	55	2.4	62.3	
1983	5	1	19.9	27	13.7	4.2		1	1	60	1.5	79.5	
1983	5	2	21.8	28.6	15.9	4.1		2	6	55	2.5	80	
1983	5	3	21.6	29.2	14.5	6.1		1	4	45	2.6	103.9	
1983	6	1	21.6	29.1	14.7	2.9		2	4	48	1.8	105.6	
1983	6	2	24.7	32.5	18	8.7		1	5	51	2	108.4	
1983	6	3	27.4	35.2	20.1	3.8		1	4	50	1.6	120	
1983	7	1	25.6	33.1	18.1	0.2		0	3	47	1.9	116.3	
1983	7	2	26.7	35.3	18.5	5.4		1	2	52	1.3	122.4	
1983	7	3	29.3	37.3	21.7			0	0	49	1.4	136.3	
1983	8	1	26.9	34.1	20.7	7.5		2	3	57	1.4	102	
1983	8	2	25.8	35.1	18.1			0	0	52	1.2	121.4	
1983	8	3	25.4	33.5	18.5			0	0	57	1.3	115.2	
1983	9	1	22.3	29.8	16.2	0		0	3	60	1.3	92.8	
1983	9	2	18.4	25.8	12.8	27.6		2	3	70	1.1	71	
1983	9	3	19.1	27.5	12.1			0	0	61	1.3	97.3	
1983	10	1	16.1	24.1	10			0	0	64	1.2	79.8	
1983	10	2	11.9	19.8	5.9	0.4		0	1	62	1.4	68.6	
1983	10	3	10.8	19.9	4.2			0	0	60	1.1	90.2	
1983	11	1	8.2	15	3.2	0.5		0	2	61	1.8	38.3	
1983	11	2	10.1	17.8	4.2	3.1		1	1	64	1.3	49.5	
1983	11	3	7.4	14.5	2.5			0	0	71	1.2	46.9	
1983	12	1	5.4	10.3	1.7	1.8		1	2	79	1	33.9	
1983	12	2	2.1	6.5	-1.1	5		1	4	82	1.2	17.8	
1983	12	3	-3.9	-0.4	-6.7	0		0	2	81	1	9.5	
1984	1	1	-0.2	5.8	-4.5	0		0	1	66	1.3	51.4	
1984	1	2	0.2	3.5	-2.3	1		1	2	82	0.9	17.8	
1984	1	3	-4.2	0.2	-8	0.2		0	1	80	0.8	17.1	
1984	2	1	-2.6	0.4	-5.3	3.5		1	7	80	1.4	12.3	
1984	2	2	-5.7	-3.1	-8	62		7	10	88	1.3	4	
1984	2	3	-7.6	-0.5	-13.2	0		0	1	71	1.5	51.9	
1984	3	1	2	6.7	-1.6	12.8		2	5	81	1.2	31.4	
1984	3	2	6.1	10.3	2.8	12.3		2	6	83	1.7	27.8	
1984	3	3	13.1	18.5	8.7	13.1		1	6	72	1.5	51.2	
1984	4	1	13.3	18.9	8.5	2.8		1	3	57	1.9	65.2	
1984	4	2	15.5	22.1	9.9	2.8		1	3	57	2.2	64.6	
1984	4	3	18.4	25.3	12.2	7.5		1	3	58	1.7	78.2	
1984	5	1	19	25.4	13.5	2		1	3	57	1.8	66.1	
1984	5	2	19.1	25.5	13.2	3.2		1	4	48	2.3	67.1	
1984	5	3	25.1	33	17.1	0.5		0	2	42	1.5	119.2	
1984	6	1	26	33.4	19.2	1.1		0	4	44	2.2	101	
1984	6	2	24.8	32.4	17.8	1.8		1	4	43	2.1	127.1	
1984	6	3	28.2	36	20.8			0	0	39	1.7	120.6	
1984	7	1	27.9	35.9	20.4	0		0	1	44	1.5	123.4	
1984	7	2	29.4	37.2	21.5	0		0	1	42	1.6	119.5	
1984	7	3	28.2	35.5	20.4			0	0	44	1.7	141.2	
1984	8	1	27.8	36.3	19.6			0	0	51	1.5	122.3	
1984	8	2	27	34.9	20.3			0	0	56	1.5	114.2	
1984	8	3	25.4	34	17.4			0	0	51	1.5	128.4	
1984	9	1	21.1	29	14.5	8.7		2	2	57	1.5	91.1	
1984	9	2	20.6	27.9	14.5	1.6		1	2	58	1.6	82.9	
1984	9	3	16.6	25.5	9.5			0	0	55	1.3	99.4	
1984	10	1	15.1	22.4	8.9	0		0	2	56	1.6	74.6	
1984	10	2	14.6	23.5	7.3			0	0	55	1.3	89.5	
1984	10	3	9.5	16.6	4.1	0		0	1	61	1.9	82.3	
1984	11	1	10.2	16.5	4.9	0		0	2	63	1.8	61	
1984	11	2	7.9	11.6	5	34		4	5	77	1.4	23.6	
1984	11	3	5.6	9.3	2.5	4.7		1	3	80	1.5	19.7	
1984	12	1	-2.8	0.6	-5.2	37.4		5	6	86	1.3	4.7	
1984	12	2	-7.5	-3	-10.8	5.3		1	2	76	1.3	20.6	
1984	12	3	-11.1	-4.5	-15.6			0	0	61	1.3	45.9	
1985	1	1	-4.9	1.3	-9.4			0	0	70	1	41.6	
1985	1	2	-1.7	2.2	-5	19.8		4	5	81	1.1	20.1	
1985	1	3	-1.5	1.6	-4	7.1		3	5	87	1.2	16.3	
1985	2	1	1.6	6.7	-2.3	0		0	2	74	1.4	40.2	
1985	2	2	3.7	8.4	0.4	1.1		1	2	80	1.4	37.1	
1985	2	3	3.9	8.1	1	18.3		2	3	78	1.7	8.1	
1985	3	1	1.6	5.3	-1.2	16		4	4	79	1.4	16.6	
1985	3	2	5.4	10.6	0.5	1		0	3	64	1.2	63.1	
1985	3	3	11.8	16.3	8	13.4		2	7	71	1.4	39	
1985	4	1	14.7	20.4	9.8	16.8		3	3	67	1.6	62.2	
1985	4	2	16.1	23.6	10	0.6		0	2	55	2	85.4	
1985	4	3	22.2	29.9	14.3			0	0	43	1.6	99.8	
1985	5	1	18.5	24.2	13.6	18.5		4	9	65	1.6	52.8	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.		71°45' в.д.							
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1985	5	2	20.6	28	13.4	2.8		1	2	39	2.4	101.3	53
1985	5	3	23.1	30.4	16.1	5.4		1	2	50	1.8	107.7	51
1985	6	1	25	32.2	17.9	1		0	4	37	2.5	106.8	73
1985	6	2	26.5	34.2	18.3			0	0	43	1.4	112.2	59
1985	6	3	28.2	36	19.9			0	0	38	1.7	133.1	80
1985	7	1	29	37	21.6	0		0	1	42	1.6	118.4	71
1985	7	2	27.2	33.6	20.7	5.6		1	1	44	2.1	117.8	76
1985	7	3	28.3	35.7	21.5			0	0	49	1.7	115.2	71
1985	8	1	25.7	32.8	18.6	0		0	2	53	1.5	114.1	59
1985	8	2	25.7	32.4	18.2	0		0	1	52	1.6	110.2	59
1985	8	3	23.7	30.4	16.8	0		0	1	55	1.6	105.9	54
1985	9	1	22.1	30	14.9			0	0	52	1.6	106.5	55
1985	9	2	20.8	29.7	12.4			0	0	50	1.5	102.5	48
1985	9	3	20.2	28.9	12.6			0	0	54	1.5	97.2	41
1985	10	1	16	22.8	10.5	5.6		3	3	65	1.4	71.2	31
1985	10	2	10.3	18	4.7	1.2		1	1	67	1.2	58.2	21
1985	10	3	12.4	19	7.7	4.7		1	3	68	1.8	57.2	23
1985	11	1	8.7	15.6	3.7	0.4		0	3	63	1.3	64.8	18
1985	11	2	7.4	13.3	3.4	5.9		1	4	70	1.5	46.4	10
1985	11	3	1.6	7.7	-2.7	0		0	0	72	1.2	55	
1985	12	1	2.1	6.8	-1.2	14.3		2	3	74	1.4	25.4	
1985	12	2	0.2	3.6	-2.1	0.3		0	2	83	1.1	9.6	
1985	12	3	2.8	4.8	1.3	5.9		2	3	90	1.1	2.6	
1986	1	1	0.3	5.2	-3			0	0	79	1.1	35.6	
1986	1	2	3.1	8.1	-0.2	7.6		1	1	72	1.2	40.5	
1986	1	3	1.1	4.3	-1.3	1.4		0	4	79	1.4	21.9	
1986	2	1	2	6.7	-1.4			0	0	81	1.1	26.7	
1986	2	2	3.3	6.6	0.9	5.2		2	4	80	1.3	19.1	
1986	2	3	6	13.8	0.3			0	0	60	1.2	67.6	
1986	3	1	8.2	15.2	2.3	0		0	2	57	1.8	60.7	
1986	3	2	4.4	8.6	0.9	6.2		3	6	67	1.7	23.9	
1986	3	3	6.7	11.4	2.6	6.2		2	3	59	1.6	44.6	
1986	4	1	13.9	21.1	7.3	0		0	1	49	1.6	88.2	30
1986	4	2	19.2	26.1	13.2	9.6		2	4	56	1.7	86.4	38
1986	4	3	14.1	19.5	9.6	8.7		3	6	66	1.8	54.2	31
1986	5	1	21.8	29.4	14.4	0.8		0	2	49	1.6	102.6	47
1986	5	2	20.4	26.4	14.9	17.5		3	6	51	2.1	84.4	47
1986	5	3	21	28	14.3	4.3		1	3	50	1.6	87.3	51
1986	6	1	22.7	29.4	15.9	1.7		1	2	49	1.7	93.1	52
1986	6	2	25.3	32.4	18	1.8		1	2	45	1.6	106.9	56
1986	6	3	26.7	35.8	19	0		0	4	43	1.5	106.2	59
1986	7	1	28.1	34.7	20.7	0		0	1	36	2.1	128.7	69
1986	7	2	28.8	36.6	21.6			0	0	43	1.5	127.2	61
1986	7	3	26.7	33.9	20.2	1.3		1	2	54	1.6	104.4	56
1986	8	1	26.3	32.5	20.4	0		0	2	51	1.8	101.1	59
1986	8	2	24.9	33	17.2			0	0	51	1.5	120.1	53
1986	8	3	24.2	32.1	17			0	0	53	1.5	121.5	54
1986	9	1	22	30.5	14.1			0	0	50	1.5	109.7	52
1986	9	2	21.2	29.6	13.9			0	0	50	1.3	99.3	41
1986	9	3	21	29.3	13.8	1.3		1	1	56	1.5	88	36
1986	10	1	16.9	24.6	10.4	8		3	5	69	1.2	85.4	28
1986	10	2	12.5	19	7.4	11.3		3	5	70	1.7	69	23
1986	10	3	13.5	22	7.3	0.8		0	1	64	1.1	88.9	20
1986	11	1	12.8	21.2	6.6			0	0	63	1.2	71.4	16
1986	11	2	6.2	9.6	3.2	16.7		3	4	72	1.4	18.3	15
1986	11	3	-0.2	4.4	-3.2	3.3		2	3	76	1.3	35.9	
1986	12	1	4.3	8.3	1.4	12.3		2	5	77	2	28.7	
1986	12	2	-4.7	-0.2	-8.1	2.5		2	3	74	1.4	38.6	
1986	12	3	1.5	5	-1.7	1.4		1	3	84	1.3	14.2	
1987	1	1	3	8.9	-0.9	0		0	1	78	1.1	50.5	
1987	1	2	3.1	6.1	0.7	3.8		1	4	80	1.2	8.1	
1987	1	3	2.1	7.5	-1.9	0.2		0	1	72	1.2	50.9	
1987	2	1	3	7.6	0.3	19		3	4	85	1.3	19.7	
1987	2	2	2.3	6	-1	2.8		2	4	77	1.8	23	
1987	2	3	7.5	13.1	2.6	1.4		1	2	73	1.2	41.7	
1987	3	1	10.7	15.2	7.4	25.1		3	6	79	1.2	21.8	
1987	3	2	10.5	14.8	6.5	8.5		3	4	73	1.8	24.2	
1987	3	3	11.6	16.6	7.5	8.5		2	6	68	1.7	59.3	
1987	4	1	11.3	15.6	7.4	2.2		1	3	63	1.8	34	23
1987	4	2	14.9	20.3	9.9	20.5		2	5	64	1.8	53.6	25
1987	4	3	14.9	20.5	9.9	28.6		3	4	71	1.6	59.9	23
1987	5	1	17.8	23.3	11.1	4.3		1	2	46	2.5	96.7	46
1987	5	2	24.4	29.8	15.4	5.4		1	3	46	2.3	105.9	54
1987	5	3	25	30.7	16.5	3.1		2	5	50	1.4	98.4	47
1987	6	1	23.9	30.2	18.1	8.1		2	7	52	1.7	89	54
1987	6	2	24.2	31.1	17.3	4.3		1	2	42	2.3	97	72
1987	6	3	23.9	31.7	16.2	1.8		0	5	49	1.6	103.8	54
1987	7	1	26.2	34.1	18.8	4.4		1	2	52	1.5	116.7	60
1987	7	2	23.9	30.3	18.2	3.4		1	5	59	1.7	88.6	59

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.		71°45' в.д.							
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1987	7	3	26.4	34.2	19.6	1.7		1	2	53	1.7	122.8	66
1987	8	1	26.8	34.7	19.1			0	0	53	1.3	126.8	64
1987	8	2	27.5	35.6	20.1	0		0	1	56	1.3	108.3	58
1987	8	3	24.9	32.2	17.8	0		0	1	56	1.5	119.5	58
1987	9	1	22.5	29.5	15.8	5.8		1	2	58	1.6	96.6	50
1987	9	2	20.5	29	13.8	3.1		1	1	59	1.3	89.1	40
1987	9	3	17.2	24.9	11	0.7		0	2	67	1.1	86.1	31
1987	10	1	15.8	21.8	11.2	54.9		3	3	71	1.2	56.8	25
1987	10	2	9.1	15.5	4.5			0	0	70	1.2	73.1	19
1987	10	3	6	10.8	2	81.1		6	6	78	1.2	40.6	15
1987	11	1	6.7	13.1	1.8	2.3		1	2	78	1.2	51.4	
1987	11	2	7.3	12.8	3.4	0.4		0	1	81	1.3	42.3	
1987	11	3	2.8	6	0.2	9.8		3	4	81	1.3	17	
1987	12	1	0.1	6.1	-3.3	4.5		1	2	76	1.2	44	
1987	12	2	4.2	8.7	1.3	1.8		1	2	85	1.2	19.4	
1987	12	3	5.1	9.7	1.6	15.9		2	2	82	1.4	18.9	
1988	1	1	1.2	4.6	-1.4	11.7		3	3	83	1.7	27	
1988	1	2	1.9	4.4	-0.1	8.1		1	4	85	1.3	14.1	
1988	1	3	0.2	4.5	-3.1	19.3		2	2	80	1.5	25.1	
1988	2	1	1.5	5.1	-1.1	9.4		3	6	79	1.7	20.7	
1988	2	2	3	7.7	-0.2	4.6		1	2	79	1.2	30.8	
1988	2	3	5.1	11.1	0.3			0	0	71	1.4	63.3	
1988	3	1	9.5	16	4.9	7.4		1	2	65	1.7	44.3	
1988	3	2	8.7	14	4.5	2		1	3	69	1.8	55.9	
1988	3	3	6.8	11.2	3.8	45.5		5	6	81	1.5	23.5	
1988	4	1	11.6	16.4	7.7	4.6		2	5	67	2.1	33.3	16
1988	4	2	17.9	25.5	11	1.4		1	4	60	1.7	96.1	27
1988	4	3	22.8	30.3	15.8			0	0	48	1.7	99.1	40
1988	5	1	16.9	23.8	11.2	14.1		2	3	65	1.8	80.6	32
1988	5	2	19.1	25.5	13.3	12.3		4	6	61	1.9	78.4	33
1988	5	3	20.8	27.5	15.3	15.2		2	7	56	2.2	74.9	40
1988	6	1	22.7	30.5	15.5	0.4		0	2	48	1.8	105.5	48
1988	6	2	28	37.1	18.9			0	0	45	1.5	136.8	53
1988	6	3	28.2	34.8	21.4	7.2		2	2	47	2.1	112.4	69
1988	7	1	28.6	36.4	21.1	0		0	1	46	1.6	120.1	65
1988	7	2	29.9	36.9	23.2	0		0	2	46	1.9	116.1	69
1988	7	3	26.8	34.2	20.1	2.5		1	3	49	1.8	119.5	61
1988	8	1	26.8	33.9	20	0		0	3	54	1.5	117.9	60
1988	8	2	25.8	33.6	18.3			0	0	51	1.5	112.7	61
1988	8	3	23.6	31.5	16.7	0		0	2	52	1.7	109.3	55
1988	9	1	24.9	32.5	17.4			0	0	56	1.6	109.4	49
1988	9	2	21.8	30.4	14.5	0		0	1	55	1.6	106.1	48
1988	9	3	16.1	24.1	9.6			0	0	60	1.7	102.2	42
1988	10	1	14.6	23.2	7.8			0	0	56	1.4	95.2	29
1988	10	2	12.8	20.2	6.7	3.8		1	2	60	1.5	82.7	23
1988	10	3	11.7	18.3	7.1	14.4		2	3	76	1.3	56.4	15
1988	11	1	12	20	6.7	1.1		1	2	69	1.5	67	15
1988	11	2	9.8	17.5	4.7			0	0	60	1.9	63	17
1988	11	3	7.5	12.3	4.3	0		0	1	76	1.2	33.7	9
1988	12	1	4.9	11.5	1.1	14.1		1	4	82	1.3	49.2	11
1988	12	2	5.7	10.8	2.1	0		0	1	81	1.3	30.7	6
1988	12	3	2.5	6.6	-0.5	34.9		3	4	81	1.5	39.6	8
1989	1	1	-3.6	0.7	-6.7	6.1		2	4	87	1.5	26.8	
1989	1	2	-2.5	3.7	-6.5	3.6		1	1	78	1.1	44.4	
1989	1	3	-1.1	2.6	-4.1	1.2		0	2	79	1.4	49.4	
1989	2	1	-1.4	2.7	-4.8	1.6		1	1	78	1.3	53.7	
1989	2	2	-1.9	1.9	-4.8	0.6		0	5	78	1.3	21	
1989	2	3	1.8	4.7	-0.3	7.6		2	6	84	1.1	10.4	
1989	3	1	5	11	0			0	0	66	1.3	67	
1989	3	2	10.6	17.2	5.7	1.1		1	1	62	1.5	55.2	
1989	3	3	13.3	19.9	7.7	2		1	3	57	1.8	69.9	
1989	4	1	11.3	17.7	5.9	0		0	1	49	2.3	82.9	31
1989	4	2	13.8	21.1	7.2	11.4		2	3	49	2.1	87.7	31
1989	4	3	17.1	24.4	9.9	0		0	2	43	2.5	85.8	38
1989	5	1	12.9	18.6	8.1	10.7		2	3	63	1.5	44.3	25
1989	5	2	20.8	27.9	14.2	0.8		0	4	49	1.9	97.5	39
1989	5	3	22.7	30.1	15.5	0		0	3	47	1.7	110.7	52
1989	6	1	24.2	31	17.9	2.2		1	7	46	2.3	91.9	55
1989	6	2	24.5	31.8	16.7	0.3		0	3	39	2.2	125	66
1989	6	3	26.7	35	18.9	0		0	2	39	1.7	122.6	60
1989	7	1	26.5	35.3	18.1	0.9		0	2	45	1.8	126.6	64
1989	7	2	27.9	34.9	21.3	0.9		0	2	41	2.3	114.9	78
1989	7	3	26.5	33.6	20.5	0		0	2	54	1.5	107.5	63
1989	8	1	26.2	35.2	17.4			0	0	51	1.4	121.2	67
1989	8	2	26.1	34	18.9			0	0	51	1.8	118.1	70
1989	8	3	23.6	31.4	17	0		0	2	57	1.3	101.8	56
1989	9	1	19.5	28.8	11.4			0	0	51	1.4	112.9	59
1989	9	2	21.8	31.7	13.9			0	0	55	1.4	103	44
1989	9	3	16.7	23.8	11.3	1.6		0	3	58	1.7	77.8	40

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.		71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1989	10	1	18.6	28.5	11.4	0	0	1	59	1.3	87.9	31
1989	10	2	14.1	22.4	8.1	0	0	1	62	1.2	77.9	27
1989	10	3	12.1	18.2	7.2	3.9	1	1	68	1.7	75.2	22
1989	11	1	4.1	9.5	0.6	43.5	3	3	84	1.3	38.7	12
1989	11	2	6	12.7	1.5	0	0	1	78	1.1	57.3	8
1989	11	3	5.7	12.8	0.8	3.6	1	1	72	1.4	63.7	14
1989	12	1	7	11.6	3.9	3.4	1	3	84	1.2	29.6	
1989	12	2	4	8	1.4	5.3	1	3	88	1	19.3	
1989	12	3	0.8	3.2	-0.8	5.4	2	5	92	0.9	4.7	
1990	1	1	-0.2	2.4	-2.6	19.1	4	6	88	1.1	8.7	
1990	1	2	-1.8	2.5	-5.4	12.7	3	3	83	1.2	29.5	
1990	1	3	0.6	4.5	-1.7	12.3	3	4	83	1.2	37.4	
1990	2	1	1.5	4.4	-0.6	11	2	6	84	1	15.2	
1990	2	2	5.2	10	1.8	4.1	1	4	79	1.1	35.5	
1990	2	3	4.8	8.5	1.8	1	0	4	78	1.3	20	
1990	3	1	8.7	15.1	3.7	0.4	0	1	61	1.8	66.7	21
1990	3	2	7.7	12.6	4.4	19.3	5	7	73	1.7	26	18
1990	3	3	8.8	14.8	3.4	3	2	2	65	1.4	78.9	18
1990	4	1	13.6	19.7	8.8	21.7	2	4	68	1.5	60.8	26
1990	4	2	14.2	19.9	9.7	12.5	3	6	69	1.6	61	23
1990	4	3	17	23.9	10.6	7.8	1	2	63	1.5	85.3	29
1990	5	1	21.6	28.3	15.5	1.4	0	4	62	1.4	81.9	34
1990	5	2	22	29.3	15	5.7	3	5	59	1.6	100.5	43
1990	5	3	22.7	29.3	16.2	5.4	3	7	56	1.5	92.4	44
1990	6	1	25.5	32.4	18.9	16.4	2	6	55	1.6	93.2	58
1990	6	2	27.8	35.8	20.2	0	0	1	46	1.4	130.3	69
1990	6	3	29.5	37.1	21.6		0	0	44	1.3	126.2	80
1990	7	1	26.2	31.9	20.5	4.5	1	6	54	1.6	91	74
1990	7	2	25.4	32.6	18.8	5	1	3	58	1.5	106.2	64
1990	7	3	27.3	34.7	20.3	4.5	2	2	54	1.5	131.4	69
1990	8	1	27.7	34.8	20.6	0	0	1	54	1.2	117.2	72
1990	8	2	26.6	34.1	19.6	0	0	1	51	1.3	110.7	65
1990	8	3	24.6	32	18.2	0.3	0	2	59	1	106.4	62
1990	9	1	22.1	30	15.4	0.6	0	1	60	1	101.2	48
1990	9	2	21.8	31.4	13.3		0	0	56	1.1	103.7	51
1990	9	3	20	29.1	12.7		0	0	54	1.2	102.1	45
1990	10	1	16.6	25.4	9.8	0.7	0	1	58	1.1	89	38
1990	10	2	10.9	18.7	5.1	0	0	1	60	1.8	66.2	34
1990	10	3	12.4	19.8	6.9	7.8	2	4	64	1	58.2	20
1990	11	1	12	19.2	6.9	1.8	1	1	70	1	63.4	18
1990	11	2	9.2	14.1	5.4	3.8	2	2	75	1	34.5	12
1990	11	3	5.1	12.6	0.4		0	0	66	1.3	62.5	11
1990	12	1	5.8	12.7	1.3	1.7	1	2	66	1	43.8	
1990	12	2	1.9	4.3	0.5	11.5	4	5	93	0.9	4.1	
1990	12	3	-2.3	-0.3	-4.1	14.8	4	9	86	1.1	2.4	
1991	1	1	-3.4	1.8	-7.1	0.6	0	2	77	1.1	41.9	
1991	1	2	-1	2.3	-3.4	11.8	1	5	86	1.1	19.1	
1991	1	3	0.7	4.8	-1.9	17	2	4	80	1	19.1	
1991	2	1	2.8	6.7	-0.2	7.3	3	3	79	1.2	21.5	
1991	2	2	-0.7	3.4	-3.6	9.1	2	4	75	1.4	47.3	
1991	2	3	4.7	9.8	0.9	4.9	1	2	76	1.3	35.5	
1991	3	1	5.8	9.7	2.7	20.7	4	5	78	1.4	20.5	11
1991	3	2	6.7	11	3.3	25.3	4	4	76	1.5	34.5	12
1991	3	3	11.5	17	7.1	6	1	4	67	1.3	58.7	17
1991	4	1	16.1	21.6	11.6	1.4	0	3	67	1.5	60.1	24
1991	4	2	14.9	21.4	9.1	1.7	1	1	54	1.8	84.9	34
1991	4	3	19.9	26.8	13.1	0	0	4	48	1.6	99.3	44
1991	5	1	19	25.1	13.3	0.1	0	5	48	1.7	77	46
1991	5	2	20.3	26.1	15.1	10.4	2	6	63	1.4	56	39
1991	5	3	21.1	28.5	14.4	8	1	8	56	1.7	110.5	50
1991	6	1	25.3	32.5	18.7	8.4	2	4	53	1.6	98.3	59
1991	6	2	24.9	32.4	18.1	22.6	1	3	54	1.6	114.6	68
1991	6	3	23.9	30.6	17.2	1.8	1	2	53	1.5	104.5	56
1991	7	1	28.2	35.9	20.4		0	0	45	1.6	120.7	76
1991	7	2	25.6	32.4	18.9	0.3	0	5	54	1.4	104.5	64
1991	7	3	27.3	35.1	19.8	5.1	2	3	51	1.2	131.5	72
1991	8	1	25.6	32.2	18.7	2.2	1	3	51	1.2	103.7	67
1991	8	2	25.9	33.4	18.5	0	0	2	53	1.5	106.7	61
1991	8	3	22.4	31.7	13.3		0	0	50	1.3	127.4	57
1991	9	1	23.3	31.8	14.9		0	0	51	1.3	109.6	55
1991	9	2	19.6	27.8	12.4		0	0	55	1.3	101.8	51
1991	9	3	18.3	24.7	13.4	6.3	2	5	63	1.4	51.7	36
1991	10	1	15.9	22.8	10.2	0	0	3	68	1.1	66.7	27
1991	10	2	12	19.7	5.8	0	0	1	61	1.2	79.4	25
1991	10	3	13.6	22.7	6.9		0	0	56	1	95.1	23
1991	11	1	9.8	16.7	4.5	17	1	1	72	0.9	69.7	16
1991	11	2	7.3	12.5	3.1		0	0	84	0.9	17.4	7
1991	11	3	4.6	8.5	1.4	1.7	1	4	84	1	27.6	9
1991	12	1	5.8	10.6	2.4	5.3	2	3	79	1.2	32.2	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.		71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1991	12	2	3.6	6.3	1.8	43		7	89	1.3	5.4	
1991	12	3	-0.4	3.4	-2.9	0		0	83	0.9	35.4	
1992	1	1	0.8	3.1	-0.9	16.6		3	85	1.2	9.9	
1992	1	2	1.9	6.8	-1.3			0	75	1.2	49.1	
1992	1	3	1.2	4	-0.8	6.5		2	84	1.2	11.5	
1992	2	1	3.4	8.6	-0.1	3.9		1	78	1.2	42.8	
1992	2	2	3.2	8.8	-1	0.1		0	66	1.9	53.7	
1992	2	3	5.5	10.3	1.3	8.8		3	70	1.7	26.5	
1992	3	1	4.7	9.7	0.9	6.5		1	68	1.6	43.3	
1992	3	2	5.1	9.1	2.1	17.5		3	67	1.6	35.8	
1992	3	3	9.4	15	4.3	2.3		1	62	1.4	51.7	16
1992	4	1	13.6	19.5	8.2	4		2	63	1.5	67.2	22
1992	4	2	17.2	23.9	11.4	0		0	54	1.7	68.6	30
1992	4	3	17.7	23.1	13.5	18.1		4	69	1.5	49	27
1992	5	1	13.9	19.1	9	4		2	58	1.7	59.2	31
1992	5	2	20.1	25.1	16.1	9.5		3	71	1.7	51	31
1992	5	3	20.7	27.4	14.4	15.2		2	55	1.7	115	52
1992	6	1	24.3	31.1	18.1	26.1		2	54	1.8	99.4	61
1992	6	2	23.9	31.1	17.2	3.3		2	48	1.7	109.4	64
1992	6	3	25.3	32.2	18.9	2.2		1	48	1.8	103.8	71
1992	7	1	25	32.3	18	6.5		3	53	1.5	117.1	69
1992	7	2	27.4	34	21.2	0.3		0	52	1.4	106.3	68
1992	7	3	27.7	34.2	20.7	0		0	45	1.6	127.9	82
1992	8	1	23.5	30.1	17.2	6.9		3	60	1.4	89.1	58
1992	8	2	24.2	31	17			0	52	1.7	119	64
1992	8	3	24.8	31.9	18.3	0		0	48	1.5	106.5	64
1992	9	1	21	27.6	14.9	0		0	57	1.6	97.6	54
1992	9	2	19.4	27.7	12	0		0	52	1.5	105.8	48
1992	9	3	18.4	25.7	12.2	8.4		2	59	1.3	80.1	38
1992	10	1	13.3	21.2	6.8	0		0	65	1.2	85.8	27
1992	10	2	12.3	19.4	6.9	0.5		0	68	1	67.4	24
1992	10	3	12.9	21.6	6.4			0	60	1	89.5	22
1992	11	1	8.7	17.8	2.4			0	54	1.3	68.4	21
1992	11	2	11.7	16.5	8	3		1	68	1	30.5	14
1992	11	3	6.8	14	1.9			0	66	1.2	67.8	13
1992	12	1	4.2	9.2	0.9	0.4		0	73	1.2	21.1	
1992	12	2	5.2	9.9	2.1	2.5		1	78	1.1	27.9	
1992	12	3	2.7	6.1	0	11.5		1	81	1.3	6.7	
1993	1	1	-2.8	0.4	-5.4	10		2	83	1.1	19.5	
1993	1	2	-2.2	2	-5.4	4		1	80	1	27.6	
1993	1	3	-0.2	6.6	-4.7			0	69	0.9	79.9	
1993	2	1	5.9	10.2	3	8.8		2	83	1.2	26.9	
1993	2	2	1.7	5.4	-1.1	23.4		4	83	1.1	26	
1993	2	3	3.5	8.3	-0.3	0		0	73	0.9	33.6	
1993	3	1	7.3	11.6	3.7	4.2		1	76	1.4	18.8	
1993	3	2	6.5	11.1	2.6	13.9		3	64	1.6	65.8	
1993	3	3	8.8	13.8	4.4	8.1		2	60	2	62.5	
1993	4	1	12.9	19.5	6.5	0		0	50	1.6	84.5	30
1993	4	2	16.9	24	10.5	4.7		1	56	1.6	89.4	33
1993	4	3	17.1	23.3	11.8	13.5		2	64	1.3	54.8	33
1993	5	1	16.2	21.4	11.6	42.8		7	71	1.4	50.2	32
1993	5	2	17	23.1	11.6	8.4		3	63	1.4	86.4	39
1993	5	3	20.9	26.3	16.4	35.5		4	71	1.4	78.6	37
1993	6	1	23.6	31.1	16.7	0.4		0	55	1.5	114.8	50
1993	6	2	25.9	33.4	19	4.8		2	48	1.6	125.4	73
1993	6	3	26.3	33.3	19.6	8.9		1	52	1.5	123.1	71
1993	7	1	28.1	35.4	21.3	0.1		0	43	1.5	126.8	80
1993	7	2	27.4	35	20.1	0		0	44	1.5	128.6	75
1993	7	3	26.5	32.8	20.5	0		0	44	1.9	120.2	76
1993	8	1	24.7	31.7	17.9	1.6		1	52	1.3	105.9	64
1993	8	2	25.3	32.5	17.8	0		0	46	1.5	107.2	66
1993	8	3	24.4	31.8	17.3	1.5		1	52	1.4	119.3	61
1993	9	1	23	30.7	15.8			0	51	1.3	113.4	58
1993	9	2	21	28.8	14.2	1.5		1	58	1.4	98	47
1993	9	3	18.2	25.6	11.9	0		0	55	1.2	92.1	42
1993	10	1	12.9	18.2	8.3	25.5		3	69	1.2	52.3	28
1993	10	2	12.6	19.7	7.1	0		0	68	1	81.1	20
1993	10	3	10.4	17.9	4.9			0	63	1.2	85.1	20
1993	11	1	6.6	10.2	4.5	44.4		3	86	0.9	15.4	8
1993	11	2	7.5	11.5	4.4	6.5		3	81	1.2	22.9	10
1993	11	3	2	4.8	-0.1	32.7		4	87	1.1	5	
1993	12	1	0.2	2.2	-1.3	20.2		2	91	1	1.4	
1993	12	2	-0.3	2.8	-2.1	2.7		1	95	0.8	14.4	
1993	12	3	2.3	6.3	-0.3	14.5		1	86	0.8	30.8	
1994	1	1	1.6	4.9	-0.8	10.5		1	84	1.1	27.4	
1994	1	2	-3.1	2.4	-7			0	80	0.9	55.3	
1994	1	3	1.1	6	-2.7	1.3		0	76	1	41.6	
1994	2	1	1.2	4.9	-1.6	8.4		5	80	1.3	34.4	
1994	2	2	-3.4	0.4	-6.2	15.4		3	81	1.1	23.6	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m		Координаты:		40°23' с.ш.		71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
1994	2	3	0.1	4.3	-2.8	0	0	1	78	0.9	19.7	
1994	3	1	6.8	11.1	3.5	13.5	4	5	79	1.2	36	
1994	3	2	10.5	15.8	6.2	8	2	3	67	1.4	64.7	16
1994	3	3	14	20.8	8.2	0.9	0	2	57	1.2	91.2	22
1994	4	1	9.6	14.6	5.6	1	1	5	59	2.2	8.4	27
1994	4	2	13.8	20.2	8.1	0.9	0	5	52	1.7	78.6	24
1994	4	3	17.5	24.2	11.3	4.5	2	3	48	2.1	88.8	37
1994	5	1	19.1	26.2	13	2.2	1	2	57	1.7	85.4	35
1994	5	2	22.4	30	15	5	1	3	48	1.4	114.6	49
1994	5	3	23.8	31.1	16.8	1.2	0	6	46	1.6	130	62
1994	6	1	25.8	32.9	18.9	1.2	1	3	42	1.6	102.4	66
1994	6	2	25.3	32.6	18.2	0.3	0	4	47	1.4	114	69
1994	6	3	28.3	35.7	21.5	2.2	1	3	46	1.3	109.4	72
1994	7	1	29.6	36.6	22.9	0.1	0	2	46	1.2	113.6	80
1994	7	2	26.2	32.9	19.2	2.7	1	2	47	1.3	115.8	75
1994	7	3	27.6	34.8	20.3		0	0	44	1.3	133.9	76
1994	8	1	28.1	34.7	21.7	1.1	0	2	44	1.6	109.6	75
1994	8	2	26.6	34.3	18.8		0	0	47	1.3	120.7	69
1994	8	3	25.3	32.1	18.5		0	0	49	1.3	120.4	63
1994	9	1	20	27.7	12.9	0.5	0	1	50	1.2	101.3	54
1994	9	2	16.6	23.2	10.5	15.1	2	2	54	1.5	79.7	47
1994	9	3	17.6	25.4	11.1	0	0	1	60	1.1	99.2	32
1994	10	1	17.8	24.8	12.4	0	0	3	59	1.1	85.2	33
1994	10	2	15.3	23.2	8.9		0	0	55	1.1	82.5	31
1994	10	3	11	16.8	6.4	5.4	1	2	69	1.1	53.5	17
1994	11	1	12.2	18.6	7.7	6.5	3	4	72	1.3	40.4	14
1994	11	2	8.8	14.7	4.7	2.8	1	4	79	1.1	43.5	13
1994	11	3	9.2	14.2	5.4	21.5	1	2	80	0.8	36.9	
1994	12	1	4.9	9	2.2	19.7	5	6	81	1.1	28.7	
1994	12	2	1.3	7.6	-2.5	0	0	1	75	0.8	43.3	
1994	12	3	-0.3	2.8	-2.3	16.1	4	5	86	0	13.1	
1995	1	1	-1.1	4.2	-4.1	6.4	2	5	83	0.8	36.4	
1995	1	2	-1.2	2.2	-3.6	12.4	2	4	85	0.7	23.1	
1995	1	3	-1.7	2.7	-5		0	0	83	0.9	32.5	
1995	2	1	3.3	9.2	-0.4	9	2	2	80	0.8	45.2	
1995	2	2	3.4	7.6	0.3	8.5	2	3	76	1.2	46	
1995	2	3	2.4	7.9	-1.6	1.1	1	2	67	1	51	
1995	3	1	5.7	10.5	2.4		0	0	68	1	44.3	
1995	3	2	10.3	16.7	4.9	0	0	1	53	1.5	73	
1995	3	3	12.6	17.7	8.3	5.4	1	6	64	1.2	55.7	
1995	4	1	12.7	18.7	7.7	1.3	2	4	58	1.3	61.5	24
1995	4	2	17.3	23.7	11.5	1.5	1	2	52	1.5	91	32
1995	4	3	18.6	24.9	12.8	1.2	0	5	56	1.2	75.6	33
1995	5	1	22.7	29.8	15.9	7.5	1	3	54	1.2	85.9	40
1995	5	2	22.2	29.5	15	0	0	3	47	1.3	105.2	51
1995	5	3	20.3	26.3	14	1	0	4	45	1.8	102.6	70
1995	6	1	25	32.5	17.5	1.6	1	3	44	1.1	96.1	60
1995	6	2	27.5	34.5	21	0	0	9	40	1.3	108.8	78
1995	6	3	26.3	33.7	19.8	0	0	4	49	1.2	97.1	62
1995	7	1	28.9	36.5	21.6	0	0	5	41	1.3	113.1	78
1995	7	2	29.3	36.5	22.1	0	0	1	39	1.1	123.9	84
1995	7	3	26.4	34.3	18.5	3.4	1	2	48	1.2	118	70
1995	8	1	28	35.8	20.3	0	0	2	41	1.1	113.5	75
1995	8	2	27.2	35.4	19.7		0	0	43	1.1	109.2	71
1995	8	3	25.3	33	18.1	0.3	0	3	45	1.1	113.2	66
1995	9	1	21.7	29.6	14.3		0	0	42	1.1	97.4	58
1995	9	2	22.6	31.4	14.8		0	0	40	1	96.5	52
1995	9	3	18.4	25.5	12.6	6.8	2	2	63	1	82	39
1995	10	1	18.1	25.2	12	2.9	1	3	60	0.9	73.1	33
1995	10	2	11.5	17.7	6.4	8.4	3	4	67	1.3	65.7	31
1995	10	3	10	18.2	3.6	0	0	1	61	0.8	90.2	21
1995	11	1	12.7	21.4	6.6		0	0	52	1	77.2	20
1995	11	2	9.1	15.9	4	0	0	1	53	1.2	64.9	24
1995	11	3	5.2	13	0.1	0	0	1	52	1.2	71.7	
1995	12	1	2.5	7.6	-0.9	6.2	2	5	75	1	33.3	
1995	12	2	-2.1	1.5	-4.5	2.7	1	3	82	0.8	22.6	
1995	12	3	-0.8	4.5	-4.4	1	1	1	85	0.7	47.3	
1996	1	1	1.8	7.5	-1.7	6	2	3	79	1.1	32.2	
1996	1	2	-5.7	-0.7	-9.4	0	0	1	71	0.9	51	
1996	1	3	-0.7	4	-4.3	0	0	2	73	0.9	49.1	
1996	2	1	1.5	6.8	-2.4	5.5	1	2	78	1	42	
1996	2	2	0.1	3.9	-2.8	22.4	4	6	82	1.1	26.7	
1996	2	3	3	6.9	0	4	1	4	73	1.1	34.5	
1996	3	1	7.3	11.5	3.9	9.7	3	7	79	1	26	
1996	3	2	6.7	10.4	3.9	8.8	3	8	75	1.2	12.5	
1996	3	3	8.2	13.5	4.1	4.3	1	6	69	1.3	64.1	
1996	4	1	9.3	14	5.2	1.6	1	6	54	1.4	57.1	27
1996	4	2	14.8	20.1	10.6	19	2	4	69	1.1	35.7	17
1996	4	3	17	22.5	11.4	8.4	2	5	60	1.6	81.3	33

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m			Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1996	5	1	16.9	23.3	10.3	6.8		2	4	54	1.1	92.6	43
1996	5	2	20.9	28.3	13.5	0.6		0	4	52	1.3	100.5	55
1996	5	3	21.1	28.2	14.7	16.8		3	5	59	1.2	98.1	47
1996	6	1	25.9	33.4	18.2	0		0	5	45	1	116	68
1996	6	2	23.6	29.6	18.2	0.9		0	7	53	1.4	79.2	60
1996	6	3	26.6	34.5	19.7	0		0	5	47	1.2	92.3	72
1996	7	1	26.9	34.4	19.3	0.3		0	2	46	1.1	114.9	76
1996	7	2	25.7	32.4	19.4	1.2		0	7	48	1.2	105.6	73
1996	7	3	29.2	37	21.8	0		0	1	48	1.1	125.7	77
1996	8	1	28.7	36.7	20.7			0	0	44	1.2	110.5	81
1996	8	2	24.7	31.3	18.1	0		0	2	46	1.3	91.8	81
1996	8	3	23	31.4	15.3	0		0	1	44	1.2	109.9	67
1996	9	1	21.3	30.8	13.3			0	0	49	0.9	100.5	54
1996	9	2	23.3	31.7	15.9			0	0	51	1.1	99.1	53
1996	9	3	19.5	26.9	13.2	9.4		2	3	64	1	81.5	39
1996	10	1	13.7	21.5	7.7	0.5		0	2	61	0.9	89.1	35
1996	10	2	13.7	18.9	9.9	11.2		3	5	74	0.9	49.4	25
1996	10	3	12.4	21.1	6.3			0	0	61	0.9	92.2	27
1996	11	1	10.1	15.9	5.8	0.9		0	2	73	0.8	48.9	18
1996	11	2	4.2	9.3	0.8	10.6		2	2	82	0.7	47	
1996	11	3	0.6	7.4	-3.5			0	0	85	0.5	53.2	
1996	12	1	-1.2	3.7	-4			0	0	86	0.6	35.1	
1996	12	2	3.6	10.5	-0.4	0		0	1	70	0.8	50.8	
1996	12	3	5.8	12.7	1.4	2.6		1	1	72	0.9	58.2	
1997	1	1	5.1	11.6	1			0	0	76	0.7	37.8	
1997	1	2	2.8	7.3	-0.3	3		1	3	75	1.5	21.8	
1997	1	3	0.3	5.1	-2.9	5.6		2	3	73	0.9	43.5	
1997	2	1	0	5.9	-4	0		0	2	68	1.1	51.5	
1997	2	2	3.4	10.8	-1.8			0	0	56	1.3	80.4	
1997	2	3	4.3	9.6	0.3	9.9		1	4	69	1.2	41	
1997	3	1	7	11.9	3.2	12.5		3	3	74	1.3	30.1	
1997	3	2	7.8	13.4	3.4	0		0	1	66	1.1	57.4	
1997	3	3	12.2	19.1	7.1	10.6		1	2	62	1.2	78.8	
1997	4	1	15.5	20.7	10.9	19.3		2	6	68	1.2	59.4	28
1997	4	2	14	19.5	9.3	13.6		3	4	73	1.1	58.1	23
1997	4	3	21.5	29	15.1	1.5		1	4	62	1.1	87.5	44
1997	5	1	18.2	23.6	13.9	4.7		2	5	63	1.2	50.8	47
1997	5	2	18.4	25.1	11.7	8		1	5	54	1.3	94.9	47
1997	5	3	24.6	32.1	17.3	0		0	3	48	1.1	110.3	55
1997	6	1	25.4	33.1	18.8	5.4		2	4	51	1.3	97.7	62
1997	6	2	24.6	32	17.8	5		1	3	52	1.2	88.6	63
1997	6	3	27.3	34.7	19.8	9.6		2	5	47	1.2	109.8	67
1997	7	1	28	35.9	20.3	3.5		1	4	47	1.1	105.8	65
1997	7	2	29.7	38.5	21.9	0		0	1	44	1.1	121.1	72
1997	7	3	28.1	35.6	20.7	0		0	1	42	1.1	124	67
1997	8	1	25.3	32.9	18.8	5.1		2	3	51	1	98.4	61
1997	8	2	26.6	35.7	18.1			0	0	46	0.9	107.7	43
1997	8	3	24.4	32.3	17.1	0		0	1	44	1.2	110.3	43
1997	9	1	21.6	29.7	14.4			0	0	48	0.8	99.6	37
1997	9	2	20.9	29.7	13.7			0	0	50	0.9	99.8	30
1997	9	3	20.6	30.2	13.4			0	0	49	0.9	96.4	22
1997	10	1	19.5	28	13.1	0		0	1	54	1	82.4	17
1997	10	2	16.7	25.6	10.3			0	0	56	0.8	90.8	14
1997	10	3	14	21.8	8.4	0		0	1	61	0.8	79	12
1997	11	1	8	14.8	3.6	2.5		1	2	72	0.9	39.8	
1997	11	2	7.3	13.9	2.8	0.3		0	1	75	0.8	48.9	
1997	11	3	1.4	6.8	-1.9			0	0	82	0.6	36.1	
1997	12	1	2	7.6	-1.4	0		0	1	80	0.6	33.1	
1997	12	2	2.6	7.8	-0.6	4.1		1	3	76	0.7	23.2	
1997	12	3	-0.3	2.2	-2.2	5.8		3	6	90	0.7	8.9	
1998	1	1	1.3	5.3	-1.1	10.5		2	3	84	0.8	24.1	
1998	1	2	-0.6	2.4	-2.8	2.8		2	4	86	0.8	5.5	
1998	1	3	-0.5	2.4	-2.5	2.1		1	3	88	0.8	7.4	
1998	2	1	4	8.5	0.8	25.2		3	4	80	0.9	32.7	
1998	2	2	-0.7	2.6	-3.1	16.7		4	5	85	0.9	17.8	
1998	2	3	0.5	4.8	-2.5	2.1		1	2	79	0.8	20	
1998	3	1	3.1	7.4	0.1	1.7		1	3	71	1.1	34.5	
1998	3	2	10.1	15	5.8	9.3		1	2	67	0.8	41.9	
1998	3	3	12.2	18.1	6.6	3.4		1	4	60	1.1	81.3	
1998	4	1	14.1	19.4	9.8	26.6		2	5	72	0.8	48.5	15
1998	4	2	20.3	27.8	13.5	3.1		1	3	53	1.2	88.5	32
1998	4	3	16.9	21.8	12.7	14.5		4	7	72	1	51.5	21
1998	5	1	16.4	21.5	12.1	2.9		1	5	65	1.2	47.2	28
1998	5	2	18.7	24.6	13.3	27.5		5	7	67	1.2	71.7	25
1998	5	3	21.7	28.1	16	3.6		2	4	65	1	86.9	39
1998	6	1	23.3	29.9	17.5	7		3	9	61	1.2	97	53
1998	6	2	22.5	29.4	16.7	4.3		1	8	59	1.2	82.5	50
1998	6	3	27.4	34.5	20.8	9.1		1	2	54	1.1	112.1	68
1998	7	1	29.1	36.4	22.1	0.7		0	2	50	0.8	120	71

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m			Координаты:			40°23' с.ш.	71°45' в.д.						
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]	
1998	7	2	29	35.7	22.8	0	0	2	43	1.1	110.5	84	
1998	7	3	26.7	33.6	20.6	6	3	4	55	1.1	104.5	66	
1998	8	1	27.5	34.3	21.5	0.1	0	8	52	1.1	87.5	65	
1998	8	2	27	34.3	20.5	1.1	0	2	50	1.2	96.2	70	
1998	8	3	25.6	34	18.2	0	0	3	51	1	114	63	
1998	9	1	25.5	33.5	18.9		0	0	50	1	99	60	
1998	9	2	19.4	27	12.4	0	0	1	53	1.1	85.1	53	
1998	9	3	20.8	29.5	13.5	0	0	1	53	0.8	89.4	45	
1998	10	1	18.1	26.1	11	1.2	0	3	58	0.8	74.9	39	
1998	10	2	12.8	22.3	5.6		0	0	61	0.9	91.6	28	
1998	10	3	11.6	18.9	6.4		0	0	65	0.9	67.3	22	
1998	11	1	11.1	20.5	4.8		0	0	58	0.7	78.7	20	
1998	11	2	9	16.1	3.7		0	0	62	0.7	53.7	17	
1998	11	3	4.1	9.7	0.5	26.6	2	4	78	0.7	41.8	13	
1998	12	1	2.6	6.6	0	7.5	1	6	91	0.6	25.2		
1998	12	2	6.2	11.2	3.1	2.1	1	2	80	0.9	29.7		
1998	12	3	3.3	7.2	0	18.7	5	7	82	1	36.3		
1999	1	1	-1.9	3.3	-5.5	0.4	0	2	76	0.8	43		
1999	1	2	2.7	7.6	-0.5	4.3	1	2	81	0.5	35.6		
1999	1	3	2.1	5.9	-0.4	4.1	1	3	87	0.8	30.4		
1999	2	1	3.2	7.7	-0.1	5.5	1	4	83	0.6	30.7		
1999	2	2	9.1	14.4	5.1	0.6	0	2	76	0.8	39.9		
1999	2	3	8.3	14.7	2.9	4.4	1	2	66	1	49.9		
1999	3	1	7.5	11.1	4.6	16.6	3	6	77	1	31.3		
1999	3	2	6.3	11.1	2.1	0.9	0	2	66	1.1	36		
1999	3	3	10.2	14.2	6.6	22.5	5	7	73	1	33.8		
1999	4	1	12.6	18.1	7.5	21.6	4	6	68	1.2	54.7	20	
1999	4	2	15.3	21	10.3	7.4	2	4	68	1	69	21	
1999	4	3	13.8	21.2	7.2	8.6	3	4	55	1.1	79	29	
1999	5	1	21.5	28.4	14.3	0	0	1	49	1.3	91.1	42	
1999	5	2	22.2	30	15.2	7.2	1	1	54	1.1	100.1	46	
1999	5	3	20.3	27.2	13.4	11.2	3	3	53	1.2	98.6	49	
1999	6	1	23.9	30.9	17	0.7	0	5	49	1.1	93.8	54	
1999	6	2	24.4	32.1	17.1	0.4	0	4	42	1.3	105.4	67	
1999	6	3	25.6	33.1	17.9	2.1	1	4	49	1	97.6	59	
1999	7	1	24.9	31.3	19.5	7.2	4	9	59	1.1	77.6	60	
1999	7	2	25.9	32.5	19.5	0.9	0	3	57	1	98.9	52	
1999	7	3	26.4	33.3	19.9	0.9	0	5	51	1	95.8	63	
1999	8	1	28.5	36.4	21	0	0	2	50	1	109.5	70	
1999	8	2	25.3	32.8	18.4	0.1	0	2	46	1	91.8	71	
1999	8	3	27.5	35.8	20.5	0	0	2	52	0.8	91.9	69	
1999	9	1	22.1	29.9	15.4	0	0	2	52	1.1	94.9	61	
1999	9	2	23.5	32.9	16		0	0	53	0.9	101.2	60	
1999	9	3	18.8	25.7	13.5	0.6	0	3	64	0.9	67.4	50	
1999	10	1	16.8	24.9	10.8	0.4	0	2	62	0.9	82.1	40	
1999	10	2	16.6	26	9.5		0	0	59	0.8	90.2	34	
1999	10	3	13.1	19.6	8.7	17.2	1	1	72	0.7	68.9	30	
1999	11	1	9.3	14.3	5.5	2.6	1	3	79	0.8	38.4	21	
1999	11	2	5	10.4	1.1	11.7	1	3	84	0.8	33.5	14	
1999	11	3	5	9.7	1.6	17.5	3	5	79	0.7	30	12	
1999	12	1	3.2	9.5	-0.7	0	0	2	76	0.7	58.4	7	
1999	12	2	3	8.8	-0.5	6.7	1	2	85	0.6	42.4		
1999	12	3	2.3	8.1	-1.5	1.5	0	3	85	0.6	39.1		
2000	1	1	4.4	10.6	0.3	3.1	1	2	75	1	49.6		
2000	1	2	-2	2.2	-4.6	0.8	0	4	81	0.9	27.3		
2000	1	3	2.2	7.7	-1.5	12.5	1	2	82	0.8	41.9		
2000	2	1	1.7	6.8	-1.5	0.1	0	1	79	1	36.9		
2000	2	2	2.1	7.6	-1.8	2.4	1	1	70	1.1	53.1		
2000	2	3	4.5	11.4	-1	0	0	3	60	1.1	60.4		
2000	3	1	6.6	13	1.3	0	0	1	57	1.1	71.2		
2000	3	2	8.1	14.7	2.1		0	0	52	1.4	72.8		
2000	3	3	12.1	18.6	6.4	12.8	1	4	57	1	68.7		
2000	4	1	15.4	23	8.5	0.4	0	1	51	1.2	89.6	33	
2000	4	2	19.6	26.8	13.5	0.7	0	5	54	1.1	81.2	34	
2000	4	3	19.5	26.1	13.1	6.1	1	8	55	1.2	71.4	41	
2000	5	1	23	29.9	16.4	1	0	6	53	1.1	93.1	49	
2000	5	2	23.7	31.4	16		0	0	47	0.9	99.8	58	
2000	5	3	23.4	30.3	16.9	1.4	0	6	48	1.2	98	59	
2000	6	1	24	31.9	16.1	1.3	0	3	39	1.4	110.3	71	
2000	6	2	25.1	32.8	17.1	0.9	0	2	42	1.2	91.4	67	
2000	6	3	27.4	35.3	19.3	0.8	0	4	46	1	107.8	69	
2000	7	1	29	37	21.2	0.6	0	2	42	1	117.2	79	
2000	7	2	26.9	33.4	20.6	1	0	3	47	1.1	100.6	77	
2000	7	3	27.9	35.7	20.7	1.1	1	4	47	0.9	108.7	70	
2000	8	1	27.6	35.2	20.3	1.4	1	4	52	0.9	99.4	73	
2000	8	2	25.5	33.5	18.8	0.4	0	2	54	1	99.9	66	
2000	8	3	26.4	34.9	18.1	0	0	2	46	1.1	114.6	67	
2000	9	1	23.7	32.5	15.7		0	0	46	1	99.8	62	
2000	9	2	23.3	32	15.5		0	0	44	1	94.2	57	

Метеостанция: Фергана

Страна : Р. Узбекистан

Приложение 2, Таблица 1

Высота над у.м.: 582 m			Координаты:			40°23' с.ш.	71°45' в.д.					
Year	Month	Decade	T av [C°]	T av max [C°]	T av min [C°]	Rainfall [mm]	Duration of rainfall >1 mm [days/decade]	Number of days with rainfall	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 [mm/decade]
2000	9	3	18	25.5	11.8	10.3	3	3	58	1	70.2	40
2000	10	1	13.5	18.4	9.8	17.1	4	5	78	0.7	46.2	18
2000	10	2	11.8	18	7.3	20.7	2	2	73	0.9	50.2	20
2000	10	3	11.5	18.2	7	15.9	3	4	79	0.7	64.4	14
2000	11	1	10.3	15.3	6.2	15	4	6	81	0.9	40.9	11
2000	11	2	4.7	10	0.7	4.9	1	3	74	1	49.2	13
2000	11	3	4.7	10.7	0.4	0	0	1	75	0.9	56.7	
2000	12	1	2.2			12			87	0.7	15.8	
2000	12	2	3.3			4.1			81	0.8	41.8	
2000	12	3	3.9			0.5			82	0.5	31.8	

01-12.2001

Altitude: 582 Coordinates: 40⁰23' North 71⁰45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	1	1	2	9.9	-1.9	0	81	0.5	6.7	
2001	1	2	1.6	8.8	-3	0	79	0.4	7.4	
2001	1	3	1.4	6.2	-1.9	0	84	0.1	0.8	
2001	1	4	2	7.6	-1.2	0	85	0.6	6.2	
2001	1	5	1.6	9	-3.2	0	79	1	6.7	
2001	1	6	-1.1	0.1	-2.5	0	93	0.8	0	
2001	1	7	-0.9	0.3	-1.5	0	91	0.4	0	
2001	1	8	-2	0.7	-3.5	0	91	0.4	1.2	
2001	1	9	-2.1	1.6	-4	0	96	0.8	1.6	
2001	1	10	1.4	5.1	-2.5	0	81	0.5	2.4	
2001	1	11	2.3	9.4	-1.7	0	71	0.5	7.3	
2001	1	12	1.9	9.4	-2.6	0	70	0.6	7.7	
2001	1	13	1.8	9.8	-2.5	0	71	1	6.1	
2001	1	14	2.5	9.7	-2.3	0	68	0.8	7.8	
2001	1	15	2.7	9.4	-2.5	0	66	0.9	3.8	
2001	1	16	2.5	4.6	0.1	7	69	2	0	
2001	1	17	-1.3	2.5	-4.2	0	72	1.1	6.9	
2001	1	18	-1.8	5.1	-5.7	0	72	0.4	8.3	
2001	1	19	-1.9	1.2	-5	0	80	0.3	0	
2001	1	20	-0.5	2.2	-2.3	0	83	0.3	0	
2001	1	21	-0.5	0.3	-1.7	8.2	92	0.5	0	
2001	1	22	-1.2	0.6	-2.3	3.2	89	0.8	0	
2001	1	23	-1.2	2.5	-2.8	0	85	0.9	5.1	
2001	1	24	-3.7	-1	-8.5	0	76	0.9	1.3	
2001	1	25	-4.8	-1.5	-6	0	75	1	0	
2001	1	26	-5	-2.4	-6.8	0.3	84	1	0	
2001	1	27	-5.4	-2	-8.1	0	84	0.8	0	
2001	1	28	-5.9	-3	-7.9	0	89	0.8	0	
2001	1	29	-4	-1.9	-5.2	3.2	89	0.9	0	
2001	1	30	-4.8	-1.2	-6.6	0.5	81	0.9	0.5	
2001	1	31	-6.1	-3	-9.4	0	78	0.8	0	
2001	2	1	-4	1	-8.2	0	77	0.5	2.7	
2001	2	2	-3.6	4.2	-9	0	75	0.8	7.6	
2001	2	3	-0.2	7.3	-4.9	0	74	0.8	6.6	
2001	2	4	1.7	7	-1.4	0	74	0.4	3.7	
2001	2	5	1.4	6.1	-1.9	0	77	0.4	0	
2001	2	6	2.2	4.7	0.6	0.7	84	0.6	0	
2001	2	7	2.5	6.4	0.8	0	88	0.4	0.9	
2001	2	8	2.1	6.5	-1.7	0	83	0.9	4.4	
2001	2	9	1.9	7.1	-2.1	0	82	0.9	5.6	
2001	2	10	1.9	3.8	-0.5	0.9	77	3.3	5.2	
2001	2	11	0	3.6	-2.7	0	78	0.6	4.6	
2001	2	12	-0.4	5.5	-5.7	0	68	0.3	8.7	
2001	2	13	1	8.6	-4.4	0	71	0.4	8.7	
2001	2	14	2.3	9.6	-2.9	0	68	0.4	7.6	
2001	2	15	3.7	11.1	-1.2	0	68	1	9	
2001	2	16	6.3	9.4	3.4	1	73	1.4	0	
2001	2	17	6	9.9	1.4	0	81	0.5	5.3	
2001	2	18	7.1	13	1.9	0	78	0.8	6.6	
2001	2	19	6.6	12.3	1.5	0	68	1	4.6	
2001	2	20	7	8.8	6.1	1.7	81	0	0	
2001	2	21	7.6	12	5.1	0.3	82	0.6	2.6	
2001	2	22	7.6	12.2	4.4	0	78	0.9	0	
2001	2	23	8.5	10.6	7	0	83	1	0.3	
2001	2	24	7.4	13.2	2	0.1	77	1.3	8.5	
2001	2	25	8.2	15.5	2.5	0	69	0.5	6.2	
2001	2	26	9.3	16	3.4	0	55	1.3	9.6	
2001	2	27	7.9	14.3	2.2	0	59	0.8	4.8	
2001	2	28	8.6	16.8	1.7	0	56	0.5	9.2	
2001	3	1	9.4	17.3	4.7	0	54	0.8	9.8	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	3	2	10	18.3	3.9	0	55	1	7.5	
2001	3	3	9.7	17.7	2.6	0	61	1.1	9.4	
2001	3	4	9.5	18.3	1.9	0	55	0.8	9.6	
2001	3	5	9.7	16.1	4.3	0	56	1.4	5.9	
2001	3	6	11	15.8	7	0	63	0.6	5.2	
2001	3	7	10.6	18.1	4.2	0	62	0.8	9.1	
2001	3	8	11.9	19.7	5.4	0	58	0.8	9.7	
2001	3	9	13.2	21.6	5.5	0	51	0.9	9.8	
2001	3	10	13	21.7	6.4	0	49	1.6	8	
2001	3	11	6	12.1	3.2	0	64	1.3	2	
2001	3	12	1.5	3.4	0.1	3.4	82	0.9	0	
2001	3	13	1.1	3.2	-0.3	3.6	86	0.6	0	
2001	3	14	3.4	6.7	0.7	0	77	0.6	0.6	
2001	3	15	6.2	13.8	-0.1	0	73	0.9	7.9	
2001	3	16	9.1	16.8	2	0	68	0.5	9.5	
2001	3	17	10.9	20.5	3.1	0	53	0.9	10.9	
2001	3	18	13.4	22	5.1	0	46	0.5	10	
2001	3	19	10.7	14.9	8.9	0	63	1.8	0.5	
2001	3	20	9.4	15.5	1.8	0	68	1	10.4	
2001	3	21	10.9	18.6	3.8	0	61	1.1	11.2	
2001	3	22	12.9	22	5.3	0	53	1.1	11	
2001	3	23	14.3	23.5	7.3	0	47	1	9.3	
2001	3	24	15.5	24.9	7.1	0	41	1.3	10.9	
2001	3	25	17.6	26.6	9.6	0	43	1.5	9.7	
2001	3	26	18.4	27.3	9.5	0	40	0.6	10.7	
2001	3	27	16.6	21.9	10.5	0	48	1.5	2.8	
2001	3	28	12.8	17.7	10.9	2	73	1.3	0	
2001	3	29	12	15.6	9.5	1.2	76	0.5	1.6	
2001	3	30	12.8	20	6.5	0	72	0.9	9.8	
2001	3	31	15.4	23.4	8.6	0	65	1.3	10.2	
2001	4	1	14.7	19.6	10.2	0.3	69	1.4	1	2.2
2001	4	2	10	13.9	6.6	6.1	71	1.5	2.8	2.5
2001	4	3	9.1	16.5	1.1	0	66	1	10.4	3.4
2001	4	4	12.7	21.2	5	0	59	1	10	3.4
2001	4	5	13.3	18.7	7.4	0	64	1.5	4.8	2.8
2001	4	6	14.8	23.4	7.8	0	66	0.8	9.6	2.6
2001	4	7	16.1	21.9	10.7	0	70	0.8	1.4	1.7
2001	4	8	17.5	24.1	12.2	0	56	1	8.7	3.2
2001	4	9	16.2	25	6.8	0	53	1.1	7.9	3.9
2001	4	10	18.6	26.9	11.2	0	49	0.9	7	2.3
2001	4	11	21	29.6	13.9	0	48	1.3	8.6	3.7
2001	4	12	21.1	29	15.2	0	55	0.9	6.9	3.2
2001	4	13	21.4	29.4	13.1	0	55	1.1	9.7	4.4
2001	4	14	20.4	27.6	13.2	0	57	1.1	8	3.1
2001	4	15	17.7	25.5	12.2	1.1	64	1	5.4	3.2
2001	4	16	17.6	24.6	9.9	0	64	0.9	8.3	2.6
2001	4	17	16.7	23.3	11.9	0	56	2.9	4.6	4.7
2001	4	18	16.4	23.8	8.2	0	58	0.6	9.3	3.4
2001	4	19	14.7	20	11	0.8	68	2.6	3.8	3.3
2001	4	20	15.6	22.1	8.2	0	62	1.1	10.4	2.8
2001	4	21	17.1	25.5	8.9	0	53	1.4	10.7	4.4
2001	4	22	19.4	27.4	11.2	0	49	1.4	9.7	3.6
2001	4	23	19.1	24.5	13.9	1.4	59	2.1	2.6	3.4
2001	4	24	18.3	23.8	14.5	3	71	1.3	6.4	2.5
2001	4	25	17.9	24.3	11.4	0	70	0.6	9.7	2.9
2001	4	26	19.9	26.9	13.3	0	60	1.9	11.1	4
2001	4	27	21.9	28	15.3	0.3	54	1.4	8.8	3.7
2001	4	28	22.1	27.8	15.6	0	37	1.6	11.2	5.5
2001	4	29	20.1	29.1	11.2	0	50	1.3	11.1	4.8
2001	4	30	20.8	26.7	14.5	0	47	1.4	1.6	3.3
2001	5	1	22	28.5	16.4	0	52	1	7.4	3.4
2001	5	2	19.7	24.8	14.7	3.4	68	0.9	9.3	3
2001	5	3	20.9	28.4	12.7	0	63	1	11.1	3.7
2001	5	4	22.7	30.5	15.6	0	55	1.3	9.4	5.1

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	5	5	24.6	30.8	19.1	0	53	1	7.5	3.7
2001	5	6	24.3	28.3	20	0	46	2.4	11.4	6.6
2001	5	7	22.9	30.6	15.5	0	58	1.1	8.9	4.2
2001	5	8	23.6	29.3	18.5	0	55	2.1	9.3	4.9
2001	5	9	22.8	31.6	14	0	56	0.8	6.9	4.5
2001	5	10	25.8	32.7	17.9	0	46	1.6	9.3	5.6
2001	5	11	26.3	33.7	20	0	46	0.9	11.3	5.3
2001	5	12	24.9	34	17	0	48	1	11	5.3
2001	5	13	25.6	33.5	18.1	0	48	1	9.5	5.6
2001	5	14	25.5	33.2	19.7	0	47	1.1	10	5.8
2001	5	15	24.4	33.7	15.5	0	47	1	11.5	6.2
2001	5	16	25.8	34.9	17.3	0	49	1	11.8	6.4
2001	5	17	26.3	36.2	17	0	50	1.1	11.7	6.7
2001	5	18	26.6	34.5	18.7	0	43	2	7.6	7.8
2001	5	19	23.1	27.9	19.9	0	49	1.9	2.7	5.5
2001	5	20	22.4	29.4	15.8	0	48	1.3	10.2	4.8
2001	5	21	21.6	28.8	12.6	0	47	0.9	9.9	6.1
2001	5	22	23	31.3	15.5	0	44	1.6	10.4	6.9
2001	5	23	24.3	31.5	16.5	0	43	0.8	11.7	6.3
2001	5	24	25.2	32.4	17.1	0	40	1.3	10.5	7
2001	5	25	25.4	32.2	16.5	0	41	1.3	11.9	6.9
2001	5	26	25.9	34.1	16.3	0	41	1.1	12.2	7.3
2001	5	27	25.8	34.5	17.5	0	46	0.8	11.3	5.7
2001	5	28	25.7	33.5	18.1	0	50	0.9	8	6.5
2001	5	29	25.7	31.9	19.7	0	51	1	11.1	5.7
2001	5	30	26.6	35	17.7	0	49	0.9	12	6.2
2001	5	31	28.3	37.8	18.1	0	40	2.1	9.7	7.7
2001	6	1	28.9	37.3	18.1	0	37	1	11.5	7.3
2001	6	2	27.1	32.4	22.5	0	35	2.5	9.2	11.4
2001	6	3	24.5	31.9	16.4	0	41	0.5	12.2	5.6
2001	6	4	25.9	34.3	17.1	0	44	0.5	11.7	7.4
2001	6	5	27.3	34.5	19	0	36	1.4	12.1	8
2001	6	6	27.1	34.5	18	0	33	1.1	12.4	7.3
2001	6	7	25.9	34	17.1	0	35	1.8	12.2	9.3
2001	6	8	26.3	33	16.1	0	27	1.1	12.3	9.6
2001	6	9	26.5	37.6	16.1	0	38	1	12.2	6.8
2001	6	10	28.2	36.2	20.7	0	36	1	8.1	7.1
2001	6	11	27.2	34.2	19.9	0	35	1.4	9.9	7.6
2001	6	12	27.5	35.1	19.4	0	39	0.9	11.6	5.6
2001	6	13	27.6	36.6	19.1	0	44	0.8	11.5	6.9
2001	6	14	26.8	30.8	23.6	0	42	0.9	2.4	6.8
2001	6	15	27	34.5	18.9	0	46	1	11.6	6.2
2001	6	16	27.7	33.3	20.7	0	37	1.4	10.5	7.2
2001	6	17	26.5	34.4	17.6	0	45	1.3	12.4	7.5
2001	6	18	28	35.9	19.4	0	42	0.5	12	7.7
2001	6	19	29.1	37.7	19.7	0	41	1.1	12.3	7.5
2001	6	20	29.2	39	19.6	0	41	0.8	12.4	7.1
2001	6	21	28.3	34.9	20.4	1.3	38	1.6	9.6	7.9
2001	6	22	26	33.7	18.6	11.7	51	1.6	8.3	6
2001	6	23	23.9	31.8	18	2.4	60	1.3	12.1	4.6
2001	6	24	26.6	36.6	17.9	0	51	1.1	12.4	6.4
2001	6	25	27.7	37.1	18.7	0	43	1	12.3	7.1
2001	6	26	27.6	37.3	18.3	0	45	0.5	12.6	7.2
2001	6	27	29.5	40.2	20.6	0	42	0.9	12.4	6.6
2001	6	28	29.9	39.9	21.6	0	41	0.9	12.4	7.2
2001	6	29	30.1	39.3	21.5	0	45	0.8	12.3	6.6
2001	6	30	30.4	40.9	22.5	0	45	0.9	12.4	6.8
2001	7	1	29.7	35	23.8	0	40	1.5	12.1	9.9
2001	7	2	29.5	34.3	24.6	0	36	0.9	11.7	10.1
2001	7	3	27.4	33	20.6	0	45	1.1	11.4	7.4
2001	7	4	24.8	30.6	19.2	0	45	1.3	6.5	7.8
2001	7	5	25.4	31.9	19.4	0.3	54	1	11.8	6.7
2001	7	6	26.6	34.1	18.3	0	46	1.1	11.1	7.1
2001	7	7	27.2	35	18.5	0	44	0.6	12	7.8

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	7	8	27.6	35.6	20.2	0	36	1.4	12.2	7.7
2001	7	9	27.6	36.3	18.7	0	40	1.4	12.2	8.3
2001	7	10	28	37	19.5	0	45	0.9	12.1	7.3
2001	7	11	28.7	38	20.7	0	44	1.1	12.2	7.5
2001	7	12	29.9	36.2	22.7	0	35	1	11.8	8.3
2001	7	13	28.8	34.3	23.4	0	34	1.4	12	8.8
2001	7	14	27.7	33.8	20.9	0	34	0.9	12.2	9.1
2001	7	15	27.7	32.4	23.3	0	29	1	11.3	9.4
2001	7	16	25.3	33.4	16.5	0	42	1	11.8	7.4
2001	7	17	27	35.4	18.4	0	44	0.9	9.8	6.8
2001	7	18	27.2	34.2	19.9	0	41	1.1	11.9	6.9
2001	7	19	27.3	34.8	21.7	0	47	0.9	8.3	7.3
2001	7	20	26.3	33.3	20.1	0	56	0.6	7	5
2001	7	21	27.8	34.3	20.7	0	51	1.1	1.3	6.4
2001	7	22	28.6	36.2	21.2	0	50	1.1	10.8	6.7
2001	7	23	28.5	35.3	21.8	0	51	1.3	8.2	6.8
2001	7	24	25.5	30.6	19.9	3.8	61	0.6	9	5.9
2001	7	25	26.4	34.2	18.7	0	58	0.6	11.7	7.1
2001	7	26	27.8	36.8	19.1	0	49	1	11.4	6.8
2001	7	27	28.6	36.5	22.4	0	45	1.3	10.5	7.9
2001	7	28	27	32.1	21.7	1	41	2.4	3.5	7.1
2001	7	29	20.8	25.4	16.4	4.7	65	1.1	4.1	5.2
2001	7	30	19.7	27.6	13.3	0	66	0.5	9.7	5.1
2001	7	31	23.4	30	16.3	0	54	1	11.6	5.1
2001	8	1	24.1	33.2	14.8	0	54	0.8	11.6	6
2001	8	2	26.1	35.8	17.5	0	49	0.8	11.6	5.9
2001	8	3	27.6	37.2	18.9	0	46	0.9	11.5	6.8
2001	8	4	28.6	37.5	19.8	0	46	0.9	11.6	6.3
2001	8	5	29	38.1	21.1	0	44	0.8	11.2	6.7
2001	8	6	28.5	34.3	24.1	0	43	0.6	9.6	6.8
2001	8	7	25.8	34.3	16.8	0	45	0.8	11.5	6.7
2001	8	8	26.4	34.1	19.4	0	45	0.8	11.2	7.3
2001	8	9	25.9	33.8	18.1	0	42	1	11.2	7.2
2001	8	10	26.1	33.9	19.1	0	48	1.1	11.3	6.6
2001	8	11	25.9	33.8	17.6	0	49	1	10.9	6.6
2001	8	12	25.8	33.4	19.1	0	49	0.9	10.8	7
2001	8	13	25.9	32.3	19.5	0	46	1.1	9	7.5
2001	8	14	22.2	27.4	19.9	0	62	0.6	0.3	4.5
2001	8	15	21.5	25.4	19.1	0	74	1	5.7	3.6
2001	8	16	20.9	26.8	15.9	0	76	0.4	4.1	3.4
2001	8	17	23.7	33.1	15.6	0	62	0.8	11	5.4
2001	8	18	25	32.8	17.9	0	54	1	9.2	5.2
2001	8	19	25.7	33.1	18.5	0	53	1.3	10.9	5.9
2001	8	20	24.5	32.9	16.7	0	50	0.9	10.8	6.1
2001	8	21	24.8	34.1	17.1	0	54	0.6	10.8	6
2001	8	22	25.3	33.6	17.4	0	49	0.8	9	5.5
2001	8	23	25	33.5	17.1	0	47	1	10.7	6.5
2001	8	24	26.2	35.5	19	0	44	0.9	10.8	6.3
2001	8	25	27.3	34.7	19.2	0	39	1.4	9.6	7.1
2001	8	26	24.5	31.1	19	5.9	57	0.8	6.1	4.3
2001	8	27	22.5	29.9	16.6	0.8	70	0.6	10.5	3.8
2001	8	28	22.5	25.5	20.4	1.1	73	0.9	0.6	3.2
2001	8	29	22.5	28.6	17.5	2.3	70	0.6	10.2	3.4
2001	8	30	24.3	30.6	18	0	59	1.1	9.9	4.7
2001	8	31	23.9	31.6	16.8	0	61	1.3	10.6	5.8
2001	9	1	25.6	35.2	17.5	0	62	0.5	10.6	4.7
2001	9	2	25.2	33	17.8	0	55	0.9	8.1	5.2
2001	9	3	23.9	30.4	17.4	0	50	1.1	8.8	5.9
2001	9	4	22.4	29.4	16.2	0	54	1	10	5.4
2001	9	5	22.5	32.8	15	0	59	0.9	10	4.7
2001	9	6	24	33.4	16.2	0	53	0.8	10	4.9
2001	9	7	24.3	33.1	15.5	0	47	0.8	10	5.3
2001	9	8	24	33.7	15.4	0	50	0.9	10.2	5.6
2001	9	9	23.6	31.3	16.5	0	53	1.5	7.3	4.5

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	9	10	23.6	31.2	15.2	0	50	0.8	10	4.6
2001	9	11	21.8	29.3	14.6	0	54	0.8	9.8	5.4
2001	9	12	20.3	25.5	14.2	0	50	1.3	8.6	6
2001	9	13	20.8	24.9	15.9	0	33	1.6	9.5	8
2001	9	14	17.7	24.7	10.4	0	48	0.8	10.3	5.2
2001	9	15	17.1	26.5	9.8	0	52	0.8	9.9	4.7
2001	9	16	18.3	28	9.7	0	52	0.9	9.7	4.5
2001	9	17	18.6	27.4	10.2	0	51	0.8	9.7	4.4
2001	9	18	17.5	24.9	10.2	0	50	1.3	7.5	4.2
2001	9	19	16.3	21	12.6	0	51	0.6	4.3	4.2
2001	9	20	15.1	21.5	8.3	0	53	0.4	7.2	4.3
2001	9	21	14.9	23.6	7.8	0	55	0.8	9.4	4.5
2001	9	22	15	22.5	8.8	0	54	0.9	2.8	4.2
2001	9	23	16.1	24.4	7.5	0	54	0.6	9.2	3.4
2001	9	24	16.5	26.7	8.5	0	54	1	9.3	3.7
2001	9	25	16.3	24.4	9.7	0	58	0.9	5.2	3.1
2001	9	26	17.7	26	9.6	0	54	0.3	9.2	2.9
2001	9	27	18.3	29.3	8.5	0	57	0.5	9.3	3.5
2001	9	28	20.1	30.4	10.1	0	49	0.8	9.1	3.7
2001	9	29	19.7	28.7	12	0	50	1	9	3.7
2001	9	30	19.4	29.8	11.8	0	58	0.9	9.2	3
2001	10	1	20.3	31	11.8	0	55	0.9	9.2	3.8
2001	10	2	18.4	27.3	11.8	0	57	1.1	8.8	4.5
2001	10	3	15.2	20.8	9.9	0	61	0.5	7.1	3.9
2001	10	4	14.9	22.2	8.6	0	63	0.6	6.7	2.8
2001	10	5	17.7	23	11.9	0	48	1.3	6	3.7
2001	10	6	17.8	23.8	11.2	0	54	0.4	9.1	3.9
2001	10	7	17.3	26.7	9.1	0	58	0.9	9	2.7
2001	10	8	18	28.3	9.1	0	55	0.9	9.1	3.5
2001	10	9	16.9	19.4	14.3	0	53	2.6	0	3.7
2001	10	10	12.6	15.7	8.2	0	56	1.9	0.1	2.9
2001	10	11	6.9	13.3	0.4	0	55	1	9.4	3.7
2001	10	12	8.7	18.9	0.5	0	60	0.9	9.4	2.6
2001	10	13	12.1	23	3.3	0	56	0.5	9.5	3.3
2001	10	14	13.3	23.6	4.1	0	51	0.5	8.9	3.2
2001	10	15	14.6	23.1	6.7	0	52	1.1	8.8	3.2
2001	10	16	14.8	24.3	5.6	0	58	0.6	8.6	2.3
2001	10	17	14.8	18.7	12	2.8	66	1.5	0.1	1
2001	10	18	11.8	16.2	6.2	4.9	72	1.3	8.9	3.1
2001	10	19	13.1	19	9.1	0	75	0.6	6.9	2.2
2001	10	20	14	20.9	9.5	0.8	74	1.1	5	0.5
2001	10	21	14.9	18.9	12.6	0.9	84	0.3	2.9	1.3
2001	10	22	14.5	22.3	8.6	0	79	1	8.4	1.5
2001	10	23	14.6	18.4	10.7	0	76	0.8	0.2	1.7
2001	10	24	13.2	18.6	9.9	2	82	0.9	6.3	1.2
2001	10	25	12.7	22.8	6.7	0	71	0.8	8.9	2.2
2001	10	26	14.1	24.3	8	0	67	0.6	8.9	1.2
2001	10	27	10.4	13.3	6.7	0	75	1.4	3.1	2.7
2001	10	28	5	6.9	3.3	4.5	84	0.9	0	1.2
2001	10	29	6.6	12	2.7	0.1	86	0.5	6.9	1.2
2001	10	30	7.6	12.4	3.5	0	85	0.4	1.7	1.4
2001	10	31	9.6	12.5	7.8	0	88	0.8	0.4	1
2001	11	1	10.8	13.9	8.3	0	87	0.4	0	0.6
2001	11	2	10.7	13.3	8.2	7.3	90	0.9	0	0.5
2001	11	3	8.8	11.6	7	3	83	0.9	2.6	1
2001	11	4	7.4	14.4	1.6	0	86	0.4	7.7	1.2
2001	11	5	8.8	16.4	3.8	0	85	0.5	7.5	1.3
2001	11	6	9.1	16.8	3.9	0	76	1	8.1	1.4
2001	11	7	9.4	17	3.9	0	76	0.8	8.3	1.5
2001	11	8	9.4	17.8	2.5	0	75	0.3	7.2	0.7
2001	11	9	11.9	19.9	5	0	69	0.5	7.9	1.2
2001	11	10	11.4	15	8.8	0	77	0.5	0	1.1
2001	11	11	10.3	17.1	5.3	0	81	0.9	7.9	1.4
2001	11	12	10.4	9.1	5.1	0	76	0.5	8.3	1.5

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2001	11	13	11.3	19.2	5.1	0	69	0.5	7.6	0.6
2001	11	14	11.7	19	6.2	0	75	0.4	1.4	1.2
2001	11	15	10.5	17.5	4.3	0.6	76	0.9	4.8	1.3
2001	11	16	11.7	18	6.8	0	75	1.4	6.7	1.1
2001	11	17	11.2	20.4	5.7	0	70	0.9	8	1.5
2001	11	18	11.5	19.7	4.3	0	68	0.5	6.8	1.6
2001	11	19	10.8	19.3	5.6	0	69	0.9	4.3	1.4
2001	11	20	8.4	12.8	4.9	0	73	1.3	2.8	1.4
2001	11	21	5.8	12.8	-0.1	0	79	0.9	8.2	1.1
2001	11	22	6.2	13.8	0.6	0	82	0.5	5.3	1.2
2001	11	23	7.8	16.6	1.2	0	75	1	7.5	0.9
2001	11	24	7.8	13.4	2.9	0	74	0.6	4.7	1
2001	11	25	7.3	12.2	3.8	0	83	0.8	6.2	1.2
2001	11	26	6.5	10.5	2.5	0	86	0.8	3.2	0.9
2001	11	27	7.3	11.6	4.4	0	82	0.9	6	1
2001	11	28	4.6	6.8	0.9	0.8	90	0	0	0.6
2001	11	29	5.2	6.4	1.3	5.8	94	0.6	0	0.3
2001	11	30	4.9	6.3	3.3	0.3	87	0.8	0	0.9
2001	12	1	4.3	5.5	3.1	6.6	91	0.3	0	
2001	12	2	3.6	5.1	2.3	0	93	1	0	
2001	12	3	-0.1	2.5	-1.1	0	87	0.8	0	
2001	12	4	0	2.6	-1.4	0	82	0.4	1.1	
2001	12	5	0.2	6.1	-3.4	0	84	0.4	5.7	
2001	12	6	0.4	2.4	-1.9	11.6	90	0.4	0	
2001	12	7	1.2	3.2	0.1	13.6	93	0.4	0	
2001	12	8	3	7.5	1	0.1	92	0.6	2.9	
2001	12	9	2.4	4.3	1.1	0	87	0.8	0	
2001	12	10	-1.2	1.3	-3	0	82	0.9	0	
2001	12	11	-1.9	3.3	-5.4	0	85	0.5	5.6	
2001	12	12	-2.9	2.1	-6.9	0	90	0.5	5.2	
2001	12	13	0.1	2.6	-3.2	0	86	0.8	0	
2001	12	14	2.3	6.7	-0.4	0	75	0.4	6.3	
2001	12	15	1.7	8	-2.5	0	81	0.4	6.1	
2001	12	16	1.7	9.1	-2.5	0	82	0.4	6.2	
2001	12	17	2.3	6.6	-1.1	0	77	0.5	0.9	
2001	12	18	3.7	7.1	1.9	5.9	86	0.6	0.9	
2001	12	19	2.7	7	-1.2	0	84	0.5	5.4	
2001	12	20	2.2	8.5	-2.3	0	81	0.4	5.9	
2001	12	21	3.4	8.7	-0.2	0	79	0.5	1.4	
2001	12	22	3.1	5.5	0.9	7.9	89	0.8	0	
2001	12	23	1.6	3.4	0.3	0	91	1.1	0	
2001	12	24	2.3	3.5	1.3	0	90	0.8	0	
2001	12	25	1.7	4.6	0	0	90	0.8	0.2	
2001	12	26	0.1	7	-3.2	0	95	0.5	2	
2001	12	27	2	9.4	-2.3	0	86	0.5	6.9	
2001	12	28	3.8	11.4	-1.4	0	80	0.4	6.2	
2001	12	29	6.3	13.2	2.4	0	77	0.5	7.3	
2001	12	30	6.4	11.4	3.1	0	78	1	6	
2001	12	31	5.8	10.3	1.6	0	76	0.9	1.3	

01-12.2002

Altitude: 582 Coordinates:

40⁰23' North

71⁰45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	1	1	5.8	10.5	1.5	6.9	89	1.3	5.8	
2002	1	2	5.3	11.5	0.3		85	0.8	6	
2002	1	3	5.5	12.7	-0.2		81	0.6	7.6	
2002	1	4	5.7	13.4	0.9		77	0.8	4.3	
2002	1	5	6.2	14.8	1		76	1	7.5	
2002	1	6	5.8	12.9	0.8		82	0.8	6.1	
2002	1	7	6.3	13.9	1.3		78	0.8	7.8	
2002	1	8	6.1	13.6	0.7		73	0.5	5.2	
2002	1	9	7.1	14.5	0.1	0	74	1	1.2	
2002	1	10	6.9	8.6	5.2	0	83	1	0	
2002	1	11	5.3	6.9	4.8	3.6	90	1.3	0	
2002	1	12	2.9	5	-0.1	11.5	95	1.3	0	
2002	1	13	-0.8	0.2	-1.8	12.2	96	0.4	0	
2002	1	14	-1.9	0.5	-3.3	0.2	90	0.1	0	
2002	1	15	-2.9	-1.5	-4.4	0	87	0.3	0	
2002	1	16	-1.9	-0.4	-2.6	0	88	0.5	0	
2002	1	17	-1.7	0.5	-3.3	0	85	0.9	0.6	
2002	1	18	-1.2	0.5	-2	0.4	88	1.1	0.2	
2002	1	19	-3	2	-6.4		87	0.9	4.4	
2002	1	20	-3	1	-5.9		88	0.8	2.7	
2002	1	21	-2.1	3	-4.2		87	0.9	3.6	
2002	1	22	-2.4	1.5	-5.1		87	0.4	0.9	
2002	1	23	-0.9	4	-3.7		83	0.3	2.2	
2002	1	24	0	1.2	-1.2	0	87	0.9	0	
2002	1	25	0.7	2.6	-1.4	1.7	92	0.9	0	
2002	1	26	1.1	2.8	0.1	0	92	0.8	0	
2002	1	27	-0.8	2.4	-2.8		91	0.6	0.9	
2002	1	28	-0.1	4.8	-3.7		83	0.6	6.8	
2002	1	29	0.5	7.4	-4.7		79	0.6	7	
2002	1	30	1.5	7.9	-2.6		76	0.6	4.2	
2002	1	31	2	9.2	-2.1		75	0.6	6.9	
2002	2	1	2.7	7.6	-0.8		74	0.8	0.7	
2002	2	2	4	6.4	2.3	0	75	1.4	0.4	
2002	2	3	2.4	6.3	-0.2		74	1	0.7	
2002	2	4	3	7.5	0.3	0	75	1	2.5	
2002	2	5	1.6	4.1	-0.9	1.1	73	0.6	0	
2002	2	6	0.9	4.7	-2.1		78	0.9	0	
2002	2	7	0.6	3.5	-0.7	0.2	82	0.9	1.7	
2002	2	8	-0.1	5.9	-4.1		76	1	7.4	
2002	2	9	0.8	6.9	-4.2		78	0.9	6.4	
2002	2	10	2	9.7	-3.2		74	0.9	8.4	
2002	2	11	2.4	8.5	-2.6		75	1	3.8	
2002	2	12	4.5	9.4	1	0	77	0.6	2.9	
2002	2	13	3.6	10.1	-0.7		77	0.8	3.7	
2002	2	14	5.5	12.8	-0.5		70	0.8	6	
2002	2	15	7	11.5	3.8	3.4	76	0.5	0.1	
2002	2	16	8	11.9	4.2	1	89	0.5	3.3	
2002	2	17	5.6	9.5	0.9	9.8	91	1.4	0	
2002	2	18	3.1	6.8	0.6		83	1.1	1.1	
2002	2	19	2.3	5	-0.4	0.7	86	1.1	0	
2002	2	20	1.9	6.4	-2.3		76	0.9	8.8	
2002	2	21	2.8	7.6	-1.1		77	0.8	3.1	
2002	2	22	4.7	10	0		73	0.5	1.5	
2002	2	23	7.2	12.3	2.5		71	0.9	5.8	
2002	2	24	7.3	14.6	1.9		71	0.8	7.9	
2002	2	25	8	16.1	1.8		69	0.5	8.2	
2002	2	26	8.3	14.7	2.5		71	0.8	3.6	
2002	2	27	9.1	15.5	3.8		71	1	5.7	
2002	2	28	11.2	17.3	6.1	0	61	1.5	6.5	
2002	3	1	9	12.9	6.8	0	64	1.6	4.7	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	3	2	7.9	14.3	1.1		73	0.6	7.8	
2002	3	3	8.8	16	2.5		62	1.1	7.2	
2002	3	4	10.3	17.4	3.5		56	1	9.8	
2002	3	5	11.4	20	4.5		53	1.3	9.7	
2002	3	6	11.6	20	3.9		54	1.5	9	
2002	3	7	4.4	12.6	0.7	3.9	80	0.9	0	
2002	3	8	0.1	5.9	-0.7	0.4	80	0.8	2.3	
2002	3	9	5.2	14.5	2.4		71	0.6	9.1	
2002	3	10	9	18.3	1.3		64	0.9	9.6	
2002	3	11	5.9	11.3	2.9	0	47	4	2.1	
2002	3	12	2	7.8	-4.6		59	1.5	7.8	
2002	3	13	5.6	13.2	-1.5		58	0.6	8.7	
2002	3	14	8	15.7	1.4		60	1	7.4	
2002	3	15	11.7	19.5	3.5		54	0.9	8.8	
2002	3	16	14.1	22.4	5.7		54	0.6	7.6	
2002	3	17	16.8	25.1	10.1		49	1.4	6.8	
2002	3	18	14.3	18.8	10.6	0	55	2.8	0	
2002	3	19	13.1	19.8	6.2		57	1.1	6.9	
2002	3	20	15.1	21.2	9.1		65	0.9	0.7	
2002	3	21	15.7	20.7	12.5	0	66	1.5	1.1	
2002	3	22	15.4	20.4	9.5		67	1.3	2.7	
2002	3	23	14.4	20.1	8.7	1.3	70	0.8	8.3	
2002	3	24	13.8	16	11.9		71	2	0.7	
2002	3	25	13.2	18.4	6.7	0	67	1.3	5.9	
2002	3	26	13.9	19.4	9.4	2.5	70	1.3	9.3	
2002	3	27	14.1	22	5.7		65	0.8	11	
2002	3	28	16.7	24	9.1		54	0.8	11.2	
2002	3	29	17.8	26.1	9		55	0.6	9	
2002	3	30	16	20.9	9.6	2.3	57	3.1	1	
2002	3	31	12.6	14.6	8.9		67	1	0.4	
2002	4	1	11.6	17	8.4	5.4	69	0.9	7	2.2
2002	4	2	11.6	17.8	4.4		65	0.8	11.2	2.8
2002	4	3	13.1	19.2	6.8		58	0.6	8.2	2.3
2002	4	4	13	16.1	9.7	0	69	0.8	0.5	1.7
2002	4	5	12.7	18.3	8.6	0	73	1.9	3	2
2002	4	6	13.7	21.7	7		62	0.8	10.7	2.9
2002	4	7	14.9	20.4	10.4		69	1	7.7	1.8
2002	4	8	15.6	24	8.4		66	0.6	10.5	2.9
2002	4	9	18.3	27	10		56	0.8	9.8	2.9
2002	4	10	19.4	27.8	10.7		50	1.3	10.7	3.5
2002	4	11	20.1	28.3	12.4		51	1.4	8.7	2.8
2002	4	12	18	22.4	14.5		67	1	3	3.7
2002	4	13	13	15.9	10.7	0	83	0.9	0	1.8
2002	4	14	16.4	24	11.3		76	0.6	1.6	1.6
2002	4	15	15.9	18.5	13.9	0.5	75	0.6	0	1.2
2002	4	16	15.5	19.8	11.3	0.3	73	0.8	2.3	1.7
2002	4	17	17.8	25.1	9.8		67	1	9.5	2.5
2002	4	18	19.8	26.2	11.5		60	0.9	10.5	3.4
2002	4	19	20.5	27.1	15.3	1.1	65	1	6.6	2.3
2002	4	20	20	27.4	13.6	0	72	0.6	10.7	3.1
2002	4	21	21.2	27.8	14.3	0.7	71	0.9	5.3	1.7
2002	4	22	18.8	22.2	15.1	1.8	70	2.5	3.1	4.3
2002	4	23	16.7	20.3	12.7	0	68	3.5	2.6	3.7
2002	4	24	14.2	19.3	10.7		65	0.9	6.5	3.2
2002	4	25	15.8	21.8	10		68	0.5	7.6	2.7
2002	4	26	16.3	20.8	10.7		66	1.4	3	3.6
2002	4	27	14.6	17.9	11	2.3	56	4	0	4.9
2002	4	28	13.7	20.4	7		62	1	11.1	3.3
2002	4	29	14	21.2	5.7		58	1	10.4	3.7
2002	4	30	13.6	18.8	9.5	1.4	69	0.9	1.7	3.4
2002	5	1	14	19.5	9.3	2.4	77	0.4	3.9	2
2002	5	2	15	19.2	9.3	9.3	73	0.6	6	2.3
2002	5	3	17.5	23.9	11.1	0	64	0.8	9.4	3
2002	5	4	19.6	25.2	13.7		61	0.5	8.1	3.8

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	5	5	19.7	24.9	11.9		65	1	5.8	2.7
2002	5	6	17	24	14.6	8.9	82	1.5	2.5	1.6
2002	5	7	17.9	24.4	11	1.2	76	0.6	7.8	3
2002	5	8	20.3	28	13.2		65	1.1	10.9	4.3
2002	5	9	19.5	24.8	15.7	3.5	67	1.3	2.7	2.6
2002	5	10	20.1	26.1	13.2	1.6	73	0.3	11.2	2.9
2002	5	11	21.5	28.6	14.3		63	0.6	10.8	4.4
2002	5	12	22.9	31	15.3		59	1	11.1	4.3
2002	5	13	22.1	28.2	17.3	2.9	64	1.8	4.7	3.1
2002	5	14	16.9	20	14.6	2	74	1.8	0	3.7
2002	5	15	17.5	25	10.5		62	0.5	11.5	4.3
2002	5	16	20	27.7	12.4		59	1.4	11.4	3.4
2002	5	17	17.1	22.2	14.2	2.2	67	1.8	3.6	2.6
2002	5	18	16.8	22.9	11.5		62	0.8	11.3	4.2
2002	5	19	17.8	24.4	9.3	0	56	1.1	7.3	4.2
2002	5	20	19.1	25.2	12.6		51	1	12.2	4
2002	5	21	20.3	28.2	12.6		45	0.9	10.2	5
2002	5	22	22.6	30.5	13.5	0	47	0.9	11.7	4.8
2002	5	23	22.7	28.2	17.1		52	0.9	8.5	5.8
2002	5	24	22.7	31.3	13.6		49	1.3	10.3	5.3
2002	5	25	24.1	31.1	15.9		46	1	10.5	5.8
2002	5	26	25.1	33.6	15.1		50	0.8	9.4	5.3
2002	5	27	22.2	25.4	17	0	52	3.3	2.6	7.2
2002	5	28	21.5	28.5	13.2	0.8	63	0.8	12.2	4.3
2002	5	29	23.8	32.4	15.5		53	0.8	12.1	5.5
2002	5	30	25.1	33.7	15.4		49	0.6	12.2	6.1
2002	5	31	25.6	31.7	17.5		47	0.9	8.7	5.4
2002	6	1	25.5	33.6	18.6	0	50	1	12	5.6
2002	6	2	27.7	36.4	18		42	1.5	10.8	6.6
2002	6	3	26.6	35.2	17.9	5.5	46	0.8	10.1	6.5
2002	6	4	23.3	30.2	15.6	0	64	1.3	8.8	7.1
2002	6	5	22.9	28.1	16.7	0.9	57	1.8	6.9	6.5
2002	6	6	23.4	30.2	16.2	0	54	0.6	11.8	4.8
2002	6	7	24.2	32	15.9		52	0.8	11.7	5.2
2002	6	8	23.4	29.4	15.1	0	53	2.4	8.1	7.1
2002	6	9	23.2	28.6	17	0	53	2.1	9.9	5.2
2002	6	10	24.2	30.9	18.5	0	47	0.8	12.1	5.4
2002	6	11	25.1	33.5	17.4		43	0.9	12.2	6.4
2002	6	12	26.2	33.7	18.5		39	1	12.9	7
2002	6	13	27	35.2	19.3		40	1.1	12.3	7.9
2002	6	14	27.7	36.2	19		42	0.6	11.8	6.9
2002	6	15	25.6	31.6	19.9	0	46	1.8	5.4	7.3
2002	6	16	20.7	26.5	16.9	5.5	68	1.1	1.6	3
2002	6	17	21	28.5	14.6	0.6	68	0.5	12.2	5.4
2002	6	18	22.9	31.2	13.8		54	1.1	12.5	5.9
2002	6	19	24.6	33.5	16.3		46	0.9	12.7	5.8
2002	6	20	26.7	35.2	16.9		40	1.5	12.7	6.7
2002	6	21	28.3	36.6	19.1		40	0.5	12.5	7.6
2002	6	22	26.7	33.4	17.7		45	1.4	8.5	7
2002	6	23	25.2	29.6	21.5	0	49	1.1	0.3	6.3
2002	6	24	25.3	31.8	18.3		53	0.5	11.1	5.5
2002	6	25	26.6	34.1	18.6		46	1.3	11.7	6.3
2002	6	26	28.1	36.2	19.5		39	1	12.5	8.1
2002	6	27	27	35.9	16.6		44	0.9	12.3	7.2
2002	6	28	27.4	35.6	20		45	0.9	7.4	7.6
2002	6	29	28.7	37.4	21.5	0.4	43	2	10.7	7.3
2002	6	30	26.6	34.4	19.7	2.4	47	2.5	8.3	9.3
2002	7	1	26	33.5	18.1	0	50	1.9	9.5	7.7
2002	7	2	24.5	31.4	17.7	1.7	64	1.6	12	6.1
2002	7	3	26.5	32.9	19.5		44	1.1	11.9	6.7
2002	7	4	27.2	32.9	19.5		38	0.8	12.4	8.1
2002	7	5	26.1	33.5	17.7		43	1.4	11.9	8.2
2002	7	6	26.2	30.5	21.4	0	43	1.4	8.5	8
2002	7	7	24.5	33.2	15.5		53	0.5	12.3	7.2

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	7	8	27	33.4	18.9	0	44	0.9	9.8	6.6
2002	7	9	26	33.2	17.8		44	0.9	7.1	7.3
2002	7	10	26.4	32.5	19.8		45	1.3	12.1	6.4
2002	7	11	25.7	34.2	17.5		45	1.9	11.3	9.2
2002	7	12	26	34.6	15.9		47	0.9	11.5	7.6
2002	7	13	27.6	36.5	18.6		45	1	12.2	6.7
2002	7	14	29.1	37.6	20.1		39	1	11.8	7.5
2002	7	15	29.1	38	20.5		40	0.8	12.2	7.7
2002	7	16	29	38.2	19.7		47	1	12.1	7.3
2002	7	17	29.9	38.6	21.1		45	0.8	12.2	7.4
2002	7	18	30.4	39.3	22.1		43	0.9	12.2	7.3
2002	7	19	31.3	39.3	23.7		42	1.1	11.3	7.8
2002	7	20	29.2	35.5	22.6	1.7	45	1.9	9.9	8.6
2002	7	21	28.4	33.3	23.8		39	1.8	1.4	8.9
2002	7	22	25.8	30.7	20.2	0.4	38	1.6	10.3	8.7
2002	7	23	23.1	31.8	14.7		46	0.8	12	8.8
2002	7	24	25.2	34.9	15.9		45	0.6	11.8	7.6
2002	7	25	26.8	37	17.9		48	0.8	11.6	7.2
2002	7	26	28.2	37.9	18.7		46	0.8	11.7	7.5
2002	7	27	28.1	35.4	20.5		47	0.8	6.4	7.3
2002	7	28	29	37.5	19.4		42	1.1	9.1	6.8
2002	7	29	28	34.6	22.2	0	44	1.3	8.3	8.2
2002	7	30	26	32.8	17.7	0	50	1	7.9	8
2002	7	31	25.8	33.5	19.4	1	49	1.6	9.1	8.7
2002	8	1	25.1	33.7	16.5		56	0.6	11.5	6.3
2002	8	2	27.1	36.8	18.6		50	0.6	11.3	6.7
2002	8	3	27.5	34.4	19.5		47	0.9	7.9	7.2
2002	8	4	29	36.1	19.7	0	41	0.8	9.1	6.4
2002	8	5	28.1	35.8	20.1		47	0.6	11.2	6.6
2002	8	6	28.7	38.4	20.3		48	0.8	11.4	7.3
2002	8	7	29.1	38.9	19.7		47	0.9	11.4	7.2
2002	8	8	29.7	39.8	21.3		42	0.9	11.2	7.4
2002	8	9	30.1	40.7	20.5		50	0.4	11.2	7.1
2002	8	10	31.1	41.4	22.1		44	0.6	11	6.9
2002	8	11	30.3	37.8	22.6		45	1.1	10.9	7.1
2002	8	12	27.7	34.3	20.7		47	1.1	10.6	7.8
2002	8	13	25.4	30.6	19.7		48	1.1	7.6	7.3
2002	8	14	22	26.1	19.6	0.6	63	0.5	0.8	6
2002	8	15	21.8	29.9	14.4		64	0.6	10.7	6.3
2002	8	16	23.6	33	14.9		55	0.8	10.8	6.4
2002	8	17	25.3	35.2	16.5		49	0.9	10.7	5.9
2002	8	18	26.3	36.2	18.5		50	1.1	10.8	6.5
2002	8	19	27.7	37	19.1		44	1.1	10.8	6.4
2002	8	20	27.5	36.7	18.6		44	1.4	10.4	7
2002	8	21	27	33.1	21.8		45	0.8	10.8	6.4
2002	8	22	24.9	33.3	16.6		51	0.5	10.3	6.5
2002	8	23	25.9	34.9	17.8		56	0.9	10.4	6.4
2002	8	24	27.3	36.4	20		51	0.8	10.6	6.2
2002	8	25	27.1	36.1	18.5		48	0.9	10.7	6.2
2002	8	26	25.5	32.6	17.9		50	0.6	10.6	6.5
2002	8	27	24.4	33.2	16.7		54	0.9	10.5	6.4
2002	8	28	25.4	33.4	17.7		55	0.9	10.3	6.2
2002	8	29	25.6	32.6	18.5		51	0.8	10.2	5.8
2002	8	30	24.8	31.4	18.5		51	1.3	10.6	6.5
2002	8	31	23.2	29.7	16.6		51	0.9	10.3	7.2
2002	9	1	21.4	26.9	18.1	1.1	64	1	3.2	4.2
2002	9	2	18.5	20.7	16.4	19	84	0.8	0	1.8
2002	9	3	19.7	26.9	15	0.3	73	0.4	10.3	3.3
2002	9	4	20.5	27	16.2	0.4	61	1.4	5.2	4.5
2002	9	5	19.8	28.6	10.9		57	0.6	10.3	4.2
2002	9	6	21.8	28.4	16.3		48	1.9	9.2	6.7
2002	9	7	19.2	26.1	12.1		50	0.8	10.2	7
2002	9	8	19.9	30	11.7		54	0.6	10.2	6.7
2002	9	9	20.6	30.4	12.4		51	0.6	10.3	5.2

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	9	10	21.6	31.4	13.5		55	1	10.6	4.1
2002	9	11	22.3	33.1	14.9		51	1.1	10.4	4.9
2002	9	12	22.5	32	14		52	0.9	10.1	5.6
2002	9	13	22.9	33.3	14.7		48	0.6	9.8	5.7
2002	9	14	23.4	33.9	16		47	0.8	9.9	4.8
2002	9	15	23.5	31.6	15.6		49	0.6	9.6	5.5
2002	9	16	22.4	30.3	14.5		53	0.6	9.4	4.3
2002	9	17	22.2	27.9	15.9		48	1.3	9.6	6.2
2002	9	18	19.9	29.9	11.1		56	0.6	9.6	4.9
2002	9	19	21.3	32	12		44	0.9	9.4	5.1
2002	9	20	21.9	33.2	12.5		46	0.9	9.6	4.4
2002	9	21	22.5	33.6	14.7		45	0.9	9.6	4.9
2002	9	22	20.9	29.1	13.3		50	0.9	9.4	5.1
2002	9	23	19.8	29.4	12.3		57	0.5	9.3	4.3
2002	9	24	20.3	29.2	12.1		59	0.8	9.3	3.6
2002	9	25	20.5	29.3	13.7		57	1	8.7	4.3
2002	9	26	22.6	29.9	17.3		52	0.8	6.4	3.9
2002	9	27	20.7	28.6	14.6		54	1.4	7.8	3.8
2002	9	28	20.9	29.6	14.8		57	0.9	8.4	3.7
2002	9	29	21.4	30.4	13.7		56	0.6	9.2	3.9
2002	9	30	21.8	31.2	14.1		57	0.4	9	3.7
2002	10	1	21.6	31.3	14.2		54	0.9	9.2	3.9
2002	10	2	21	29.7	14.7		52	1.4	9	4
2002	10	3	20.8	30.6	12.9		53	1	9.1	4.4
2002	10	4	21.2	30.8	12.8		53	0.9	8.9	3.7
2002	10	5	21.1	31.5	13.1		48	0.8	9	4.2
2002	10	6	21	29.5	14.7		49	0.8	9.1	4.5
2002	10	7	19.1	26.5	13.5		61	0.4	8.5	4
2002	10	8	18.9	26.8	12.5		64	0.6	9	3.8
2002	10	9	19.2	29.4	12.1		65	0.6	8.8	3.1
2002	10	10	19.9	28.2	12.9		60	0.6	8.9	3.8
2002	10	11	18.6	28.9	11.6		58	0.5	9.2	3.4
2002	10	12	19.1	27.7	13.6	0	56	0.9	8.3	4.1
2002	10	13	20.9	30.2	11.4		50	1	8.7	4.3
2002	10	14	22.2	26.3	17.1		45	1.6	3.4	4.5
2002	10	15	16.1	20.6	13.5	0	61	0.8	2.9	3.6
2002	10	16	10.8	14.9	7.3	2.4	72	0.6	1.5	1.3
2002	10	17	13	20.1	8.1		69	0.4	6.6	2
2002	10	18	14.6	17.6	11.8	12.4	84	0.6	0.8	0.3
2002	10	19	14.3	19.4	10	0.5	78	0.4	7.5	1.8
2002	10	20	13	20.3	6.4		72	0.5	9	3.3
2002	10	21	14	23.7	7.4		68	0.8	9	2.6
2002	10	22	14.3	24.3	7.7		67	0.8	9	2.4
2002	10	23	15	24.5	7.5		62	1	8	2.3
2002	10	24	11.9	17.6	7.3		78	0.4	8.4	2.1
2002	10	25	12	18.5	5.9		78	0.6	6.2	2.5
2002	10	26	14	20.6	8.3		75	0.6	7	2.2
2002	10	27	14.2	21.4	8.7		72	0.6	7	1.8
2002	10	28	14.1	22.4	8.1		72	0.6	8	1.8
2002	10	29	14.2	21.6	8.3		68	0.8	5.9	1.8
2002	10	30	13.9	22.6	6.8		68	0.9	8.4	1.8
2002	10	31	14.7	23.7	8.3		66	0.5	8.4	1.9
2002	11	1	14	24.2	7.4		60	1	8.4	3
2002	11	2	13.4	24.4	6		53	0.9	8.4	2.8
2002	11	3	13.2	22.9	5.3		54	0.9	8.1	2.3
2002	11	4	12.9	18.8	8.7		70	0.8	7	1.6
2002	11	5	13.4	21	6.9	0	71	0.4	6.6	1.8
2002	11	6	14.4	21.5	9.1	0	69	0.4	7.8	2.2
2002	11	7	13.4	19.4	8.3		72	0.5	4.1	1.7
2002	11	8	13	19.4	7.6		72	0.5	7.2	1.2
2002	11	9	11.5	16.1	8.3	0	73	0.5	5.5	1.5
2002	11	10	11.1	17.2	7		77	0.5	7.6	1.6
2002	11	11	10.3	17.9	5.8		77	0.5	5.2	2.1
2002	11	12	9.8	17.3	4.6		71	0.5	4	1.5

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2002	11	13	10.2	19.6	4		68	0.4	7.6	1.6
2002	11	14	11.6	15.6	8.2	1.3	73	0.6	0	1.2
2002	11	15	10.2	11	8.9	2.9	89	0.5	0	0.7
2002	11	16	7.1	9.1	6.3	0	83	0.6	0	1.6
2002	11	17	7	9.9	4.9	2	87	0.6	0.6	0.6
2002	11	18	6.3	11.6	3.6		84	0.5	4	0.8
2002	11	19	5.1	10.8	0.9		84	0.9	7.3	1.2
2002	11	20	5.3	12.9	0.1		83	0.9	7.8	0.9
2002	11	21	5.1	13.4	-0.2		81	0.5	7.8	0.8
2002	11	22	5.9	13.8	1		78	0.8	7	0.9
2002	11	23	5.3	12.2	0.6		79	0.5	7.4	0.7
2002	11	24	5.5	13.4	-0.2		76	0.8	7.8	0.6
2002	11	25	6.4	15.6	0.1		70	0.5	8.1	0.7
2002	11	26	6.6	14.9	0.3		72	0.6	6.9	0.8
2002	11	27	5.5	10.2	3.3		84	0.1	0.6	0.7
2002	11	28	5.8	9.8	2.2		84	0.3	0	0.6
2002	11	29	4.7	9.2	1.1		86	0.8	1	0.8
2002	11	30	5.6	10	1.1	1.9	86	0.6	2.7	0.6
2002	12	1	4.3	10	-0.7		85	1	5.7	
2002	12	2	3	5.9	-1.6	7	91	0.9	0	
2002	12	3	-3.2	-1.4	-5.5	2.6	89	0.8	0	
2002	12	4	-7.8	-5	-10.2	5	85	0.5	2.7	
2002	12	5	-10.3	-4.2	-14.4	0	81	0.6	4.3	
2002	12	6	-9.7	-1.2	-15.5		78	0.5	4.6	
2002	12	7	-7.1	3.9	-12		77	0.5	6.5	
2002	12	8	-4.4	4.3	-11.2		75	0.5	4.4	
2002	12	9	0.2	8.4	-5.5		69	0.5	7	
2002	12	10	2.3	4.8	-1.3		81	0.4	0	
2002	12	11	3.8	8.5	1.1	0	87	0.5	1.3	
2002	12	12	1.3	4.3	0	5.9	95	1	0	
2002	12	13	1.5	6.1	-0.5	1.6	94	0.6	4.3	
2002	12	14	1.7	5.4	-1.8	3	95	0.8	0	
2002	12	15	1.6	3.9	-0.5	2.2	90	0.8	0.4	
2002	12	16	0.6	2.6	-1.3		86	0.6	0.1	
2002	12	17	0.7	2.1	-0.1	5.5	93	0.8	0	
2002	12	18	-1.3	0.7	-3.2	9.9	92	0.5	0	
2002	12	19	-3.1	-0.8	-4.3	5.7	91	0.6	0	
2002	12	20	-2.1	1.3	-4.3	0.2	91	0.5	0.4	
2002	12	21	-1.3	4.9	-5.5		84	0.5	3.7	
2002	12	22	1.7	7.2	-1.3		84	0.6	0.5	
2002	12	23	1.6	4.2	-0.8	0.5	89	0.4	0	
2002	12	24	1.4	2.7	-0.4	0	88	0.9	0	
2002	12	25	0	1.8	-0.9		94	0.8	0	
2002	12	26	0.4	3.7	-0.8		98	0.5	2.2	
2002	12	27	0.6	2.4	-0.9	0.7	93	0.6	0	
2002	12	28	1	5.6	-1.2	0.6	80	1	4.6	
2002	12	29	-1.2	3.3	-5.1		82	0.5	5.5	
2002	12	30	-1.5	3.7	-4.9		80	0.4	6.2	
2002	12	31	-1.3	4.3	-4.9		80	0.6	6.9	

01-12.2003

Altitude: 582 Coordinates: 40⁰23' North 71⁰45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	1	1	-1.1	4.4	-5.9		83	0.5	3.6	
2003	1	2	-0.4	6.2	-4.3		81	0.6	5.8	
2003	1	3	0.7	7.1	-3.9		78	0.5	7.1	
2003	1	4	1.5	9.9	-3.5		74	0.6	7.3	
2003	1	5	1.5	6.8	-1.8		76	0.5	2.5	
2003	1	6	2.3	9.5	-1.3		69	0.5	3.5	
2003	1	7	3.6	9.3	0.1		78	0.6	4.2	
2003	1	8	3.1	11.1	-1.3		80	0.5	6.7	
2003	1	9	2.8	9.4	-2		78	0.6	7	
2003	1	10	2.5	9.2	-1.8		79	0.5	4.4	
2003	1	11	2.9	6	-0.7	1	78	0.8	0	
2003	1	12	3.4	7.2	0.6	2.1	87	0.3	4	
2003	1	13	2.9	9	-0.9		86	0.8	4.8	
2003	1	14	4.3	7.3	2.5		83	0.8	0	
2003	1	15	5.2	8.8	2.4		85	0.4	0	
2003	1	16	6.2	9.2	2.8		86	0.4	0	
2003	1	17	5.8	8.7	3.9		83	0.9	0	
2003	1	18	3.9	5.5	2.5	0	93	0.5	0	
2003	1	19	4.3	6.6	2.3	0	89	1	0	
2003	1	20	4.2	5	3.3	0	93	0.8	0	
2003	1	21	4.5	6.9	1.4	0	85	1.1	2.7	
2003	1	22	4.8	6.2	3.9		84	0.6	0	
2003	1	23	4.1	7.1	0.4		86	0.8	1.6	
2003	1	24	3.8	5.1	2.9	0	85	0.6	0	
2003	1	25	3.9	7.4	1		78	0.5	3.8	
2003	1	26	2.3	8.1	-1.7		77	0.5	5.9	
2003	1	27	2.2	7.9	-1.5		78	0.8	5.9	
2003	1	28	1.8	6.7	-1.4		81	0.6	6.3	
2003	1	29	1.9	8.5	-2.3		78	0.9	3.2	
2003	1	30	4.4	6.8	-3.9	0.6	79	0.9	0	
2003	1	31	3.8	7.7	1.3		81	0.8	2.5	
2003	2	1	3.2	8.4	-0.3		81	0.6	3.4	
2003	2	2	3.2	10.9	-1.7		74	1.1	7.8	
2003	2	3	4.1	12.4	-1		67	1	8.3	
2003	2	4	4.2	11.9	-1.9		65	0.8	6.4	
2003	2	5	5.2	11.3	0.7		67	1	7.1	
2003	2	6	6.2	12.2	1.7		64	0.8	3	
2003	2	7	7.1	10.4	3.6	0	66	1.6	2.7	
2003	2	8	3.8	10	-1.4		78	0.8	6	
2003	2	9	3.9	11.5	-0.8		71	0.9	8.2	
2003	2	10	4.8	12.5	-1.1		63	0.9	8.5	
2003	2	11	5.6	12.7	-1.1		60	0.9	6.3	
2003	2	12	5.4	12.1	0.8		61	0.9	1.9	
2003	2	13	3.8	6.7	1.6	8.1	68	2.5	0.9	
2003	2	14	2	6.7	-2.2		70	0.9	8.4	
2003	2	15	3.4	7.1	0.7	1.8	72	0.9	0	
2003	2	16	3.4	5.7	0.8	5.4	90	0.8	0	
2003	2	17	5	8	2.4	0	74	1.6	0.7	
2003	2	18	0.9	4	-1.1	0	79	0.9	0	
2003	2	19	1	3.7	-1.3		80	1.1	0.3	
2003	2	20	2.9	6.3	-0.9		73	0.5	1.7	
2003	2	21	4.1	9.7	-1.1	0	74	0.9	1.5	
2003	2	22	7.1	10.8	3.2		72	1.3	2.6	
2003	2	23	5.7	10	2.7		80	0.6	1.7	
2003	2	24	4.9	6.7	3.3	0.4	85	0.8	0	
2003	2	25	3.9	6.4	0.7	2.9	81	1.5	1.6	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	2	26	5.5	10.1	1		67	0.8	8.8	
2003	2	27	5.2	9.6	1.5		68	0.8	0	
2003	2	28	5.4	8.9	2.8	8.6	71	1.4	1.2	
2003	3	1	5.1	8.4	2.8		66	1.3	2.7	
2003	3	2	3.2	4.9	1.6	0.2	73	1.4	0	
2003	3	3	0.8	2.9	-0.7	0	69	1.8	0	
2003	3	4	1.1	5.9	-2.2		66	1.3	8.8	
2003	3	5	1.2	7.9	-3.4		63	1	10.5	
2003	3	6	2.7	9.3	-3.5		61	0.9	9.9	
2003	3	7	3.7	10.8	-2.3		59	0.8	9.9	
2003	3	8	5.5	13.1	-1		56	0.9	5.5	
2003	3	9	5.6	7.6	4.3	7.1	78	0.5	0	
2003	3	10	5.7	8.5	3.6	1.1	84	1.1	2	
2003	3	11	7.7	11.4	5.3		73	0.8	1.2	
2003	3	12	7.6	13.6	1.9		68	1	8.8	
2003	3	13	9.2	13.8	4.3		70	0.6	2.5	
2003	3	14	9.1	13.6	5.5		75	0.9	1.5	
2003	3	15	9.1	13	5.8	6.1	65	3.3	4	
2003	3	16	7.5	12.7	1.2		76	1	6.9	
2003	3	17	9.4	15.4	3.3		67	1	10.3	
2003	3	18	9.9	15.3	5.3		65	1.4	2.1	
2003	3	19	8.2	10.1	4.5	4.7	80	0.6	0	
2003	3	20	10.4	16.2	5.5	0	77	0.9	6.1	
2003	3	21	12.4	19.2	6.2		73	1.1	6	
2003	3	22	13.3	17.6	8.5		76	1.3	2.3	
2003	3	23	14.6	19.8	9.2		74	0.5	7.6	
2003	3	24	14.9	19.2	11.7		74	1.1	4.6	
2003	3	25	15	17.8	12	0.1	61	1.9	1.9	
2003	3	26	13.4	20	8.2		67	0.6	6	
2003	3	27	14.9	22.3	8.4		60	1.1	3.2	
2003	3	28	11.9	17.9	9.1	7.8	79	1.8	0	
2003	3	29	10.4	15	6.7		73	1	3.9	
2003	3	30	11.3	17.4	5.9		71	0.9	6.1	
2003	3	31	8.3	11.5	7.1	0.1	62	1.4	2.7	
2003	4	1	8	13	4.8	0.3	63	1.1	3.7	2.6
2003	4	2	7.7	12.4	4.4		62	0.9	3.6	2.4
2003	4	3	8.6	15.9	1.8		59	1	10.4	3
2003	4	4	10.2	17	3.5		56	1.1	10.7	3.2
2003	4	5	13.1	20.2	6.9		50	0.9	8.9	2.9
2003	4	6	12.6	16.3	8.3	0	62	1.1	5.1	2.8
2003	4	7	11.7	13.9	9.4	3.5	84	1.5	0	1.1
2003	4	8	16.5	23.6	11.8	0	79	1	5.2	2.7
2003	4	9	19.1	23.3	15.6	0	71	1.1	4.7	2.2
2003	4	10	17	20.5	14.8	10.4	84	1.3	2.7	2.1
2003	4	11	17.5	23	13.1	2	81	0.8	9.9	1.7
2003	4	12	18.6	24.6	13.1		72	0.4	9.9	2.1
2003	4	13	18.7	23.6	14		62	1	5.6	2.8
2003	4	14	15.1	18.9	12.1	3	76	1.5	0	2.6
2003	4	15	11.9	13.5	8.9	13.1	87	1.3	0	0.2
2003	4	16	7.7	9.1	6.2	11.5	79	2.1	0	1.2
2003	4	17	7.5	9.6	5.9	1	83	0.8	0	1.5
2003	4	18	7.3	10.9	5	2.7	87	1	0	1.3
2003	4	19	4.9	7.5	4.1	16.5	94	1.5	0	0.4
2003	4	20	6.3	10.4	3.3	2.1	82	0.5	1.3	0.5
2003	4	21	8.6	12.9	5.3	1	84	0.6	0.6	0.8
2003	4	22	12	18.1	6.1	0	72	0.5	4.9	1.3
2003	4	23	16.1	22.4	9.9		70	0.9	5.7	1.5
2003	4	24	16.2	18.7	14.1	18.4	84	0.6	0	0.2
2003	4	25	16.5	20.6	13.7	0.1	80	0.9	5.7	1.3
2003	4	26	16.9	23.5	9.5		69	0.8	10.8	1.9

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	4	27	19.3	27	11.5		58	1.1	10.6	2.9
2003	4	28	21.1	29.4	12.8		53	1	10.8	3.3
2003	4	29	18	22.4	13.7		63	1.1	10.6	3.6
2003	4	30	13.1	15.6	10.9	0	76	1.8	1.5	2.9
2003	5	1	10	12.6	7.2	2.3	76	1.3	0	2
2003	5	2	9.2	12.8	6.3	0.6	69	1.4	1.9	1.9
2003	5	3	11.2	17.5	5		65	0.9	10.9	2.5
2003	5	4	12.2	18.3	6.1		63	1.1	5.8	2.8
2003	5	5	14	21	5.8		61	1	8.8	2.7
2003	5	6	16.4	23.8	8.8		59	1.3	11.5	3.6
2003	5	7	18.2	27.6	9.6		54	1	11.2	2.8
2003	5	8	20.1	29.1	10.7		50	1.1	11.5	3.6
2003	5	9	21.7	30.9	13.2		51	1.6	11	4.2
2003	5	10	17.5	22.8	13.3	0	55	4	5.1	5.1
2003	5	11	17.7	23.4	10.7		58	0.6	10	3.7
2003	5	12	18.8	24.3	12.7		54	1.4	9.1	4.3
2003	5	13	19.5	26.3	12.3		53	1	11.6	4.5
2003	5	14	19.6	26.4	12.7	0	56	1.9	4.8	4.1
2003	5	15	19.7	25.7	13.1	0.5	56	1.3	11.3	5.3
2003	5	16	20.5	26.5	12.9	0	51	0.8	11.6	4.7
2003	5	17	21	28.8	13.2	0	53	1.3	11.2	4.6
2003	5	18	22.7	29.6	15.1	0	45	1.4	11	6
2003	5	19	22.4	29.1	14.3		47	1.1	9.4	5.3
2003	5	20	23.6	32.2	15.1		46	0.9	10.7	4.6
2003	5	21	24.1	31.9	17.1		45	1.8	9.1	6
2003	5	22	24.5	31.4	16.5		42	1.1	10.9	5.9
2003	5	23	22.9	29.4	16.9	0	50	1.3	5.5	5.8
2003	5	24	22.5	30.2	14.6	0	60	0.5	11	4
2003	5	25	22.9	28.7	17.7	0	62	1.1	6.7	4.7
2003	5	26	21.3	25.8	16	14.6	70	1.4	5.2	1.3
2003	5	27	18.6	22.5	15.3	1.6	70	0.6	1.7	2.2
2003	5	28	19.8	26	14.1	0	66	1	12	4
2003	5	29	21	26.6	15.6	0	60	1.8	9.9	4.2
2003	5	30	21.9	28.1	14.4	0	58	0.8	11	4.4
2003	5	31	23.7	31	15.8		57	1.3	9.7	4.5
2003	6	1	25.5	31.6	19.3	0.4	56	1.3	11.1	4.4
2003	6	2	26.3	33	18.8		54	0.9	10.5	5.8
2003	6	3	23.1	28.4	20.4	0.7	61	1.3	2.9	3.3
2003	6	4	22.8	30.7	14.7		60	1	12.2	3.7
2003	6	5	25.4	33.3	17.4		54	1.1	12.3	5.3
2003	6	6	26.7	33.2	20.9		50	1.4	11.5	6.1
2003	6	7	18.6	26.9	16.5	6.6	78	1.5	0	3.7
2003	6	8	19.8	26.4	14.4		70	0.6	11.8	4.2
2003	6	9	22.4	30.7	14.7		62	0.8	12.4	5.2
2003	6	10	24.3	32	16.5		57	1	12.3	5.4
2003	6	11	22.6	27.2	18.3	0	57	1.8	7.1	6.1
2003	6	12	20.4	25.3	13.2	0.8	49	1.6	10	6.1
2003	6	13	21.1	29.4	12.5		53	0.8	12.4	5.6
2003	6	14	23.9	32.4	14.7		47	0.9	12.4	5.2
2003	6	15	26	33.6	18.3		46	1	12.3	5.8
2003	6	16	26.7	34.9	18.9		51	0.6	12.3	6
2003	6	17	27.6	36	20.3		47	0.9	12.3	6.1
2003	6	18	28	36.1	19.8		47	1	12.4	5.9
2003	6	19	27.3	36	20.7	4.6	52	1.1	8.1	6.4
2003	6	20	25.7	33	18.2	0	59	0.9	11.9	5.1
2003	6	21	24.4	32.8	19.8	8.6	61	1.4	8	6.1
2003	6	22	23.7	30.4	18.8	9.3	71	0.8	11.9	4.8
2003	6	23	25.9	33.1	18.9		59	1	12.4	4.5
2003	6	24	27.3	35.3	19.9		54	1	12.4	5.2
2003	6	25	28.3	37.2	20.3		49	1.3	12.6	6.1

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	6	26	25.6	29.7	22.3	0	53	1.4	7.2	7
2003	6	27	25.4	32.6	18.9		55	0.5	12.1	5.4
2003	6	28	27.4	34.4	20.9	0	48	1.5	10.1	6.6
2003	6	29	27	33.1	20.2	1.1	45	1.1	11.6	6.1
2003	6	30	27	34.3	19.3		41	1.3	12.7	6.8
2003	7	1	27.1	34.8	19.8		46	0.8	12.7	7.4
2003	7	2	28.4	37.6	19.9		48	0.9	11.6	7.3
2003	7	3	28.7	37.1	21.1		50	0.6	11.2	5.9
2003	7	4	28.7	35.2	20.8		48	2	10.7	8
2003	7	5	28	33.5	23	0	47	1.3	9.7	8.4
2003	7	6	27.1	34.4	20.5		54	0.6	11.8	6
2003	7	7	27.4	35.1	19.7		51	1	11.1	7
2003	7	8	28.5	36	20.9		44	1.3	11.7	7.1
2003	7	9	28.7	36.4	22.7	0	45	1.1	10.6	7.8
2003	7	10	29.8	36.2	22.4		39	1.1	12.3	7.6
2003	7	11	29.3	36.6	22.5		42	0.8	11.1	7.5
2003	7	12	27.3	33.6	20.9	0.8	51	1.1	8.3	6.7
2003	7	13	27.3	33.4	20	2.7	50	1.3	11.2	7.4
2003	7	14	28.6	35.1	20.6		43	1.1	11.9	7.4
2003	7	15	27.9	35.8	20.7		46	1.1	11.5	8.1
2003	7	16	26.9	34.6	21.7	0.5	53	0.6	10.1	7.8
2003	7	17	28.6	36.9	20.4		50	0.4	12.1	7.3
2003	7	18	29.1	39.3	20.5		47	0.9	11.8	7.3
2003	7	19	29.8	37.6	22		44	0.8	11.6	7.6
2003	7	20	30.3	39.5	22.1		47	0.9	12.3	8.1
2003	7	21	31.4	40.8	3.3		46	1.4	11.4	7.9
2003	7	22	32.1	35.6	27.9	0	30	2.9	7.2	10.2
2003	7	23	29.1	34.1	22.4	0	42	1.5	8.7	7.6
2003	7	24	27	31.8	24.4	0.1	38	2.1	11.7	10
2003	7	25	25.2	33.9	17.1		54	0.9	10.8	7.7
2003	7	26	27.7	35.3	21		51	0.8	11.2	7.1
2003	7	27	27.3	34.3	19.7		47	1.1	10.7	7.7
2003	7	28	26.2	32.3	19.8		40	1	11.6	8.4
2003	7	29	25.4	33.6	15.7	0	42	0.6	11.2	7.5
2003	7	30	25.8	35.3	17.3		50	0.8	11.6	6.8
2003	7	31	27.4	36.9	19.7		48	0.8	11.7	7
2003	8	1	26.9	35.5	18.9	0	51	1	6.7	6.4
2003	8	2	28	35.6	21.2	0	54	0.6	8.3	6.9
2003	8	3	27.5	32.3	21.6	0	43	2	6.2	8.1
2003	8	4	21.7	29	18.4	4.7	70	0.8	0.3	3.3
2003	8	5	21.5	28.9	14.5		68	0.5	11.2	5.5
2003	8	6	24	30.6	16.6		63	0.5	10	4.3
2003	8	7	24.6	30.4	18.1		49	1.3	8.3	6.6
2003	8	8	24.8	32.6	17.5	0	55	0.9	11.7	5.9
2003	8	9	25.5	34	17.2		51	0.9	11.3	6.7
2003	8	10	25.9	35.4	18		48	1.1	11.1	6.5
2003	8	11	26.2	35.3	18.2		48	0.9	10.9	7.4
2003	8	12	26.6	36.3	18.1		48	1	10.9	6.2
2003	8	13	26.4	36	18.5		50	0.8	11.1	6.8
2003	8	14	27.5	37	19.7		50	0.6	10.9	6.7
2003	8	15	28.6	38.4	21		47	0.8	10.8	7.6
2003	8	16	29.3	39	21.1		49	0.8	10.7	7.1
2003	8	17	29.7	38.8	21.6		50	0.8	11	7.2
2003	8	18	27.9	37.1	18.5		46	1	11	7.1
2003	8	19	27.2	34.2	19.5		46	1.4	10.1	7
2003	8	20	26.8	33.6	19.7		48	0.9	10.6	6.5
2003	8	21	25.3	31.8	20.3	3.8	52	1.3	8.1	5.1
2003	8	22	23.9	31.7	17		59	0.5	10.9	6.4
2003	8	23	25	33.3	17.9		54	0.8	10.1	6.5
2003	8	24	25.3	33.2	18		55	0.8	10.5	5.9

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	8	25	25.4	33.3	18.4		58	1	9.7	5.6
2003	8	26	25.6	32.3	18		57	0.6	8.7	6.3
2003	8	27	25.8	33.9	18.2		54	0.6	10.5	6.5
2003	8	28	25.9	35.4	18.2		56	0.6	10.1	6
2003	8	29	26.6	35	19		55	0.9	10.2	5.8
2003	8	30	25.4	32.8	19.3		54	1.3	7.1	6.3
2003	8	31	24.7	33.2	16.8		58	0.4	10.5	6.5
2003	9	1	25.7	35.3	17.3		55	0.6	10.7	5.4
2003	9	2	26	36.2	18.3		54	0.9	9.9	5.7
2003	9	3	27.1	35.4	19.9		52	1	10.2	6.1
2003	9	4	26.3	33.6	19		54	0.9	9.5	5.8
2003	9	5	25.4	33.1	16.8		55	0.8	9.5	6.1
2003	9	6	26.6	34.1	21.2	0	51	1	6.7	5.2
2003	9	7	26.3	34.3	19.3		55	0.8	8.9	5.9
2003	9	8	26.7	34.9	19.4		56	0.5	9.7	6
2003	9	9	27	35.1	20.9		50	1	10.2	5.7
2003	9	10	25.5	33	18.9		56	0.6	10.3	5.7
2003	9	11	24.9	33.9	18.6		62	0.6	9	5.6
2003	9	12	24.3	30.8	19.2		51	1.1	9.7	6.8
2003	9	13	21.3	28.8	14.9		54	0.9	9.2	6.4
2003	9	14	20	27.6	12.3		58	0.5	9.7	6.1
2003	9	15	19.3	22.7	16.8	0.1	59	0.5	4.1	4.7
2003	9	16	18.8	25.1	14.9	1.7	71	1	4.8	2.8
2003	9	17	18.8	25.6	13.2	1.1	67	0.8	9.5	5.2
2003	9	18	19.6	28.7	11.7		58	0.8	9.4	5.6
2003	9	19	20.6	31.3	10.8		55	0.9	9.4	5.4
2003	9	20	22.2	33.3	13.2		57	0.6	9.1	5.2
2003	9	21	21	28.4	13.7		57	1	9.4	5.6
2003	9	22	20.5	28.1	13.9		60	0.8	7.5	4
2003	9	23	19.1	22.4	14.8	0.8	66	1.6	2.9	4.4
2003	9	24	16.1	22.9	12.2	0	71	0.5	8.2	4.8
2003	9	25	16.7	24.4	9.7		65	0.8	9.2	3.7
2003	9	26	15.4	19.1	11.4	0.3	68	1.5	1.4	4.4
2003	9	27	15.5	22.1	11.6	2	60	0.8	8.2	3.3
2003	9	28	14.5	23	7.2		58	1.1	9.2	4.2
2003	9	29	15	23.9	7.6		57	1	8.9	3.8
2003	9	30	15.6	24.6	8		57	0.8	8.9	3.5
2003	10	1	16.2	25.5	8.8		54	0.8	9.3	3.8
2003	10	2	16.3	26.9	7.5		53	0.6	9	4.6
2003	10	3	17.6	26.1	8.8		51	1	8	3
2003	10	4	18.8	25.3	12.8		52	0.6	5.1	2.7
2003	10	5	18.2	22.6	14.9	9.8	81	0.9	3.9	1
2003	10	6	15.7	18.2	14.2	2.8	92	0.8	0	0.8
2003	10	7	15	19.4	13.4	3.8	85	0.8	2.5	1
2003	10	8	14.5	19.9	10.3		80	0.3	6.3	2.3
2003	10	9	14.5	21.1	10		76	0.6	8.1	1.8
2003	10	10	13.9	22	8		72	0.8	8.4	2.3
2003	10	11	14	21.9	7.5		68	0.6	8.6	2.9
2003	10	12	13.3	17.1	8.5	0	68	0.8	1	1.6
2003	10	13	14.3	22.2	6.9		63	0.4	9.3	2.8
2003	10	14	13.8	22.4	7.5		61	0.8	9.1	3.4
2003	10	15	12.6	20.8	5.7		57	1	8.7	3.1
2003	10	16	11	20.6	3.7		57	0.9	9	3.2
2003	10	17	10.7	20.5	3.3		56	1	8.9	3.1
2003	10	18	12.7	23.4	4.1		53	0.9	9	3.1
2003	10	19	12.9	24.9	4.9		56	0.8	9	2.7
2003	10	20	13.6	25.6	6.6		58	0.8	8.7	2.9
2003	10	21	13.7	17	9.6	0	67	0.8	2.5	2.5
2003	10	22	12.9	16.4	10.9	9.4	88	1	1.3	0.4
2003	10	23	14.3	21.9	8.4		78	0.8	7.4	2.2

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	10	24	15.7	22.3	10.2	0.5	74	0.9	8.7	2.4
2003	10	25	15.4	23.3	9.5		72	0.5	8.7	2
2003	10	26	15.6	25.2	8.4		70	0.8	8.2	2.1
2003	10	27	15.6	26.2	8.6		68	0.6	7.4	2
2003	10	28	16.7	27.9	10.1		60	0.8	7.4	1.8
2003	10	29	16.7	26.8	9.7		58	1	8.3	2
2003	10	30	16.6	27	10		58	0.4	8.3	2.1
2003	10	31	16.8	27.8	9.2		60	0.6	8.3	1.7
2003	11	1	16.9	27.6	11.4		60	0.8	4.7	2
2003	11	2	17.6	23.5	14.3		61	0.9	6	1.8
2003	11	3	15.4	17.4	13.8	4.2	85	0.5	1.4	1.1
2003	11	4	14.5	17.4	11.5	10.5	87	1.8	1.1	0.3
2003	11	5	11.8	15.4	9.9	1.2	64	1.9	2	2
2003	11	6	9.9	12.9	7.8		78	0.9	2.7	2.1
2003	11	7	8.1	10	6.1	0	79	0.9	0	2.1
2003	11	8	6.8	9.9	4.5	0.7	79	1.1	0.2	1.4
2003	11	9	5.1	10.6	1.2		79	0.6	3.5	1.7
2003	11	10	5.9	11.9	0.9		77	0.6	3.8	1.9
2003	11	11	9.5	15.9	5.2		72	0.6	7	1.8
2003	11	12	10.9	15.4	7.4		74	0.9	0	1
2003	11	13	11.4	13.6	9.7	6	87	0.5	1.1	0.7
2003	11	14	11.7	15.9	8.3		86	0.5	2.5	1
2003	11	15	11.8	17.5	7.5	0	82	1.1	4.3	1.3
2003	11	16	4.4	11.3	0.7	5.7	87	1.4	0	0.4
2003	11	17	1.9	3.5	0.2	1.8	87	0.9	0	0.9
2003	11	18	3.2	6.4	1.5		79	0.3	0.8	1
2003	11	19	2	7	-1.9		81	0.5	2.8	1.2
2003	11	20	3.2	9.5	-1.2		82	0.5	4.4	1.3
2003	11	21	4.6	10.4	0.6		76	0.8	1.7	1.1
2003	11	22	5.6	11.4	1.4		77	0.9	3	1.2
2003	11	23	6.5	8.6	3	0.1	63	3.3	0.7	2
2003	11	24	3.3	9.6	-2.2		71	0.8	8.1	1
2003	11	25	3.7	10.9	-0.7		73	0.8	8.4	0.8
2003	11	26	4.4	11.9	-0.2		73	0.3	7.8	1
2003	11	27	4.2	11.9	-0.9		74	0.8	7.9	1.2
2003	11	28	4.8	13.9	-0.6		72	0.6	8	1.1
2003	11	29	4.5	7.4	3.1		77	0.8	0	0.6
2003	11	30	3.7	8.8	0.5		85	0.4	5.7	0.8
2003	12	1	2.3	3.7	1.1		95	0.5	0	
2003	12	2	4.1	6.9	2.4	0.3	92	0.5	0	
2003	12	3	4.3	8.7	1.5		84	1	6.3	
2003	12	4	2.9	7	-1.3		86	0.4	3.8	
2003	12	5	4.9	8.2	2.4		88	0.6	0.3	
2003	12	6	5.3	11.9	0.5		81	0.8	7.2	
2003	12	7	4.7	10.7	1		81	1.4	1.2	
2003	12	8	6.3	8.9	4.2	6.5	90	0.6	0	
2003	12	9	6.4	12.2	1.8		90	0.6	7.5	
2003	12	10	3.8	10	-0.1		94	0.8	1.5	
2003	12	11	3.6	5.9	1.9	0.3	88	1.3	0	
2003	12	12	-0.3	2.2	-2.3	1.1	87	2.4	0	
2003	12	13	-3.7	-2.1	-4.7	2.1	87	1.3	0.8	
2003	12	14	-5.4	-3.4	-7.7	0.5	81	1.3	0	
2003	12	15	-5.9	1	-9.9		82	0.5	4.9	
2003	12	16	-2.7	6	-7.6		76	0.8	7.2	
2003	12	17	-0.4	8.7	-5.6		68	0.8	7.6	
2003	12	18	1.2	10	-4.7		65	0.5	7.7	
2003	12	19	2.1	11.2	-2.3		67	0.9	7.5	
2003	12	20	3.3	10.4	-1.2		70	0.4	3.7	
2003	12	21	5.1	9.1	2.1		68	1.1	3.6	
2003	12	22	1.7	5.7	0.2	11.5	93	0.9	0	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2003	12	23	0.4	1.6	-0.7	2.9	93	0.6	0	
2003	12	24	-0.2	1.9	-1.3	0	86	0.6	1.8	
2003	12	25	-1.2	4.1	-4.5		77	0.5	7	
2003	12	26	-0.9	4.6	-3.7		78	0.5	4.6	
2003	12	27	-1	5	-4.5		72	0.5	7.4	
2003	12	28	-1	3.5	-5.1		75	0.8	1.5	
2003	12	29	1	2	-0.4	3	87	0.6	0	
2003	12	30	1.6	3.4	0.4	0	92	0.1	0	
2003	12	31	1.8	3.9	0.5		85	0.4	0	

01-12.2004

Altitude: 582 m Coordinates: 40°23' North 71°45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	1	1	1.4	2.4	0.7	1.5	91	0.4	0	
2004	1	2	0.9	2.5	-0.2	0	89	0.5	0	
2004	1	3	-0.9	1.4	-3.7		91	0.3	0	
2004	1	4	-0.6	4.6	-5.6		85	0.6	4.4	
2004	1	5	1	5	-1.7		82	0.8	5.9	
2004	1	6	2.2	8	-1.5		80	0.4	5.3	
2004	1	7	3.1	8.5	-0.7	0	74	0.8	2.7	
2004	1	8	2.3	6.1	-1.7	0	80	0.8	0	
2004	1	9	3.5	9.8	-1.3		78	0.6	5.7	
2004	1	10	4.9	10.7	-0.1		78	0.9	6	
2004	1	11	4.9	7.4	1.8	10.3	86	0.6	0	
2004	1	12	4.5	5.9	3	10.5	94	0.9	0	
2004	1	13	3.3	5.8	2.1		83	1	0.9	
2004	1	14	2.8	6.5	-0.3		89	0.9	3	
2004	1	15	3.4	6.6	1.3	0	90	0.8	0	
2004	1	16	3.9	7.3	1.1	2.6	84	0.8	0	
2004	1	17	5.1	6.2	4.1	0.3	92	0.9	0	
2004	1	18	4.6	6.4	2.5	0	90	0.8	0	
2004	1	19	2.9	9.1	-1.2		85	0.5	4.9	
2004	1	20	2.9	8.3	-0.3		84	0.6	3.7	
2004	1	21	3.2	5.3	0.5		84	0.5	0	
2004	1	22	2.4	6.9	0.1		83	0.4	3.9	
2004	1	23	2.2	7.4	-2.1		78	0.9	7.4	
2004	1	24	2.4	7.9	-2.3		81	0.5	5.1	
2004	1	25	4.8	11	0.8		76	1.1	5.6	
2004	1	26	4.6	6.3	3.1	0.6	87	0.9	0	
2004	1	27	5.9	7.6	4.5	3.3	91	0.9	0	
2004	1	28	5.4	7	3.8	0	89	0.6	0	
2004	1	29	4.3	6	2.1	11.9	89	0.9	0	
2004	1	30	4	6	2.1	0.1	83	0.5	0	
2004	1	31	3.5	5.6	1.5	0	83	0.9	0	
2004	2	1	2.9	6.6	-0.5		80	0.5	2.8	
2004	2	2	1.5	6.1	-2.7		73	0.9	7.9	
2004	2	3	1.4	6.2	-3.6		70	0.9	6.3	
2004	2	4	2.7	8.6	-0.5		66	0.6	4.9	
2004	2	5	2.2	8.7	-2.9		70	0.8	6.3	
2004	2	6	3.3	9.5	-1.4		69	0.6	5.1	
2004	2	7	3.4	7	0.1		73	0.8	0	
2004	2	8	4.4	6.2	2.9	0	79	0.9	0	
2004	2	9	5.9	10.7	2.2	0	80	0.6	3.8	
2004	2	10	5.9	13.6	0.5		77	1	7.3	
2004	2	11	6.6	15.1	0.3		71	0.8	8.4	
2004	2	12	7.8	15.9	1.4		61	1	8.3	
2004	2	13	10.2	14.2	5.7	0	64	1.6	1.3	
2004	2	14	9	14.3	4.9		75	0.8	4.6	
2004	2	15	10.8	17.5	5.9		60	1.1	7.3	
2004	2	16	11.3	14.6	8.6	0	67	1.6	0.4	
2004	2	17	7.3	13	5.1	5.7	64	2.9	0	
2004	2	18	5.5	9.9	1.7		67	0.9	7.1	
2004	2	19	4	6	2.3	0	79	1.1	0	
2004	2	20	5	9.3	0.1		74	0.9	4.4	
2004	2	21	6.4	10.3	2.7		74	0.9	0	
2004	2	22	7	12.5	2.2		77	0.6	3.6	
2004	2	23	8.4	15	3.5		74	0.5	5.3	
2004	2	24	8.4	12.7	5.7		75	1.1	0	
2004	2	25	9.7	11.7	7.7		74	1.1	0	
2004	2	26	9.3	11.4	6.7	1.9	76	0.9	0	
2004	2	27	8.1	12.5	5.3		79	0.5	3.3	
2004	2	28	6.7	13.6	1.2		82	0.4	6.2	
2004	2	29	8.2	14.4	2.8		71	1.3	5.4	
2004	3	1	8.6	12.4	5		74	0.8	0	
2004	3	2	8.4	16.4	1.9		64	0.9	9.6	
2004	3	3	9.1	15.3	4.2		63	1	3.5	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	3	4	10.2	14.6	7.9	0.4	73	1	3.7	
2004	3	5	11.1	16.6	6.6	0	74	1.3	6.4	
2004	3	6	11	17.5	5.9		70	0.8	4	
2004	3	7	13.7	22.9	7.9		64	1.1	8.6	
2004	3	8	11.9	15.7	8.2		68	1	0	
2004	3	9	4	8.4	1.1	7.9	83	1.3	0	
2004	3	10	2.5	5.4	0.5	8.7	92	0.5	0	
2004	3	11	4	7.2	1.1	0	85	0.8	0	
2004	3	12	7.6	13.6	2.4		82	1	7.5	
2004	3	13	11.2	16.4	7.5	0.8	78	1.4	6.1	
2004	3	14	10	13.1	9.3	10.2	95	1	0	
2004	3	15	8.8	9.9	7	10	96	0.6	0	
2004	3	16	7.7	11.1	5.5	3.9	93	1.1	0	
2004	3	17	6.2	10	4.7	18.9	85	1.8	0	
2004	3	18	5.1	9.4	1.9		74	1	0.6	
2004	3	19	6.5	11.5	1.4		75	0.8	4.9	
2004	3	20	8.3	11.5	5.8		80	0.9	0	
2004	3	21	7.8	9.5	7	1.4	85	1.3	0	
2004	3	22	8.2	12.9	4.9		76	0.9	6.7	
2004	3	23	8.9	15.7	3.3		70	0.9	10.8	
2004	3	24	12.4	19.2	5.5		57	3.6	9.1	
2004	3	25	14.7	21.3	9		47	1.6	8.9	
2004	3	26	12.4	18	6.9		60	1.1	11.3	
2004	3	27	12.3	19.2	6.7		65	0.6	8.2	
2004	3	28	13.8	20.1	6.7		64	1	8.9	
2004	3	29	15.3	21.3	9.5		59	1.1	4	
2004	3	30	16.2	24	9.3		56	0.9	10.4	
2004	3	31	17.4	25.2	10.3		52	0.8	9.2	
2004	4	1	17.9	25.2	11.6		52	1	6.9	2.6
2004	4	2	15.1	19.3	11.4		65	1.6	7	2.6
2004	4	3	12.2	16.9	8.1	0.7	73	1.4	5.6	2.1
2004	4	4	15.6	22.5	8.7		68	0.9	9.1	1.9
2004	4	5	18.2	26.8	10.7		66	0.9	9	3
2004	4	6	11	20.5	6	0.3	76	1.3	0	1.9
2004	4	7	7.5	11.4	4.5	3.2	86	0.9	0.2	1.4
2004	4	8	10.6	14.1	8.7	0	82	0.8	0.4	1.4
2004	4	9	11.7	15.7	9.1		76	1	0.8	1.4
2004	4	10	13.9	19.6	9.4		64	1.4	9.1	2
2004	4	11	12.7	19.3	5.8		61	1.1	12	3.3
2004	4	12	13.9	21.3	7.1		54	1.5	11.8	3.6
2004	4	13	15.5	23.1	7.8		49	1.3	11.7	3.6
2004	4	14	16.8	24.8	8.5		49	0.9	11.7	3.1
2004	4	15	18.5	26.5	11		50	1.1	11.7	3.1
2004	4	16	18.6	24.6	13		52	1.6	2.3	3.4
2004	4	17	19.2	25	12.5	0	61	1.4	10.6	3.3
2004	4	18	17.3	25.3	11.4		58	5.6	8.6	5.7
2004	4	19	13	15.9	9.3	2.3	64	2.6	3.7	4.2
2004	4	20	14.7	21.5	9.1		69	0.4	10.6	2.6
2004	4	21	17.4	24.2	10.6		67	0.6	7.4	3.1
2004	4	22	17.5	19.8	14.5	0.6	62	2.5	0	2.4
2004	4	23	16.6	23.1	8.7	0.7	65	1	11.3	3.7
2004	4	24	18.1	26.3	9.5		58	1	11.4	4.6
2004	4	25	19.9	27	14.3		61	0.9	4.1	2.4
2004	4	26	17.3	21.3	15.1	9.6	78	1	0.5	1.3
2004	4	27	17.5	22	14.7	1.3	67	1.8	6.9	2.6
2004	4	28	15.2	20.4	11	0	66	1.1	4.5	2.8
2004	4	29	14.4	18.1	11.4		56	1.3	6	3.8
2004	4	30	13.2	19.7	6.9		62	0.8	8.1	4
2004	5	1	15.9	22.3	10.3		60	0.6	9.3	4.3
2004	5	2	18.2	25	10.7		55	0.8	10.6	4.1
2004	5	3	20	27.6	12.3		48	1.3	11.6	4.9
2004	5	4	21.5	29	14.3		46	1.6	11.7	4.4
2004	5	5	21.8	29.2	12.9		51	1	12	4.3
2004	5	6	23.2	31.6	15.1		50	1.8	10.9	5.3
2004	5	7	17.5	24.3	15.4	3.6	73	1.5	0	2.8
2004	5	8	17.2	24.3	10.2	0	71	1	11.8	2.9

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	5	9	19.7	27.4	12.8		62	1	8.5	4.4
2004	5	10	22.7	28.7	15.9	0	49	1.3	8.6	4
2004	5	11	21.3	28.5	13.9	0	55	0.9	10.9	4.4
2004	5	12	22.8	30.8	14.4	0	54	1	12.3	5.5
2004	5	13	23.3	32.3	14.5		51	1	11.5	5
2004	5	14	25	34.3	15.9		49	0.9	12.2	5.3
2004	5	15	26.4	36	17		49	1.1	12.3	5.6
2004	5	16	26.9	33.5	19.8	0	49	1.5	7	6
2004	5	17	26.1	33.2	19	0	48	1.4	6.8	5.6
2004	5	18	26	34.9	16.9		51	0.6	11.5	5.5
2004	5	19	22.7	25.8	19.3	0	55	3.9	2.6	6.1
2004	5	20	22.4	28.5	16.2		50	0.9	10.8	6.3
2004	5	21	23.4	29.8	16.6	0.8	49	1.3	12.2	5.6
2004	5	22	20.4	24.4	17.2	0	54	2.4	2.8	6.5
2004	5	23	19	25.3	12.4		56	1.1	10	5.1
2004	5	24	19.4	27.3	12.7	0	57	0.8	6.5	4.2
2004	5	25	22.5	30.9	14.1		51	1	12	5.8
2004	5	26	21	29	16.1	1.7	59	1.8	4.4	5.3
2004	5	27	21.1	27.9	15	0	58	1.4	8.1	6.1
2004	5	28	22	29.3	14.1	0	51	1.3	12.7	5.9
2004	5	29	23.1	31.2	13.9		47	1.1	11.9	5.7
2004	5	30	24	29.6	20.5		38	1.3	7.3	6.9
2004	5	31	23	29.8	17.6		54	0.5	6.1	5.6
2004	6	1	23.3	30.1	18.6		57	1	3.1	5.2
2004	6	2	23.8	31.1	16.2		52	1	12.1	5.9
2004	6	3	24.6	32.7	15.7		50	0.9	12.6	6.2
2004	6	4	25.5	34.9	15.5		50	0.5	12.4	7
2004	6	5	26.7	36.1	19	0	41	1.5	10.1	6.8
2004	6	6	23.8	28.3	18.6	6.8	56	1.4	5.9	4
2004	6	7	23.1	28.8	17.1	0	58	0.9	11.9	6.4
2004	6	8	23.9	31.3	16.3		49	1.1	12.6	6.3
2004	6	9	23.7	32.3	14.5		51	0.8	12.6	6.5
2004	6	10	25.9	35.4	17.1		48	0.8	12.5	6.5
2004	6	11	27.4	36.5	19.1		45	0.8	12.7	6.9
2004	6	12	28.6	36.8	21.1		38	1.3	12.4	7.3
2004	6	13	28.7	37.6	19.2		37	1.3	11.6	7.9
2004	6	14	22.3	30	16.8	1.7	53	3.4	3.4	8.4
2004	6	15	20.8	30	12.2		64	0.9	12.7	6.2
2004	6	16	25.3	35	16.5		47	1	12.5	7.1
2004	6	17	27.1	36.4	18.4		42	0.8	12.5	7.3
2004	6	18	28.5	36.6	19.7		44	0.8	12.1	6.6
2004	6	19	28.5	38.5	19.2		47	0.4	12.5	6.6
2004	6	20	29.7	38.4	20.5		40	0.9	12.4	6.8
2004	6	21	28.5	36.9	19.8	0	41	1.3	9.6	8.1
2004	6	22	27.7	36.2	19.9	0	44	1.3	10.9	7.8
2004	6	23	28.7	35.9	20.7	0	40	1.6	12.7	8.1
2004	6	24	27.6	34.6	19.8		38	1	12.2	8
2004	6	25	27.4	33.7	19.5		36	1.9	12.5	11.5
2004	6	26	27.5	33.8	18.9		35	1.9	11.8	10.6
2004	6	27	25.5	32.2	17.5		40	1.3	12.5	8.3
2004	6	28	25.8	35.8	17		47	0.9	12.4	7
2004	6	29	27.7	36.6	19.4		44	1.1	12.3	7.2
2004	6	30	28.8	37.2	20.7		47	1.1	12.7	7
2004	7	1	29.5	37.3	22.1		42	0.8	12.5	7.3
2004	7	2	30.3	38.4	21.7		39	1.1	12.4	8.4
2004	7	3	30.4	39.1	21.5		39	0.9	12.3	7.7
2004	7	4	30.2	37.3	22.4		35	1.8	11.7	8.9
2004	7	5	29.3	33.3	25.6	0.4	28	3.1	10	12.8
2004	7	6	27.2	32.6	21.3	1.2	37	1.3	12.5	7.9
2004	7	7	26.7	35	18.4		46	0.6	10.7	7.2
2004	7	8	26.4	31.2	22.3	0	46	1.1	8	7.3
2004	7	9	24.8	33.6	15.9		55	0.9	12.7	6.5
2004	7	10	26.8	35.7	18.4		43	1	12.5	7.1
2004	7	11	27.4	36.8	18.5		43	1	12.6	7.4
2004	7	12	27.4	34.8	20.9		47	1.3	12	8.3
2004	7	13	24.3	30.6	19.7	0.5	61	1.9	3.7	6.7

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	7	14	22.6	28.9	20.1	0	73	0.5	2.8	5.3
2004	7	15	22.7	28.5	17	0.5	71	1.3	6.4	4.7
2004	7	16	23.5	30.1	17.5	0.8	66	1.1	10.4	5.3
2004	7	17	23.4	31.5	15.7	0.4	63	0.8	9.7	5.6
2004	7	18	23.4	29.9	18.3	0.5	61	1.4	8.4	7
2004	7	19	24.2	30.3	18.7	0	55	0.9	11.3	7
2004	7	20	24	29.4	18.3		59	1.1	12.5	6.4
2004	7	21	25.1	32.7	17.6		56	0.8	12.9	6.7
2004	7	22	26.1	33.2	19.2		58	0.8	9.9	6.4
2004	7	23	26.7	34.5	18.3		56	0.6	11.9	6.3
2004	7	24	28.9	36.4	20.1	0	43	1.1	10.7	7.2
2004	7	25	29.4	37.3	21.2	0	44	0.8	11.4	7.8
2004	7	26	29.7	37.3	22.1		47	0.9	11.7	7.5
2004	7	27	29.3	37.6	22.5		51	0.6	11.4	7.3
2004	7	28	29.9	37.4	22.8		45	1.4	11.4	8
2004	7	29	29.1	36.8	22.7	0	41	1.4	5.7	8.9
2004	7	30	28.4	35.6	19.3	0	42	1.3	11.6	8.2
2004	7	31	27.1	33.9	21.1	0.5	48	1.9	10.4	8.5
2004	8	1	23.9	30	19.5	0.5	36	1.8	7.5	7.6
2004	8	2	23.1	30.4	18.1	0.5	64	1.1	9.6	6.7
2004	8	3	25.6	31.8	19.4	0	52	1.3	11.1	6.7
2004	8	4	26.1	33.8	18.9		51	0.6	11.6	7.6
2004	8	5	26.7	34.5	19.8		54	0.5	11.4	7.4
2004	8	6	28	35.2	20		49	1.8	10.2	8
2004	8	7	26.4	30.4	22.9		30	2.9	11.6	11.8
2004	8	8	23.1	30.8	15.8		52	0.9	11.1	8.1
2004	8	9	25	32.8	17.3		51	0.6	11.5	7.9
2004	8	10	25.7	32.6	18.3		49	0.9	10.6	8.4
2004	8	11	25.8	34.2	17.7		47	0.8	11.6	8.4
2004	8	12	26.2	35.4	18.2		50	0.9	11.5	8
2004	8	13	27	36.8	18		46	0.8	11.4	7.1
2004	8	14	28.3	38	19.8		49	0.8	11.2	8.2
2004	8	15	28.2	35.9	19.8		46	1.3	11	8.2
2004	8	16	28.3	36	21.3		53	0.8	10.8	6.3
2004	8	17	27.9	34.8	21.7	0	54	1.1	8.6	7
2004	8	18	27.4	35.9	19.7		51	0.8	11.1	7
2004	8	19	27.1	34.7	20.7		48	1	11	8.3
2004	8	20	26.1	34.8	18.3		54	0.9	11.5	8.1
2004	8	21	27	35.6	18.2		47	1.1	11.4	7.3
2004	8	22	27	35.6	19.9		48	1.1	11.3	7.2
2004	8	23	26.7	35.3	19.2		50	0.9	11.3	6.8
2004	8	24	26.2	36.5	18.5		52	0.9	11.4	7.3
2004	8	25	26.2	34.9	18.4		51	0.8	8.7	7.1
2004	8	26	26.9	32.9	20.6		48	1	4.9	6.6
2004	8	27	26.2	34.2	18.2		51	0.9	11.1	6.4
2004	8	28	25.7	34	17.9	0	51	0.8	11.4	7.5
2004	8	29	25.2	34	18.8		49	1.5	7	7.3
2004	8	30	25.2	32.9	17.7		48	1.1	10.3	6.3
2004	8	31	23.9	31.5	16.4		51	0.8	11.4	7.1
2004	9	1	22.7	31.0	15.2		55.0	0.5	11.0	6.5
2004	9	2	22.8	31.6	15.5		57.0	0.8	10.4	6.3
2004	9	3	23.6	32.5	15.9		51.0	0.9	10.9	6.6
2004	9	4	23.9	32.1	15.7		48.0	1.0	11.1	6.8
2004	9	5	24.5	32.6	17.0		44.0	1.1	10.3	5.7
2004	9	6	25.0	34.2	17.1		47.0	1.0	11.0	6.8
2004	9	7	25.8	36.0	18.1		44.0	1.1	11.0	6.7
2004	9	8	25.1	32.3	17.9		52.0	1.1	10.7	5.9
2004	9	9	23.1	30.9	16.3		59.0	1.0	10.6	6.3
2004	9	10	22.6	31.5	15.9		59.0	0.8	11.3	5.8
2004	9	11	23.8	33.9	15.4		55.0	1.0	10.9	5.5
2004	9	12	24.1	34.4	15.8		50.0	0.9	10.7	5.9
2004	9	13	22.8	31.5	15.7		52.0	1.0	10.2	6.1
2004	9	14	21.0	28.1	14.7		52.0	1.1	9.9	7.5
2004	9	15	19.9	23.6	16.7	0.0	55.0	0.8	2.0	4.8
2004	9	16	20.1	28.3	11.9		63.0	0.5	10.2	4.4
2004	9	17	21.4	29.2	14.2		56.0	0.8	9.8	4.6

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	9	18	21.6	30.0	14.7		51.0	1.0	9.6	4.9
2004	9	19	21.5	29.6	14.6		51.0	0.9	9.5	5.7
2004	9	20	21.0	28.6	14.7		48.0	1.4	8.0	6.2
2004	9	21	18.1	20.4	15.5	1.1	65.0	0.5	0.0	3.3
2004	9	22	16.3	23.9	9.2		69.0	0.8	9.8	4.2
2004	9	23	18.0	26.7	10.5		60.0	0.5	9.8	4.5
2004	9	24	19.0	28.6	10.3		56.0	0.9	9.8	4.6
2004	9	25	19.5	29.1	11.5		53.0	1.0	9.6	4.9
2004	9	26	19.7	28.9	12.9		53.0	0.6	9.1	4.7
2004	9	27	19.5	28.6	12.5		54.0	0.9	9.2	4.2
2004	9	28	19.7	29.5	13.2		56.0	0.9	9.6	3.8
2004	9	29	19.3	28.5	11.7		55.0	0.8	9.6	4.5
2004	9	30	19.5	28.4	11.9		57.0	0.6	9.8	4.2
2004	10	1	19.5	28.7	12.5		58.0	0.9	9.0	4.3
2004	10	2	18.9	24.9	14.2		65.0	0.4	0.0	3.4
2004	10	3	19.5	27.4	12.4		62.0	0.5	9.3	2.4
2004	10	4	18.5	28.7	12.0		60.0	0.6	9.6	3.4
2004	10	5	19.5	30.1	10.6		53.0	0.9	9.5	3.0
2004	10	6	17.3	23.9	10.4		58.0	1.4	9.0	5.2
2004	10	7	13.4	20.1	10.8	0.0	67.0	1.5	0.0	4.5
2004	10	8	11.9	17.3	8.4		66.0	0.6	6.6	3.1
2004	10	9	11.2	16.4	7.7		66.0	0.6	4.5	3.6
2004	10	10	10.1	16.5	4.8		68.0	0.4	7.3	3.3
2004	10	11	11.2	19.7	5.3		67.0	0.6	9.0	2.9
2004	10	12	13.2	21.6	7.2		65.0	0.5	7.3	2.5
2004	10	13	13.9	23.4	6.5		62.0	0.8	8.4	2.4
2004	10	14	14.6	24.3	7.0		62.0	0.6	7.6	2.9
2004	10	15	8.6	15.6	6.2	3.0	85.0	1.3	0.0	2.2
2004	10	16	8.4	11.1	6.2		84.0	0.5	0.0	1.7
2004	10	17	9.8	14.5	4.1		82.0	0.4	2.8	1.1
2004	10	18	10.7	13.4	7.7	1.2	85.0	0.5	0.0	0.7
2004	10	19	11.3	16.4	8.0		86.0	0.8	2.0	1.6
2004	10	20	11.2	19.2	5.5		80.0	0.8	8.7	1.5
2004	10	21	11.7	20.2	5.1		71.0	0.8	8.7	0.9
2004	10	22	12.6	22.1	5.5		64.0	1.0	8.7	2.5
2004	10	23	12.8	23.7	4.9		65.0	0.8	8.1	2.1
2004	10	24	12.9	17.5	1.1		69.0	1.1	3.3	1.5
2004	10	25	11.5	15.4	1.1	10.6	81.0	0.5	4.6	1.3
2004	10	26	10.7	18.4	1.6		84.0	0.9	7.5	1.7
2004	10	27	12.5	17.9	9.3	0.0	64.0	2.0	1.8	3.4
2004	10	28	9.2	15.1	1.1		81.0	0.3	1.2	1.0
2004	10	29	9.8	18.2	4.6		74.0	0.9	8.3	1.9
2004	10	30	11.0	20.2	4.5		68.0	0.8	7.3	1.7
2004	10	31	11.4	20.4	4.3		66.0	0.5	8.4	1.9
2004	11	1	11.8	20.6	6.1		63.0	1.1	8.2	2.2
2004	11	2	11.9	19.9	4.7		63.0	0.9	5.8	2.0
2004	11	3	13.2	19.2	8.3	0.0	71.0	0.9	5.6	1.4
2004	11	4	12.7	21.0	6.4		75.0	0.6	7.2	1.5
2004	11	5	12.1	20.4	7.9	1.5	77.0	1.0	3.4	0.8
2004	11	6	10.4	13.4	8.2	0.0	90.0	0.8	2.4	1.0
2004	11	7	11.3	17.2	6.5	0.0	83.0	0.6	5.2	0.9
2004	11	8	12.5	16.9	9.5		87.0	0.4	5.6	1.1
2004	11	9	11.1	16.0	6.8		83.0	0.6	0.3	1.3
2004	11	10	11.2	14.4	8.8	1.1	89.0	0.4	3.9	1.3
2004	11	11	9.5	15.3	5.1		83.0	0.6	5.0	1.4
2004	11	12	9.8	14.8	6.7		86.0	0.6	2.7	1.5
2004	11	13	8.9	15.7	4.2		62.0	0.8	6.9	1.2
2004	11	14	8.9	16.6	3.4		75.0	0.6	8.2	1.4
2004	11	15	8.5	16.3	3.0		69.0	0.8	7.0	1.2
2004	11	16	9.4	16.0	5.4		71.0	0.6	4.1	1.1
2004	11	17	8.6	15.4	3.8		73.0	0.8	5.8	1.5
2004	11	18	9.0	17.4	2.3		67.0	0.8	6.3	1.0
2004	11	19	11.2	15.6	9.6	1.9	70.0	0.9	0.0	0.5
2004	11	20	10.8	12.7	9.8	2.2	92.0	0.5	0.5	0.4
2004	11	21	11.8	16.7	10.1	0.5	86.0	0.9	5.2	0.3
2004	11	22	10.3	14.3	7.4	0.0	90.0	0.9	0.0	1.0

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2004	11	23	9.2	14.8	4.6		89.0	0.6	7.8	1.0
2004	11	24	8.6	16.3	3.7		81.0	0.8	6.9	1.1
2004	11	25	9.2	14.2	6.2	0.0	81.0	1.4	4.7	1.0
2004	11	25	7.7	10.2	5.4	0.0	87.0	0.9	2.6	1.4
2004	11	27	5.1	10.3	1.7		94.0	0.8	3.3	0.5
2004	11	28	6.9	14.2	1.1		84.0	0.6	4.3	0.9
2004	11	29	9.6	12.7	6.7	6.3	71.0	1.9	0.6	1.0
2004	11	30	6.1	9.2	4.3		79.0	0.9	6.4	1.0
2004	12	1	7.5	10.1	6.0	0.0	74.0	0.8	1.5	
2004	12	2	3.9	8.2	0.4		79.0	0.6	0.6	
2004	12	3	3.4	8.1	0.1	2.4	84.0	1.4	3.6	
2004	12	4	1.7	4.4	-0.6	0.0	80.0	1.0	7.7	
2004	12	5	0.8	6.9	-3.5		76.0	0.8	5.5	
2004	12	6	1.6	9.4	-3.5		79.0	0.5	1.6	
2004	12	7	2.5	7.2	-1.3		80.0	1.0	2.5	
2004	12	8	2.3	6.3	-0.8		81.0	0.4	7.8	
2004	12	9	4.0	11.8	-0.6		70.0	0.5	0.3	
2004	12	10	4.4	10.0	0.9		74.0	0.8	0.0	
2004	12	11	6.2	10.1	2.4		75.0	1.1	0.5	
2004	12	12	6.6	10.6	3.9		79.0	0.9	0.0	
2004	12	13	6.2	7.7	5.3	2.4	93.0	1.0	0.0	
2004	12	14	5.3	7.5	4.2	10.5	92.0	1.1	2.2	
2004	12	15	5.3	8.3	4.3	0.5	95.0	0.6	0.0	
2004	12	16	5.7	8.5	3.9		95.0	0.5	0.0	
2004	12	17	6.3	9.3	4.4		90.0	0.6	0.0	
2004	12	18	3.9	7.3	-0.2	18.7	96.0	1.4	0.0	
2004	12	19	0.1	1.4	-1.0	1.2	89.0	1.0	4.5	
2004	12	20	0.6	4.0	-1.3		79.0	0.9	3.0	
2004	12	21	-1.5	2.4	-4.1		82.0	1.0	4.4	
2004	12	22	-0.6	3.2	-3.1		89.0	0.4	6.0	
2004	12	23	1.1	5.6	-1.4		81.0	0.4	6.1	
2004	12	24	0.9	5.9	-2.7		82.0	0.5	6.5	
2004	12	25	0.7	5.7	-2.4		82.0	0.6	7.5	
2004	12	26	0.2	8.1	-3.7		73.0	1.1	2.8	
2004	12	27	0.3	6.4	-3.2		69.0	0.8	0.0	
2004	12	28	1.6	3.7	-0.1		77.0	0.4	0.0	
2004	12	29	2.3	4.2	1.0	0.7	78.0	1.3	0.0	
2004	12	30	1.4	2.5	0.4	2.3	92.0	1.0	0.0	
2004	12	31	1.2	2.3	0.4		84.0	1.0	0.0	

01-12.2005

Altitude: 582 m Coordinates: 40°23' North 71°45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	1	1	1.1	2.6	-0.1		89.0	0.8	0.0	
2005	1	2	2.8	4.1	1.4		88.0	0.4	0.0	
2005	1	3	3.2	5.7	1.6		79.0	1.0	3.5	
2005	1	4	3.5	7.9	1.5		82.0	0.5	2.1	
2005	1	5	4.2	7.6	1.2	0.0	86.0	0.6	0.0	
2005	1	6	4.8	9.3	1.6		87.0	0.8	6.7	
2005	1	7	3.0	6.6	-0.5		87.0	0.8	0.3	
2005	1	8	5.5	7.8	4.1	5.0	85.0	0.9	2.7	
2005	1	9	4.4	5.6	3.7		88.0	0.8	0.0	
2005	1	10	4.6	8.2	2.8	0.0	80.0	1.3	4.1	
2005	1	11	2.4	8.0	-1.7		77.0	0.9	6.5	
2005	1	12	3.2	9.9	-0.7		76.0	1.0	5.5	
2005	1	13	2.3	4.7	-0.1		83.0	0.5	0.0	
2005	1	14	3.4	5.0	1.7	0.0	85.0	0.5	0.0	
2005	1	15	2.5	5.5	-0.9		84.0	0.8	1.0	
2005	1	16	1.4	2.9	0.1		86.0	1.0	0.0	
2005	1	17	0.2	2.1	-0.7	0.4	84.0	1.3	0.4	
2005	1	18	-1.9	0.8	-4.0	0.2	87.0	0.8	2.7	
2005	1	19	-1.5	4.1	-5.8		74.0	0.8	7.2	
2005	1	20	-1.1	4.0	-5.1		78.0	0.6	4.5	
2005	1	21	1.7	4.5	-0.5		81.0	0.9	0.0	
2005	1	22	3.0	6.3	0.7		80.0	1.0	2.4	
2005	1	23	2.3	6.2	-0.7		77.0	0.9	5.3	
2005	1	24	2.1	5.6	-0.1		76.0	0.8	0.0	
2005	1	25	2.3	6.5	-2.9		77.0	0.4	2.9	
2005	1	26	2.6	6.8	-0.9	1.0	83.0	1.0	0.6	
2005	1	27	1.5	3.5	-0.4	0.0	85.0	1.0	0.0	
2005	1	28	-0.4	0.4	-1.5	0.3	81.0	1.0	0.0	
2005	1	29	-1.3	0.7	-3.7	0.9	85.0	0.6	0.0	
2005	1	30	-0.7	2.5	-2.1		87.0	1.0	3.0	
2005	1	31	-1.6	0.4	-3.7		87.0	0.5	0.0	
2005	2	1	-0.3	3.9	-2.5		81.0	0.9	3.5	
2005	2	2	1.2	2.9	-0.1		85.0	0.8	0.0	
2005	2	3	2.3	4.6	1.1	5.0	92.0	0.8	0.0	
2005	2	4	0.5	2.5	-0.7	7.5	96.0	0.8	0.0	
2005	2	5	-0.8	0.8	-2.2	0.0	89.0	0.9	0.0	
2005	2	6	-0.3	0.9	-1.3		81.0	0.9	0.0	
2005	2	7	-0.1	1.0	-1.0		85.0	0.6	0.0	
2005	2	8	0.8	3.4	-0.4		62.0	0.6	0.0	
2005	2	9	0.7	4.6	-2.9		74.0	0.5	3.8	
2005	2	10	1.2	6.4	-2.1		81.0	0.8	4.0	
2005	2	11	0.8	2.7	-0.4	3.1	87.0	0.9	0.0	
2005	2	12	-1.6	0.2	-2.9	3.8	93.0	1.0	0.0	
2005	2	13	-0.9	0.5	-1.9	0.0	89.0	0.8	0.0	
2005	2	14	0.5	2.4	-0.6	0.0	85.0	0.8	0.0	
2005	2	15	0.5	2.2	-1.2	0.0	80.0	0.9	0.0	
2005	2	16	-1.0	1.7	-2.8	1.6	86.0	0.9	1.5	
2005	2	17	-1.8	1.4	-2.9	0.0	85.0	0.6	0.0	
2005	2	18	-0.9	2.5	-2.8	0.2	82.0	1.1	0.0	
2005	2	19	0.8	4.9	-0.8		67.0	0.6	5.9	
2005	2	20	0.9	7.4	-3.8		71.0	0.9	8.0	
2005	2	21	3.1	11.0	-2.5		70.0	1.1	6.9	
2005	2	22	5.2	11.1	-0.3		67.0	0.8	5.1	
2005	2	23	5.8	9.0	4.5	3.2	78.0	1.4	0.0	
2005	2	24	4.5	8.3	2.6		73.0	0.9	2.7	
2005	2	25	2.9	5.8	1.6		80.0	0.6	0.0	
2005	2	26	3.3	10.1	-1.7		68.0	1.3	9.8	
2005	2	27	5.1	12.4	-0.7		66.0	0.9	8.1	
2005	2	28	7.1	14.4	0.5		64.0	0.9	9.1	
2005	3	1	8.3	16.1	1.3		60.0	1.0	10.4	
2005	3	2	9.4	18.2	3.5		57.0	1.4	10.0	
2005	3	3	10.7	18.8	4.4		52.0	1.1	6.1	
2005	3	4	12.1	19.4	6.0		50.0	1.0	7.4	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	3	5	12.8	20.7	7.0		52.0	1.0	8.2	
2005	3	6	14.1	22.5	6.4		56.0	1.3	10.0	
2005	3	7	13.2	19.3	8.7		59.0	0.9	4.5	
2005	3	8	13.3	19.1	8.0		67.0	0.8	4.9	
2005	3	9	13.1	19.1	8.5		71.0	0.9	7.2	
2005	3	10	14.2	20.9	8.8		65.0	1.6	5.3	
2005	3	11	13.8	19.7	8.3		61.0	1.0	3.0	
2005	3	12	14.5	19.6	10.3	0.0	66.0	1.1	2.7	
2005	3	13	13.4	15.6	11.2	3.8	84.0	1.1	0.1	
2005	3	14	14.0	16.2	12.4	5.6	89.0	0.9	0.0	
2005	3	15	14.6	18.5	12.2	7.2	84.0	1.5	5.5	
2005	3	16	13.6	16.4	10.6	8.2	70.0	2.1	1.5	
2005	3	17	11.4	14.3	9.5	0.7	77.0	1.0	1.9	
2005	3	18	10.5	13.2	8.1	1.1	84.0	0.9	0.2	
2005	3	19	9.5	11.9	7.3	0.1	82.0	0.9	0.8	
2005	3	20	10.5	17.7	4.4		75.0	1.1	10.8	
2005	3	21	13.5	20.2	9.0		68.0	0.9	8.0	
2005	3	22	14.2	20.8	7.8		58.0	1.0	11.2	
2005	3	23	14.8	21.6	9.5		60.0	1.5	11.2	
2005	3	24	15.0	21.8	9.3		60.0	1.4	9.3	
2005	3	25	13.8	20.0	9.8		64.0	3.1	3.6	
2005	3	26	10.0	13.3	7.7		51.0	3.3	3.1	
2005	3	27	5.1	7.9	2.1	1.4	67.0	2.3	0.0	
2005	3	28	5.7	11.4	0.8		70.0	1.1	8.7	
2005	3	29	8.0	15.9	0.9		66.0	0.8	10.5	
2005	3	30	10.8	18.6	2.4		60.0	1.3	8.8	
2005	3	31	13.7	22.8	5.5		59.0	1.0	10.9	
2005	4	1	16.2	24.4	8.5		54.0	1.3	9.2	2.7
2005	4	2	17.2	25.8	8.0		53.0	1.0	10.6	2.9
2005	4	3	18.1	25.6	11.7		50.0	1.5	7.5	3.8
2005	4	4	11.6	18.8	9.9	2.4	84.0	1.5	0.0	2.0
2005	4	5	8.3	10.6	5.7	1.4	76.0	3.0	0.0	1.7
2005	4	6	6.1	10.5	2.2	0.8	49.0	3.9	10.2	3.7
2005	4	7	6.2	10.6	2.1		57.0	1.1	6.0	2.2
2005	4	8	7.5	11.2	3.7	0.0	62.0	1.4	3.6	1.5
2005	4	9	8.7	12.4	5.9		62.0	0.9	3.8	2.2
2005	4	10	9.7	14.4	6.0		61.0	0.9	6.0	2.8
2005	4	11	10.7	17.9	4.1		61.0	1.1	11.0	3.4
2005	4	12	13.3	20.2	6.8		59.0	1.1	7.0	2.6
2005	4	13	15.2	20.1	9.4		54.0	0.9	7.2	2.9
2005	4	14	16.8	20.9	12.4	0.0	41.0	3.0	9.4	4.3
2005	4	15	14.5	21.5	8.3		51.0	1.5	12.0	4.2
2005	4	16	15.6	24.4	7.1		50.0	1.4	11.8	4.4
2005	4	17	17.9	27.0	10.0		49.0	1.4	12.4	3.9
2005	4	18	20.0	29.7	12.3		51.0	1.3	11.9	3.9
2005	4	19	18.6	23.3	13.4		62.0	1.3	0.2	3.4
2005	4	20	18.3	27.0	9.7		67.0	1.0	10.3	2.6
2005	4	21	20.5	29.6	13.1		59.0	1.1	11.3	3.4
2005	4	22	21.7	30.3	13.6		52.0	1.1	11.7	3.6
2005	4	23	21.8	29.4	15.7		51.0	1.3	7.1	3.5
2005	4	24	18.8	21.9	17.1	0	66.0	0.6	2.4	3.5
2005	4	25	18.2	24.2	12.4		71.0	0.9	7.2	2.8
2005	4	26	20.4	25.8	15.3		66.0	0.9	5.6	2.8
2005	4	27	21.8	28.4	15.4		55.0	0.9	10.4	4.2
2005	4	28	22.1	29.3	15.3		58.0	1.1	10.6	4.4
2005	4	29	21.7	30.2	17.2	14.6	63.0	1.4	6.4	2.4
2005	4	30	20.4	27.6	13.9	0.3	73.0	1.0	10.9	3.2
2005	5	1	22.2	29.9	15.7		67.0	0.8	9.2	4.7
2005	5	2	22.9	28.0	18.6	0	62.0	1.3	6.9	4.8
2005	5	3	22.5	28.5	15.9		66.0	0.6	6.4	3.1
2005	5	4	23.0	29.2	18.1	0	59.0	1.6	4.6	3.6
2005	5	5	20.8	27.8	16.1	1.8	72.0	1.1	6.5	3.4
2005	5	6	20.5	28.2	14	0.4	76.0	0.4	10.7	4.1
2005	5	7	22.0	28.9	15.7		65.0	1.9	10.1	5.5
2005	5	8	19.2	23.0	16	1.8	63.0	1.5	1.2	3.8
2005	5	9	16.3	19.6	14.8	4.5	79.0	0.8	0.0	1.9

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	5	10	16.1	25.5	13		73.0	1.1	11.3	4.0
2005	5	11	20.5	27.6	13.3		57.0	1.5	9.9	6.1
2005	5	12	20.7	27.2	15.3	0	51.0	1.5	8.3	5.5
2005	5	13	19.1	24.2	14.8	1	57.0	1.8	4.3	5.2
2005	5	14	17.0	23.4	12	0.3	67.0	1.5	10.3	4.4
2005	5	15	16.1	25.7	12.3	0.6	61.0	1.4	8.3	4.8
2005	5	16	16.6	23.7	9.9	0.3	67.0	1.1	9.5	5.3
2005	5	17	18.4	26.0	0.3		59.0	0.8	12.2	5.8
2005	5	18	18.3	24.8	5.5		58.0	2.0	6.8	4.7
2005	5	19	13.4	17.4	10.4		73.0	1.6	4.6	3.7
2005	5	20	14.5	21.2	8.3		67.0	1.0	7.4	3.3
2005	5	21	17.4	23.7	11.7		62.0	1.3	10.8	5.6
2005	5	22	18.7	27.0	11		60.0	1.0	12.3	4.9
2005	5	23	21.0	27.1	13.9		50.0	1.1	8.4	4.8
2005	5	24	21.2	28.1	13.7		49.0	1.4	10.0	5.2
2005	5	25	19.4	25.3	14	0	68.0	0.9	6.1	4.3
2005	5	26	19.7	27.5	12.6	0.5	65.0	1.3	10.0	5.9
2005	5	27	21.2	28.5	13.3	0.7	57.0	0.9	11.3	5.4
2005	5	28	22.8	29.4	15.7		48.0	1.5	9.4	5.5
2005	5	29	23.5	31.6	15.3		47.0	1.1	12.9	5.8
2005	5	30	23.7	31.0	17.8		52.0	1.0	6.4	4.8
2005	5	31	24.0	32.3	15.7		52.0	0.9	11.8	5.4
2005	6	1	25.7	33.5	17.7		45.0	1.4	12.7	7.6
2005	6	2	27.0	34.4	18.7		45.0	1.4	12.8	7.5
2005	6	3	27.5	35.4	20.5		46.0	1.4	12.2	6.5
2005	6	4	26.8	31.6	21.8	0	52.0	1.4	3.3	5.6
2005	6	5	25.0	31.0	19.9		56.0	1.0	6.3	5.9
2005	6	6	25.1	32.1	18.9	0	52.0	1.5	7.0	6.1
2005	6	7	24.3	32.4	15.9		56.0	1.0	12.6	7.4
2005	6	8	25.6	34.5	16.4		53.0	0.8	12.6	6.8
2005	6	9	26.6	33.7	19.7		46.0	1.6	8.2	8.2
2005	6	10	23.6	30.8	17.9	0	62.0	1.1	8.5	7.0
2005	6	11	21.0	23.7	18.7	2.9	75.0	0.8	0.2	3.0
2005	6	12	21.3	26.2	17.5	26.2	77.0	1.1	3.8	1.6
2005	6	13	23.5	29.9	17.7		68.0	0.6	8.8	4.3
2005	6	14	25.8	33.3	17.6		57.0	1.0	12.6	5.9
2005	6	15	27.5	35.9	19.9		52.0	1.1	12.8	6.3
2005	6	16	28.6	37.2	21.4		52.0	1.0	12.7	8.1
2005	6	17	29.8	37.5	21.9		43.0	1.1	12.6	8.1
2005	6	18	30.0	37.3	21.7		40.0	1.0	12.7	7.6
2005	6	19	29.2	36.9	20.8		40.0	2.1	9.8	8.8
2005	6	20	29.1	36.5	21.8	0	43.0	1.4	11.3	7.3
2005	6	21	29.5	37.4	19.7		47.0	1.3	12.6	8.4
2005	6	22	29.6	38.8	21.9		46.0	0.9	12.7	7.7
2005	6	23	30.2	40.6	21		48.0	0.9	12.4	7.6
2005	6	24	29.2	35.1	23.5	1	40.0	3.6	6.9	8.3
2005	6	25	26.0	31.6	21.7	0	48.0	1.3	11.5	7.0
2005	6	26	26.2	33.6	18.2	0	51.0	0.8	12.2	7.9
2005	6	27	26.9	33.9	21.6		51.0	1.4	10.9	7.9
2005	6	28	26.0	32.1	19.5		56.0	0.6	10.2	7.0
2005	6	29	26.0	34.0	20.8	0.4	55.0	0.6	8.8	5.5
2005	6	30	26.4	34.0	19		50.0	0.9	11.7	5.7
2005	7	1	27.4	36.2	17.5		50.0	1.4	11.8	9.1
2005	7	2	28.0	36.0	22.3		42.0	1.4	6.0	8.1
2005	7	3	26.5	34.5	17.7		53.0	0.6	12.6	7.5
2005	7	4	27.3	35.6	19.6		50.0	0.6	12.6	6.7
2005	7	5	28.8	37.8	20.5		47.0	0.6	12.6	8.0
2005	7	6	29.7	39.2	22.1		45.0	0.9	12.8	7.5
2005	7	7	31.0	40.4	23.8		44.0	0.9	12.8	77.0
2005	7	8	31.2	41.4	22.6		41.0	1.0	12.7	6.7
2005	7	9	31.7	40.4	24.4		37.0	1.4	12.5	8.1
2005	7	10	30.6	38.8	21.5		45.0	0.9	12.3	7.3
2005	7	11	30.4	36.7	24.3		44.0	1.3	11.3	8.6
2005	7	12	30.4	38.1	22.5		42.0	0.8	10.0	7.9
2005	7	13	31.4	38.5	26.1	0	39.0	1.3	10.3	9.4
2005	7	14	29.5	34.4	26.6	0	38.0	1.5	10.6	9.9

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	7	15	26.0	29.3	21.3	0	45.0	1.4	5.5	8.8
2005	7	16	26.5	32.8	18.5		39.0	1.4	12.4	9.3
2005	7	17	24.5	32.4	16.5		48.0	1.1	12.4	7.7
2005	7	18	26.1	34.3	17.8		47.0	0.8	12.3	7.6
2005	7	19	27.5	35.9	18.9		45.0	1.0	12.2	7.8
2005	7	20	28.2	35.5	21.1		45.0	1.0	12.1	7.6
2005	7	21	28.7	37.7	20.9	0	49.0	1.1	11.2	8.1
2005	7	22	28.6	35.4	24.3	0	50.0	1.1	7.4	7.6
2005	7	23	28.6	36.0	21.9		52.0	0.9	10.8	7.1
2005	7	24	28.4	36.3	21.8		45.0	1.5	10.7	9.3
2005	7	25	27.6	35.5	21.9		46.0	1.1	10.8	8.1
2005	7	26	27.3	34.0	21.7		55.0	1.3	11.1	8.5
2005	7	27	27.7	35.4	20.3		52.0	0.8	11.8	8.1
2005	7	28	28.6	35.4	21.6		53.0	0.9	11.0	8.8
2005	7	29	28.7	35.8	21.9	0	48.0	1.3	9.9	8.0
2005	7	30	28.7	36.4	21.8	0	52.0	0.6	11.1	7.9
2005	7	31	28.5	36.1	21		50.0	1.5	11.2	8.0
2005	8	1	27.4	33.3	20.5		47.0	1.6	11.7	10.9
2005	8	2	27.3	34.9	21	0	52.0	1.0	9.0	7.0
2005	8	3	27.6	34.8	20.5		53.0	1.0	11.5	7.6
2005	8	4	28.2	36.0	20.5		51.0	1.0	10.9	8.2
2005	8	5	28.3	35.5	21.4	0	46.0	1.4	11.8	9.4
2005	8	6	27.7	36.4	20.1		51.0	1.0	11.8	7.6
2005	8	7	26.7	32.9	21.9		48.0	1.5	5.7	8.9
2005	8	8	27.2	34.0	19.8		52.0	0.9	11.2	6.8
2005	8	9	26.8	36.0	18.4		57.0	0.6	11.7	7.6
2005	8	10	28.2	36.8	20.1		47.0	1.3	8.7	7.7
2005	8	11	26.8	33.7	22.1	0	54.0	1.5	6.6	7.5
2005	8	12	24.3	30.0	19.5	0.6	67.0	0.8	4.3	4.9
2005	8	13	25.1	32.9	17.6	0	62.0	0.8	11.2	5.6
2005	8	14	25.8	35.2	17.3	0	56.0	0.5	11.4	6.4
2005	8	15	27.3	36.0	19.3		51.0	0.9	11.1	7.8
2005	8	16	26.9	32.6	22.3		51.0	0.9	6.1	7.0
2005	8	17	26.2	32.4	19.7	0	48.0	1.3	9.7	7.2
2005	8	18	24.8	33.5	16.6	0	51.0	1.0	11.6	7.5
2005	8	19	25.3	34.3	17.1		52.0	1.0	11.6	7.2
2005	8	20	25.7	34.6	17.5		52.0	0.8	11.4	7.3
2005	8	21	26.3	36.1	17.1		45.0	1.0	11.6	7.4
2005	8	22	25.3	29.1	19.3	0	47.0	1.5	9.5	7.5
2005	8	23	22.6	28.3	15.7	0	58.0	0.9	4.7	5.9
2005	8	24	21.0	24.7	18.3	0.3	75.0	1.5	3.0	5.6
2005	8	25	22.0	30.5	14.1		72.0	0.4	9.7	6.0
2005	8	26	24.9	32.3	17.5		56.0	0.9	6.8	5.7
2005	8	27	21.8	28.2	17.3		35.0	3.9	2.6	12.3
2005	8	28	18.2	26.0	11.3		57.0	1.0	11.3	4.8
2005	8	29	19.7	27.3	12.5		56.0	1.0	9.2	5.2
2005	8	30	21.7	26.9	16.6	0	50.0	1.1	11.1	5.8
2005	8	31	21.3	28.9	13.6		58.0	0.8	11.5	5.2
2005	9	1	22.6	31.4	14.3		58.0	1.0	11.4	6.1
2005	9	2	23.6	33.2	15.1		55.0	0.9	11.5	6.0
2005	9	3	24.9	34.2	16.9		54.0	0.8	11.3	5.5
2005	9	4	25.2	34.6	18		55.0	0.9	11.2	5.8
2005	9	5	25.5	35.5	17.3		53.0	1.0	11.1	6.2
2005	9	6	26.0	36.8	16.6		52.0	0.9	11.2	5.9
2005	9	7	25.6	33.0	17.6		46.0	1.5	11.1	6.7
2005	9	8	24.6	31.6	17.4		47.0	0.6	10.6	6.3
2005	9	9	22.2	29.3	16.7		52.0	1.0	10.3	6.8
2005	9	10	21.7	28.9	14.3		45.0	1.1	11.0	6.1
2005	9	11	21.2	30.2	13.9		54.0	0.9	11.0	6.2
2005	9	12	21.7	31.4	14.4		55.0	0.9	10.8	5.7
2005	9	13	23.0	33.2	14.3		54.0	0.8	10.9	4.6
2005	9	14	23.3	32.4	16.3		49.0	0.9	10.8	5.4
2005	9	15	22.9	32.9	14.1		50.0	1.0	10.7	5.5
2005	9	16	22.6	32.9	14.5		51.0	0.8	10.7	5.9
2005	9	17	23.3	33.6	15.1		49.0	0.6	7.7	5.3
2005	9	18	25.1	31.7	17.3		49.0	1.0	9.2	5.3

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	9	19	24.7	30.4	19		47.0	1.0	10.1	6.1
2005	9	20	22.7	31.2	15.9		55.0	1.0	10.2	5.6
2005	9	21	21.7	30.6	15.3		54.0	1.0	10.1	6.1
2005	9	22	21.1	30.0	13.1		57.0	0.9	10.0	5.8
2005	9	23	20.7	29.9	12.8		54.0	0.8	10.0	5.1
2005	9	24	20.8	30.2	13.7		54.0	0.9	9.8	4.5
2005	9	25	20.6	28.3	12.5	0	51.0	1.0	5.7	4.7
2005	9	26	21.0	27.7	16.6	0	51.0	0.8	5.1	3.9
2005	9	27	20.0	27.5	14.4		58.0	0.8	7.9	4.4
2005	9	28	21.1	28.0	15.3		53.0	0.9	9.3	4.8
2005	9	29	18.7	26.8	10.1		53.0	0.6	9.3	4.7
2005	9	30	17.8	27.9	9.3		50.0	0.6	9.3	4.5
2005	10	1	18.5	28.2	10.4		51.0	0.8	9.5	4.7
2005	10	2	18.5	27.5	11.2		57.0	0.8	4.0	3.9
2005	10	3	21.8	26.6	16.7	0.3	49.0	1.3	8.2	4.8
2005	10	4	2.1	27.1	13.5	0.9	61.0	1.0	8.4	2.9
2005	10	5	19.2	27.5	12.7		63.0	0.8	9.4	3.9
2005	10	6	19.5	28.8	12.8		59.0	0.9	8.2	3.7
2005	10	7	19.5	28.4	11.6		64.0	0.9	9.3	4.3
2005	10	8	19.5	27.3	12.7		55.0	1.3	8.3	4.2
2005	10	9	17.4	22.9	10.3		56.0	0.8	1.5	3.5
2005	10	10	17.4	24.7	13		55.0	1.0	8.8	3.7
2005	10	11	15.3	23.6	9.4		64.0	0.9	7.6	3.6
2005	10	12	15.8	21.0	12.3		55.0	0.5	3.7	3.4
2005	10	13	14.5	20.9	11.5	0	61.0	0.6	6.1	2.7
2005	10	14	12.7	18.5	7.7		61.0	1.8	3.9	4.6
2005	10	15	12.0	19.4	3.8		63.0	0.5	9.0	3.1
2005	10	16	11.9	19.6	5.8		62.0	0.8	8.9	3.1
2005	10	17	12.3	20.0	7.3		54.0	1.1	8.9	3.4
2005	10	18	12.0	21.9	4.6		50.0	1.1	8.8	2.5
2005	10	19	12.7	23.8	4.4		49.0	1.1	8.8	3.3
2005	10	20	13.8	25.0	4		44.0	1.0	8.7	3.5
2005	10	21	13.9	26.3	4.4		48.0	1.0	8.6	3.3
2005	10	22	14.2	25.1	4.4		47.0	1.1	8.6	3.3
2005	10	23	12.4	18.6	5.9		69.0	0.9	5.5	2.8
2005	10	24	8.9	11.7	7.8		93.0	0.6	0.0	2.8
2005	10	25	9.4	13.1	7.2	0	83.0	0.9	4.3	0.1
2005	10	26	9.4	16.6	3.4	12.4	82.0	0.5	8.5	1.1
2005	10	27	10.4	18.0	5.1	2.3	80.0	0.8	8.3	1.8
2005	10	28	10.8	19.7	4		78.0	0.8	8.2	2.0
2005	10	29	11.3	21.2	4.7		75.0	0.8	8.2	1.7
2005	10	30	12.9	21.9	6.4		73.0	0.6	7.5	1.5
2005	10	31	13.2	18.3	10.7	0	66.0	1.1	5.5	1.4
2005	11	1	12.2	19.5	8.6		66.0	0.6	5.4	2.7
2005	11	2	10.9	18.7	5.8		72.0	0.8	7.9	1.9
2005	11	3	10.4	18.5	4.5		71.0	0.6	7.4	2.1
2005	11	4	10.4	19.3	4.1		69.0	0.6	7.6	1.8
2005	11	5	10.7	19.2	3		66.0	1.0	7.7	1.9
2005	11	6	9.5	18.9	2.8		71.0	0.9	7.4	2.1
2005	11	7	9.5	14.9	3.6		68.0	0.9	1.1	1.7
2005	11	8	11.8	16.3	8.5	0	77.0	0.9	5.9	1.0
2005	11	9	10.1	16.5	5.2	0.3	77.0	0.8	4.0	1.5
2005	11	10	9.3	11.7	6.7		84.0	0.9	0.0	0.9
2005	11	11	8.7	9.9	7.5	0	82.0	0.4	0.0	1.0
2005	11	12	6.6	12.4	1.4	0	80.0	0.5	8.0	1.2
2005	11	13	6.1	12.1	2.1		79.0	0.8	5.6	1.6
2005	11	14	7.2	11.4	4.3		82.0	1.3	1.3	0.7
2005	11	15	5.8	11.3	2.1	0.6	88.0	0.3	3.6	1.1
2005	11	16	5.4	10.4	1.5		84.0	0.1	3.9	1.4
2005	11	17	5.0	12.9	-0.1		73.0	0.8	8.1	1.1
2005	11	18	5.6	14.5	-0.8		68.0	0.9	8.3	1.3
2005	11	19	5.7	15.6	-0.9		67.0	0.6	8.2	1.3
2005	11	20	7.3	16.3	1		63.0	0.8	8.1	0.9
2005	11	21	8.0	17.4	1.1		65.0	0.6	6.7	1.6
2005	11	22	9.5	16.5	4.3		66.0	0.5	6.0	1.3
2005	11	23	9.1	17.0	2.9		67.0	1.0	7.1	1.3

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2005	11	24	8.9	15.1	3.9		70.0	1.3	5.5	1.7
2005	11	25	9.1	10.9	6.6	0	54.0	1.4	0.0	1.5
2005	11	26	3.7	9.0	0.7		76.0	0.6	2.1	1.3
2005	11	27	2.9	8.4	-0.9		83.0	0.8	5.4	1.1
2005	11	28	3.5	7.0	1		83.0	0.5	0.0	1.0
2005	11	29	1.3	6.5	-2.8		86.0	0.5	4.6	0.9
2005	11	30	1.3	7.5	-3.1		83.0	0.5	6.3	
2005	12	1	1.6	8.7	-3.3		79.0	1.0	6.5	
2005	12	2	1.9	9.6	-3.5		76.0	0.9	7.1	
2005	12	3	2.7	8.3	-2.7		70.0	0.5	3.9	
2005	12	4	3.9	9.2	0.2	0.1	71.0	0.6	4.4	
2005	12	5	5.9	9.4	3.9		78.0	0.3	1.3	
2005	12	6	4.6	11.7	0.2	1.3	86.0	0.9	7.3	
2005	12	7	5.6	9.8	1.8	5.4	90.0	1.1	0.9	
2005	12	8	6.6	9.3	3.1		78.0	1.6	0.1	
2005	12	9	2.6	5.2	0.9		86.0	0.6	1.4	
2005	12	10	3.0	6.8	0.7		85.0	0.6	4.0	
2005	12	11	1.3	7.1	-2.8		85.0	0.5	6.3	
2005	12	12	1.6	8.8	-2.9		83.0	0.4	5.9	
2005	12	13	1.5	9.0	-3.2		80.0	0.4	6.4	
2005	12	14	1.7	8.3	-2.6		78.0	0.3	6.4	
2005	12	15	1.5	8.3	-2.9		80.0	0.9	6.4	
2005	12	16	2.0	9.9	-2.1		74.0	0.6	7.7	
2005	12	17	2.1	10.4	-2.8		72.0	0.8	7.7	
2005	12	18	2.3	11.7	-2.5		69.0	0.6	7.5	
2005	12	19	2.8	12.5	-2.6		65.0	1.3	7.6	
2005	12	20	2.6	12.6	-2.7		66.0	0.8	7.8	
2005	12	21	3.1	11.9	-2.6		61.0	0.8	6.9	
2005	12	22	2.5	10.3	-2.1		67.0	0.5	6.4	
2005	12	23	5.5	10.6	-2.5		68.0	0.4	7.0	
2005	12	24	5.5	10.2	-3.1		67.0	0.9	7.1	
2005	12	25	4.8	10.3	2.2		63.0	1.0	2.6	
2005	12	26	5.8	10.1	2.9		64.0	0.6	0.4	
2005	12	27	5.9	8.6	4.2	7.6	84.0	0.9	0.0	
2005	12	28	4.8	7.3	1.3	0	67.0	2.3	0.7	
2005	12	29	0.8	4.2	-1.9		86.0	0.6	3.4	
2005	12	30	0.7	2.2	-0.5	0	81.0	0.9	2.7	
2005	12	31	-0.5	2.4	-3.7	0	83.0	0.8	4.5	

01-11.2006

Altitude: 582 m Coordinates: 40°23' North 71°45' East

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2006	1	1	-1.4	-0.3	-2.3	0.9	88.0	0.9	0.2	
2006	1	2	-2.5	-1.2	-4.2	0	83.0	1.3	0.8	
2006	1	3	-4.8	-3.7	-5.6	0	79.0	0.9	0.0	
2006	1	4	-3.9	-2.2	-4.6	0	71.0	1.0	0.9	
2006	1	5	-4.3	-3.7	-5.1	0	73.0	1.0	1.5	
2006	1	6	-4.7	-2.3	-6.2	0	69.0	1.0	0.0	
2006	1	7	-5.4	-0.2	-8.7		72.0	1.0	2.9	
2006	1	8	-1.5	3.9	-5.4		74.0	0.6	7.1	
2006	1	9	0.8	4.8	-1.5		76.0	1.0	0.0	
2006	1	10	0.2	1.7	-1.9	2	88.0	0.9	0.0	
2006	1	11	-2.1	1.0	-4.3	6.6	93.0	1.0	0.0	
2006	1	12	-1.4	0.6	-2.3	0.2	91.0	0.4	0.0	
2006	1	13	-3.0	0.7	-7.5	0	90.0	0.9	0.0	
2006	1	14	-2.8	-1.7	-3.3		94.0	0.5	0.0	
2006	1	15	-3.1	-2.0	-4.1	4.8	94.0	0.6	0.0	
2006	1	16	-1.4	-0.5	-2.2	1.7	94.0	0.5	0.0	
2006	1	17	-1.3	1.2	-2.6		87.0	0.9	4.1	
2006	1	18	-2.3	-0.6	-3.6		86.0	1.1	0.0	
2006	1	19	-3.8	-2.3	-4.9	0	86.0	1.0	0.0	
2006	1	20	-5.4	-2.8	-7.5	0	89.0	1.0	0.0	
2006	1	21	-5.6	0.0	-8.7	0	88.0	0.5	4.7	
2006	1	22	-4.2	2.7	-8.4		77.0	0.4	5.4	
2006	1	23	-2.6	5.0	-7.4		68.0	1.1	5.1	
2006	1	24	-1.6	2.2	-5.7		77.0	0.8	0.0	
2006	1	25	0.6	6.7	-3.5		71.0	0.8	4.9	
2006	1	26	-0.9	1.5	-1.9	3.6	88.0	0.8	0.0	
2006	1	27	-0.8	0.5	-2	21.6	94.0	0.4	0.0	
2006	1	28	-0.4	0.6	-1.6	18.2	95.0	0.3	0.0	
2006	1	29	-1.5	-0.9	-2.6	3.1	95.0	0.9	0.0	
2006	1	30	-1.4	2.0	-3.3	0.9	94.0	0.5	0.0	
2006	1	31	-0.9	0.7	-2.5	3.7	96.0	0.9	0.0	
2006	2	1	1.4	6.0	-0.6	0.4	91.0	0.5	4.0	
2006	2	2	0.1	4.7	-3.3		88.0	0.9	0.6	
2006	2	3	0.8	6.5	-3.3		84.0	0.4	5.3	
2006	2	4	2.2	10.2	-2.9		78.0	0.5	6.5	
2006	2	5	3.7	10.2	-0.1	0	71.0	0.6	1.9	
2006	2	6	4.3	9.2	1.5		81.0	0.4	0.6	
2006	2	7	4.2	10.3	-0.1		83.0	0.6	6.5	
2006	2	8	4.1	11.4	-0.9		81.0	0.6	6.4	
2006	2	9	5.6	15.1	0	0	75.0	0.6	5.6	
2006	2	10	7.2	10.1	4.2	10	72.0	1.0	0.0	
2006	2	11	9.8	14.1	4.9		62.0	2.8	3.4	
2006	2	12	4.9	10.4	0		83.0	0.8	8.0	
2006	2	13	5.5	9.7	1.3		85.0	0.8	0.3	
2006	2	14	6.9	13.1	3.2		76.0	0.8	5.9	
2006	2	15	6.5	12.8	1.6		77.0	1.0	5.8	
2006	2	16	5.8	11.9	1.1	0	79.0	0.6	3.4	
2006	2	17	7.1	10.9	3.1	1.2	77.0	1.0	0.0	
2006	2	18	9.0	12.0	5.6	7.8	80.0	2.3	2.8	
2006	2	19	4.5	8.4	2.5	2.3	86.0	1.3	0.0	
2006	2	20	3.4	6.2	1.5	0.4	91.0	0.8	0.0	
2006	2	21	6.0	10.6	2.1		82.0	1.1	5.5	
2006	2	22	6.5	10.9	2.2	1.7	84.0	0.3	2.7	
2006	2	23	4.6	7.3	3.5	0	91.0	1.0	0.0	
2006	2	24	3.4	4.8	2.2		82.0	0.8	0.0	
2006	2	25	2.6	5.1	1.1		83.0	0.8	0.0	
2006	2	26	5.0	9.7	0.6		80.0	1.0	7.4	
2006	2	27	6.8	13.9	1		76.0	1.1	7.8	
2006	2	28	8.6	15.3	1.7		69.0	0.9	9.5	
2006	3	1	08-сеп	15.6	2.5		67.0	0.9	8.3	
2006	3	2	10.4	15.0	7.1		69.0	0.8	0.7	
2006	3	3	10.4	16.5	5.4		69.0	0.9	5.8	
2006	3	4	11.0	18.0	4.7		70.0	1.3	6.2	

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2006	3	5	12.4	19.0	6.4		69.0	1.0	6.8	
2006	3	6	7.8	13.9	5.4	3.8	82.0	1.9	0.0	
2006	3	7	8.5	11.3	7.1		83.0	0.5	0.0	
2006	3	8	10.2	15.8	4.2		76.0	0.4	9.6	
2006	3	9	11.6	18.9	6.1		69.0	1.5	10.0	
2006	3	10	11.9	19.2	5.6		64.0	1.0	9.9	
2006	3	11	11.9	20.9	3.6		56.0	0.9	10.1	
2006	3	12	11.4	18.5	5.4		54.0	1.5	8.9	
2006	3	13	9.1	13.4	5.3		77.0	1.4	0.0	
2006	3	14	6.4	8.5	4.9	0	80.0	0.8	0.0	
2006	3	15	8.4	11.5	6.5	0	75.0	0.9	1.6	
2006	3	16	8.6	14.4	2.5	0	72.0	1.0	8.2	
2006	3	17	9.3	14.5	3.7		74.0	1.0	5.9	
2006	3	18	11.1	15.9	8.1	0	71.0	0.9	5.0	
2006	3	19	11.8	15.8	8	0.3	79.0	1.4	7.6	
2006	3	20	12.6	17.8	6.9		75.0	0.8	6.3	
2006	3	21	13.4	19.2	7.5		68.0	1.1	4.7	
2006	3	22	12.9	17.5	10	2.8	62.0	2.6	2.6	
2006	3	23	9.6	17.6	2.4		64.0	1.0	11.3	
2006	3	24	12.1	20.3	5.5		60.0	1.3	11.1	
2006	3	25	14.2	22.1	7.1		61.0	1.0	10.6	
2006	3	26	13.6	19.4	8.7		67.0	1.3	4.1	
2006	3	27	13.9	20.3	8.2		63.0	1.3	8.7	
2006	3	28	15.5	22.5	8.9		61.0	1.0	8.1	
2006	3	29	16.1	20.3	14.2	0	69.0	1.4	4.7	
2006	3	30	15.7	20.9	10.8		70.0	1.4	10.2	
2006	3	31	15.9	22.0	11.8	0.4	73.0	1.8	1.5	
2006	4	1	13.1	16.3	10.9	3.3	70.0	1.9	1.6	5.1
2006	4	2	14.4	19.7	10.1		58.0	1.3	10.3	4.0
2006	4	3	13.7	21.0	6.5		65.0	1.1	11.2	3.9
2006	4	4	15.3	24.0	8.3		58.0	1.5	11.6	3.3
2006	4	5	17.5	24.7	8.7		56.0	1.4	9.2	3.3
2006	4	6	17.6	22.9	12.9	3.7	62.0	1.8	9.9	3.5
2006	4	7	16.3	24.6	9.3		64.0	0.6	10.6	3.3
2006	4	8	15.7	23.2	9.7		59.0	1.6	2.4	4.1
2006	4	9	11.0	17.4	7.4	1.1	66.0	2.8	0.0	2.6
2006	4	10	8.8	13.6	5		66.0	1.3	9.9	2.6
2006	4	11	9.3	16.8	2.5		69.0	0.8	11.4	4.0
2006	4	12	11.9	19.5	4.5		58.0	1.0	11.9	3.8
2006	4	13	13.2	20.9	5.9		62.0	0.8	9.4	3.6
2006	4	14	16.1	23.7	9		51.0	1.4	10.0	3.9
2006	4	15	17.1	23.6	9.9	0	53.0	1.1	4.9	3.2
2006	4	16	17.7	24.1	11.6		53.0	0.9	11.2	3.1
2006	4	17	18.6	26.1	11.6		53.0	1.0	11.6	3.9
2006	4	18	19.1	27.3	11.9		51.0	0.9	11.1	3.8
2006	4	19	20.1	28.3	12.6		56.0	1.1	9.2	3.9
2006	4	20	21.0	28.9	13.5		54.0	1.4	8.9	3.7
2006	4	21	18.3	22.5	15.2	0	53.0	2.4	8.4	6.4
2006	4	22	17.7	25.5	11.2		61.0	0.8	9.4	4.4
2006	4	23	18.4	26.9	10.1		64.0	0.6	11.2	3.9
2006	4	24	21.0	29.6	14.3	0	57.0	0.8	9.0	3.5
2006	4	25	21.8	30.4	14.3		61.0	0.5	9.9	3.3
2006	4	26	23.0	31.8	14.3		53.0	0.6	11.0	4.3
2006	4	27	24.9	34.3	16.4		50.0	1.1	11.1	3.9
2006	4	28	23.6	31.6	17.1		54.0	2.8	8.7	7.0
2006	4	29	21.9	26.0	17.4	0.7	65.0	1.1	6.1	3.8
2006	4	30	20.3	25.5	16.3	0.1	70.0	0.9	6.0	3.0
2006	5	1	21.0	27.0	16.4	13.7	69.0	0.9	9.4	4.4
2006	5	2	21.0	26.5	14.9		57.0	1.5	8.5	4.2
2006	5	3	20.7	28.3	14.1		59.0	0.8	9.9	3.5
2006	5	4	17.2	21.8	15.8	5.9	83.0	0.5	0.0	1.6
2006	5	5	18.6	24.6	13.7	0	83.0	0.5	8.4	3.8
2006	5	6	18.4	24.1	13.8	5.7	81.0	1.3	0.0	1.9
2006	5	7	15.4	18.4	12.4	2.1	82.0	0.6	0.3	1.5
2006	5	8	18.8	25.4	12.6	0.4	72.0	0.6	10.1	3.8
2006	5	9	21.6	29.7	14.4		67.0	0.9	10.7	4.5

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2006	5	10	22.7	30.1	15.1		53.0	1.4	12.1	4.3
2006	5	11	23.0	31.5	14.9		54.0	0.8	12.0	4.5
2006	5	12	24.0	33.0	16.1		54.0	0.9	11.1	5.4
2006	5	13	25.3	33.5	16.7		53.0	0.9	12.1	4.4
2006	5	14	25.9	34.5	17.3		55.0	0.8	11.8	4.9
2006	5	15	27.4	35.5	19.5		49.0	1.1	11.2	4.9
2006	5	16	28.6	36.5	21.1		44.0	1.5	9.5	5.4
2006	5	17	25.4	31.2	21.9	0.3	47.0	2.4	8.0	6.5
2006	5	18	22.8	30.5	15.1		64.0	0.6	11.8	4.8
2006	5	19	25.0	34.1	16.6		51.0	0.6	12.8	5.9
2006	5	20	26.7	35.1	19.4		41.0	1.6	10.7	5.9
2006	5	21	25.7	31.3	19.1	0	41.0	2.4	11.3	8.3
2006	5	22	22.4	26.7	17.7	0	54.0	1.6	10.3	7.0
2006	5	23	22.5	30.6	15.6	0	64.0	1.0	6.5	4.8
2006	5	24	24.0	31.9	19.4	7.6	55.0	1.4	7.0	5.6
2006	5	25	21.5	28.4	16.7	1.4	69.0	1.3	5.6	5.3
2006	5	26	22.9	30.9	15.7		61.0	0.8	10.6	4.1
2006	5	27	22.8	29.5	17.3	0	66.0	1.0	6.7	3.7
2006	5	28	23.1	29.3	16.3	0	59.0	0.9	10.4	4.8
2006	5	29	24.3	32.8	15.5		52.0	1.1	10.9	5.2
2006	5	30	25.9	31.6	20.8	0.4	45.0	1.6	9.6	6.6
2006	5	31	21.4	28.0	17.3	0	61.0	1.5	6.0	5.9
2006	6	1	22.5	29.6	15.3	0	63.0	0.5	11.6	6.2
2006	6	2	23.8	31.6	15.7		53.0	1.0	13.3	6.4
2006	6	3	24.9	31.2	17.7		41.0	2.6	12.8	10.0
2006	6	4	21.7	29.6	13.1		48.0	0.6	12.8	7.7
2006	6	5	23.7	32.5	15.2		45.0	0.9	12.9	6.7
2006	6	6	25.8	31.1	18.4		31.0	1.5	12.8	8.4
2006	6	7	24.1	30.5	16.7		45.0	0.9	12.6	8.4
2006	6	8	24.4	33.0	16.7		50.0	1.0	13.0	7.2
2006	6	9	23.1	28.7	17.6		48.0	1.0	3.4	6.7
2006	6	10	23.5	31.5	15.7	0	45.0	1.1	9.5	6.2
2006	6	11	24.1	31.9	17.7	0.5	46.0	1.3	9.3	7.6
2006	6	12	24.1	32.0	17.7	0.5	53.0	0.8	12.9	4.9
2006	6	13	25.8	34.2	17.5		50.0	0.8	13.6	7.1
2006	6	14	28.3	35.8	19.9		41.0	1.8	13.2	9.1
2006	6	15	28.0	32.5	25		24.0	3.4	13.2	12.8
2006	6	16	25.2	32.5	16.9		38.0	1.0	13.2	9.3
2006	6	17	25.8	35.5	16.4		46.0	1.0	13.1	7.5
2006	6	18	27.7	37.0	17.9		43.0	1.1	13.2	7.7
2006	6	19	28.2	37.2	19.6		38.0	0.9	13.3	8.3
2006	6	20	29.0	38.6	20.5		44.0	1.1	13.3	7.6
2006	6	21	29.4	38.8	20.6		44.0	1.3	12.7	8.9
2006	6	22	30.0	38.5	21.7		41.0	1.1	10.7	8.5
2006	6	23	28.1	35.9	18.6		42.0	1.4	10.9	8.7
2006	6	24	29.2	35.7	23.3	0	38.0	0.9	10.3	8.3
2006	6	25	28.1	35.4	19.5		46.0	1.0	10.6	7.8
2006	6	26	28.3	36.5	20.5		43.0	1.0	11.4	7.8
2006	6	27	29.5	36.3	22.6	0	40.0	1.4	11.1	8.9
2006	6	28	28.3	36.9	21.9	0.1	44.0	1.3	9.9	7.3
2006	6	29	27.8	32.6	22.4	0.4	49.0	1.6	10.9	8.1
2006	6	30	26.8	34.8	20.4	0	53.0	1.3	7.9	8.0
2006	7	1	23.2	27.4	20.1	2.6	69.0	1.1	4.4	5.6
2006	7	2	24.0	31.0	19.1	0	65.0	0.9	7.9	6.4
2006	7	3	26.9	35.0	19.7		57.0	0.8	11.9	5.9
2006	7	4	28.5	36.9	21.7		47.0	0.9	13.2	7.8
2006	7	5	29.8	37.8	21.9		46.0	1.0	13.3	7.4
2006	7	6	28.7	35.7	23.1		51.0	0.8	11.0	7.8
2006	7	7	27.9	35.0	20.7		51.0	0.9	12.7	7.8
2006	7	8	27.9	35.5	21.4		44.0	1.0	13.2	8.6
2006	7	9	27.4	35.5	18.8		44.0	1.3	13.2	8.0
2006	7	10	27.7	34.7	20.7		36.0	1.8	13.2	9.1
2006	7	11	28.1	30.0	26.3	0	20.0	3.4	5.6	13.0
2006	7	12	25.1	30.8	19.5	0	31.0	2.0	10.3	8.3
2006	7	13	22.8	26.7	19.3	0	44.0	1.3	6.2	6.9
2006	7	14	22.2	29.2	16.4	5.4	54.0	1.0	10.7	5.0

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2006	7	15	23.8	30.7	16.6	0	54.0	0.8	10.0	5.8
2006	7	16	24.8	31.8	17.9	0	50.0	1.1	12.4	6.4
2006	7	17	25.4	33.9	17.8		52.0	0.8	12.9	7.1
2006	7	18	27.1	35.1	19.3		48.0	0.9	11.8	7.5
2006	7	19	27.9	35.6	20.5		45.0	1.3	12.5	7.7
2006	7	20	27.8	36.2	19.6		48.0	1.0	12.7	7.1
2006	7	21	28.3	38.3	20.3		47.0	0.9	12.5	7.7
2006	7	22	28.8	38.3	20.1		47.0	0.8	12.6	7.9
2006	7	23	30.2	39.5	21.9		44.0	1.1	12.6	7.9
2006	7	24	28.7	36.4	20.7		51.0	1.0	12.1	8.8
2006	7	25	27.6	35.1	19.9		54.0	0.8	12.1	7.8
2006	7	26	26.5	35.2	19.1		54.0	1.0	12.1	7.6
2006	7	27	29.2	38.0	22.8		47.0	1.0	11.4	7.3
2006	7	28	27.7	35.4	21		46.0	0.9	11.2	7.8
2006	7	29	27.8	36.6	18.9		52.0	0.8	11.9	7.3
2006	7	30	29.1	39.2	20.5		54.0	0.6	11.9	7.2
2006	7	31	29.2	36.2	22.6		51.0	0.8	12.0	7.5
2006	8	1	28.4	36.2	21.3		50.0	1.0	11.9	8.7
2006	8	2	28.7	37.6	21.1		53.0	0.6	11.8	7.1
2006	8	3	28.9	36.3	31.7		55.0	0.9	11.5	7.5
2006	8	4	28.8	36.4	21.6		45.0	1.1	11.0	8.0
2006	8	5	28.7	36.6	21.6		46.0	0.9	11.6	7.7
2006	8	6	29.0	35.6	23.1		52.0	1.1	8.1	7.1
2006	8	7	27.5	35.4	20.1		47.0	0.9	11.8	7.4
2006	8	8	27.2	36.0	19.5		49.0	0.9	11.4	7.2
2006	8	9	27.9	37.0	19.4		44.0	1.1	11.5	7.5
2006	8	10	28.6	38.3	20.8		44.0	1.0	11.5	7.3
2006	8	11	28.4	37.4	20.1		47.0	1.0	11.4	7.3
2006	8	12	27.7	35.4	19.7		52.0	0.8	11.3	7.8
2006	8	13	27.0	35.8	19.1		51.0	0.5	11.3	7.1
2006	8	14	28.3	35.6	19.4		40.0	1.8	11.4	7.3
2006	8	15	27.2	33.2	19		35.0	1.4	11.3	9.3
2006	8	16	25.1	32.2	19.1		46.0	1.3	10.2	8.5
2006	8	17	26.2	31.8	20		33.0	1.5	10.8	8.9
2006	8	18	24.0	34.2	15.8		46.0	1.0	11.4	6.9
2006	8	19	25.3	34.8	17.1		44.0	1.3	11.3	7.4
2006	8	20	26.0	35.1	16.7		46.0	1.1	11.1	6.9
2006	8	21	26.9	36.4	18.5		48.0	0.9	11.1	7.6
2006	8	22	26.8	36.3	19.8		51.0	0.6	10.8	6.9
2006	8	23	27.4	36.5	18.9		46.0	1.1	10.8	7.0
2006	8	24	28.2	36.3	23		47.0	1.1	10.9	7.1
2006	8	25	26.7	35.9	19.5		47.0	1.1	11.3	6.8
2006	8	26	26.3	34.5	19.2		47.0	0.5	11.4	6.4
2006	8	27	25.7	34.0	18.4		54.0	1.1	10.6	6.7
2006	8	28	25.4	33.1	19.1		45.0	1.1	11.5	6.1
2006	8	29	23.9	32.3	16.6		43.0	1.0	11.1	6.9
2006	8	30	23.4	33.2	15.1		45.0	1.0	12.0	6.2
2006	8	31	23.9	33.1	16.4		48.0	1.1	12.0	6.3
2006	9	1	24.2	31.6	18.7		46.0	1.3	10.7	6.6
2006	9	2	21.4	27.0	15.7		42.0	1.4	9.3	6.7
2006	9	3	20.5	26.7	15.1		46.0	0.8	10.8	6.5
2006	9	4	20.9	29.2	12.8		47.0	0.9	10.1	6.6
2006	9	5	22.5	29.9	16.2		45.0	0.9	9.1	6.6
2006	9	6	21.2	29.4	14.9		47.0	1.0	10.8	6.5
2006	9	7	22.0	31.4	14.2		48.0	0.9	10.8	5.5
2006	9	8	22.9	32.4	15.5		48.0	0.8	11.0	5.7
2006	9	9	23.1	32.9	14.8		48.0	0.9	10.8	5.8
2006	9	10	23.2	31.2	15		46.0	1.5	10.8	6.5
2006	9	11	22.0	29.8	14.6		47.0	0.9	10.8	6.2
2006	9	12	21.3	30.5	14		53.0	0.6	10.6	6.1
2006	9	13	22.1	31.4	14.7		52.0	1.3	10.9	6.0
2006	9	14	21.3	28.7	13.6		53.0	1.3	10.3	5.0
2006	9	15	21.6	26.7	17.5		63.0	0.9	7.1	4.5
2006	9	16	21.5	29.2	14.6		58.0	0.6	10.4	5.1
2006	9	17	22.9	32.4	14.6		51.0	1.4	10.4	5.7
2006	9	18	20.0	26.5	15.3		54.0	1.5	3.7	5.8

Year	Month	Day	T(av) [°C]	Tmax [°C]	Tmin [°C]	Rainfall [mm]	RH(av) [%]	W/Speed [m/s]	Sun Hours [h]	Evaporation from GGI 3000 (mm/day)
2006	9	19	14.7	17.1	13.3	0	75.0	0.6	0.0	4.2
2006	9	20	15.7	22.8	9.5		72.0	0.3	9.9	3.2
2006	9	21	16.9	24.3	11.1		66.0	0.9	9.9	3.6
2006	9	22	17.6	26.3	10.9		65.0	0.6	10.5	4.1
2006	9	23	18.7	28.5	10.5		60.0	1.0	10.2	4.3
2006	9	24	19.8	29.6	12.1		54.0	1.0	9.5	4.6
2006	9	25	19.6	27.5	13.3		57.0	1.1	9.8	4.4
2006	9	26	19.5	28.4	12.7		55.0	1.0	9.6	4.8
2006	9	27	19.7	29.3	11.7		55.0	0.9	9.7	4.5
2006	9	28	21.1	30.3	13.1		49.0	1	9.2	4.3
2006	9	29	19.9	24.0	17.3	0.1	63.0	0.6	0.5	3.4
2006	9	30	19.1	25.9	14.9	0.7	72.0	1.0	8.3	3.3
2006	10	1	18.3	26.0	12.1		67.0	0.9	5.5	4.0
2006	10	2	19.4	28.6	12.9		63.0	0.9	9.5	4.1
2006	10	3	20.4	30.1	12.7		57.0	0.6	9.5	3.9
2006	10	4	20.9	26.4	17.4	0	60.0	1.3	5.7	3.5
2006	10	5	16.8	20.7	12.7	0.7	77.0	0.9	2.9	2.4
2006	10	6	17.4	24.2	12.4	0	75.0	0.6	9.6	3.3
2006	10	7	17.9	27.0	11.6		72.0	0.8	9.7	2.9
2006	10	8	18.4	27.5	11.5		65.0	1.0	9.8	3.1
2006	10	9	18.7	29.5	11.1		65.0	0.6	9.9	3.2
2006	10	10	19.7	29.5	13.3		57.0	1.0	9.0	3.1
2006	10	11	19.8	29.7	12.3		57.0	1.0	8.9	3.2
2006	10	12	18.6	27.1	11.9		62.0	0.8	8.9	2.9
2006	10	13	18.9	28.0	11.9		61.0	0.5	7.7	3.2
2006	10	14	16.7	21.4	14.1	8.3	76.0	1.1	0.0	2.0
2006	10	15	14.8	18.4	12.9	3.3	87.0	1.0	2.7	1.1
2006	10	16	16.2	23.0	11.9	0	80.0	0.8	8.6	1.6
2006	10	17	16.1	23.1	12	0	79.0	0.5	1.8	2.6
2006	10	18	15.7	19.6	13.5	1.9	84.0	1.1	3.8	1.2
2006	10	19	16.4	23.5	11		79.0	0.6	8.8	1.3
2006	10	20	16.5	22.9	11.9	0	74.0	1.4	7.4	1.7
2006	10	21	15.0	19.5	11.7		69.0	1.1	8.4	2.9
2006	10	22	13.8	21.9	7.6		75.0	0.9	6.5	2.1
2006	10	23	14.6	21.3	9.5		75.0	0.8	3.1	2.2
2006	10	24	16.6	22.4	12.9	0	69.0	0.8	5.6	1.6
2006	10	25	15.9	21.8	11.5	1.9	77.0	0.8	7.2	2.0
2006	10	26	14.8	22.4	9.6		75.0	0.8	8.4	2.5
2006	10	27	15.6	22.8	9.1		71.0	0.4	8.4	2.5
2006	10	28	14.5	20.4	11		74.0	1.0	3.9	2.0
2006	10	29	15.0	20.9	10.7	0	75.0	1.1	7.1	2.2
2006	10	30	15.5	20.3	13.1	2.4	81.0	0.5	6.5	2.2
2006	10	31	15.4	23.0	10.2		77.0	0.9	8.2	1.9
2006	11	1	15.7	23.5	9.6		73.0	0.9	7.5	2.6
2006	11	2	15.8	23.0	10.6		74.0	0.6	7.7	2.2
2006	11	3	15.4	23.0	9.6		74.0	0.4	6.3	1.5
2006	11	4	16.2	24.8	9.4		68.0	0.9	7.8	2.0
2006	11	5	16.5	25.3	8.9		67.0	0.9	7.5	2.5
2006	11	6	16.9	25.1	10.7	0	68.0	0.8	7.4	2.2
2006	11	7	15.9	24.6	11.1		69.0	0.4	5.7	2.9
2006	11	8	15.1	22.9	8.9		71.0	0.8	2.5	2.1
2006	11	9	13.8	21.6	9.7	0	69.0	2.6	1.1	2.8
2006	11	10	11.3	13.5	9.2		58.0	2.0	3.8	2.8
2006	11	11	10.1	15.0	6.8		73.0	0.8	6.6	2.0
2006	11	12	9.2	16.7	4.6		76.0	0.9	7.7	2.0
2006	11	13	9.6	16.2	5.4		77.0	0.6	5.8	1.7
2006	11	14	9.9	16.9	5.3		76.0	0.9	7.3	1.8
2006	11	15	10.3	15.4	7		77.0	0.3	1.4	1.6
2006	11	16	9.5	15.2	4		77.0	0.5	3.6	0.9
2006	11	17	10.1	16.3	6.9	1.6	77.0	1.4	5.6	1.7
2006	11	18	8.8	16.1	3.1	0	82.0	0.9	7.9	1.7
2006	11	19	9.1	16.9	3.6		73.0	0.5	8.1	1.3
2006	11	20	8.9	10.6	6.5	1.7	82.0	1.4	2.2	1.1
2006	11	21	4.7	8.5	2.1	2.6	78.0	1.8	0.3	0.9
2006	11	22	2.2	6.3	-0.6		69.0	1.0	5.5	1.4
2006	11	23	0.0	4.9	-3.4		77.0	0.8	5.7	

Meteorstation: Fergana

Country : Republic of Uzbekistan

Приложение 4

Altitude (m)		Coordinates (° ')	
582		North	East
		40°23'	71°45'
Latitude	[десятич. градусы]	40.38	
Height of W/Speerd measurement above ground	Latitude	a ₁	b ₁
Atmospheric pressure (7) P	φ		
m	[kPa]	[Radians]	p.50
2	94.607	0.705	0.50

Year	Month	Day	T _{max}	T _{min}	RH(av)	W/Speed	Sun Hours	ETo	T _{mean}	Δ	γ	e ^o (Tmin)	e ^o (Tmax)	e _s	e _a	(e _s - e _a)	J#day	δ	ω s ^d	R _s	N	R _h	R _{so}	R _{mo}	R _{ml}	R _{na}	u2		
			°C	°C	[%]	[m s ⁻¹]	[h]	mm day ⁻¹	°C	kPa°C ⁻¹	kPa°C ⁻¹	kPa	kPa	kPa	kPa	kPa	kPa	day	rad	rad	rad	MJ m ⁻² day ⁻¹	hours	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻²	m s ⁻¹
			measurements from Meteorstation																	equations (FAO56)									
			(6)	(9)	(13)	(8)	(11)	(11)	(12)	(p.67)	(24)	(25)	(21)	(34)	(35)	(37)	(38)	(39)	(40)	(47)									
2005	1	1	2.6	-0.1	89	0.8	0	0.40	1.3	0.048	0.0629	0.606	0.737	0.671	0.598	0.074	1	-0.4010	1.202	1.0330	13.60	9.18	3.399	10.356	2.617	0.600	2.017	0.800	
2005	1	2	4.1	1.4	88	0.4	0	0.41	2.8	0.053	0.0629	0.676	0.819	0.747	0.658	0.090	2	-0.3996	1.203	1.0330	13.65	9.19	3.413	10.398	2.628	0.599	2.029	0.400	
2005	1	3	5.7	1.6	79	1	3.5	0.54	3.7	0.056	0.0629	0.686	0.916	0.801	0.633	0.168	3	-0.3980	1.205	1.0330	13.71	9.21	6.035	10.444	4.647	2.831	1.815	1.000	
2005	1	4	7.9	1.5	82	0.5	2.1	0.48	4.7	0.060	0.0629	0.681	1.065	0.873	0.716	0.157	4	-0.3963	1.207	1.0329	13.78	9.22	5.013	10.493	3.860	1.911	1.949	0.500	
2005	1	5	7.6	1.2	86	0.6	0	0.48	4.4	0.059	0.0629	0.666	1.044	0.855	0.735	0.120	5	-0.3945	1.209	1.0329	13.85	9.23	3.462	10.546	2.665	0.596	2.069	0.600	
2005	1	6	9.3	1.6	87	0.8	6.7	0.48	5.5	0.063	0.0629	0.686	1.172	0.929	0.808	0.121	6	-0.3926	1.211	1.0328	13.92	9.25	8.521	10.602	6.561	4.656	1.905	0.800	
2005	1	7	6.6	-0.5	87	0.8	0.3	0.47	3.1	0.054	0.0629	0.589	0.975	0.782	0.680	0.102	7	-0.3906	1.213	1.0328	14.00	9.27	3.726	10.661	2.869	0.781	2.088	0.800	
2005	1	8	7.8	4.1	85	0.9	2.7	0.54	6.0	0.065	0.0629	0.819	1.058	0.939	0.798	0.141	8	-0.3884	1.215	1.0327	14.08	9.28	5.567	10.724	4.287	2.245	2.042	0.900	
2005	1	9	5.6	3.7	88	0.8	0	0.49	4.7	0.060	0.0629	0.796	0.910	0.853	0.751	0.102	9	-0.3862	1.218	1.0326	14.17	9.30	3.542	10.790	2.727	0.595	2.132	0.800	
2005	1	10	8.2	2.8	80	1.3	4.1	0.65	5.5	0.063	0.0629	0.747	1.087	0.917	0.734	0.183	10	-0.3838	1.220	1.0325	14.26	9.32	6.700	10.859	5.159	3.144	2.015	1.300	
2005	1	11	8	-1.7	77	0.9	6.5	0.57	3.2	0.054	0.0629	0.539	1.073	0.806	0.621	0.185	11	-0.3813	1.223	1.0324	14.35	9.34	8.581	10.932	6.608	4.668	1.940	0.900	
2005	1	12	9.9	-0.7	76	1	5.5	0.65	4.6	0.059	0.0629	0.580	1.220	0.900	0.684	0.216	12	-0.3787	1.226	1.0323	14.45	9.36	7.858	11.008	6.607	4.025	2.026	1.000	
2005	1	13	4.7	-0.1	83	0.5	0	0.47	2.3	0.051	0.0629	0.606	0.854	0.730	0.606	0.124	13	-0.3760	1.228	1.0322	14.56	9.38	3.639	11.087	2.802	0.608	2.195	0.500	
2005	1	14	5	1.7	85	0.5	0	0.48	3.4	0.055	0.0629	0.691	0.872	0.781	0.664	0.117	14	-0.3732	1.231	1.0320	14.66	9.41	3.666	11.169	2.823	0.603	2.220	0.500	
2005	1	15	5.5	-0.9	84	0.8	1	0.50	2.3	0.051	0.0629	0.572	0.903	0.738	0.620	0.118	15	-0.3702	1.234	1.0319	14.78	9.43	4.478	11.255	3.448	1.215	2.233	0.800	
2005	1	16	2.9	0.1	86	1	0	0.49	1.5	0.049	0.0629	0.615	0.752	0.684	0.588	0.096	16	-0.3672	1.238	1.0318	14.89	9.45	4.724	11.344	2.867	0.605	2.263	1.000	
2005	1	17	2.1	-0.7	84	1.3	0.4	0.52	0.7	0.046	0.0629	0.580	0.711	0.646	0.542	0.103	17	-0.3640	1.241	1.0316	15.01	9.48	4.071	11.436	3.134	0.853	2.281	1.300	
2005	1	18	0.8	-4	87	0.8	2.7	0.42	-1.6	0.040	0.0629	0.454	0.647	0.551	0.479	0.072	18	-0.3607	1.244	1.0314	15.14	9.50	5.935	11.531	4.400	2.236	2.334	0.800	
2005	1	19	4.1	-5.8	74	0.8	7.2	0.54	-0.9	0.042	0.0629	0.396	0.819	0.608	0.450	0.158	19	-0.3574	1.248	1.0313	15.27	9.53	9.585	11.630	7.380	5.070	2.310	0.800	
2005	1	20	4	-5.1	78	0.6	4.5	0.50	-0.6	0.043	0.0629	0.418	0.616	0.616	0.480	0.135	20	-0.3539	1.251	1.0311	15.40	9.56	7.476	11.731	7.577	3.364	2.393	0.600	
2005	1	21	4.5	-0.5	81	0.9	0	0.56	2.0	0.050	0.0629	0.589	0.842	0.716	0.580	0.136	21	-0.3503	1.255	1.0309	15.54	9.59	3.885	11.836	2.991	0.611	2.380	0.900	
2005	1	22	6.3	0.7	80	1	2.4	0.63	3.5	0.055	0.0629	0.643	0.955	0.799	0.639	0.160	22	-0.3466	1.259	1.0307	15.68	9.61	5.878	11.944	4.526	2.061	2.465	1.000	
2005	1	23	6.2	-0.7	77	0.9	5.3	0.65	2.8	0.053	0.0629	0.580	0.948	0.764	0.588	0.176	23	-0.3428	1.262	1.0304	15.83	9.64	8.306	12.055	6.396	3.838	2.557	0.900	
2005	1	24	5.6	-0.1	76	0.8	0	0.62	2.8	0.053	0.0629	0.606	0.910	0.758	0.576	0.182	24	-0.3390	1.266	1.0302	15.98	9.67	3.994	12.168	3.075	0.619	2.457	0.800	
2005	1	25	6.5	-2.9	77	0.4	2.9	0.55	1.8	0.050	0.0629	0.493	0.968	0.731	0.563	0.168	25	-0.3350	1.270	1.0300	16.13	9.70	6.443	12.285	4.961	2.362	2.599	0.400	
2005	1	26	6.8	-0.9	83	1	0	0.60	3.0	0.054	0.0629	0.572	0.988	0.780	0.647	0.133	26	-0.3309	1.274	1.0297	16.29	9.74	4.574	12.405	3.222	0.958	2.563	1.000	
2005	1	27	3.5	-0.4	85	1	0	0.54	1.6	0.049	0.0629	0.593	0.785	0.689	0.586	0.103	27	-0.3267	1.278	1.0295	16.45	9.77	4.112	12.527	3.166	0.606	2.561	1.000	
2005	1	28	0.4	-1.5	81	1	0	0.54	-0.6	0.043	0.0629	0.547	0.629	0.588	0.476	0.112	28	-0.3224	1.283	1.0292	16.61	9.80	4.153	12.653	3.198	0.614	2.584	1.000	
2005	1	29	0.7	-3.7	85	0.6	0	0.46	-1.5	0.040	0.0629	0.465	0.643	0.554	0.471	0.083	29	-0.3180	1.287	1.0290	16.78	9.83	4.195	12.781	3.230	0.607	2.623	0.600	
2005	1	30	2.5	-2.1	87	1	3	0.54	0.2	0.045	0.0629	0.524	0.731	0.627	0.546	0.082	30	-0.3136	1.291	1.0287	16.95	9.87	6.816	12.912	5.248	2.350	2.899	1.000	
2005	1	31	0.4	-3.7	87	0.5	0	0.45	-1.7	0.040	0.0629	0.465	0.629	0.547	0.476	0.071	31	-0.3090	1.296	1.0284	17.13	9.90	4.282	13.046	3.297	0.604	2.693	0.500	
2005	2	1	3.9	-2.5	81	0.9	3.5	0.63	0.7	0.046	0.0629	0.508	0.808	0.658	0.533	0.125	32	-0.3043	1.300	1.0281	17.31	9.93	4.376	13.183	3.222	0.661	3.019	0.900	
2005	2	2	2.9	-0.1	85	0.8	0	0.56	1.4	0.049	0.0629	0.606	0.752	0.679	0.577	0.102	33	-0.2996	1.305	1.0278	17.49	9.97	4.373	13.322	3.367	0.606	2.761	0.800	
2005	2	3	4.6	1.1	92	0.8	0	0.53	2.9	0.053	0.0629	0.661	0.848	0.755	0.694	0.060	34	-0.2947	1.310	1.0275	17.68	10.01	4.419	13.464	3.403	0.592	2.811	0.800	
2005	2	4	2.5	-0.7	96	0.8	0	0.46	0.9	0.047	0.0629	0.580	0.731	0.656	0.630	0.026	35	-0.2898	1.314	1.0272	17.87	10.04	4.467	13.608	3.439	0.590	2.850	0.800	
2005	2	5	0.8	-2.2	89	0.9	0	0.50	-0.7	0.042	0.0629	0.520	0.647	0.583	0.519	0.064	36	-0.2848	1.319	1.0269	18.06	10.08	4.515	13.755	3.477	0.612	2.875	0.900	
2005	2	6	0.9	-1.3	81	0.9	0	0.58	-0.2	0.044	0.0629	0.555	0.652	0.604	0.489	0.115	37	-0.2797	1.324	1.0265	18.26	10.11	4.564	13.905	3.514	0.604	2.901	0.900	
2005	2	7	1	-1	85	0.6	0	0.54	0.0	0.044	0.0629	0.568	0.657	0.612	0.520	0.092	38	-0.2745	1.329	1.0262	18.46	10.15	4.614	14.057	3.553	0.608	2.945	0.600	
2005	2	8	3.4	-0.4	82	0.6	0	0.73	1.5	0.049	0.0629	0.593	0.780	0.686	0.426	0.261	39	-0.2693	1.334	1.0258	18.66	10.19	4.665	14.211	3.592	0.646	2.945	0.600	
2005	2	9	4.6	-2.9	74	0.5	3.8	0.71	0.9	0.047	0.0629	0.493	0.848	0.671	0.496	0.174	40	-0.2639	1.339	1.0255	18.86	10.23	8.220	14.367	6.329	2.821	3.509	0.500	
2005	2	10	6.4	-2.1	81	0.8	4	0.76	2.2	0.051	0.0629	0.524	0.961	0.742	0.601	0.141	41	-0.2585	1.344	1.0251	19.07								

Year	Month	Day	T _{max}	T _{min}	RH(av)	W/Speed	Sun Hours	E To	Tmean	Δ	γ	e ^o (Tmin)	e ^o (Tmax)	e _s	e _a	(e _s - e _a)	J #day	δ	Ω	s ^d	R _e	N	R _h	R _{so}	R _{ms}	R _{in}	R _o	u2	
			°C	°C	[%]	[m s ⁻¹]	[h]	mm day ⁻¹	°C	kPa°C ⁻¹	kPa°C ⁻¹	kPa	kPa	kPa	kPa	kPa	kPa	day	rad	rad	rad	MJ m ⁻² day ⁻¹	hours	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	m s ⁻¹
			measurements from Metecostation								e q u a t i o n s (FAO56)																		
								(6)	(9)	(13)	(8)	(11)	(11)	(12)	(p.67)	(24)				(25)	(23)	(21)	(34)	(35)	(37)	(38)	(39)	(40)	(47)
2005	3	2	18.2	3.5	57	1.4	10	2.28	10.9	0.086	0.0629	0.785	2.090	1.438	0.819	0.618	61	-0.1364	1.454	1.0164	23.74	11.11	16.625	18.084	12.801	6.087	6.714	1.400	
2005	3	3	18.8	4.4	52	1.1	6.1	2.07	11.6	0.090	0.0629	0.836	2.170	1.503	0.782	0.722	62	-0.1297	1.460	1.0159	23.99	11.15	12.562	18.275	9.673	4.044	5.628	1.100	
2005	3	4	19.4	6	50	1	7.4	2.19	12.7	0.096	0.0629	0.935	2.253	1.594	0.797	0.797	63	-0.1230	1.465	1.0154	24.25	11.20	14.076	18.468	10.838	4.795	6.043	1.000	
2005	3	5	20.7	7	52	1	8.2	2.32	13.9	0.103	0.0629	1.002	2.442	1.722	0.895	0.826	64	-0.1163	1.471	1.0149	24.50	11.24	15.063	18.661	11.598	5.125	6.474	1.000	
2005	3	6	22.5	6.4	56	1.3	10	2.67	14.5	0.106	0.0629	0.961	2.726	1.843	0.812	0.811	65	-0.1095	1.477	1.0144	24.76	11.28	17.158	18.855	13.212	5.856	7.356	1.300	
2005	3	7	19.3	8.7	59	0.9	4.5	1.95	14.0	0.104	0.0629	1.125	2.239	1.682	0.992	0.690	66	-0.1027	1.483	1.0139	25.01	11.33	11.220	19.049	8.639	2.982	5.657	0.900	
2005	3	8	19.1	8	67	0.8	4.9	1.84	13.6	0.101	0.0629	1.073	2.211	1.642	1.100	0.542	67	-0.0959	1.489	1.0134	25.27	11.37	11.759	19.244	9.059	3.046	6.009	0.800	
2005	3	9	19.1	8.5	71	0.9	7.2	2.05	13.8	0.103	0.0629	1.110	2.211	1.660	1.179	0.482	68	-0.0890	1.495	1.0129	25.52	11.42	14.427	19.440	11.109	4.083	7.026	0.900	
2005	3	10	20.9	8.8	65	1.6	5.3	2.33	14.9	0.109	0.0629	1.133	2.472	1.802	1.171	0.631	69	-0.0821	1.501	1.0123	25.78	11.46	12.404	19.636	9.551	3.206	6.346	1.600	
2005	3	11	19.7	8.3	61	1	3	1.93	14.0	0.104	0.0629	1.095	2.295	1.695	1.034	0.661	70	-0.0752	1.507	1.0118	26.04	11.51	9.903	19.832	7.625	2.141	5.484	1.000	
2005	3	12	19.6	10.3	66	1.1	2.7	1.92	15.0	0.109	0.0629	1.253	2.281	1.767	1.166	0.601	71	-0.0683	1.513	1.0113	26.30	11.56	9.646	20.028	7.427	1.918	5.510	1.100	
2005	3	13	15.6	11.2	84	1.1	0.1	1.30	13.4	0.100	0.0629	1.330	1.772	1.551	1.303	0.248	72	-0.0614	1.519	1.0107	26.55	11.60	6.753	20.224	5.200	0.600	4.599	1.100	
2005	3	14	16.2	12.4	89	0.9	0	1.23	14.3	0.106	0.0629	1.440	1.842	1.641	1.460	0.180	73	-0.0544	1.524	1.0102	26.81	11.65	6.703	20.421	5.161	0.533	4.629	0.900	
2005	3	15	18.5	12.2	84	1.5	5.5	1.99	15.4	0.112	0.0629	1.421	2.130	1.775	1.491	0.284	74	-0.0474	1.530	1.0097	27.07	11.69	13.134	20.617	6.113	2.931	7.183	1.500	
2005	3	16	16.4	10.6	70	2.1	1.5	1.98	15.5	0.101	0.0629	1.278	1.865	1.572	1.100	0.472	75	-0.0404	1.536	1.0091	27.33	11.74	8.578	20.813	6.005	1.321	5.284	2.100	
2005	3	17	14.3	9.5	77	1	1.9	1.54	11.9	0.092	0.0629	1.187	1.630	1.409	1.085	0.324	76	-0.0334	1.542	1.0086	27.58	11.78	9.120	21.010	7.023	1.485	5.538	1.000	
2005	3	18	13.2	8.1	84	0.9	0.2	1.24	10.7	0.085	0.0629	1.080	1.517	1.299	1.091	0.208	77	-0.0264	1.548	1.0080	27.84	11.83	7.196	21.206	5.541	0.667	4.874	0.900	
2005	3	19	11.9	7.3	82	0.9	0.8	1.29	9.6	0.080	0.0629	1.023	1.393	1.208	0.991	0.217	78	-0.0193	1.554	1.0075	28.10	11.87	7.971	21.401	6.138	0.962	5.176	0.900	
2005	3	20	17.7	4.4	75	1.1	10.8	2.45	11.1	0.088	0.0629	0.836	2.025	1.431	1.073	0.358	79	-0.0123	1.560	1.0069	28.36	11.92	10.934	21.596	15.349	5.607	9.742	1.100	
2005	3	21	20.2	9	68	0.9	8	2.50	14.6	0.107	0.0629	1.148	2.367	1.758	1.195	0.562	80	-0.0053	1.566	1.0064	28.61	11.97	16.717	21.791	12.872	4.319	8.553	0.900	
2005	3	22	20.8	7.8	58	1	11.2	2.99	14.3	0.106	0.0629	1.058	2.457	1.757	1.019	0.738	81	0.0018	1.572	1.0058	28.87	12.01	20.674	21.985	15.919	6.134	9.785	1.000	
2005	3	23	21.6	9.5	60	1.5	11.2	3.29	15.6	0.113	0.0629	1.187	2.580	1.884	1.130	0.754	82	0.0088	1.578	1.0052	29.12	12.06	20.805	22.179	16.020	5.983	10.037	1.500	
2005	3	24	21.8	9.3	60	1.4	9.3	3.09	15.6	0.113	0.0629	1.172	2.612	1.892	1.135	0.757	83	0.0159	1.584	1.0047	29.37	12.10	18.629	22.372	14.344	5.047	9.297	1.400	
2005	3	25	20	9.8	64	3.1	3.6	2.90	14.9	0.109	0.0629	1.212	2.338	1.775	1.136	0.639	84	0.0229	1.590	1.0041	29.63	12.15	11.796	22.565	9.083	2.296	6.787	3.101	
2005	3	26	13.3	7.7	51	3.3	3.1	2.92	10.5	0.085	0.0629	1.051	1.527	1.289	0.658	0.632	85	0.0299	1.596	1.0035	29.88	12.19	11.267	22.756	8.676	2.291	6.385	3.301	
2005	3	27	7.9	2.1	67	2.3	0	1.54	5.0	0.061	0.0629	0.711	1.065	0.888	0.595	0.293	86	0.0369	1.602	1.0030	30.13	12.24	7.532	22.947	5.800	0.635	5.165	2.301	
2005	3	28	11.4	0.8	70	1.1	8.7	2.08	6.1	0.065	0.0629	0.647	1.348	0.998	0.698	0.299	87	0.0439	1.608	1.0024	30.38	12.29	18.350	23.137	14.129	4.803	9.327	1.100	
2005	3	29	15.9	0.9	66	0.8	10.5	2.47	8.4	0.075	0.0629	0.652	1.807	1.229	0.811	0.418	88	0.0509	1.614	1.0018	30.63	12.33	20.695	23.325	15.935	5.611	10.324	0.800	
2005	3	30	18.6	2.4	60	1.3	8.8	2.73	10.5	0.085	0.0629	0.726	2.143	1.435	0.861	0.574	89	0.0579	1.620	1.0013	30.87	12.38	18.693	23.513	14.394	4.847	9.546	1.300	
2005	3	31	22.8	5.5	59	1	10.9	3.23	14.2	0.105	0.0629	0.903	2.776	1.839	1.085	0.754	90	0.0649	1.626	1.0007	31.12	12.42	21.431	23.700	16.502	5.679	10.823	1.300	
2005	4	1	24.4	8.5	54	1.3	9.2	3.47	16.5	0.119	0.0629	1.110	3.056	2.083	1.125	0.958	91	0.0718	1.632	1.0001	31.36	12.47	19.411	23.885	14.946	4.957	9.989	1.300	
2005	4	2	25.8	8	53	1	10.6	3.59	16.9	0.122	0.0629	1.073	3.322	2.197	1.165	1.033	92	0.0787	1.638	0.9996	31.60	12.51	21.286	24.069	16.390	5.564	10.826	1.000	
2005	4	3	25.6	11.7	50	1.5	7.5	3.69	18.7	0.134	0.0629	1.375	3.283	2.329	1.164	1.164	93	0.0856	1.644	0.9990	31.84	12.56	17.469	24.252	13.451	4.195	9.256	1.500	
2005	4	4	18.8	9.9	84	1.5	0	1.61	14.4	0.106	0.0629	1.220	2.170	1.695	1.424	0.271	94	0.0925	1.650	0.9984	32.08	12.60	8.020	24.434	6.176	0.540	5.635	1.500	
2005	4	5	10.6	5.7	76	3	0	1.63	8.2	0.074	0.0629	0.916	1.278	1.097	0.834	0.263	95	0.0993	1.656	0.9979	32.32	12.65	8.079	24.614	6.221	0.607	5.614	3.001	
2005	4	6	10.5	2.2	49	3.9	10.2	3.22	6.4	0.066	0.0629	0.716	1.270	0.993	0.486	0.506	96	0.1062	1.662	0.9973	32.55	12.69	21.217	24.793	16.337	5.848	10.489	3.901	
2005	4	7	10.6	2.1	57	1.1	6	2.16	6.4	0.066	0.0629	0.716	1.278	0.994	0.567	0.428	97	0.1129	1.667	0.9967	32.79	12.74	15.918	24.971	12.577	3.589	8.667	1.100	
2005	4	8	11.2	3.7	62	1.4	3.6	2.03	7.5	0.071	0.0629	0.796	1.330	1.063	0.659	0.404	98	0.1197	1.673	0.9962	33.02	12.78	12.903	25.146	9.935	2.361	7.575	1.400	
2005	4	9	12.4	5.9	62	0.9	3.8	2.05	9.2	0.078	0.0629	0.929	1.440	1.184	0.734	0.450	99	0.1264	1.679	0.9956	33.24	12.83	13.235	25.321	10.191	2.439	7.752	0.900	
2005	4	10	14.4	6	61	0.9	6	2.39	10.2	0.083	0.0629	0.935	1.641	1.288	0.786	0.502	100	0.1331	1.685	0.9950	33.47	12.87	16.169	25.493	12.450	3.460	8.991	0.900	
2005	4	11	17.9	4.1	61	1.1	11	3.14	11.0	0.087	0.0629	0.819	2.051	1.435	0.875	0.560	101	0.1397	1.691	0.9945	33.70	12.92	22.773	25.664	17.535	5.686	11.849	1.100	
2005	4	12	20.2	6.8	59	1.1	7	2.94	13.5	0.101	0.0629	0.988	2.367	1.678	0.990	0.688	102	0.1463	1.696										

Year	Month	Day	T _{max}	T _{min}	RH(av)	W/Speed	Sun Hours	E To	Tmean	Δ	γ	e°(Tmin)	e°(Tmax)	e _s	e _a	(e _s - e _a)	J #day	δ	Ω	s _d	R _e	N	R _e	R _{so}	R _{ms}	R _{in}	R _u	u2	
			°C	°C	[%]	[m s ⁻¹]	[h]	mm day ⁻¹	°C	kPa°C ⁻¹	kPa°C ⁻¹	kPa	kPa	kPa	kPa	kPa	kPa	day	rad	rad	rad	MJ m ⁻² day ⁻¹	hours	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻²	m s ⁻¹
			measurements from Metecostation								e q u a t i o n s (FAO56)																		
(6)	(9)	(13)	(8)	(11)	(11)	(12)	(p.67)	(24)				(25)	(23)	(21)	(34)	(35)	(37)	(38)	(39)	(40)	(47)								
2005	5	20	21.2	8.3	67	1	7.4	3.42	14.8	0.108	0.0629	1.095	2.518	1.806	1.210	0.596	140	0.3485	1.885	0.9754	40.25	14.40	20.407	30.659	15.713	3.447	12.266	1.000	
2005	5	21	23.7	11.7	62	1.3	10.8	4.44	17.7	0.128	0.0629	1.375	2.931	2.153	1.335	0.818	141	0.3521	1.889	0.9751	40.36	14.43	25.195	30.739	19.400	4.744	14.656	1.300	
2005	5	22	27	11	60	1	12.3	4.86	19.0	0.137	0.0629	1.313	3.565	2.439	1.463	0.976	142	0.3557	1.892	0.9747	40.46	14.46	27.328	30.816	21.043	5.188	15.855	1.000	
2005	5	23	27.1	13.9	50	1.1	8.4	4.48	20.5	0.149	0.0629	1.588	3.586	2.587	1.294	1.294	143	0.3591	1.896	0.9743	40.56	14.48	21.901	30.890	16.864	4.014	12.850	1.100	
2005	5	24	28.1	13.7	49	1.4	10	5.05	20.9	0.152	0.0629	1.568	3.802	2.685	1.316	1.369	144	0.3624	1.899	0.9740	40.65	14.51	24.172	30.961	18.613	4.647	13.965	1.400	
2005	5	25	25.3	14	68	0.9	6.1	3.63	19.7	0.142	0.0629	1.599	3.225	2.412	1.640	0.772	145	0.3656	1.902	0.9736	40.74	14.53	18.735	31.030	14.426	2.700	11.726	0.900	
2005	5	26	27.5	12.6	65	1.3	10	4.62	20.1	0.145	0.0629	1.459	3.671	2.565	1.667	0.898	146	0.3687	1.906	0.9733	40.83	14.56	24.230	31.097	18.657	4.066	14.591	1.300	
2005	5	27	28.5	13.3	57	0.9	11.3	4.92	20.9	0.152	0.0629	1.527	3.891	2.709	1.544	1.165	147	0.3717	1.909	0.9730	40.91	14.58	26.081	31.161	20.082	4.766	15.316	0.900	
2005	5	28	29.4	15.7	48	1.5	9.4	5.24	22.6	0.166	0.0629	1.784	4.099	2.941	1.412	1.530	148	0.3746	1.912	0.9727	40.99	14.60	23.440	31.222	18.049	4.334	13.715	1.500	
2005	5	29	31.6	15.3	47	1.1	12.9	5.79	23.5	0.174	0.0629	1.739	4.648	3.193	1.501	1.693	149	0.3774	1.915	0.9723	41.07	14.63	28.378	31.280	21.851	5.618	16.233	1.100	
2005	5	30	31	17.8	52	1	6.4	4.45	24.4	0.183	0.0629	2.038	4.493	3.265	1.698	1.567	150	0.3800	1.917	0.9720	41.14	14.65	19.274	31.336	14.841	2.918	11.923	1.000	
2005	5	31	32.3	15.7	52	0.9	11.8	5.48	24.0	0.179	0.0629	1.784	4.836	3.310	1.721	1.589	151	0.3826	1.920	0.9717	41.21	14.67	26.880	31.389	20.698	4.840	15.857	0.900	
2005	6	1	33.5	17.7	45	1.4	12.7	6.31	25.6	0.195	0.0629	2.025	5.173	3.599	1.620	1.980	152	0.3850	1.923	0.9714	41.28	14.69	28.166	31.440	21.688	5.455	16.232	1.400	
2005	6	2	34.4	18.7	45	1.4	12.8	6.47	26.6	0.204	0.0629	2.157	5.439	3.798	1.709	2.089	153	0.3873	1.925	0.9712	41.34	14.71	28.327	31.488	21.812	5.391	16.421	1.400	
2005	6	3	35.4	20.5	46	1.4	12.2	6.51	28.0	0.220	0.0629	2.157	5.748	4.080	1.877	2.203	154	0.3895	1.927	0.9709	41.40	14.72	27.502	31.533	21.177	4.961	16.216	1.400	
2005	6	4	31.6	21.8	52	1.4	3.3	4.31	26.7	0.206	0.0629	2.612	4.648	3.630	1.888	1.742	155	0.3916	1.930	0.9706	41.46	14.74	15.005	31.576	11.534	1.709	9.845	1.400	
2005	6	5	31	19.9	56	1	6.3	4.47	25.5	0.193	0.0629	2.324	4.493	3.408	1.909	1.500	156	0.3936	1.932	0.9704	41.51	14.76	19.200	31.616	14.813	2.700	12.114	1.000	
2005	6	6	32.1	18.9	52	1.5	7	5.08	25.5	0.194	0.0629	2.184	4.782	3.483	1.811	1.672	157	0.3954	1.934	0.9701	41.56	14.77	20.237	31.654	15.582	3.043	12.539	1.500	
2005	6	7	32.4	15.9	56	1	12.6	5.73	24.2	0.181	0.0629	1.807	4.863	3.335	1.868	1.467	158	0.3972	1.936	0.9699	41.61	14.79	28.128	31.689	21.658	4.854	16.804	1.000	
2005	6	8	34.5	16.4	53	0.8	12.6	5.82	25.5	0.193	0.0629	1.865	5.469	3.667	1.944	1.724	159	0.3988	1.937	0.9697	41.65	14.80	28.140	31.721	21.668	4.812	16.856	0.800	
2005	6	9	33.7	19.7	46	1.6	8.2	5.71	26.7	0.206	0.0629	2.295	5.231	3.763	1.731	2.032	160	0.4003	1.939	0.9694	41.69	14.81	21.960	31.750	16.910	3.617	13.292	1.600	
2005	6	10	30.8	17.9	62	1.1	8.5	4.83	24.4	0.182	0.0629	2.051	4.442	3.246	2.013	1.234	161	0.4017	1.940	0.9692	41.72	14.82	22.392	31.777	17.242	3.275	13.967	1.100	
2005	6	11	23.7	18.7	75	0.8	0.2	2.48	21.2	0.154	0.0629	2.157	2.931	2.544	1.908	0.636	162	0.4030	1.942	0.9690	41.75	14.83	10.720	31.801	8.254	0.567	7.687	0.800	
2005	6	12	26.2	17.5	77	1.1	3.8	3.32	21.9	0.160	0.0629	2.000	3.401	2.701	2.080	0.621	163	0.4041	1.943	0.9688	41.78	14.84	15.794	31.823	12.161	1.643	10.518	1.100	
2005	6	13	29.9	17.7	68	0.6	8.8	4.56	23.8	0.177	0.0629	2.025	4.219	3.122	2.123	0.999	164	0.4051	1.944	0.9687	41.81	14.85	22.337	31.842	17.585	3.214	14.371	0.600	
2005	6	14	33.3	17.6	57	1	12.6	5.89	25.5	0.193	0.0629	2.013	5.115	3.564	2.031	1.533	165	0.4060	1.945	0.9685	41.83	14.86	28.191	31.858	21.707	4.644	17.063	1.000	
2005	6	15	35.9	19.9	52	1.1	12.8	6.38	27.9	0.219	0.0629	2.324	5.908	4.116	2.140	1.976	166	0.4068	1.946	0.9683	41.85	14.87	31.872	31.872	21.927	4.682	17.246	1.100	
2005	6	16	37.2	21.4	52	1	12.7	6.47	29.3	0.235	0.0629	2.549	6.343	4.446	2.312	2.134	167	0.4075	1.947	0.9682	41.86	14.87	28.340	31.883	21.822	4.452	17.370	1.000	
2005	6	17	37.5	21.9	43	1.1	12.6	6.63	29.7	0.240	0.0629	2.628	6.448	4.538	1.951	2.587	168	0.4080	1.947	0.9680	41.87	14.88	28.201	31.892	21.715	5.047	16.667	1.100	
2005	6	18	37.3	21.7	40	1	12.7	6.53	29.5	0.237	0.0629	2.596	6.378	4.487	1.795	2.692	169	0.4085	1.948	0.9679	41.88	14.88	28.343	31.898	21.824	5.349	16.475	1.000	
2005	6	19	36.9	20.8	40	2.1	9.8	7.04	28.9	0.230	0.0629	2.457	6.241	4.349	1.739	2.609	170	0.4088	1.948	0.9678	41.88	14.88	24.262	31.901	18.821	4.307	14.375	2.100	
2005	6	20	36.5	21.8	43	1.4	11.3	6.56	29.2	0.233	0.0629	2.612	6.106	4.359	1.874	2.485	171	0.4089	1.948	0.9676	41.89	14.88	26.371	31.901	20.306	4.669	15.637	1.400	
2005	6	21	37.4	19.7	47	1.3	12.6	6.70	28.6	0.226	0.0629	2.625	6.413	4.354	2.046	2.308	172	0.4090	1.948	0.9675	41.88	14.88	28.198	31.899	21.713	4.812	16.900	1.300	
2005	6	22	38.8	21.9	46	0.9	12.7	6.56	30.4	0.248	0.0629	2.628	6.917	4.772	2.195	2.577	173	0.4089	1.948	0.9674	41.88	14.88	28.335	31.895	21.818	4.707	17.112	0.900	
2005	6	23	40.6	21	48	0.9	12.4	6.62	30.8	0.253	0.0629	2.487	7.615	5.051	2.424	2.626	174	0.4088	1.948	0.9674	41.87	14.88	27.909	31.887	21.490	4.273	17.217	0.900	
2005	6	24	35.1	23.5	40	3.6	6.9	7.75	29.3	0.235	0.0629	2.896	6.654	4.275	1.710	2.565	175	0.4085	1.948	0.9673	41.85	14.88	20.168	31.877	15.529	3.253	12.276	3.601	
2005	6	25	31.6	21.7	48	1.3	11.5	6.01	26.7	0.205	0.0629	2.596	6.448	3.622	1.739	1.884	176	0.4080	1.947	0.9672	41.84	14.88	26.630	31.865	20.509	4.799	15.707	1.300	
2005	6	26	33.6	18.2	51	0.8	12.2	5.75	25.9	0.198	0.0629	2.090	5.202	3.646	1.859	1.927	177	0.4075	1.947	0.9671	41.82	14.87	27.607	31.850	21.257	4.815	16.442	0.800	
2005	6	27	33.9	21.6	51	1.4	10.9	6.10	27.8	0.217	0.0629	2.580	5.290	3.935	2.007	1.928	178	0.4068	1.946	0.9671	41.79	14.87	25.770	31.832	19.843	4.242	15.602	1.400	
2005	6	28	32.1	19.5	56	0.6	10.2	5.10	25.8	0.197	0.0629	2.267	4.782	3.524	1.974	1.551	179	0.4060	1.945	0.9671	41.77	14.86	24.777	31.811	19.078	3.948	15.310	0.600	
2005	6	29	34	20.8	55	0.6	8.8	4.96	27.4	0.213	0.0629	2.457	5.319	3.888	2.138	1.750	180	0.4051	1.944	0.9670	41.74	14.85	22.799	31.788	17.555	3.356	14.199	0.600	
2005	6																												

Year	Month	Day	T _{max}	T _{min}	RH(av)	W/Speed	Sun Hours	E To	Tmean	Δ	γ	e ^o (Tmin)	e ^o (Tmax)	e _s	e _a	(e _s - e _a)	J #day	δ	Ω	s _d	R _e	N	R _h	R _{so}	R _{ms}	R _{in}	R _o	u2	
			°C	°C	[%]	[m s ⁻¹]	[h]	mm day ⁻¹	°C	kPa°C ⁻¹	kPa°C ⁻¹	kPa	kPa	kPa	kPa	kPa	kPa	day	rad	rad	rad	MJ m ⁻² day ⁻¹	hours	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻²	m s ⁻¹
			measurements from Metecostation								e q u a t i o n s (FAO56)																		
								(6)	(9)	(13)	(8)	(11)	(11)	(12)	(p.67)	(24)				(21)	(34)	(35)	(37)	(38)	(39)	(40)	(47)		
2005	8	7	32.9	21.9	48	1.5	5.7	4.79	27.4	0.213	0.0629	2.628	5.002	3.815	1.831	1.984	219	0.2823	1.820	0.9733	37.95	13.90	17.267	28.906	13.296	2.755	10.541	1.500	
2005	8	8	34	19.8	52	0.9	11.2	5.29	26.9	0.208	0.0629	2.309	5.319	3.814	1.983	1.831	220	0.2771	1.815	0.9736	37.79	13.87	24.709	28.783	19.026	4.608	14.419	0.900	
2005	8	9	36	18.4	57	0.6	11.7	5.24	27.2	0.211	0.0629	2.116	5.941	4.029	2.296	1.732	221	0.2719	1.810	0.9740	37.63	13.83	25.324	28.658	19.499	4.323	15.177	0.600	
2005	8	10	36.8	20.1	47	1.3	8.7	5.40	28.5	0.225	0.0629	2.353	6.207	4.280	2.012	2.268	222	0.2666	1.805	0.9743	37.46	13.79	21.181	28.531	16.309	3.760	12.549	1.300	
2005	8	11	33.7	22.1	54	1.5	6.6	4.83	27.9	0.219	0.0629	2.660	5.231	3.946	2.131	1.815	223	0.2612	1.800	0.9747	37.29	13.75	18.270	28.401	14.068	2.839	11.229	1.500	
2005	8	12	30	19.5	67	0.8	4.3	3.39	24.8	0.186	0.0629	2.267	4.243	3.255	2.181	1.074	224	0.2558	1.795	0.9751	37.12	13.71	15.098	28.269	11.626	1.913	9.713	0.800	
2005	8	13	32.9	17.6	62	0.8	11.2	4.91	25.3	0.191	0.0629	2.013	5.002	3.507	2.175	1.333	225	0.2502	1.790	0.9754	36.94	13.67	24.363	28.135	18.760	4.269	14.490	0.800	
2005	8	14	35.2	17.3	56	0.5	11.4	4.90	26.3	0.201	0.0629	1.975	5.685	3.830	2.145	1.685	226	0.2446	1.785	0.9758	36.76	13.63	24.559	27.999	18.910	4.460	14.450	0.500	
2005	8	15	36	19.3	51	0.9	11.1	5.28	27.7	0.216	0.0629	2.239	5.941	4.090	2.086	2.004	227	0.2390	1.779	0.9762	36.58	13.59	24.079	27.860	18.541	4.539	14.001	0.900	
2005	8	16	32.6	22.3	51	0.9	6.1	4.15	27.5	0.214	0.0629	2.693	4.918	3.806	1.941	1.865	228	0.2332	1.774	0.9766	36.40	13.55	17.289	27.720	13.312	2.860	10.452	0.900	
2005	8	17	32.4	19.7	48	1.3	9.7	5.08	26.1	0.199	0.0629	2.295	4.863	3.579	1.718	1.861	229	0.2274	1.769	0.9770	36.21	13.51	22.047	27.577	16.976	4.497	12.479	1.300	
2005	8	18	33.5	16.6	51	1	11.6	5.10	25.1	0.189	0.0629	1.889	5.173	3.531	1.801	1.730	230	0.2215	1.764	0.9774	36.02	13.47	24.511	27.433	18.873	5.075	13.798	1.000	
2005	8	19	34.3	17.1	52	1	11.6	5.15	25.7	0.196	0.0629	1.950	5.409	3.679	1.913	1.766	231	0.2156	1.758	0.9778	35.83	13.43	24.427	27.286	18.809	4.939	13.870	1.000	
2005	8	20	34.6	17.5	52	0.8	11.4	4.96	26.1	0.199	0.0629	2.000	5.500	3.750	1.950	1.800	232	0.2095	1.753	0.9783	35.63	13.39	24.075	27.137	18.538	4.837	13.701	0.800	
2005	8	21	36.1	17.1	45	1	11.6	5.30	26.6	0.205	0.0629	1.950	5.974	3.962	1.783	2.179	233	0.2035	1.747	0.9786	35.43	13.35	24.254	26.986	18.676	5.263	13.413	1.000	
2005	8	22	29.1	19.3	47	1.5	9.5	4.86	24.2	0.181	0.0629	2.239	4.029	3.134	1.473	1.661	234	0.1973	1.742	0.9791	35.23	13.31	21.385	26.833	16.467	4.741	11.726	1.500	
2005	8	23	28.3	15.7	58	0.9	4.7	3.29	22.0	0.161	0.0629	1.784	3.846	2.815	1.633	1.182	235	0.1911	1.736	0.9796	35.03	13.26	14.963	26.679	11.522	2.448	9.074	0.900	
2005	8	24	24.7	18.3	75	1.5	3	2.82	21.5	0.157	0.0629	2.103	3.112	2.607	1.956	0.652	236	0.1849	1.731	0.9800	34.82	13.22	12.657	26.522	9.746	1.570	8.176	1.500	
2005	8	25	30.5	14.1	72	0.4	9.7	3.88	22.3	0.164	0.0629	1.609	4.366	2.988	2.151	0.837	237	0.1786	1.725	0.9805	34.61	13.18	21.394	26.364	16.473	3.768	12.705	0.400	
2005	8	26	32.3	17.5	56	0.9	6.8	3.89	24.9	0.188	0.0629	2.000	4.836	3.418	1.914	1.504	238	0.1722	1.719	0.9809	34.40	13.13	17.507	26.203	13.480	3.137	10.344	0.900	
2005	8	27	28.2	17.3	35	3.9	2.6	6.05	22.8	0.168	0.0629	1.975	3.824	2.900	1.015	1.885	239	0.1658	1.714	0.9814	34.19	13.09	11.943	26.041	9.196	2.017	7.179	3.901	
2005	8	28	26	11.3	57	1	11.3	4.01	18.7	0.134	0.0629	1.339	3.361	2.350	1.340	1.011	240	0.1593	1.708	0.9819	33.98	13.05	23.207	25.877	17.869	5.466	12.403	1.000	
2005	8	29	27.3	12.5	56	1	9.2	3.82	19.9	0.144	0.0629	1.449	3.629	2.539	1.422	1.117	241	0.1528	1.702	0.9824	33.76	13.00	20.381	25.712	15.694	4.524	11.169	1.000	
2005	8	30	26.9	16.6	50	1.1	11.1	4.32	21.8	0.159	0.0629	1.889	3.544	2.717	1.358	1.358	242	0.1463	1.696	0.9828	33.54	12.96	22.747	25.544	17.516	5.599	11.917	1.100	
2005	8	31	28.9	13.6	58	0.8	11.5	4.13	21.3	0.155	0.0629	1.558	3.983	2.770	1.607	1.163	243	0.1397	1.691	0.9833	33.32	12.92	23.162	25.375	17.834	5.304	12.531	0.800	
2005	9	1	31.4	14.3	58	1	11.4	4.42	22.9	0.169	0.0629	1.630	4.596	3.113	1.806	1.307	244	0.1330	1.685	0.9838	33.09	12.87	22.928	25.205	17.655	5.045	12.609	1.000	
2005	9	2	33.2	15.1	55	0.9	11.5	4.53	24.2	0.181	0.0629	1.716	5.087	3.402	1.871	1.531	245	0.1264	1.679	0.9843	32.87	12.83	22.950	25.033	17.671	5.078	12.593	0.900	
2005	9	3	34.2	16.9	54	0.8	11.3	4.53	25.6	0.194	0.0629	1.925	5.379	3.652	1.972	1.680	246	0.1197	1.673	0.9848	32.64	12.78	22.586	24.859	17.391	4.931	12.460	0.800	
2005	9	4	34.6	18	55	0.9	11.2	4.63	26.3	0.202	0.0629	2.064	5.500	3.782	2.080	1.702	247	0.1129	1.667	0.9853	32.41	12.74	22.350	24.684	17.210	4.772	12.438	0.900	
2005	9	5	35.5	17.3	53	1	11.1	4.72	26.4	0.203	0.0629	1.975	5.780	3.877	2.055	1.822	248	0.1061	1.662	0.9858	32.18	12.69	22.114	24.507	17.027	4.801	12.226	1.000	
2005	9	6	36.8	16.6	52	0.9	11.2	4.72	26.7	0.206	0.0629	1.889	6.207	4.048	2.105	1.943	249	0.0993	1.656	0.9863	31.94	12.65	22.129	24.329	17.039	4.796	12.243	0.900	
2005	9	7	33	17.6	46	1.5	11.1	4.98	25.3	0.192	0.0629	2.013	5.030	3.521	1.620	1.902	250	0.0925	1.650	0.9869	31.71	12.60	21.890	24.150	16.856	5.522	11.333	1.500	
2005	9	8	31.6	17.4	47	0.6	10.6	3.93	24.5	0.184	0.0629	1.987	4.648	3.318	1.559	1.758	251	0.0856	1.644	0.9874	31.47	12.56	21.550	23.970	16.286	5.366	10.919	0.600	
2005	9	9	29.3	16.7	52	1	10.3	4.01	23.0	0.170	0.0629	1.901	4.076	2.988	1.554	1.434	252	0.0787	1.638	0.9879	31.23	12.51	20.663	23.788	15.910	5.149	10.762	1.000	
2005	9	10	28.9	14.3	45	1.1	11	4.12	21.6	0.158	0.0629	1.630	3.983	2.806	1.263	1.543	253	0.0718	1.632	0.9885	30.99	12.47	21.420	23.605	16.494	5.938	10.556	1.100	
2005	9	11	30.2	13.9	54	0.9	11	3.94	22.1	0.162	0.0629	1.588	4.292	2.940	1.588	1.352	254	0.0648	1.626	0.9890	30.75	12.42	21.303	23.421	16.403	5.373	11.031	0.900	
2005	9	12	31.4	14.4	55	0.9	10.8	3.98	22.9	0.169	0.0629	1.641	4.596	3.118	1.715	1.403	255	0.0579	1.620	0.9895	30.51	12.38	20.938	23.246	16.122	5.138	10.984	0.900	
2005	9	13	33.2	14.3	54	0.8	10.9	4.02	23.8	0.177	0.0629	1.630	5.087	3.358	1.814	1.545	256	0.0509	1.614	0.9901	30.26	12.33	20.942	23.050	16.125	5.089	11.036	0.800	
2005	9	14	32.4	16.3	49	0.9	10.8	4.07	24.4	0.182	0.0629	1.853	4.863	3.358	1.646	1.713	257	0.0439	1.608	0.9906	30.02	12.29	20.699	22.863	15.938	5.398	10.540	0.900	
2005	9	15	32.9	14.1	50	1	10.7	4.09	23.5	0.174	0.0629	1.609	5.002	3.306	1.653	1.653	258	0.0369	1.602	0.9912	29.77	12.24	20.456	22.675	15.751	5.306	10.446	1.000	
2005	9	16	32.9	14.5	51	0.8	10.7	3.89	23.7	0.176	0.0629	1.651	5.002	3.327	1.697	1.630	259	0.0299	1.596	0.9917	29.52	12.19	20.334	22.487	15.657	5.257	10.400	0.800	
2005	9																												

Year	Month	Day	T _{max}	T _{min}	RH(av)	W/Speed	Sun Hours	E To	Tmean	Δ	γ	e°(Tmin)	e°(Tmax)	e _s	e _a	(e _s - e _a)	J #day	δ	Ω	d _r	R _c	N	R _u	R _{so}	R _{ns}	R _{ni}	R _u	u2
			°C	°C	[%]	[m s ⁻¹]	[h]	mm day ⁻¹	°C	kPa°C ⁻¹	kPa°C ⁻¹	°(Tmin)	°(Tmax)	kPa	kPa	kPa	kPa	(kPa)	day	rad	rad	rad	MJ m ⁻² day ⁻¹	hours	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹	MJ m ⁻² day ⁻¹
measurements from Metcostation									e q u a t i o n s (FAO56)																			
									(6)	(9)	(13)	(8)	(11)	(11)	(12)	(p.67)	(24)				(21)	(34)	(35)	(37)	(38)	(39)	(40)	(47)
2005	10	25	13.1	7.2	83	0.9	4.3	1.09	10.2	0.083	0.0629	1.016	1.508	1.262	1.047	0.214	298	-0.2303	1.370	1.0134	19.96	10.47	9.091	15.204	7.000	2.843	4.157	0.900
2005	10	26	16.6	3.4	82	0.5	8.5	1.23	10.0	0.082	0.0629	0.780	1.889	1.334	1.094	0.240	299	-0.2361	1.365	1.0139	19.74	10.43	12.985	15.038	9.999	4.993	5.006	0.500
2005	10	27	18	5.1	80	0.8	8.3	1.33	11.6	0.090	0.0629	0.878	2.064	1.471	1.177	0.294	300	-0.2418	1.359	1.0144	19.53	10.39	12.686	14.874	9.769	4.872	4.897	0.800
2005	10	28	19.7	4	78	0.8	8.2	1.36	11.9	0.092	0.0629	0.813	2.295	1.554	1.212	0.342	301	-0.2475	1.354	1.0149	19.32	10.35	12.485	14.713	9.613	4.805	4.808	0.800
2005	10	29	21.2	4.7	75	0.8	8.2	1.43	13.0	0.098	0.0629	0.854	2.518	1.686	1.264	0.421	302	-0.2531	1.349	1.0154	19.11	10.31	12.378	14.553	9.531	4.812	4.719	0.800
2005	10	30	21.9	6.4	73	0.6	7.5	1.38	14.2	0.105	0.0629	0.961	2.628	1.795	1.310	0.485	303	-0.2585	1.344	1.0159	18.90	10.27	11.628	14.395	8.954	4.467	4.487	0.800
2005	10	31	18.3	10.7	66	1.1	5.5	1.50	14.5	0.107	0.0629	1.287	2.103	1.695	1.119	0.576	304	-0.2640	1.339	1.0164	18.70	10.23	9.701	14.240	7.469	3.674	3.795	1.100
2005	11	1	19.5	8.6	66	0.6	5.4	1.26	14.1	0.104	0.0629	1.117	2.267	1.692	1.117	0.575	305	-0.2693	1.334	1.0169	18.49	10.19	9.524	14.086	7.334	3.614	3.720	0.600
2005	11	2	18.7	5.8	72	0.8	7.9	1.29	12.3	0.094	0.0629	0.922	2.157	1.539	1.108	0.431	306	-0.2746	1.329	1.0174	18.30	10.15	11.693	13.935	9.004	4.920	4.083	0.800
2005	11	3	18.5	4.5	71	0.6	7.4	1.17	11.5	0.090	0.0629	0.842	2.130	1.486	1.055	0.431	307	-0.2797	1.324	1.0179	18.10	10.11	11.147	13.787	8.583	4.701	3.883	0.600
2005	11	4	19.3	4.1	69	0.6	7.6	1.19	11.7	0.091	0.0629	0.819	2.239	1.529	1.055	0.474	308	-0.2848	1.319	1.0183	17.91	10.08	11.231	13.640	8.648	4.844	3.803	0.600
2005	11	5	19.2	3	66	1	7.7	1.35	11.1	0.088	0.0629	0.758	2.225	1.491	0.984	0.507	309	-0.2898	1.314	1.0188	17.72	10.04	11.225	13.497	8.643	4.999	3.644	1.000
2005	11	6	18.9	2.8	71	0.9	7.4	1.21	10.9	0.086	0.0629	0.747	2.184	1.465	1.040	0.425	310	-0.2948	1.310	1.0193	17.53	10.00	10.869	13.355	8.669	4.732	3.637	0.900
2005	11	7	14.9	3.6	68	0.9	1.1	1.01	9.3	0.079	0.0629	0.791	1.694	1.243	0.845	0.398	311	-0.2996	1.305	1.0197	17.35	9.97	5.296	13.217	4.078	1.261	2.816	0.900
2005	11	8	16.3	8.5	77	0.9	5.9	1.08	12.4	0.095	0.0629	1.110	1.853	1.482	1.141	0.341	312	-0.3044	1.300	1.0202	17.17	9.93	9.393	13.080	7.233	3.851	3.382	0.900
2005	11	9	16.5	5.2	77	0.8	4	0.96	10.9	0.086	0.0629	0.885	1.877	1.381	1.063	0.318	313	-0.3090	1.296	1.0206	17.00	9.90	7.684	12.947	5.917	2.823	3.094	0.800
2005	11	10	11.7	6.7	84	0.9	0	0.74	9.2	0.078	0.0629	0.981	1.375	1.178	0.990	0.189	314	-0.3136	1.291	1.0211	16.83	9.87	4.207	12.816	3.239	0.583	2.656	0.900
2005	11	11	9.9	7.5	82	0.4	0	0.66	8.7	0.076	0.0629	1.037	1.220	1.128	0.925	0.203	315	-0.3180	1.287	1.0215	16.66	9.83	4.165	12.688	3.207	0.592	2.615	0.400
2005	11	12	12.4	1.4	80	0.5	8	0.77	6.9	0.068	0.0629	0.676	1.440	1.058	0.846	0.212	316	-0.3224	1.283	1.0219	16.49	9.80	10.856	12.562	8.359	5.214	3.145	0.500
2005	11	13	12.1	2.1	79	0.8	5.6	0.79	7.1	0.069	0.0629	0.711	1.412	1.061	0.838	0.223	317	-0.3267	1.278	1.0224	16.33	9.77	8.766	12.440	6.750	3.860	2.890	0.800
2005	11	14	11.4	4.3	82	1.3	1.3	0.79	7.9	0.072	0.0629	0.831	1.348	1.089	0.893	0.196	318	-0.3309	1.274	1.0228	16.18	9.74	5.124	12.320	3.945	1.344	2.601	1.300
2005	11	15	11.3	2.1	88	0.3	3.6	0.61	6.7	0.068	0.0629	0.711	1.339	1.025	0.902	0.123	319	-0.3350	1.270	1.0232	16.02	9.70	6.978	12.203	5.373	2.632	2.741	0.300
2005	11	16	10.4	1.5	84	0.1	3.9	0.56	6.0	0.065	0.0629	0.681	1.261	0.971	0.816	0.155	320	-0.3390	1.266	1.0236	15.87	9.67	7.168	12.089	5.519	2.867	2.653	0.100
2005	11	17	12.9	-0.1	73	0.8	8.1	0.80	6.4	0.066	0.0629	0.606	1.488	1.047	0.764	0.283	321	-0.3429	1.262	1.0240	15.73	9.64	10.537	11.978	8.113	5.475	2.638	0.800
2005	11	18	14.5	-0.8	68	0.9	8.3	0.90	6.9	0.068	0.0629	0.576	1.651	1.114	0.757	0.356	322	-0.3467	1.259	1.0244	15.59	9.61	10.623	11.870	8.180	5.669	2.511	0.900
2005	11	19	15.6	-0.9	67	0.6	8.2	0.80	7.4	0.070	0.0629	0.572	1.772	1.172	0.785	0.387	323	-0.3503	1.255	1.0247	15.45	9.59	10.469	11.765	8.061	5.609	2.452	0.600
2005	11	20	16.3	1	63	0.8	8.1	0.93	8.7	0.076	0.0629	0.657	1.853	1.255	0.791	0.464	324	-0.3539	1.251	1.0251	15.31	9.56	10.317	11.663	7.944	5.651	2.293	0.800
2005	11	21	17.4	1.1	65	0.6	6.7	0.84	9.3	0.079	0.0629	0.661	1.987	1.324	0.861	0.464	325	-0.3574	1.248	1.0255	15.18	9.53	9.132	11.564	7.032	4.716	2.316	0.600
2005	11	22	16.5	4.3	66	0.5	6	0.78	10.4	0.084	0.0629	0.831	1.877	1.354	0.894	0.460	326	-0.3608	1.244	1.0258	15.06	9.50	8.517	11.468	6.558	4.308	2.250	0.500
2005	11	23	17	2.9	67	1	7.1	0.98	10.0	0.082	0.0629	0.752	1.938	1.345	0.901	0.444	327	-0.3640	1.241	1.0262	14.94	9.48	9.327	11.376	7.182	4.956	2.226	1.000
2005	11	24	15.1	3.9	70	1.3	5.5	1.00	9.5	0.080	0.0629	0.808	1.716	1.262	0.883	0.379	328	-0.3672	1.238	1.0265	14.82	9.45	8.015	11.286	6.171	3.980	2.191	1.300
2005	11	25	10.9	6.6	54	1.4	0	1.27	8.8	0.076	0.0629	0.975	1.304	1.139	0.615	0.524	329	-0.3702	1.234	1.0269	14.70	9.43	6.676	11.199	2.831	0.664	2.167	1.400
2005	11	26	9	7	76	0.6	2.1	0.58	4.9	0.060	0.0629	0.643	1.148	0.895	0.680	0.215	330	-0.3732	1.231	1.0272	14.60	9.41	5.278	11.116	4.064	1.916	2.148	0.600
2005	11	27	8.4	-0.9	83	0.8	5.4	0.53	3.8	0.056	0.0629	0.572	1.102	0.837	0.695	0.142	331	-0.3760	1.228	1.0275	14.49	9.38	7.791	11.036	5.999	3.889	2.111	0.800
2005	11	28	7	1	83	0.5	0	0.50	4.0	0.057	0.0629	0.687	1.002	0.829	0.688	0.141	332	-0.3787	1.226	1.0278	14.39	9.36	3.597	10.959	2.770	0.604	2.166	0.500
2005	11	29	6.5	-2.8	86	0.5	4.6	0.42	1.9	0.050	0.0629	0.497	0.968	0.732	0.630	0.103	333	-0.3813	1.223	1.0281	14.29	9.34	7.092	10.886	5.461	3.405	2.056	0.500
2005	11	30	7.5	-3.1	83	0.5	6.3	0.43	2.2	0.051	0.0629	0.486	1.037	0.761	0.632	0.129	334	-0.3838	1.220	1.0284	14.20	9.32	8.349	10.815	4.248	4.472	1.957	0.500
2005	12	1	8.7	-3.3	79	1	6.5	0.55	2.7	0.053	0.0629	0.479	1.125	0.802	0.633	0.168	335	-0.3862	1.218	1.0287	14.11	9.30	8.458	10.748	6.513	4.636	1.877	1.000
2005	12	2	9.6	-3.5	76	0.9	7.1	0.56	3.1	0.054	0.0629	0.472	1.195	0.834	0.633	0.200	336	-0.3884	1.215	1.0290	14.03	9.28	8.871	10.685	6.884	5.045	1.786	0.900
2005	12	3	8.3	-2.7	70	0.5	3.9	0.50	2.8	0.053	0.0629	0.501	1.095	0.798	0.558	0.239	337	-0.3906	1.213	1.0292	13.95	9.27	6.423	10.624	4.945	3.127	1.818	0.500
2005	12	4	9.2	0.2	71	0.6	4.4	0.55	4.7	0.060	0.0629	0.620	1.164	0.892	0.633	0.259	338	-0.3926	1.211	1.0295	13.87	9.25	6.768	10.567	5.212	3.444	1.768	0.600
2005	12	5	9.4	3.9	78	0.3	1.3	0.50	6.7	0.067	0.0629	0.808	1.179	0.994	0.775	0.219	339	-0.3945	1.209	1.0297	13.80	9.2						