

Trial report

Variety testing of

*Lolium perenne, Festuca arundinacea and
Festuca rubra.*

First year harvest

AGRONOVA - Gefion Field Trials



2010

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1. Introduction

This report contains the results of five variety testing trials *Festulolium loliaceum*, *Lolium perenne*, *Festuca arundinacea*, *Dactylis glomerata* and *Festuca rubra*. All yields “per ha” are adjusted to a water content of 13 %.

The location of the trials was near Ringsted, Denmark.

Trial number by Agronova	Species
2009.545.00	<i>Lolium perenne</i>
2009.546.00	<i>Festuca arundinacea</i>
2009.547.00	<i>Dactylis glomerata</i>
2009.548.00	<i>Festuca rubra</i>

The trials have been carried out by the GEP-unit at Agronova, Gefion in 2010 for Barenbrug, Holland.

08 December 2010

Peter Hvid
Agronova –
Gefion Field Trials

2. Trial 2009.545.00 *Lolium perenne* (Ryegrass)

2.1 Varieties

Trt no.	Treatment Name
1	BARMINTON (standard)
2	BARSIGNUM
3	BARILLION
4	BAREURO
5	BARROCKY
6	BARATA (std)
7	BARPASTO
8	BEALEY
9	BARNAUTA(std)

2.2 Site description

Basic information for trial 2009.545.00 *Lolium perenne*

Trial host	Ny Lellinge Gefion		
Soil analysis	Coarse sand: 36 %	Rt: 6,7	
	Silt: 16,4 %	Pt: 2,1	
	Humus: 2,2 %	Kt: 10	
	Fine sand: 35,9 %	Mgt: 4,7	
	Clay: 9,5 %		
Previous crop	Spring barley		
Drilling date	07-04-2009	Seed rate	10 kg/ha
Fertilizer	date type rate	06-04-2010 NS 27-4 600 kg	
Pesticides	09-10-2009: 0,05 DFF +1 Boxer + 1 tbl. Express 05-05-2010: 0,08 Primus + 0,05 DFF + 1,5 Ariane FG 02-06-2010: 0,5 Zenit		

2.3 Results

The trial was harvested on the 3th of August.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

Variety testing of <i>Lolium perenne</i>

Trial ID: 2009.545.00	Protocol ID: 2009.545.00
Location: Ny Lellinge	Study Director: Peter Hvid
	Investigator: Peter Hvid

Crop Code	P	LOLPE	LOLPE	LOLPE
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Lolium perenne	Lolium perenne	Lolium perenne	Lolium perenne
Crop Name	Perennial ryeg>	Perennial ryeg>	Perennial ryeg>	Perennial ryeg>
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Aug-3-2010	Aug-3-2010	Aug-3-2010	Aug-3-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	kg	%	%	kg
Sample Size, Unit	21,85 m2	21,85 m2	21,85 m2	1 ha
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals				1
Trt Treatment				
No. Name	1	2	3	5
1 BARMINTON (standard)	4,415 bcd	20,000	8,60	1698,2 bc
3 BARSIGNUM	3,943 cde	22,220	8,40	1477,6 bcd
4 BARILLION	3,358 e	18,140	7,70	1334,5 de
5 BAREURO	4,105 b-e	26,630	10,70	1414,9 cd
6 BARROCKY	3,485 e	21,050	8,60	1322,9 de
8 BARATA (std)	3,555 e	20,090	8,60	1365,9 d
12 BARPASTO	5,403 a	20,510	10,20	2028,7 a
13 BEALEY	4,755 b	21,330	10,30	1765,1 b
14 BARNAUTA(std)	5,360 a	20,090	11,90	1985,0 a
LSD (P=.05)	0,5207	.	.	195,00
Standard Deviation	0,3644	.	.	136,45
CV	8,7	.	.	8,67
Bartlett's X2	8,965	.	.	8,305
P(Bartlett's X2)	0,776	.	.	0,823
Replicate F	1,945			1,841
Replicate Prob(F)	0,1383			0,1556
Treatment F	17,112			15,079
Treatment Prob(F)	0,0001			0,0001

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

<p>Crop Code LOLPE, BGRM, Lolium perenne, = US</p> <p>Part Rated GRAIN = grain C = Crop is Part Rated</p> <p>Rating Type YIELD = yield MOICON = moisture content</p> <p>Rating Unit kg = kilogram</p>

% = percent

m² = square meter

ha = hectare

Crop Stage Scale

BBCH = BBCH uniform plant stages

ARM Action Codes

T2 = [C4]-([C4]*@MVAVGREP([C3])/100)

Footnote 2: Yield adjusted for water and purity

3. Trial 2009.546.00 *Festuca arundinacea* (Tall Fescue)

3.1 Varieties

Trt No.	Treatment Name
1	BARLEXAS II (std)

3.2 Site description

Basic information for trial 2009.546.00 *Festuca arundinacea*

Trial host	Ny Lellinge Gefion		
Soil analysis	Coarse sand:	36 %	Rt: 6,7
	Silt:	16,4 %	Pt: 2,1
	Humus:	2,2 %	Kt: 10
	Fine sand:	35,9 %	Mgt: 4,7
	Clay:	9,5 %	
Previous crop	Spring barley		
Drilling date	07-04-2009	Seed rate	8 kg/ha
Fertilizer	date type rate	25-09-2009 NS 28-5 240 kg	22-03-2010 NPKS 22-3-10-5 650 kg
Pesticides	09-10-2009: 0,05 DFF + 1 tbl Express + 1 Boxer 05-05-2010: 0,08 Primus +0,05 DFF + 1,5 Ariane FG 17-05-2010: 1,25 Cycocel + 0,4 Moddus M 02-06-2010: 0,5 Zenit		

3.3 Results

To ensure full maturity at harvest all plots were swathed at the 26th of July. The trial was harvested on the 29th of July.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

Variety testing of *Festuca arundinacea*

Trial ID: 2009.546.00 Protocol ID: 2009.546.00
 Location: Ny Lellinge Study Director: Peter Hvid
 Investigator: Peter Hvid

Crop Code	FESAR	FESAR	FESAR	FESAR
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Festuca arundi>	Festuca arundi>	Festuca arundi>	Festuca arundi>
Crop Name	Tall fescue	Tall fescue	Tall fescue	Tall fescue
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Jul-29-2010	Jul-29-2010	Jul-29-2010	Jul-29-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	21,85 M2	1 plot	1 plot	1 plot
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	2	1	2	1
Trt Treatment				
No. Name	1	2	3	5
1 BARLEXAS II (std)	4,52 a	20,0	6,90	1771,0 a
LSD (P=.05)	0,645	.	.	250,94
Standard Deviation	0,428	.	.	166,54
CV	10,75	.	.	11,01
Bartlett's X2	6,98	.	.	7,653
P(Bartlett's X2)	0,222	.	.	0,176
Replicate F	2,254			2,155
Replicate Prob(F)	0,1241			0,1360
Treatment F	1,660			3,992
Treatment Prob(F)	0,2048			0,0167

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Crop Code
 FESAR, BGRM, Festuca arundinacea, = US
Part Rated
 GRAIN = grain
 C = Crop is Part Rated
Rating Type
 YIELD = yield
 MOICON = moisture content
Rating Unit
 KG = kilogram
 % = percent
 kg/ha = kilograms per hectare

 M2 = square meter
 plot = total plot
Crop Stage Scale
 BBCH = BBCH uniform plant stages
ARM Action Codes
 TY1 = 457.6659*[1]*(100-@MVAVGREP([2]))/87
 Footnote 2: Yield adjusted for water and purity

4. Trial 2009.548.00 *Festuca rubra* (Red fescue)

4.1 Varieties

Trt No.	Treatment name
1	BARCROWN II
2	7FR 231 (BARANGEL)

4.2 Site description

Basic information for trial 2009.548.00 *Festuca rubra*

Trial host	Ny Lellinge Gefion		
Soil analysis	Coarse sand: 36 %	Rt: 6,7	
	Silt: 16,4 %	Pt: 2,1	
	Humus: 2,2 %	Kt: 10	
	Fine sand: 35,9 %	Mgt: 4,7	
	Clay: 9,5 %		
Previous crop	Spring barley		
Drilling date	07-04-2009	Seed rate	7 kg/ha
Fertilizer	date type rate	25-09-2009 NS 28-5 255 kg	22-03-2010 NPKS 22-3-10-5 72 kg N
Pesticides	09-10-2009: 0,05 DFF + 1 tbl Express + 1 boxer 18-04-2010: 0,1 Hussar 05-05-2010: 0,08 Primus+ 0,05 DFF +1,5 Ariane FG 17-05-2010: 1,25 Cycocel +0,4 Moddus M 02-06-2010: 0,5 Zenit		

4.3 Results

The trial was harvested on the 21th of August.

In the following table results from harvest, seed analysis and analysis of variance is given. Analysis was done by Student-Newman-Keuls test where different letters indicate statistical significant difference at 95% level.

Variety testing of <i>Festuca rubra</i>				
Trial ID: 2009.548.00		Protocol ID: 2009.548.00		
Location: Ny Lellinge		Study Director: Peter Hvid		
		Investigator: Peter Hvid		
Crop Code	FESRU	FESRU	FESRU	FESRU
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Festuca rubra	Festuca rubra	Festuca rubra	Festuca rubra
Crop Name	Red fescue	Red fescue	Red fescue	Red fescue
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Jul-21-2010	Jul-21-2010	Jul-21-2010	Jul-21-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	21,85 M2	1 plot	1 PLOT	1 PLOT
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	2	1	1	1
Trt Treatment				
No. Name	1	2	3	5
1 BARCROWN II	3,78 b	14,8	15,7	1427,3 b
2 7FR 231 (BARANGEL)	3,27 b	16,6	18,5	1169,2 b
LSD (P=.05)	0,754	.	.	296,55
Standard Deviation	0,472	.	.	185,40
CV	12,28	.	.	12,65
Bartlett's X2	6,024	.	.	6,851
P(Bartlett's X2)	0,11	.	.	0,077
Replicate F	0,978			0,982
Replicate Prob(F)	0,4451			0,4434
Treatment F	11,677			16,523
Treatment Prob(F)	0,0019			0,0005

Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Crop Code
FESRU, BGRM, Festuca rubra, = US

Part Rated
GRAIN = grain
C = Crop is Part Rated

Rating Type
YIELD = yield
MOICON = moisture content

Rating Unit
KG = kilogram
% = percent
kg/ha = kilograms per hectare

M2 = square meter
plot = total plot

Crop Stage Scale
BBCH = BBCH uniform plant stages

ARM Action Codes

TY1 = [C4]-([C4]*@MVAVGREP([C3])/100)

Footnote 2: Yield adjusted for water and purity

5. Trial comments

Weather conditions for production of grass for seed in Denmark, 2009-2010

August and September was dry which affected the growth rate of the grasses. October was mild and wet which favoured the grasses.

The winter was colder than normal. Most precipitation fell as snow which covered the ground from mid December until the 1st of March. The spring came late as the soil was very cold and wet caused by the long winter. As a result, the average temperatures in spring were lower than what we have seen in the later years. Especially May was cold. The flowering condition for the grasses was average in 2010. The harvest of grass seeds was troublesome. The early crops were harvested under good conditions, but later the summer became very wet which made harvest difficult. All together, conditions for grass seed production for harvest in 2010 were acceptable although below optimum.

Lolium perenne (Perennial ryegrass)

Difference between varieties in yield were from (average) 1322,9-2028,7 kg/ha, BARPASTO as the highest yielding. The high yield of BARPASTO was not statistically significant different from BARNAUTA.

Festuca arundinacea (Tall fescue)

Differences between varieties in yield were -1771 kg/ha, BARLEXAS II

Festuca rubra (Red fescue)

Differences between varieties in yield were from (average) 1169-1427,3 kg/ha, with 7FR 231 (BARANGEL) as lowest yielding. The BARCROWN II were not significant different from 7FR 231 (BARANGEL).

Variety testing of *Lolium perenne*

2009.545.00

Protocol ID: 2009.545.00

Trial ID:

Location: Ny Lellinge

Study Director: Peter Hvid

Investigator: Peter Hvid

Crop Code		P	LOLPE	LOLPE	LOLPE	
BBCH Scale		BGRM	BGRM	BGRM	BGRM	
Crop Scientific Name		Lolium perenne	Lolium perenne	Lolium perenne	Lolium perenne	
Crop Name		Perennial ryeg>	Perennial ryeg>	Perennial ryeg>	Perennial ryeg>	
Part Rated		GRAIN C	GRAIN C	GRAIN C	GRAIN C	
Rating Date		Aug-3-2010	Aug-3-2010	Aug-3-2010	Aug-3-2010	
Rating Type		YIELD	MOICON	WEIGHT LOSS	YIELD	
Rating Unit		kg	%	%	kg	
Sample Size, Unit		21,85 m2	21,85 m2	21,85 m2	1 ha	
Crop Stage Majority		91	91	91	91	
Crop Stage Scale		BBCH	BBCH	BBCH	BBCH	
Footnote Number					1	
SE Name		GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	
ARM Action Codes					T2	
Number of Decimals					1	
Trt Treatment						
No	Name	Plot	1	2	3	5
1	BARMINTON (standard)	103	4,350	20,000	8,60	1673,2
		302	4,870			1873,2
		506	4,290			1650,1
		703	4,150			1596,3
	Mean =		4,415	20,000	8,60	1698,2
2	BARSIGNUM	105	3,920	22,220	8,40	1469,2
		306	4,100			1536,7
		505	3,640			1364,3
		801	4,110			1540,4
	Mean =		3,943	22,220	8,40	1477,6
3	BARILLION	204	3,410	18,140	7,70	1355,4
		401	3,460			1375,2
		606	3,720			1478,6
		806	2,840			1128,8
	Mean =		3,358	18,140	7,70	1334,5
4	BAREURO	107	3,910	26,630	10,70	1347,6
		403	3,510			1209,8
		601	4,540			1564,8
		707	4,460			1537,2
	Mean =		4,105	26,630	10,70	1414,9
5	BARROCKY	101	3,500	21,050	8,60	1328,6
		301	3,290			1248,9
		502	3,290			1248,9
		807	3,860			1465,3
	Mean =		3,485	21,050	8,60	1322,9

6 BARATA (std)	205	3,380	20,090	8,60	1298,7
	406	3,240			1244,9
	504	3,760			1444,7
	804	3,840			1475,4
	Mean =	3,555	20,090	8,60	1365,9
7 BARPASTO	206	5,980	20,510	10,20	2245,5
	402	4,650			1746,1
	507	5,240			1967,7
	705	5,740			2155,4
	Mean =	5,403	20,510	10,20	2028,7
8 BEALEY	104	4,350	21,330	10,30	1614,8
	307	4,590			1703,9
	603	5,290			1963,8
	802	4,790			1778,1
	Mean =	4,755	21,330	10,30	1765,1
9 BARNAUTA(std)	207	4,650	20,090	11,90	1722,1
	303	5,850			2166,5
	604	5,280			1955,4
	701	5,660			2096,2
	Mean =	5,360	20,090	11,90	1985,0

Crop Code

LOLPE, BGRM, Lolium perenne, = US

Part Rated

GRAIN = grain

C = Crop is Part Rated

Rating Type

YIELD = yield

MOICON = moisture content

Rating Unit

kg = kilogram

% = percent

m2 = square meter

ha = hectare

Crop Stage Scale

BBCH = BBCH uniform plant stages

ARM Action Codes

T2 = [C4]-([C4]*@MVAVGREP([C3])/100)

Footnote 1: Yield adjusted for water and purity

Variety testing of *Festuca arundinacea*

Trial ID: 2009.546.00 Protocol ID: 2009.546.00
 Location: Ny Lellinge Study Director: Peter Hvid
 Investigator: Peter Hvid

Crop Code	FESAR	FESAR	FESAR	FESAR
BBCH Scale	BGRM	BGRM	BGRM	BGRM
Crop Scientific Name	Festuca arundi>	Festuca arundi>	Festuca arundi>	Festuca arundi>
Crop Name	Tall fescue	Tall fescue	Tall fescue	Tall fescue
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C
Rating Date	Jul-29-2010	Jul-29-2010	Jul-29-2010	Jul-29-2010
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD
Rating Unit	KG	%	%	kg/ha
Sample Size, Unit	21,85 M2	1 plot	1 plot	1 plot
Crop Stage Majority	91	91	91	91
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH
Footnote Number				2
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD
ARM Action Codes				T2
Number of Decimals	2	1	2	1
Trt Treatment				
No				
Name				
Plot	1	2	3	5
1 BARLEXAS II (std)	101	205	303	405
	3,52	5,23	5,01	4,32
		20,0		
			6,90	
				1379,2
				2049,1
				1962,9
				1692,6
Mean =	4,52	20,0	6,90	1771,0

Crop Code
 FESAR, BGRM, Festuca arundinacea, = US

Part Rated

GRAIN = grain
 C = Crop is Part Rated

Rating Type

YIELD = yield
 MOICON = moisture content

Rating Unit

KG = kilogram
 % = percent
 kg/ha = kilograms per hectare

M2 = square meter
 plot = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

Footnote 2: Yield adjusted for water and purity

Variety testing of *Festuca rubra*

Trial ID: 2009.548.00 Protocol ID: 2009.548.00
 Location: Ny Lellinge Study Director: Peter Hvid
 Investigator: Peter Hvid

Crop Code	FESRU	FESRU	FESRU	FESRU	
BBCH Scale	BGRM	BGRM	BGRM	BGRM	
Crop Scientific Name	Festuca rubra	Festuca rubra	Festuca rubra	Festuca rubra	
Crop Name	Red fescue	Red fescue	Red fescue	Red fescue	
Part Rated	GRAIN C	GRAIN C	GRAIN C	GRAIN C	
Rating Date	Jul-21-2010	Jul-21-2010	Jul-21-2010	Jul-21-2010	
Rating Type	YIELD	MOICON	WEIGHT LOSS	YIELD	
Rating Unit	KG	%	%	kg/ha	
Sample Size, Unit	21,85 M2	1 plot	1 PLOT	1 PLOT	
Crop Stage Majority	91	91	91	91	
Crop Stage Scale	BBCH	BBCH	BBCH	BBCH	
Footnote Number				2	
SE Name	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	GRAIN YIELD	
ARM Action Codes				T2	
Number of Decimals	2	1	1	1	
Trt Treatment No					
Name	Plot	1	2	3	5
1 BARCROWN II	102	3,53	14,8	15,7	1333,7
	204	4,00			1511,3
	303	3,74			1413,1
	402	3,84			1450,9
Mean =		3,78	14,8	15,7	1427,3
2 7FR 231 (BARANGEL)	104	3,22	16,6	18,5	1151,4
	203	3,40			1215,7
	301	2,91			1040,5
	403	3,55			1269,3
Mean =		3,27	16,6	18,5	1169,2

Crop Code
 FESRU, BGRM, Festuca rubra, = US

Part Rated

GRAIN = grain
 C = Crop is Part Rated

Rating Type

YIELD = yield
 MOICON = moisture content

Rating Unit

KG = kilogram
 % = percent
 kg/ha = kilograms per hectare

M2 = square meter
 plot = total plot

Crop Stage Scale

BBCH = BBCH uniform plant stages

Footnote 2: Yield adjusted for water and purity

Appendix 2. Climatic data

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
01.07.2009	20.7	15.5	24.6	1.8	4.1
02.07.2009	21.2	15.5	26.0	0.0	4.8
03.07.2009	20.3	13.0	25.7	0.0	3.6
04.07.2009	22.7	18.4	27.3	0.0	5.5
05.07.2009	18.1	13.3	21.1	0.2	1.6
06.07.2009	18.4	14.6	22.2	1.0	3.7
07.07.2009	17.6	12.4	21.6	1.1	4.6
08.07.2009	16.9	13.4	20.7	2.1	4.4
09.07.2009	15.1	11.2	18.8	0.7	4.1
10.07.2009	14.2	12.5	16.9	8.3	2.3
11.07.2009	14.9	11.0	17.7	0.7	3.7
12.07.2009	16.3	14.4	18.7	4.3	3.4
13.07.2009	17.9	14.2	21.6	0.3	4.6
14.07.2009	18.8	13.3	23.7	0.0	4.0
15.07.2009	20.3	14.6	25.3	0.3	4.3
16.07.2009	18.7	11.8	23.1	0.0	4.6
17.07.2009	20.1	18.1	23.2	1.2	3.7
18.07.2009	17.5	15.0	20.2	5.3	1.6
19.07.2009	16.0	12.1	18.7	2.7	2.1
20.07.2009	15.5	12.8	18.4	2.7	3.3
21.07.2009	16.7	11.3	20.5	0.1	3.0
22.07.2009	19.0	16.2	22.1	6.2	1.8
23.07.2009	17.9	13.3	21.6	7.6	2.2
24.07.2009	16.6	12.6	20.9	4.1	3.4
25.07.2009	16.0	12.8	18.5	2.8	2.8
26.07.2009	16.3	13.9	18.7	0.5	2.8
27.07.2009	19.6	15.2	24.0	0.3	3.0
28.07.2009	17.6	11.5	22.8	0.0	3.6
29.07.2009	19.8	16.3	23.1	0.0	3.6
30.07.2009	16.4	11.8	20.3	3.2	3.0
31.07.2009	15.6	8.4	20.8	0.1	3.1
01.08.2009	17.9	13.5	21.4	0.0	3.9
02.08.2009	20.1	16.9	24.7	1.2	3.1
03.08.2009	16.5	15.5	17.6	6.3	0.9
04.08.2009	17.4	12.5	22.1	0.6	3.1
05.08.2009	19.2	13.2	24.7	0.0	4.6
06.08.2009	19.6	14.7	24.2	0.0	4.4

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
07.08.2009	19.9	16.6	23.9	0.0	4.5
08.08.2009	20.9	16.5	25.3	0.0	4.3
09.08.2009	21.5	17.9	26.9	0.9	3.8
10.08.2009	19.7	15.4	24.8	4.4	2.9
11.08.2009	17.7	15.2	21.1	1.9	2.2
12.08.2009	16.7	13.3	19.9	1.6	2.9
13.08.2009	15.8	11.9	20.4	0.6	3.4
14.08.2009	16.2	12.8	19.8	0.9	3.8
15.08.2009	17.8	13.3	21.9	4.2	2.3
16.08.2009	18.8	15.4	22.5	0.2	3.2
17.08.2009	16.5	12.8	19.8	3.7	2.2
18.08.2009	15.1	9.9	19.5	0.0	3.9
19.08.2009	17.6	13.2	21.1	0.0	3.9
20.08.2009	21.2	18.6	23.5	1.0	4.2
21.08.2009	18.1	13.6	21.3	0.0	1.3
22.08.2009	15.5	9.5	20.2	0.0	3.2
23.08.2009	17.2	13.4	20.6	0.0	3.1
24.08.2009	18.9	16.6	22.3	0.0	2.6
25.08.2009	18.8	15.0	22.1	1.4	2.7
26.08.2009	17.2	15.0	20.7	0.0	3.0
27.08.2009	20.9	16.9	25.2	0.0	3.6
28.08.2009	17.3	13.7	22.5	0.2	1.6
29.08.2009	14.7	11.8	18.1	1.4	2.8
30.08.2009	14.4	11.3	17.8	1.9	2.4
31.08.2009	17.0	14.3	18.8	0.4	1.7
01.09.2009	19.6	14.9	24.4	3.8	3.6
02.09.2009	16.3	13.1	18.8	0.2	2.4
03.09.2009	15.6	14.1	16.9	9.1	0.9
04.09.2009	15.3	13.6	17.5	1.9	1.7
05.09.2009	13.9	11.6	15.6	2.9	1.3
06.09.2009	15.7	13.9	18.2	1.4	2.2
07.09.2009	16.4	14.3	18.3	0.0	2.4
08.09.2009	18.3	14.3	23.2	0.0	3.2
09.09.2009	17.7	14.1	23.5	0.5	2.3
10.09.2009	14.6	10.1	19.2	0.1	2.4
11.09.2009	14.4	9.8	19.3	0.0	2.2
12.09.2009	14.3	10.6	17.4	0.4	2.5
13.09.2009	14.5	12.6	15.9	1.0	1.7
14.09.2009	14.7	12.3	17.8	0.0	2.4
15.09.2009	12.7	7.1	17.4	0.0	2.1
16.09.2009	13.0	8.0	18.2	0.0	2.5
17.09.2009	11.2	5.3	17.2	0.0	2.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
18.09.2009	12.3	6.7	18.1	0.0	2.5
19.09.2009	14.8	10.2	19.4	0.0	2.7
20.09.2009	15.3	8.9	22.1	0.0	2.4
21.09.2009	14.4	8.8	17.0	0.0	2.1
22.09.2009	16.0	14.2	18.3	0.4	1.7
23.09.2009	14.0	10.4	17.5	0.2	1.5
24.09.2009	13.7	10.8	17.1	0.2	1.7
25.09.2009	14.7	11.1	17.9	0.0	2.3
26.09.2009	14.9	14.1	16.2	0.0	0.7
27.09.2009	15.2	14.4	16.1	0.4	0.7
28.09.2009	13.7	10.6	16.0	1.5	0.8
29.09.2009	9.3	5.6	12.6	0.2	1.9
30.09.2009	10.5	5.6	12.3	0.8	1.4
01.10.2009	8.7	4.9	11.9	0.6	1.6
02.10.2009	8.0	5.8	10.9	6.9	1.5
03.10.2009	11.7	9.6	12.8	15.8	0.3
04.10.2009	10.2	7.7	12.2	0.5	1.5
05.10.2009	9.6	6.9	12.5	0.0	1.6
06.10.2009	12.5	5.9	14.2	3.7	1.8
07.10.2009	10.7	5.1	14.8	0.7	1.3
08.10.2009	9.0	5.7	12.6	1.2	1.0
09.10.2009	7.3	3.4	11.0	0.1	1.4
10.10.2009	8.9	3.6	11.0	1.9	0.6
11.10.2009	7.8	6.1	8.5	1.0	0.2
12.10.2009	5.8	3.2	8.4	1.1	1.3
13.10.2009	4.0	1.4	6.9	0.0	1.2
14.10.2009	3.8	1.4	6.7	0.0	0.9
15.10.2009	3.7	-0.7	7.5	0.2	1.3
16.10.2009	4.7	3.0	6.2	6.9	0.2
17.10.2009	6.0	2.3	8.5	0.1	0.8
18.10.2009	5.9	1.7	8.4	0.1	1.2
19.10.2009	8.0	6.5	10.3	0.0	0.7
20.10.2009	7.2	3.4	10.4	0.0	1.2
21.10.2009	7.8	6.5	10.0	0.0	0.8
22.10.2009	8.5	7.4	9.0	0.0	0.2
23.10.2009	7.8	7.3	8.6	1.6	0.2
24.10.2009	7.9	7.4	8.4	2.7	0.2
25.10.2009	10.4	8.2	12.0	2.8	0.3
26.10.2009	10.7	9.6	11.8	8.0	0.3
27.10.2009	8.0	5.2	10.2	0.0	0.5
28.10.2009	7.3	5.5	8.7	5.9	0.3
29.10.2009	5.6	4.2	7.2	0.0	0.4

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
30.10.2009	6.1	4.0	8.1	0.0	0.5
31.10.2009	5.8	5.0	7.2	0.0	0.3
01.11.2009	5.8	5.0	6.4	3.4	0.4
02.11.2009	6.2	4.5	7.0	15.9	0.1
03.11.2009	5.0	4.1	6.7	1.5	0.1
04.11.2009	2.8	2.2	3.3	9.5	0.0
05.11.2009	5.7	3.0	7.2	2.6	0.2
06.11.2009	7.6	7.1	8.1	0.7	0.1
07.11.2009	7.0	6.3	8.4	0.0	0.6
08.11.2009	6.5	5.6	7.1	0.5	0.1
09.11.2009	5.2	4.9	5.8	9.8	0.1
10.11.2009	6.1	5.5	6.6	1.4	0.1
11.11.2009	5.4	4.4	6.2	3.5	0.1
12.11.2009	4.9	4.3	5.6	1.4	0.1
13.11.2009	7.8	5.9	10.3	10.6	0.1
14.11.2009	9.6	8.7	10.4	1.6	0.3
15.11.2009	8.4	6.0	10.4	4.0	0.3
16.11.2009	8.5	7.9	9.4	2.6	0.3
17.11.2009	8.9	8.4	9.5	0.0	0.2
18.11.2009	8.9	8.5	9.4	8.0	0.1
19.11.2009	9.6	8.1	11.7	0.1	0.2
20.11.2009	10.7	7.7	12.9	0.1	0.6
21.11.2009	8.4	7.3	10.0	0.3	0.5
22.11.2009	9.4	8.5	10.4	3.1	0.1
23.11.2009	8.3	8.0	8.9	2.4	0.1
24.11.2009	8.9	7.4	10.6	3.4	0.5
25.11.2009	9.8	8.1	11.6	1.1	0.2
26.11.2009	7.8	6.3	8.8	3.4	0.1
27.11.2009	6.5	5.1	7.2	2.4	0.1
28.11.2009	6.5	5.9	7.5	6.2	0.2
29.11.2009	7.2	5.8	8.1	0.4	0.3
30.11.2009	5.3	3.8	6.7	0.7	0.1
01.12.2009	1.3	-2.1	4.2	0.0	0.2
02.12.2009	0.5	-2.0	2.1	0.3	0.2
03.12.2009	5.0	3.9	5.4	1.5	0.1
04.12.2009	4.7	3.1	5.7	0.8	0.1
05.12.2009	4.0	3.4	4.4	1.0	0.2
06.12.2009	5.8	4.7	7.1	5.8	0.1
07.12.2009	6.1	5.8	6.5	0.2	0.1
08.12.2009	5.4	4.1	6.2	0.0	0.2
09.12.2009	5.3	4.9	5.9	0.6	0.1
10.12.2009	5.0	4.1	5.3	6.2	0.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
11.12.2009	2.8	2.4	3.5	0.1	0.2
12.12.2009	1.0	-0.2	2.2	0.0	0.1
13.12.2009	0.3	-1.3	1.4	0.1	0.3
14.12.2009	-0.4	-1.8	0.2	0.0	0.1
15.12.2009	1.2	-0.3	1.9	2.2	0.1
16.12.2009	-0.4	-2.6	1.5	6.2	0.1
17.12.2009	-4.0	-5.2	-1.9	1.1	0.1
18.12.2009	-3.0	-4.0	-2.3	0.3	0.1
19.12.2009	-5.8	-7.6	-4.4	0.5	0.1
20.12.2009	-5.9	-7.2	-5.3	0.1	0.2
21.12.2009	-4.2	-6.7	-0.3	0.0	0.1
22.12.2009	0.3	-1.6	1.8	2.6	0.1
23.12.2009	0.8	0.1	1.3	0.0	0.1
24.12.2009	1.0	-0.8	2.3	0.8	0.1
25.12.2009	2.1	0.9	3.7	9.9	0.0
26.12.2009	3.3	2.3	4.3	1.4	0.2
27.12.2009	3.3	2.8	3.9	1.2	0.0
28.12.2009	1.1	-1.2	3.1	0.5	0.3
29.12.2009	-0.5	-2.2	2.6	0.0	0.3
30.12.2009	-1.4	-3.1	-0.1	0.0	0.1
31.12.2009	-4.6	-7.0	-2.1	0.0	0.1
01.01.2010	-6.2	-7.6	-5.2	0.1	0.1
02.01.2010	-5.4	-9.6	-2.9	0.4	0.2
03.01.2010	-7.0	-9.4	-5.5	0.1	0.1
04.01.2010	-1.3	-3.0	-0.2	1.8	0.1
05.01.2010	-1.9	-2.9	-1.5	0.7	0.1
06.01.2010	-3.6	-5.7	-2.0	0.3	0.2
07.01.2010	-6.9	-9.2	-5.4	0.0	0.1
08.01.2010	-8.0	-9.4	-6.5	0.0	0.2
09.01.2010	-2.5	-5.3	-0.0	0.0	0.3
10.01.2010	-0.7	-1.3	0.0	0.0	0.2
11.01.2010	-0.5	-1.3	0.1	0.4	0.2
12.01.2010	0.1	-0.3	1.0	1.1	0.1
13.01.2010	0.6	-1.0	1.2	0.0	0.1
14.01.2010	-1.2	-1.5	-0.9	0.0	0.1
15.01.2010	-1.7	-2.3	-1.3	0.0	0.0
16.01.2010	-2.0	-3.3	-1.0	0.0	0.1
17.01.2010	-2.0	-3.0	-1.5	1.7	0.0
18.01.2010	-1.9	-2.7	-1.4	0.0	0.1
19.01.2010	-0.7	-2.0	0.1	0.3	0.1
20.01.2010	-1.3	-2.7	-0.2	0.1	0.1
21.01.2010	-1.5	-3.0	-0.4	0.0	0.2

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
22.01.2010	-3.4	-4.2	-2.9	0.0	0.1
23.01.2010	-3.6	-4.5	-3.0	0.0	0.3
24.01.2010	-4.1	-4.5	-3.5	0.0	0.3
25.01.2010	-5.5	-9.2	-2.5	0.0	0.3
26.01.2010	-5.0	-10.6	-2.7	0.1	0.4
27.01.2010	-1.2	-4.1	2.1	3.9	0.1
28.01.2010	-1.4	-5.3	1.4	0.0	0.5
29.01.2010	-3.4	-5.9	-1.5	5.3	0.2
30.01.2010	-9.5	-14.5	-6.0	1.3	0.3
31.01.2010	-1.0	-3.7	0.2	1.4	0.2
01.02.2010	-3.7	-7.7	0.2	0.5	0.2
02.02.2010	-1.6	-3.9	0.3	4.3	0.2
03.02.2010	-2.1	-5.1	-1.2	0.1	0.4
04.02.2010	-2.2	-7.3	-0.0	0.0	0.4
05.02.2010	0.1	-0.9	0.7	0.0	0.3
06.02.2010	-1.7	-2.5	-1.1	0.0	0.2
07.02.2010	-3.6	-5.2	-2.1	0.0	0.2
08.02.2010	-5.9	-8.0	-4.7	0.0	0.3
09.02.2010	-3.9	-5.8	-3.0	0.2	0.4
10.02.2010	-3.1	-6.3	-1.6	0.2	0.4
11.02.2010	-5.4	-8.2	-2.5	0.0	0.6
12.02.2010	-4.4	-8.3	-2.6	0.1	0.5
13.02.2010	-3.4	-4.2	-2.9	0.3	0.3
14.02.2010	-2.7	-3.6	-2.1	0.2	0.4
15.02.2010	-1.8	-3.2	-0.4	0.1	0.3
16.02.2010	-1.5	-2.5	-1.0	0.2	0.4
17.02.2010	-0.8	-1.1	-0.7	0.0	0.3
18.02.2010	-0.2	-0.6	0.3	1.7	0.2
19.02.2010	0.7	0.2	1.2	2.6	0.5
20.02.2010	0.1	-3.7	1.6	0.4	0.5
21.02.2010	-7.1	-11.1	-4.6	0.8	0.5
22.02.2010	-0.9	-2.3	-0.2	1.5	0.4
23.02.2010	-3.4	-4.5	-2.2	0.0	0.5
24.02.2010	-1.4	-4.8	-0.2	1.6	0.5
25.02.2010	1.2	0.0	2.4	4.0	0.3
26.02.2010	2.1	1.5	2.5	1.3	0.6
27.02.2010	2.5	2.0	2.8	0.8	0.3
28.02.2010	2.3	1.7	3.6	5.5	0.8
01.03.2010	0.9	0.6	1.3	0.4	0.3
02.03.2010	-0.4	-3.4	2.4	1.3	0.7
03.03.2010	-1.1	-4.2	2.1	0.1	0.8
04.03.2010	-2.5	-4.8	-0.2	0.0	1.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
05.03.2010	-3.8	-8.0	-0.3	0.0	0.7
06.03.2010	-2.4	-5.2	1.6	0.0	0.8
07.03.2010	-1.8	-5.5	1.5	0.0	0.7
08.03.2010	-1.9	-4.2	1.9	0.0	0.8
09.03.2010	-2.8	-4.5	-1.5	0.0	0.3
10.03.2010	-1.3	-2.6	-0.8	0.0	0.3
11.03.2010	1.2	-0.3	2.0	0.0	0.4
12.03.2010	1.5	0.0	3.3	0.1	0.3
13.03.2010	2.9	0.0	5.5	0.2	1.2
14.03.2010	0.3	-2.2	2.7	0.3	1.0
15.03.2010	0.0	-3.0	3.3	0.0	1.3
16.03.2010	1.4	-2.3	3.4	0.0	1.5
17.03.2010	4.0	2.4	5.8	1.2	0.9
18.03.2010	7.4	3.2	10.9	0.0	1.6
19.03.2010	7.5	5.1	9.6	0.2	0.6
20.03.2010	7.8	5.8	9.2	8.2	0.3
21.03.2010	6.2	4.5	7.9	0.0	1.2
22.03.2010	5.4	3.7	8.0	0.8	1.3
23.03.2010	5.7	1.3	8.3	0.1	1.2
24.03.2010	4.3	0.5	7.3	0.0	1.2
25.03.2010	6.4	3.0	9.9	0.0	1.5
26.03.2010	10.1	4.7	15.5	11.6	1.8
27.03.2010	6.3	4.6	7.9	1.9	0.4
28.03.2010	6.0	4.4	8.0	0.0	1.1
29.03.2010	4.3	-0.2	7.0	0.0	0.7
30.03.2010	6.3	3.0	8.4	3.2	2.0
31.03.2010	6.3	3.0	9.4	1.2	1.5
01.04.2010	4.6	2.8	6.6	0.7	1.3
02.04.2010	5.3	2.4	10.0	0.0	2.2
03.04.2010	5.1	3.7	7.8	0.4	1.6
04.04.2010	3.9	3.2	4.9	11.2	0.4
05.04.2010	5.3	2.9	7.4	0.4	0.7
06.04.2010	6.4	3.1	9.9	0.0	1.4
07.04.2010	6.5	3.7	10.9	0.0	1.7
08.04.2010	7.8	4.1	11.6	0.3	1.9
09.04.2010	6.9	3.3	9.7	0.0	0.9
10.04.2010	6.9	3.9	9.4	0.0	2.4
11.04.2010	7.0	2.7	12.1	0.0	2.2
12.04.2010	5.6	0.7	10.5	0.0	1.8
13.04.2010	7.6	3.3	11.9	0.0	2.6
14.04.2010	6.0	-0.3	11.9	0.0	1.8
15.04.2010	8.7	4.2	13.3	0.0	2.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
16.04.2010	6.9	3.7	10.5	0.0	1.9
17.04.2010	7.4	4.7	10.8	0.0	1.7
18.04.2010	7.9	2.0	12.4	0.0	2.4
19.04.2010	5.3	1.2	8.3	0.0	2.7
20.04.2010	4.3	2.3	6.3	4.2	1.2
21.04.2010	3.6	1.1	5.9	2.0	1.7
22.04.2010	5.5	2.1	8.8	0.2	2.6
23.04.2010	6.1	2.4	9.1	0.3	2.0
24.04.2010	5.7	1.2	10.8	0.0	2.0
25.04.2010	8.1	5.8	11.4	0.0	2.2
26.04.2010	10.6	7.9	13.4	0.2	2.4
27.04.2010	9.9	6.0	12.9	0.0	1.9
28.04.2010	12.2	8.2	15.5	0.0	3.3
29.04.2010	15.4	9.9	20.0	0.1	2.8
30.04.2010	10.7	7.9	12.9	4.8	0.9
01.05.2010	8.9	4.2	12.0	0.5	2.0
02.05.2010	7.8	2.9	11.3	0.0	3.1
03.05.2010	7.8	6.1	10.4	0.0	2.0
04.05.2010	6.4	3.7	9.2	0.5	2.9
05.05.2010	6.6	3.1	9.2	0.0	2.3
06.05.2010	6.6	4.3	8.7	1.5	2.2
07.05.2010	6.3	4.8	7.6	8.1	0.3
08.05.2010	5.9	5.2	6.7	0.1	0.6
09.05.2010	6.9	3.2	8.6	1.2	1.1
10.05.2010	7.3	4.6	9.7	0.0	2.5
11.05.2010	7.4	5.8	9.1	1.7	1.4
12.05.2010	6.6	5.2	7.6	20.2	0.4
13.05.2010	8.2	7.3	9.5	0.1	1.1
14.05.2010	9.0	7.6	10.7	0.1	1.1
15.05.2010	8.3	7.4	9.9	19.3	0.4
16.05.2010	8.5	7.5	9.4	0.4	0.8
17.05.2010	10.3	7.2	13.8	0.0	3.7
18.05.2010	12.4	9.0	15.1	0.4	2.9
19.05.2010	15.5	12.0	19.4	4.0	3.2
20.05.2010	15.3	12.2	18.9	1.0	2.6
21.05.2010	15.9	12.8	19.6	0.1	3.1
22.05.2010	15.4	12.4	19.4	0.0	2.8
23.05.2010	13.5	9.6	17.0	0.0	3.1
24.05.2010	10.7	7.5	14.1	2.1	1.7
25.05.2010	9.4	5.2	12.4	0.2	3.7
26.05.2010	9.9	5.7	13.5	0.0	3.7
27.05.2010	9.5	3.9	13.1	0.9	2.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
28.05.2010	9.9	7.2	14.0	5.3	2.5
29.05.2010	11.5	9.1	14.9	0.0	3.9
30.05.2010	10.4	9.5	11.2	15.4	0.9
31.05.2010	12.8	10.4	16.5	0.1	2.2
01.06.2010	11.6	10.7	12.5	5.3	1.0
02.06.2010	15.4	10.5	19.4	0.0	3.2
03.06.2010	13.4	8.3	17.2	0.0	3.1
04.06.2010	15.6	9.2	21.1	0.0	4.7
05.06.2010	15.7	9.1	19.7	0.0	3.3
06.06.2010	15.8	12.2	20.3	9.6	4.3
07.06.2010	11.9	10.0	13.9	17.8	1.1
08.06.2010	14.2	12.0	17.5	1.4	3.4
09.06.2010	14.0	12.5	16.6	3.1	2.1
10.06.2010	13.2	10.9	14.6	6.3	1.0
11.06.2010	13.9	10.2	18.5	7.7	1.8
12.06.2010	12.4	10.7	15.3	1.5	3.3
13.06.2010	11.7	8.5	14.2	0.1	2.9
14.06.2010	12.0	7.0	15.0	0.0	3.1
15.06.2010	11.6	7.7	15.4	1.4	3.8
16.06.2010	14.1	7.6	18.9	0.0	3.2
17.06.2010	14.2	10.4	18.4	0.0	3.2
18.06.2010	12.3	8.0	16.2	0.0	3.6
19.06.2010	11.0	7.6	13.9	2.5	2.7
20.06.2010	12.5	8.1	16.3	0.6	3.3
21.06.2010	13.6	8.5	17.7	0.2	3.4
22.06.2010	15.1	11.0	18.6	0.0	4.8
23.06.2010	15.2	10.6	19.6	0.0	4.3
24.06.2010	17.8	13.4	22.1	0.0	5.0
25.06.2010	16.1	10.7	19.3	0.0	4.0
26.06.2010	13.2	7.6	17.4	0.0	3.0
27.06.2010	15.9	9.4	20.5	0.0	4.7
28.06.2010	17.4	11.5	21.8	0.0	3.5
29.06.2010	19.4	14.7	23.5	1.0	5.2
30.06.2010	15.4	9.1	19.6	0.0	3.7
01.07.2010	17.0	12.3	21.5	0.0	3.4
02.07.2010	19.8	16.9	22.6	0.0	5.1
03.07.2010	20.5	14.0	25.7	0.0	5.4
04.07.2010	19.6	12.9	24.3	0.0	4.1
05.07.2010	18.8	12.1	23.2	0.2	4.2
06.07.2010	15.0	10.2	18.7	0.0	2.9
07.07.2010	17.4	14.5	21.2	4.2	4.9
08.07.2010	19.7	15.3	24.3	0.1	4.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
09.07.2010	22.0	18.7	25.6	0.0	4.8
10.07.2010	24.1	18.6	29.7	0.0	4.9
11.07.2010	23.4	16.7	28.5	1.8	4.7
12.07.2010	23.1	19.5	27.7	19.8	4.9
13.07.2010	19.0	13.6	21.8	2.6	3.1
14.07.2010	22.2	19.4	24.9	0.2	5.3
15.07.2010	19.9	13.6	24.0	0.2	4.2
16.07.2010	22.0	18.6	25.7	0.6	5.4
17.07.2010	19.0	13.0	22.0	0.5	2.9
18.07.2010	16.4	10.6	21.1	3.0	4.2
19.07.2010	19.0	14.7	23.5	0.0	4.3
20.07.2010	20.7	15.4	24.8	0.0	3.5
21.07.2010	22.1	18.7	25.1	0.8	4.5
22.07.2010	20.4	16.4	23.7	0.0	3.3
23.07.2010	19.1	16.2	23.1	0.0	3.4
24.07.2010	18.0	15.5	20.6	0.0	3.0
25.07.2010	16.5	11.9	20.9	0.0	4.2
26.07.2010	17.7	13.4	21.4	0.0	4.3
27.07.2010	18.2	13.2	22.2	0.6	2.6
28.07.2010	18.9	15.8	22.3	5.5	3.3
29.07.2010	17.6	14.7	21.1	8.0	2.4
30.07.2010	15.1	12.1	16.6	3.8	1.4
31.07.2010	19.7	16.4	23.9	0.4	4.0
01.08.2010	19.8	17.1	23.0	1.2	2.8
02.08.2010	17.3	12.9	21.6	0.6	2.5
03.08.2010	16.2	10.0	20.2	0.0	3.1
04.08.2010	17.3	14.4	20.8	4.8	3.3
05.08.2010	18.8	15.9	22.6	1.2	2.8
06.08.2010	18.0	15.4	21.8	0.1	2.6
07.08.2010	20.1	16.6	24.1	0.1	3.5
08.08.2010	16.7	15.7	17.9	23.5	0.6
09.08.2010	15.4	9.8	19.5	0.0	2.8
10.08.2010	18.9	15.1	21.5	0.1	4.1
11.08.2010	17.1	11.2	20.5	5.0	1.5
12.08.2010	17.1	15.7	19.4	27.8	1.5
13.08.2010	17.4	14.3	21.5	0.7	3.0
14.08.2010	17.6	16.3	18.7	27.6	0.8
15.08.2010	19.8	17.8	22.1	0.5	2.1
16.08.2010	18.8	15.2	21.3	2.0	1.7
17.08.2010	15.9	15.4	17.1	32.0	0.5
18.08.2010	15.4	11.7	18.2	4.3	1.3
19.08.2010	16.2	12.0	20.3	0.1	3.0

Date	Temp, °C	Min. temp, °C	Max. temp, °C	Precipitation, mm	Evaporation, mm
20.08.2010	18.7	15.2	21.2	0.1	2.7
21.08.2010	20.4	18.6	23.1	0.6	3.0
22.08.2010	17.4	11.6	20.9	9.7	1.6
23.08.2010	17.2	13.5	18.6	11.9	1.9
24.08.2010	15.5	12.9	17.9	1.4	3.2
25.08.2010	14.5	10.7	17.6	0.0	2.8
26.08.2010	13.0	8.9	17.1	0.0	2.5
27.08.2010	13.2	8.3	17.6	0.0	2.3
28.08.2010	13.0	7.6	17.7	0.8	2.7
29.08.2010	12.1	10.8	13.3	9.9	1.5
30.08.2010	12.8	8.7	17.0	1.5	2.8
31.08.2010	13.9	10.7	17.9	0.1	3.0