

METEOROLOGISKE DATA FOR ÅS 2004

FELTSTASJON FOR AGROKLIMATISKE STUDIER, SØRÅS
INSTITUTT FOR MATEMATISKE REALFAG OG TEKNOLOGI
UNIVERSITETET FOR MILJØ- OG BIOVITENSKAP

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Meteorologiske data for Ås 2004

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VÆRET PÅ ÅS 2004,

Alle observasjoner er gjort på NLHs Feltstasjon for agroklimatiske studier, FAGKLIM, på Søråsfeltet ved Ås sentrum. Koordinater: Breddegrad: 59° 40', Lengdegrad: 10° 51', m,o,h : 93,3

Temperatur og nedbør

År 2004 var et varmt år med middeltemperatur 6,5 °C, som er 1,2 °C høyere enn normalen. Rekord ble det imidlertid ikke, den er på 7,3 °C fra årene 1934 og 1990. Gjennomsnittstemperaturen for de 10 årene fra 1990-1999 lå 0,8 °C over normalen. For de 5 siste år (2000-2004) er gjennomsnittstemperaturen 1,0 °C høyere enn normalen. Tilsvarende tall midlet for den nordlige halvkule er 0,4 °C for siste 10 år og 0,6 °C for siste 5 år.

Den høyeste maksimumstemperaturen ble registrert med 29,8 °C den 10. august, og den laveste minimumstemperaturen med -19,4 °C den 21. januar.

Den årlige nedbørsmengden var på 841 mm, mens normalen er 785 mm.

Måle og loggerrutiner

- Lufttemperaturen og luftfuktighet er målt i standard meteorologisk hytte 2 m over bakken.
- Jordtemperaturen er målt under grasplen.
- Vindhastigheten og vindretning er målt i 10 m høyde. Kolonnen merket "max" m/s viser den maksimale vindhastigheten (10-minuttersmiddel) som er målt i løpet av døgnet.
- Loggesystemet foretar en avlesning av alle variable hvert tiende sekund. Middelverdien for hvert 10. minutt lagres i databasen.

Forklaring til tabellene

I strålingstabellen er angitt døgnsommer (MJ/m^2) av global stråling, diffus stråling og strålingsbalanse (=nettostråling), samt globalstrålingens spektrale fordeling. Grensene er satt slik at «uv» (ultrafiolett) refererer til bølgeintervallet 295-385 nm, «blå» til intervallet 385-495 nm, «grønn» til intervallet 495-630 nm, «rød» til intervallet 630-695 nm, og «irød» (infrarød) til intervallet 695-2800 nm. PAR-stråling (fotosyntetisk aktiv stråling) er angitt i E/m^2 (Einstein pr. kvadratmeter) summert over døgnet, der $\text{E}/\text{m}^2 = 6,02 \times 10^{23}$ fotoner/ m^2 . Albedo er forholdet mellom reflektert og innkommende globalstråling og måles over en grasplen. Kolonnen merket «jordvarmeflux» viser netto varmemengde (MJ/m^2) som pr. døgn transporteres i det øverste jordsjikt, målt med to varmefluxplater under en grasplen i 2 cm dybde. Positive tall betyr at jorda mottar energi, negative tall at energi avgis. Manglende tall i tabellene betyr at observasjonene mangler.

Figur 1. på side 14. viser månedlige nedbørsummer sammenlignet med normalen for perioden 1960 - 1990, og figur 2. på side 15. tilsvarende for månedsmiddeltemperaturen. Figur 3. på side 16. viser snødybden.

Meteorologiske data for Ås
Januar 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	-8.7	-13.3	-5.2	-1.6	-0.9	-0.4	0.4	2.3	3.3	97.1	1016.2	1.9	3.5	N
02	-8.8	-13.1	-4.9	-1.7	-1.1	-0.6	0.2	2.4	3.3	94.3	1019.8	1.0	2.9	NØ
03	-5.7	-12.9	0.1	-1.8	-1.3	-0.9	0.1	2.3	3.3	98.6	1010.1	2.6	6.3	SØ
04	-0.7	-1.6	0.2	-0.9	-0.8	-0.6	0.0	2.3	3.2	98.4	999.8	3.0	7.5	S
05	-1.9	-2.8	-0.9	-0.7	-0.5	-0.4	0.0	2.2	3.1	99.5	1006.2	1.9	4.8	S
06	-2.1	-2.8	-1.0	-0.6	-0.5	-0.3	0.1	2.2	3.1	97.3	999.8	3.7	5.3	SØ
07	-2.3	-3.3	-1.7	-0.6	-0.4	-0.3	0.1	2.1	3.0	98.0	998.3	1.6	2.4	N
08	-2.5	-3.7	-0.6	-0.5	-0.4	-0.2	0.1	2.2	3.0	99.8	1001.6	1.6	3.6	Ø
09	0.2	-0.7	0.9	-0.4	-0.3	-0.2	0.1	2.3	2.9	96.6	995.3	1.8	3.6	Ø
10	-3.1	-4.8	-0.8	-0.4	-0.3	-0.1	0.2	2.4	2.9	91.8	998.8	1.9	3.4	SØ
11	0.2	-1.8	1.0	-0.4	-0.3	-0.1	0.2	2.4	2.9	100.0	983.6	4.7		SØ
12	0.4	0.1	1.0	-0.3	-0.3	-0.1	0.2	2.7	2.8	100.0	972.0	1.6	4.1	SØ
13	1.7	0.1	2.6	-0.3	-0.2	0.0	0.2	2.7	2.8	99.1	971.5	2.6	4.4	Ø
14	0.1	-2.4	1.4	-0.2	-0.2	0.0	0.2	2.6	2.8	96.8	977.0	1.5	3.0	N
15	-3.1	-5.1	-1.6	-0.2	-0.1	0.1	0.2	2.4	2.7	99.5	985.3	0.9	2.6	Ø
16	-7.4	-10.3	-4.8	-0.2	-0.1	0.1	0.3	2.3	2.7	93.9	986.4	2.4	4.0	N
17	-10.7	-14.6	-7.7	-0.3	-0.1	0.0	0.3	1.9	2.6	91.9	993.7	1.7	3.5	N
18	-9.7	-15.8	-2.0	-0.6	-0.3	0.0	0.3	1.8	2.6	95.6	996.4	1.5	4.4	Ø
19	-5.9	-12.1	-1.3	-0.6	-0.3	-0.1	0.3	1.8	2.6	90.5	988.5	3.4	8.0	N
20	-9.0	-14.6	-4.8	-0.7	-0.4	-0.1	0.2	1.7	2.5	81.2	1004.3	2.9	5.1	N
21	-16.0	-19.4	-10.8	-0.9	-0.5	-0.2	0.1	1.8	2.5	94.8	1011.5	0.7	2.2	NØ
22	-11.6	-17.6	-3.9	-1.1	-0.7	-0.3	0.1	1.8	2.5	95.2	1007.6	1.0	3.6	Ø
23	-0.4	-4.6	0.9	-0.8	-0.6	-0.3	0.1	1.9	2.5	100.0	1001.6	3.4	5.6	S
24	0.4	-1.7	1.5	-0.4	-0.3	-0.2	0.1	2.1	2.5	99.0	999.3	4.3	6.4	S
25	-3.2	-3.5	-1.8	-0.3	-0.2	-0.1	0.1	2.0	2.5	97.2	1000.6	2.1	3.7	SØ
26	-0.9	-3.5	0.3	-0.3	-0.2	0.0	0.2	2.0	2.5	99.4	996.7	3.3	5.6	S
27	-1.9	-4.1	0.2	-0.2	-0.1	0.0	0.2	2.0	2.5	97.4	986.2	2.6	5.1	SØ
28	-2.9	-3.9	-2.3	-0.2	-0.1	0.1	0.2	2.1	2.4	95.6	976.4	3.2	5.5	Ø
29	-2.4	-3.0	-2.0	-0.2	-0.1	0.1	0.2	2.0	2.4	93.1	981.7	3.2	4.9	Ø
30	-4.0	-6.9	-2.5	-0.2	-0.1	0.1	0.2	2.1	2.4	96.5	986.2	2.4	6.2	SØ
31	-4.7	-10.0	-2.8	-0.2	-0.1	0.1	0.2	2.1	2.4	99.4	977.2	1.3	2.9	S
Mid.	-4.1	-6.9	-1.7	-0.6	-0.4	-0.2	0.2	2.2	2.8	96.4	994.5	2.3	4.5	

Høyeste temperatur: 2.6

Laveste temperatur: -19.4

Normal temperatur (1931-1960): -5.2

Normal temperatur (1961-1990): -4.8

DATO	STRÅLING									Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) **
	MJ/m2			* %					E/m2			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par			
01	0.27	0.23	-0.23	6.6		34.8		58.5	0.5		-1.33	
02	0.80	0.69	-0.90	6.2		36.9		56.8	1.6	0.43	-1.20	0.6
03	0.28	0.26	-0.24	8.3		35.5		56.2	0.6		-1.01	
04	0.37	0.33	-0.26	8.0		48.2		43.8	0.8	0.70	-0.35	
05	0.74	0.78	-0.42	7.3		41.0		51.7	1.6	0.88	-0.24	5.2
06	0.46	0.45	-0.21	7.9		48.7		43.3	1.0	0.72	-0.21	2.5
07	0.56	0.59	-0.13	8.7		44.4		46.9	1.3	0.84	-0.17	12.5
08	0.53	0.52	-0.09	8.1		49.2		42.6	1.2	0.82	-0.15	0.2
09	0.65	0.66	-0.48	6.7		42.2		51.2	1.4	0.92	-0.13	0.5
10	0.70	0.73	-0.35	8.1		44.5		47.4	1.5	0.83	-0.12	
11	0.20	0.20	-0.09	10.8		61.8		27.4	0.5		-0.13	
12	0.74	0.77	-0.04	8.3		47.3		44.4	1.7	0.70	-0.11	24.3
13	0.39	0.40	0.07	9.6		55.9		34.6	1.0	0.88	-0.07	2.9
14	1.07	1.07	-0.80	6.9		38.6		54.5	2.3	0.69	-0.01	5.1
15	0.76	0.67	-0.14	9.1		41.7		49.2	1.9	0.74	-0.01	0.0
16	0.94	0.83	-1.43	9.0		38.3		52.7	2.0	0.80	-0.02	0.0
17	1.95	1.19	-0.57	4.8		28.2		67.0	3.4	0.59	-0.16	
18	0.58	0.51	0.06	8.9		39.8		51.2	1.3	0.64	-0.53	
19	1.54	0.97	-0.99	6.1		22.7		71.3	3.2	0.80	-0.42	4.3
20	2.18	1.64	-2.53	4.8		25.4		69.8	4.1	0.76	-0.42	0.0
21	1.77	1.49	-0.82	5.5		32.4		62.2	3.3	0.66	-0.65	0.0
22	0.86	0.89	0.05	8.8		46.6		44.6	2.0	0.71	-0.68	0.2
23	0.45	0.46	-0.01	8.4		55.6		36.1	1.2	0.94	-0.31	3.0
24	0.34	0.34	-0.02	8.3		53.5		38.3	0.8	0.64	-0.05	
25	0.61	0.59	-0.25	8.3		51.7		39.9	1.4	0.87	0.00	
26	0.86	0.90	-0.06	6.9		43.7		49.4	2.0	0.90	-0.01	19.0
27	1.33	1.30	-0.39	8.1		45.0		46.9	2.9	0.83	-0.02	2.5
28	1.06	1.08	-0.24	8.0		45.0		47.0	2.3	0.87	-0.02	0.0
29	1.71	1.67	-0.63	7.2		42.3		50.5	3.6	0.84	-0.03	4.3
30	1.46	1.47	-0.52	6.9		42.8		50.3	2.9	0.79	-0.03	1.0
31	1.55	1.47	-0.23	8.6		47.4		44.0	3.5	0.81	-0.03	4.5
Sum	27.7	25.2	-12.9						59.0		-8.62	92.6
Mid.	0.89	0.81	-0.42	7.7		42.9		49.4	1.9		-0.28	

Normal nedbør (1931-60): 55 mm * Når innstrålingen er lav er usikkerhet i spektralstrålingen stor. Blå , grønn/gul og rød er slått sammen.

Normal nedbør (1961-90): 49 mm

** Nedbør er registrert manuelt kl. 8 på hverdager. Avlest nedbør 2.2 er fordelt på 30.1,31.1,1.2 og 2.2.04

Meteorologiske data for Ås
Februar 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	-7.9	-13.4	-3.9	-0.2	-0.1	0.1	0.2	1.9	2.4	97.4	987.8	1.1	3.0	N
02	-2.4	-6.9	0.1	-0.2	-0.1	0.1	0.2	1.9	2.4	99.8	996.2	0.9	2.1	Ø
03	2.0	0.1	4.3	-0.2	-0.1	0.1	0.3	1.9	2.4	100.0	994.6	2.6	6.7	S
04	5.5	3.4	9.3	-0.2	-0.1	0.1	0.3	2.2	2.3	84.2	985.1	4.8	9.4	S
05	3.0	-0.1	5.5	-0.2	-0.1	0.0	0.3	2.0	2.3	92.4	987.1	1.5	3.6	Ø
06	2.5	0.3	4.3	-0.2	-0.1	0.1	0.3	1.8	2.2	98.3	985.8	1.4	3.4	SØ
07	-0.2	-2.2	1.3	-0.2	-0.1	0.1	0.2	1.7	2.2	96.7	980.7	2.3	3.7	NØ
08	-3.0	-4.4	-2.2	-0.2	-0.1	0.1	0.3	1.9	2.2	86.6	985.6	3.6	5.7	N
09	-3.6	-6.6	0.0	-0.1	-0.1	0.2	0.3	1.8	2.2	64.5	1001.9	2.5	4.1	NV
10	-7.6	-11.7	-2.9	-0.1	-0.1	0.1	0.3	1.9	2.2	90.1	1003.2	1.0	2.6	Ø
11	-5.5	-11.8	-1.8	-0.2	-0.1	0.1	0.3	2.1	2.2	87.3	1014.7	1.8	4.6	N
12	-1.2	-4.2	1.7	-0.2	-0.1	0.2	0.3	2.0	2.2	97.3	1013.1	1.9	5.3	S
13	-3.6	-7.0	-1.9	-0.2	-0.1	0.1	0.3	2.1	2.2	99.7	1012.6	1.3		N
14	-4.0	-8.7	2.5	-0.2	0.0	0.2	0.4	1.9	2.2	98.4	1011.8			NØ
15	-2.6	-6.8	5.3	-0.2	0.0	0.2	0.4	1.9	2.2	95.3	1010.8	0.5	1.4	NØ
16	-1.5	-6.1	4.5	-0.2	0.0	0.2	0.4	2.0	2.2	97.0	1010.5	1.2	3.8	SV
17	2.0	-1.2	7.5	-0.2	-0.1	0.2	0.4	1.8	2.1	76.8	1005.0	2.8	7.8	NV
18	-0.4	-7.1	5.0	-0.2	0.0	0.2	0.4	1.9	2.1	71.5	1012.3	2.2	6.7	N
19	-4.3	-8.8	1.9	-0.2	0.0	0.2	0.4	2.0	2.2	92.4	1019.1	1.0	4.0	NØ
20	-3.4	-7.4	0.0	-0.2	0.0	0.2	0.4	2.1	2.2	99.9	1016.8	1.2	4.9	N
21	-0.2	-2.1	2.8	-0.2	0.0	0.2	0.4	2.0	2.2	88.6	1006.5	3.5	6.0	S
22	-0.8	-2.4	0.2	-0.2	-0.1	0.2	0.3	2.0	2.1	79.9	991.4	4.4	8.2	N
23	-1.8	-4.4	1.9	-0.2	0.0	0.2	0.4	2.1	2.2	53.0	997.3	3.5	7.8	N
24	1.3	-2.0	4.4	-0.2	-0.1	0.1	0.4	2.2	2.1	64.6	979.8	5.2	8.6	SV
25	-2.6	-8.9	1.9	-0.2	-0.1	0.1	0.4	1.6	2.1	76.4	974.7	1.6	3.6	S
26	-5.7	-12.7	4.1	-0.3	-0.1	0.1	0.3	1.6	2.2	81.8	977.6	0.7	1.7	NØ
27	-5.6	-12.3	-1.3	-0.3	-0.1	0.1	0.3	1.8	2.2	92.6	985.0	1.8	3.8	NØ
28	-4.7	-11.1	-1.1	-0.3	-0.1	0.1	0.3	1.8	2.1	85.7	997.8	2.3	4.4	N
29	-7.8	-15.2	-1.4	-0.4	-0.2	0.1	0.3	1.8	2.1	89.9	1009.5	1.4	4.0	S
Mid.	-2.2	-6.3	1.8	-0.2	-0.1	0.1	0.3	1.9	2.2	87.5	998.4	2.1	4.8	

Høyeste temperatur: 9.3

Laveste temperatur: -15.2

Normal temperatur (1931-1960): -4.6

Normal temperatur (1961-1990): -4.8

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) **	
	MJ/m2			* %						E/m2 Par				Albedo
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød						
01	3.16	1.30	-0.90	5.5		23.6		70.9	6.2	0.77	-0.04			
02	1.13	0.92	-0.07	6.9		56.1		37.0	2.8	0.88	-0.07		5.8	
03	1.17	1.24	0.34	8.6		51.3		40.2	2.9	0.82	-0.07		8.2	
04	3.22	1.03	-2.16	5.5		29.6		64.9	6.7	0.76	-0.06		4.5	
05	1.93	1.77	-0.73	6.6		41.1		52.3	4.2	0.72	-0.04		0.0	
06	1.67	1.69	-0.19	7.2		46.4		46.4	3.7	0.69	-0.04		0.0	
07	1.36	1.33	-0.02	7.9		48.0		44.1	3.1	0.78	-0.03			
08	1.86	1.85	-0.93	8.4		45.6		45.9	4.1	0.88	-0.03			
09	4.23	1.05	-4.25	5.3		25.6		69.1	8.3	0.84	-0.03		8.1	
10	2.38	2.26	-0.96	7.3		40.7		52.0	4.8	0.73	-0.03		0.0	
11	4.40	1.46	-2.19	5.4		24.5		70.1	9.0	0.80	-0.04		0.0	
12	3.30	2.66	-0.73	6.4		39.4		54.2	7.1	0.82	-0.08		3.0	
13	2.99	2.61	0.13	6.4		41.9		51.7	6.4	0.74	-0.11		0.0	
14	4.39	1.49	-1.57	5.5		34.7		59.7	9.4	0.78	-0.13			
15	4.07	1.72	-1.77	6.0		39.2		54.8	8.9	0.75	-0.16			
16	4.75	1.57	-1.44	5.5		33.8		60.8	9.9	0.68	-0.16		0.3	
17	4.11	2.53	-1.72	5.7		38.0		56.3	8.6	0.77	-0.15		1.0	
18	4.60	3.00	-2.50	5.5		35.7		58.8	9.3	0.75	-0.16		0.0	
19	4.56	3.04	-1.67	5.9		37.1		57.0	9.5	0.70	-0.21		0.0	
20	2.18	1.83	0.01	8.1		51.7		40.2	5.5	0.67	-0.24		0.0	
21	6.06	1.20	-2.59	5.1		30.9		64.0	12.3	0.75	-0.19		0.0	
22	1.54	1.51	-1.16	8.0		50.1		41.9	3.7	0.84	-0.18		0.0	
23	6.66	1.42	-3.76	5.0		28.2		66.8	13.1	0.76	-0.20		0.0	
24	6.53	2.12	-2.61	5.1		30.8		64.0	12.9	0.70	-0.22		1.0	
25	5.63	3.53	-2.09	5.7		34.4		59.9	11.5	0.69	-0.21		0.0	
26	7.12	1.53	-1.46	5.0		28.1		66.9	14.1	0.65	-0.29		0.0	
27	7.41	4.98	-1.55	4.8		34.9		60.3	15.0	0.74	-0.36		0.4	
28	5.77	4.08	-1.58	6.0		36.9		57.1	11.8	0.76	-0.27		0.0	
29	7.23	2.54	-2.05	5.2		31.8		62.9	14.5	0.71	-0.35		0.0	
Sum	115.4	59.3	-42.2						239.3		-4.13		32.3	
Mid.	3.98	2.04	-1.45	6.2		37.6		56.2	8.3	0.76	-0.14			

Normal nedbør (1931-60): 34 mm * Når innstrålingen er lav er usikkerhet i spektralstrålingen stor. Blå , grønn/gul og rød er slått sammen.

Normal nedbør (1961-90): 35 mm

** Nedbør er registrert manuelt kl. 8 på hverdager. Avlest nedbør 1.3.04 kom som nedbør 27.2.04

Meteorologiske data for Ås
Mars 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)					Mid (m/s)			Max (m/s)	Retn.	
	Mid	Min	Max	2	5	10	20	50	100					
01	-0.5	-5.4	7.3	-0.4	-0.2	0.1	0.3	2.0	2.1	82.7	1007.2	1.2	3.8	Ø
02	1.6	-4.8	7.4	-0.4	-0.2	0.0	0.3	1.9	2.1	63.5	1007.5	2.9	7.5	N
03	-3.8	-10.9	-0.5	-0.4	-0.2	0.1	0.3	1.9	2.0	62.2	1019.4	2.4	4.6	NØ
04	-9.2	-15.3	-0.8	-0.6	-0.3	0.0	0.2	2.0	2.1	87.8	1022.2	0.8	2.2	NØ
05	-5.0	-13.2	-0.2	-0.7	-0.4	0.0	0.1	1.8	2.0	87.2	1014.4	3.2	7.5	S
06	-3.0	-8.5	1.8	-0.6	-0.4	-0.2	0.1	1.9	2.0	92.1	1006.9	1.3	3.7	Ø
07	0.9	-5.4	8.5	-0.6	-0.4	-0.2	0.1	1.9	2.0	74.8	1010.4	1.7	4.9	N
08	0.2	-5.2	5.0	-0.5	-0.4	-0.1	0.1	1.9	2.0	71.2	1021.2	2.3	6.3	N
09	-0.8	-6.6	4.6	-0.5	-0.4	-0.1	0.1	1.8	1.9	82.4	1029.4	1.1	3.7	NØ
10	0.1	-4.8	5.6	-0.4	-0.3	-0.1	0.1	1.8	1.9	80.5	1028.8	1.2	4.3	NØ
11	-1.3	-7.0	4.1	-0.4	-0.3	-0.1	0.1	1.6	1.9	84.1	1025.1	1.7	3.4	N
12	-2.5	-6.9	-0.7	-0.5	-0.4	-0.2	0.1	1.5	1.9	89.7	1020.4	2.3	4.6	NØ
13	-1.4	-5.2	0.9	-0.6	-0.4	-0.1	0.1	1.6	1.9	93.4	1011.4	2.9	4.6	Ø
14	2.3	0.0	3.5	-0.4	-0.3	0.0	0.1	1.7	1.9	100.0	1002.4	3.8	5.5	SØ
15	4.5	3.3	7.3	-0.3	-0.2	0.1	0.1	1.6	1.9	93.4	995.0	5.6	9.6	S
16	5.2	2.2	10.4	-0.2	-0.1	0.1	0.2	1.6	1.9	89.9	999.7	2.8	5.8	S
17	5.2	2.9	9.4	-0.2	-0.1	0.0	0.2	1.6	1.8	89.5	1000.9	4.1	6.8	S
18	5.3	1.9	10.9	-0.2	-0.1	0.0	0.2	1.6	1.8	83.8	1002.7	3.4	6.2	S
19	4.1	2.6	6.9	-0.1	-0.1	0.1	0.2	1.7	1.7	97.3	989.3	3.6	5.3	S
20	2.8	-0.1	6.9	0.1	-0.1	0.1	0.2	1.6	1.7	94.2	972.0	2.2	4.5	V
21	2.5	-1.8	6.0	0.1	0.0	0.1	0.2	1.5	1.7	85.1	970.7	1.9	4.6	NV
22	1.9	-1.6	4.5	0.0	0.0	0.1	0.2	1.4	1.7	85.4	984.5	1.3	2.7	N
23	0.4	-1.9	1.8	0.2	0.0	0.1	0.2	1.4	1.7	94.7	1000.4	1.3	3.3	Ø
24	0.6	-1.6	3.6	0.6	0.4	0.5	0.4	1.5	1.7	79.1	1009.8	1.1	2.9	Ø
25	-0.5	-4.0	3.1	0.9	0.9	1.0	0.7	1.5	1.7	92.3	1009.9	1.3	4.4	NV
26	-0.1	-4.3	4.1	0.6	0.6	0.8	0.7	1.7	1.7	84.8	1005.7	2.3	5.4	S
27	6.1	0.8	13.7	2.6	2.3	2.1	1.3	1.7	1.7	72.4	992.4	3.7	7.8	SV
28	3.1	-2.6	7.2	1.9	2.0	2.1	1.8	1.9	1.8	74.2	999.2	2.0	4.4	S
29	5.4	0.3	12.8	3.5	3.2	3.0	2.2	2.2	1.8	80.0	1003.5	2.1	5.0	S
30	6.8	0.0	14.6	4.0	3.8	3.6	2.9	2.4	1.9	70.2	1011.3	1.5	3.6	Ø
31	6.1	-2.2	14.1	4.1	4.0	3.8	3.3	2.7	2.0	72.7	1014.4	1.3	2.8	NØ
Mid.	1.2	-3.4	5.9	0.3	0.4	0.5	0.5	1.8	1.9	83.6	1006.1	2.3	4.9	

Høyeste temperatur: 14.6

Laveste temperatur: -15.3

Normal temperatur (1931-1960): -1.2

Normal temperatur (1961-1990): -0.7

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) *
	MJ/m2			%					E/m2	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	6.19	4.39	-1.22	5.7	11.4	23.0	5.5	54.5	13.2	0.75	-0.33		0.4
02	8.07	1.69	-2.56	4.8	10.0	20.7	1.8	62.7	16.1	0.73	-0.30		0.0
03	8.73	1.54	-3.42	4.8	8.7	20.7	1.5	64.2	17.2	0.71	-0.31		0.0
04	8.06	2.99	-1.65	5.1	6.4	23.0	1.6	63.9	16.4	0.72	-0.48		0.0
05	8.43	2.20	-1.84	5.1	9.7	21.0	3.3	60.9	16.9	0.71	-0.54		0.0
06	7.59	4.93	-1.12	5.2	9.8	22.1	5.0	57.9	15.6	0.70	-0.38		
07	8.54	2.01	-1.59	4.9	11.2	21.9	3.7	58.3	17.5	0.70	-0.27		
08	9.19	4.40	-0.92	4.8	10.1	20.9	3.9	60.3	18.5	0.68	-0.24		0.0
09	5.14	4.69	-0.12	6.3	13.6	23.3	8.0	48.8	11.3	0.65	-0.23		0.0
10	9.43	3.80	-0.35	4.8	11.5	22.0	4.8	56.9	19.1	0.66	-0.20		0.0
11	9.40	2.90	-1.21	4.8	10.4	21.2	4.5	59.1	18.7	0.67	-0.20		0.0
12	2.89	2.76	-1.16	7.2	14.6	24.1	8.7	45.4	6.6	0.65	-0.27		0.0
13	3.32	3.15	0.23	6.7	14.1	24.0	8.8	46.4	7.5	0.65	-0.28		
14	2.19	2.11	0.55	7.8	17.1	26.9	9.6	38.5	5.8	0.77	-0.11		
15	7.89	5.41	1.70	5.7	12.3	23.1	6.3	52.6	17.4	0.65	-0.04		28.2
16	9.96	5.61	2.65	5.1	11.7	23.2	5.2	54.7	21.1	0.54	-0.03		3.9
17	8.27	3.83	4.01	5.2	11.7	22.7	6.0	54.3	17.7	0.28	-0.03		0.2
18	11.11	2.87	4.55	4.7	10.2	21.7	4.2	59.2	22.9	0.21	-0.03		0.0
19	5.84	4.61	3.78	5.6	12.0	22.5	7.1	52.7	12.4	0.17	-0.02		8.5
20	6.46	5.21	3.36	5.4	12.6	22.3	7.2	52.6	13.7	0.18	-0.01		
21	7.70	6.36	3.49	5.6	12.0	23.2	6.6	52.6	16.3	0.17	0.00		
22	6.25	5.03	3.20	5.5	11.9	22.8	6.1	53.8	13.1	0.19	0.03		7.2
23	6.16	5.38	2.74	6.0	13.1	22.8	7.4	50.7	13.2	0.22	0.11		0.3
24	9.69	6.42	4.68	5.2	10.8	22.7	6.1	55.1	20.0	0.18	0.20		0.7
25	6.40	5.38	2.04	5.9	11.8	23.2	7.7	51.3	13.8	0.32	0.11		1.0
26	13.16	2.71	5.71	4.6	9.0	22.4	5.1	58.9	26.9	0.20	-0.13		0.1
27	13.22	2.87	5.77	4.4	11.1	22.4	5.6	56.5	27.5	0.23	0.68		0.0
28	9.86	6.46	3.70	4.9	10.7	22.2	4.8	57.4	20.3	0.21	0.03		0.0
29	12.38	3.61	5.51	4.6	11.1	22.4	6.4	55.5	26.0	0.24	0.65		0.0
30	14.02	2.94	6.31	4.4	10.8	22.8	5.6	56.5	29.5	0.23	0.55		0.0
31	14.68	2.34	6.72	4.3	10.5	23.3	5.0	56.9	30.8	0.25	0.38		0.0
Sum	260.2	120.6	53.5						543.1		-1.72		50.5
Mid.	8.39	3.89	1.73	5.3	11.3	22.6	5.6	55.1	17.5	0.46	-0.06		

Normal nedbør (1931-60): 27 mm

Normal nedbør (1961-90): 48 mm

* Nedbør er registrert manuelt kl. 8 på hverdager.

Meteorologiske data for Ås
April 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)					Mid (m/s)			Max (m/s)	Retn.	
	Mid	Min	Max	2	5	10	20	50						100
01	4.9	-2.2	9.2	4.5	4.4	4.3	3.7	2.9	2.2	62.8	1019.1	2.5	5.1	Ø
02	1.1	-6.3	8.1	2.7	2.9	3.1	3.2	3.2	2.3	66.8	1018.5	1.6	3.2	NØ
03	1.5	-3.5	5.9	1.9	2.2	2.4	2.6	3.2	2.5	82.6	1010.4	1.8	3.9	Ø
04	4.3	2.8	6.6	3.1	3.1	3.1	2.8	3.2	2.6	99.1	996.1	3.5	8.0	Ø
05	5.3	4.2	8.5	4.6	4.4	4.2	3.5	3.3	2.6	92.4	990.2	4.5	7.6	S
06	4.8	3.3	7.0	4.5	4.5	4.5	4.0	3.6	2.7	90.3	992.0	2.1	3.8	NØ
07	4.9	2.8	7.7	4.6	4.5	4.5	4.1	4.0	2.8	85.6	997.5	3.5	6.6	NØ
08	7.0	0.3	13.1	5.8	5.5	5.3	4.5	4.1	2.9	75.0	1001.6	1.8	4.5	N
09	5.4	-2.5	12.7	4.5	4.6	4.7	4.5	4.2	3.0	70.0	993.4	3.1	7.6	S
10	5.1	-3.3	11.7	4.1	4.2	4.3	4.2	4.2	3.1	55.8	996.5	2.7	5.9	NV
11	5.2	-1.8	11.8	4.2	4.2	4.3	4.1	4.1	3.3	68.7	1000.7	2.7	6.9	V
12	4.2	-2.9	9.9	4.8	4.7	4.7	4.3	4.2	3.3	67.2	1010.1	1.7	4.4	SV
13	3.6	-1.7	6.5	4.4	4.5	4.5	4.4	4.3	3.4	94.6	1009.2	3.0	5.6	S
14	5.9	4.1	7.4	5.0	4.9	4.9	4.5	4.4	3.5	97.0	1004.9	5.4	8.1	S
15	5.8	2.3	9.2	5.9	5.8	5.6	4.9	4.5	3.5	94.7	1008.9	4.1	6.7	S
16	6.7	-1.2	13.3	6.4	6.2	6.0	5.4	4.7	3.6	73.3	1006.0	2.5	6.1	S
17	9.1	3.0	14.3	6.8	6.6	6.4	5.8	4.9	3.7	72.0	996.0	2.3	5.3	S
18	11.2	7.7	14.8	7.8	7.5	7.3	6.3	5.1	3.8	74.1	987.3	3.3	5.8	Ø
19	11.6	6.8	16.1	8.4	8.1	7.8	6.8	5.4	4.0	73.4	989.8	3.1	5.7	Ø
20	9.6	6.7	12.6	8.0	7.9	7.8	7.1	5.8	4.1	87.1	995.0	2.4	5.1	Ø
21	8.0	2.8	13.6	8.9	8.6	8.4	7.4	6.0	4.3	87.4	1003.0	2.1	3.6	S
22	6.8	-0.3	11.5	7.8	7.8	7.7	7.3	6.2	4.4	90.2	1007.5	1.5	3.2	NØ
23	8.8	4.1	13.1	9.1	8.8	8.6	7.7	6.4	4.6	89.5	1007.7	1.2	2.5	SØ
24	9.6	0.6	16.8	9.2	9.0	8.7	7.9	6.6	4.7	75.3	1012.5	1.5	5.3	N
25	9.0	5.2	11.9	9.5	9.3	9.2	8.4	7.0	4.9	92.8	1013.3	1.6	3.8	NV
26	7.4	6.5	8.5	8.9	8.9	8.9	8.4	7.2	5.1	99.8	1012.2	1.9	3.2	Ø
27	7.7	6.7	8.7	8.7	8.7	8.6	8.2	7.4	5.2	96.9	1010.3	1.8	3.7	SØ
28	8.2	3.8	13.3	9.6	9.4	9.2	8.4	7.5	5.4	76.9	1009.4	1.4	4.3	Ø
29	8.0	0.4	14.3	9.3	9.3	9.1	8.6	7.5	5.5	64.6	1007.4	1.4	4.7	Ø
30	8.2	1.5	13.4	9.1	9.0	9.0	8.5	7.6	5.6	72.8	1005.9	0.9	2.3	NØ
Mid.	6.6	1.7	11.1	6.4	6.3	6.2	5.7	5.1	3.8	81.0	1003.7	2.4	5.1	

Høyeste temperatur: 16.8

Laveste temperatur: -6.3

Mid. temperatur 6.6 er rekordnotering for april

Normal temperatur (1931-1960): 4.3

Normal temperatur (1961-1990): 4.1

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) *
	MJ/m2			%					E/m2	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	13.21	3.92	5.97	4.6	11.2	22.3	6.3	55.6	27.4	0.24	0.28		0.0
02	15.83	2.17	6.00	4.3	10.1	22.0	4.5	59.1	32.1	0.26	-0.23		0.0
03	8.45	5.43	3.26	4.8	10.6	22.7	4.8	57.0	17.6	0.23	-0.28		
04	1.64	1.59	1.00	7.6	15.0	25.8	10.5	41.1	4.2	0.20	0.26		
05	10.85	5.60	5.79	5.1	11.5	22.9	5.0	55.5	22.8	0.23	0.58		14.1
06	4.33	3.97	2.25	6.4	14.6	23.3	8.1	47.6	9.7	0.20	0.27		5.0
07	8.38	6.75	4.52	5.4	11.6	23.0	6.9	53.1	17.8	0.22	0.28		0.7
08	15.15	4.83	7.37	4.3	10.5	22.5	5.0	57.6	31.2	0.25	0.65		
09	11.09	7.91	4.33	5.1	12.1	22.9	6.6	53.3	23.6	0.23	-0.01		
10	17.60	2.52	7.83	4.4	10.2	22.6	4.5	58.2	36.0	0.25	-0.05		
11	16.63	3.59	8.20	4.5	10.5	23.2	4.5	57.4	34.8	0.24	0.12		
12	15.60	6.91	6.85	4.7	11.0	22.6	5.9	55.9	32.8	0.25	0.23		0.1
13	6.85	6.19	3.72	5.8	12.6	22.6	7.6	51.4	14.7	0.21	0.02		0.0
14	4.42	4.09	2.03	6.7	14.0	25.1	8.8	45.4	10.3	0.22	0.24		0.0
15	9.94	7.24	5.62	5.2	11.8	22.3	7.2	53.5	21.1	0.27	0.48		0.2
16	15.57	8.68	7.74	4.4	10.4	22.6	5.3	57.3	32.3	0.25	0.53		0.1
17	10.54	8.16	5.28	4.8	12.0	22.0	6.9	54.2	22.0	0.25	0.50		0.0
18	10.09	7.79	5.07	4.8	11.9	22.7	6.9	53.7	21.1	0.24	0.72		0.0
19	16.51	7.44	7.99	4.5	11.1	22.4	5.7	56.3	34.4	0.26	0.76		0.0
20	7.37	5.46	3.50	5.1	11.8	22.7	6.3	54.2	15.7	0.24	0.38		0.0
21	14.08	7.68	7.59	4.9	11.8	22.2	6.8	54.3	29.6	0.24	0.76		7.8
22	8.72	7.50	5.01	5.8	13.2	22.9	8.1	50.1	19.0	0.20	0.25		0.0
23	9.16	7.24	4.74	5.7	13.0	23.1	7.8	50.4	20.2	0.22	0.65		0.6
24	19.77	3.40	11.19	4.5	11.6	23.0	5.6	55.3	41.8	0.22	0.69		
25	7.14	6.43	3.82	6.2	14.3	23.6	9.0	46.9	16.4	0.18	0.52		
26	2.83	2.59	1.46	7.4	16.0	25.3	9.7	41.5	6.9	0.20	0.19		5.1
27	4.87	4.43	2.49	6.8	15.3	24.5	8.6	44.7	11.3	0.22	0.30		18.9
28	16.12	8.59	8.21	4.7	11.2	22.5	7.2	54.4	33.7	0.24	0.71		3.5
29	20.56	5.16	10.29	4.4	10.9	22.2	6.6	55.8	42.6	0.25	0.40		0.0
30	12.51	10.32	6.11	5.2	12.1	23.0	8.0	51.7	26.9	0.23	0.29		0.0
Sum	335.8	173.6	165.2						710.1		10.49		56.1
Mid.	11.19	5.79	5.51	5.3	12.1	23.0	6.8	52.8	23.7	0.23	0.35		

Normal nedbør (1931-60): 48 mm

Normal nedbør (1961-90): 39 mm

* Nedbør er registrert manuelt kl. 8 på hverdager.

Meteorologiske data for Ås
Mai 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	11.5	6.3	17.5	10.5	10.1	9.9	9.0	7.7	5.8	64.9	999.6	2.1	5.3	SV
02	10.2	5.3	14.8	9.8	9.7	9.7	9.1	8.2	5.9	81.1	992.2	2.1	5.2	SØ
03	10.4	6.8	15.6	10.6	10.3	10.2	9.3	8.4	6.0	81.8	986.5	3.9	8.1	S
04	9.4	6.7	12.2	9.9	9.9	9.9	9.4	8.6	6.2	97.7	981.9			
05	14.2	9.5	20.0	10.8	10.5	10.3	9.5	8.6	6.3	83.7	981.7	3.8	7.2	Ø
06	16.3	13.5	20.1	11.9	11.6	11.4	10.3	8.8	6.4	77.6	989.6	3.0	5.7	Ø
07	18.8	11.9	23.4	12.8	12.5	12.1	10.9	9.2	6.5	58.2	995.2	3.1	5.5	NØ
08	17.8	13.8	22.5	12.9	12.7	12.4	11.3	9.6	6.7	59.2	996.4	2.4	5.8	NØ
09	17.7	8.6	23.9	13.1	12.9	12.6	11.5	10.0	6.9	59.3	994.4	2.1	4.8	NV
10	15.8	9.7	21.6	13.0	12.8	12.6	11.7	10.1	7.1	74.3	993.9	2.4	5.1	N
11	9.1	6.6	12.7	11.8	11.8	11.8	11.4	10.3	7.3	96.6	1002.3	1.9	3.9	N
12	7.1	2.4	11.3	10.2	10.3	10.5	10.5	10.2	7.4	86.6	1006.7	2.0	4.1	N
13	7.7	0.1	12.0	9.0	9.2	9.4	9.6	10.1	7.5	85.0	1006.3	3.2	8.0	S
14	10.3	4.0	15.0	10.0	9.9	9.9	9.6	9.9	7.6	70.2	1001.4	2.3	6.2	SV
15	10.6	5.1	16.8	10.5	10.4	10.3	9.9	9.9	7.6	72.8	1003.2	2.4	14.1	NV
16	12.4	4.7	17.9	10.8	10.6	10.6	10.1	10.0	7.7	68.3	1008.0	1.8	4.7	NV
17	14.1	6.9	19.0	11.4	11.2	11.1	10.5	10.2	7.7	76.8	1002.6	3.5	9.3	S
18	13.5	6.9	19.1	11.3	11.2	11.2	10.7	10.3	7.8	57.0	995.7	4.8	8.2	SV
19	12.1	7.8	15.6	10.6	10.7	10.8	10.6	10.5	7.8	62.9	989.7	5.4	10.1	NV
20	9.1	4.3	13.4	9.9	10.0	10.2	10.1	10.3	7.9	56.2	997.7	2.9	6.0	NV
21	8.7	4.3	13.1	9.7	9.8	10.0	9.9	10.3	8.0	53.6	999.6	4.0	6.9	NV
22	7.4	2.8	12.1	8.9	9.1	9.4	9.4	10.1	8.0	65.1	1002.8	3.7	8.1	NV
23	10.0	3.7	17.3	9.6	9.5	9.6	9.3	10.0	8.0	54.2	1005.4	3.6	6.2	N
24	11.5	3.1	16.9	10.2	10.0	10.0	9.6	10.0	8.1	63.9	999.2	2.3	4.7	SV
25	10.0	7.6	14.6	10.7	10.5	10.5	10.0	10.0	8.0	82.1	998.7	3.5	7.5	N
26	10.8	7.1	15.7	11.1	11.0	10.9	10.4	10.3	8.1	76.9	1003.9	2.7	5.6	NØ
27	12.5	4.2	18.1	11.7	11.4	11.3	10.6	10.3	8.1	73.0	1005.9	2.3	4.8	S
28	12.0	7.1	16.0	12.7	12.3	12.2	11.4	10.5	8.1	82.3	1007.9	2.4	4.9	SV
29	11.4	7.1	16.4	12.8	12.5	12.3	11.6	10.7	8.3	86.3	1010.5	2.1	5.6	Ø
30	13.0	7.3	19.1	13.3	13.0	12.8	12.0	10.8	8.4	48.4	1013.7	2.2	4.0	NØ
31	13.9	4.0	19.9	12.6	12.4	12.4	11.9	11.0	8.4	57.3	1012.6	2.8	5.4	SV
Mid.	11.9	6.4	16.9	11.1	11.0	10.9	10.4	9.8	7.4	71.4	999.5	2.9	6.4	

Høyeste temperatur: 23,9

Laveste temperatur: 0,1

Normal temperatur (1931-1960): 10,2

Normal temperatur (1961-1990): 10,3

DATO	STRÅLING										Jord- varmefflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) *
	MJ/m2			%						E/m2			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	20.26	4.17	10.90	4.4	11.8	22.4	6.6	54.7	42.6	0.24	0.80		
02	8.18	7.07	3.99	4.3	13.9	21.8	8.4	51.5	17.4	0.24	0.32		
03	18.34	7.06	10.17	4.2	12.4	22.1	7.1	54.2	38.6	0.24	0.66		2.5
04	4.27	3.74	1.81	6.3	15.1	24.0	8.4	46.2	9.8	0.23	0.21		2.1
05	10.93	7.82	6.32	5.0	13.4	22.9	8.0	50.6	23.9	0.25	0.75		12.8
06	8.84	7.21	4.50	5.3	13.9	23.2	7.6	50.0	19.3	0.24	0.83		3.4
07	19.54	8.63	10.92	4.3	12.0	22.6	6.6	54.6	40.6	0.26	1.00		2.1
08	14.25	8.85	8.08	4.8	12.0	22.2	8.2	52.8	30.0	0.23	0.73		0.0
09	22.18	5.93	12.11	4.2	11.7	22.1	6.8	55.2	45.9	0.25	0.74		0.0
10	19.35	7.39	10.69	4.8	12.2	22.6	7.1	53.3	41.4	0.23	0.56		0.0
11	5.37	4.79	2.81	6.5	14.5	23.2	8.7	47.0	12.1	0.21	0.05		4.5
12	9.12	7.46	4.48	6.0	12.7	22.1	8.9	50.3	19.7	0.24	-0.23		0.5
13	13.35	10.34	7.20	5.4	12.1	22.9	7.2	52.4	28.7	0.25	-0.20		0.4
14	19.71	10.08	10.62	4.8	11.7	22.9	7.5	53.2	41.7	0.23	0.46		0.0
15	20.84	7.45	11.13	4.7	11.7	22.6	6.9	54.1	43.8	0.24	0.40		0.0
16	19.70	12.51	10.85	4.8	12.5	22.8	7.8	52.2	42.7	0.21	0.57		0.0
17	19.81	9.57	10.69	4.8	12.5	23.2	7.0	52.5	43.0	0.24	0.58		0.0
18	24.32	6.21	12.83	4.5	11.7	22.6	6.4	54.8	51.4	0.25	0.49		0.0
19	20.06	7.61	9.87	4.8	11.5	22.6	7.1	54.0	42.5	0.26	0.12		0.0
20	22.75	6.66	11.42	4.7	11.3	22.3	6.7	55.1	47.7	0.24	0.07		0.0
21	23.67	5.75	11.67	4.7	11.5	22.7	6.5	54.6	49.9	0.25	0.02		0.0
22	16.89	8.92	7.99	4.8	11.4	21.5	7.6	54.7	35.3	0.26	-0.20		0.0
23	26.93	3.04	13.35	4.3	11.1	22.4	6.4	55.8	56.3	0.26	0.26		0.0
24	22.87	8.72	11.85	4.4	11.9	22.5	7.3	53.9	49.0	0.25	0.44		0.0
25	21.43	8.22	11.66	4.8	11.5	22.9	6.7	54.1	46.1	0.25	0.34		0.0
26	19.57	10.57	11.08	4.8	11.9	23.0	6.9	53.5	41.8	0.25	0.49		3.4
27	25.62	5.80	14.28	4.4	12.0	22.6	7.2	53.9	55.4	0.24	0.76		0.0
28	18.70	10.23	10.02	4.8	12.3	22.6	7.1	53.2	40.7	0.26	0.72		0.0
29	20.77	8.89	12.10	4.6	12.2	22.4	7.2	53.7	44.7	0.25	0.78		2.1
30	27.46	2.95	14.47	4.3	11.2	22.6	6.9	54.9	58.4	0.26	0.68		0.0
31	27.60	3.67	14.52	4.3	11.7	22.3	6.9	54.8	58.8	0.25	0.56		0.0
Sum	572.7	227.3	304.4						1219.3		13.77		33.8
Mid.	18.47	7.33	9.82	4.8	12.2	22.6	7.3	53.1	39.3	0.24	0.44		

Normal nedbør (1931-60): 49mm

Normal nedbør (1961-90): 60mm

* Nedbør er registrert manuelt kl. 8 på hverdager. Avlest nedbør 1.6 kom som nedbør 29.5

Meteorologiske data for Ås
Juni 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	14.8	7.1	19.7	13.0	12.7	12.7	12.1	11.3	8.6	65.6	1010.1	3.7	7.5	S
02	15.9	8.2	21.5	13.4	13.1	13.0	12.2	11.3	8.7	58.7	1012.1	2.6	5.0	SV
03	15.8	7.1	21.1	13.4	13.1	13.0	12.3	11.3	8.8	64.0	1010.5	4.5	9.2	S
04	12.9	10.3	15.3	13.2	13.0	13.0	12.4	11.6	8.9	90.2	1002.0	3.6	6.2	S
05	13.8	9.7	18.9	13.9	13.5	13.3	12.5	11.8	9.0	83.7	998.5	3.4	7.8	S
06	15.2	7.2	20.1	14.1	13.8	13.6	12.7	11.9	9.1	70.8	998.6	2.5	6.0	S
07	14.9	12.4	17.4	14.5	14.2	14.0	13.2	12.1	9.2	87.0	997.1	2.6	5.6	S
08	12.0	7.8	17.4	14.5	14.2	14.1	13.3	12.3	9.3	70.2	1005.4	2.4	5.2	N
09	12.8	7.7	16.9	13.8	13.6	13.7	13.2	12.4	9.4	83.0	1007.2	4.0	7.3	S
10	15.5	10.0	22.3	14.6	14.3	14.1	13.4	12.6	9.5	75.0	997.0	3.3	6.0	S
11	14.8	8.2	19.2	14.8	14.5	14.4	13.7	12.7	9.7	78.5	994.3	1.8	6.3	SV
12	15.7	8.6	22.4	15.3	15.0	14.8	13.9	12.7	9.7	71.9	998.4	1.8	4.3	NØ
13	15.6	10.0	20.8	15.2	14.9	14.8	14.1	12.8	9.8	60.2	1007.0	3.3	6.8	S
14	17.4	13.8	21.5	15.4	15.1	15.0	14.2	13.0	10.0	53.3	996.1	5.0	8.2	V
15	14.1	8.5	18.1	14.3	14.2	14.3	13.9	13.0	10.1	58.3	988.7	3.5	7.8	NV
16	13.5	5.3	19.3	13.4	13.4	13.5	13.2	13.0	10.2	52.4	993.0	3.9	6.6	NV
17	13.0	7.9	18.1	13.9	13.8	13.8	13.3	12.9	10.3	59.3	991.9	2.0	4.8	NØ
18	10.5	7.0	16.0	13.0	13.1	13.3	13.2	12.9	10.3	89.8	987.5	1.9	7.6	Ø
19	9.3	6.3	12.6	12.8	12.7	12.8	12.7	12.6	10.4	92.2	985.5	2.9	5.3	Ø
20	9.0	7.0	12.5	12.1	12.2	12.3	12.4	12.6	10.4	95.1	985.7	3.6	6.4	S
21	11.5	8.1	15.0	12.4	12.4	12.4	12.3	12.5	10.4	84.4	994.5	4.0	7.1	S
22	11.4	7.7	14.1	12.8	12.7	12.8	12.5	12.4	10.5	88.2	998.2	2.3	4.3	SØ
23	13.8	7.2	18.2	13.7	13.4	13.4	12.8	12.5	10.5	76.3	996.3	2.0	4.5	Ø
24	12.0	9.7	14.2	13.4	13.3	13.5	13.1	12.8	10.5	97.7	985.2	2.1	3.9	NØ
25	13.1	11.1	15.0	13.9	13.8	13.8	13.2	12.9	10.6	98.0	988.8	1.6	3.7	SØ
26	14.3	10.3	17.5	14.9	14.6	14.5	13.8	12.8	10.6	93.9	1000.6	1.1	4.2	N
27	13.4	8.6	18.5	15.1	14.8	14.8	14.1	13.0	10.7	92.5	1003.0	2.1	4.7	S
28	14.3	11.3	18.8	15.7	15.5	15.3	14.5	13.4	10.8	87.7	998.9	2.3	5.5	S
29	15.3	12.2	20.6	16.5	16.2	16.0	15.0	13.7	10.9	86.5	996.9	1.6	4.7	N
30	16.0	9.1	21.4	17.0	16.6	16.4	15.4	13.8	10.9	78.0	996.5	2.3	5.9	N
Mid.	13.7	8.9	18.1	14.1	13.9	13.9	13.3	12.6	9.9	78.1	997.5	2.8	5.9	

Høyeste temperatur: 22.4

Laveste temperatur: 5.3

Normal temperatur (1931-1960): 14.4

Normal temperatur (1961-1990): 14.8

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm)	
	MJ/m2			%						E/m2 Par				Albedo
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød						
01	27.19	4.06	14.27	4.4	11.5	22.4	7.0	54.7	58.2	0.26	0.51		0.0	
02	27.56	3.37	14.57	4.3	11.6	22.6	6.9	54.6	59.1	0.24	0.67		0.0	
03	27.52	3.72	14.68	4.4	11.4	22.6	7.0	54.6	58.8	0.25	0.51		0.0	
04	12.28	10.07	6.36	5.4	12.4	22.5	7.4	52.3	26.8	0.25	0.31		0.0	
05	20.15	13.76	11.29	5.1	12.6	22.7	7.5	52.1	44.2	0.25	0.69		0.0	
06	26.04	5.28	14.47	4.6	12.1	23.1	6.8	53.5	56.9	0.24	0.69		0.0	
07	13.20	8.76	7.24	5.5	13.1	22.8	8.1	50.5	29.5	0.23	0.59		2.9	
08	21.50	11.86	12.10	5.0	12.0	22.9	7.6	52.5	46.6	0.23	0.60		5.5	
09	22.30	8.31	12.42	4.9	11.8	22.8	7.1	53.4	48.5	0.23	0.29		3.9	
10	19.59	8.17	11.69	4.9	13.0	23.0	7.5	51.6	43.0	0.23	0.71		2.4	
11	19.74	11.29	11.00	5.0	12.2	23.0	7.7	52.1	43.2	0.21	0.60		0.0	
12	25.47	6.99	14.84	4.6	12.3	22.8	7.2	53.0	55.8	0.23	0.74		0.0	
13	24.16	7.24	13.32	4.7	11.7	23.1	7.0	53.4	52.5	0.21	0.52		0.1	
14	22.36	9.64	12.57	5.0	12.0	23.2	7.5	52.3	49.0	0.22	0.46		0.0	
15	16.99	9.51	9.13	5.3	12.3	22.8	6.9	52.7	37.1	0.23	0.13		0.0	
16	26.82	9.12	14.97	4.6	11.3	22.7	6.8	54.5	58.0	0.24	0.07		0.0	
17	24.29	6.64	12.85	4.7	11.3	22.9	7.4	53.6	52.5	0.22	0.33		0.0	
18	10.03	8.39	5.23	5.7	12.6	23.2	8.1	50.3	22.4	0.22	-0.05		9.1	
19	13.78	10.93	7.86	5.5	12.5	23.0	7.5	51.4	30.5	0.23	0.08		5.0	
20	10.69	8.74	6.35	5.8	12.1	23.2	7.6	51.3	23.8	0.22	-0.13		16.5	
21	19.04	10.20	11.32	5.0	12.2	22.4	7.3	53.1	41.6	0.24	0.23		17.9	
22	12.63	10.40	6.18	5.8	13.2	22.6	7.9	50.5	28.3	0.23	0.21		0.0	
23	16.53	10.88	9.85	5.1	12.5	22.5	7.5	52.3	36.1	0.22	0.54		0.0	
24	4.09	3.67	2.04	6.6	13.9	22.2	10.2	47.1	9.4	0.18	0.07		19.7	
25	7.23	6.18	3.91	6.2	14.2	23.4	8.0	48.2	16.6	0.22	0.46		5.3	
26	10.93	8.77	6.19	5.9	13.1	23.3	8.7	49.0	24.6	0.21	0.58		11.7	
27	14.87	11.18	9.16	5.4	12.9	22.7	7.8	51.3	32.4	0.21	0.58		0.0	
28	16.94	10.88	10.21	5.3	12.3	22.6	7.9	52.0	37.2	0.23	0.67		0.0	
29	16.48	10.21	9.95	5.3	12.8	23.0	7.8	51.1	36.6	0.22	0.72		1.0	
30	27.30	4.98	16.27	4.6	12.1	23.0	7.3	53.0	60.1	0.22	0.78		0.1	
Sum	557.7	253.2	312.3						1219.5		13.19		101.1	
Mid.	18.59	8.44	10.41	5.1	12.4	22.8	7.6	52.1	40.6	0.23	0.44			

Normal nedbør (1931-60): 70 mm

Normal nedbør (1961-90): 68 mm

Meteorologiske data for Ås
Juli 2004

8

DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	14.4	11.4	17.1	16.1	16.0	16.1	15.6	14.2	11.1	90.1	990.0	3.0	5.3	S
02	13.1	10.4	17.2	15.8	15.7	15.7	15.2	14.4	11.2	91.2	988.9	2.2	5.0	S
03	14.0	8.3	18.3	15.9	15.8	15.7	15.1	14.3	11.3	79.6	991.3	2.7	6.3	S
04	13.1	8.9	17.6	15.3	15.3	15.4	15.1	14.6	11.4	89.9	993.1	2.3	4.5	S
05	13.1	9.5	17.2	15.6	15.5	15.4	14.9	14.4	11.5	92.5	995.1	1.4	4.3	NV
06	15.0	11.6	20.0	16.3	16.0	15.9	15.2	14.6	11.6	80.2	997.7	2.4	4.8	NV
07	15.0	10.4	19.4	16.7	16.5	16.3	15.5	14.5	11.7	73.7	1003.1	2.1	4.5	N
08	14.8	6.3	19.6	16.4	16.2	16.1	15.5	14.4	11.7	73.2	1003.8	1.6	5.0	SV
09	13.9	12.4	15.5	15.6	15.6	15.7	15.5	15.0	11.8	92.7	999.0	2.1	3.8	NØ
10	15.3	13.1	17.9	15.4	15.4	15.3	15.1	14.7	11.9	82.7	991.7	2.7	5.3	N
11	16.5	14.4	20.0	15.9	15.7	15.6	15.1	14.6	11.9	78.1	986.2	3.3	5.7	N
12	15.8	12.4	20.2	17.0	16.6	16.4	15.6	14.6	12.0	88.3	984.5	1.9	3.8	N
13	14.0	11.1	19.2	17.2	16.9	16.7	16.0	14.7	12.0	81.6	988.8	2.0	4.4	N
14	12.7	8.6	16.8	16.5	16.4	16.4	15.9	14.8	12.1	84.5	990.4	1.9	5.0	N
15	14.0	8.1	18.7	16.1	16.0	16.0	15.6	14.8	12.2	84.4	992.1	2.4	5.3	S
16	15.0	9.1	20.0	16.4	16.3	16.2	15.7	14.8	12.2	72.3	995.3	2.3	4.3	NV
17	14.3	5.9	19.7	15.6	15.6	15.7	15.4	14.8	12.3	71.8	1003.0	2.5	7.0	S
18	13.9	12.4	15.0	15.3	15.3	15.4	15.3	14.7	12.3	93.3	1000.8	2.1	3.2	SØ
19	15.6	10.1	20.0	16.6	16.3	16.2	15.5	14.6	12.4	82.8	1000.1	2.3	6.1	S
20	14.8	6.8	20.2	15.9	15.9	15.9	15.5	14.7	12.4	74.5	1004.6	2.8	6.5	S
21	16.5	9.0	22.8	16.9	16.6	16.4	15.7	14.7	12.4	73.6	1008.4	1.4	4.2	SØ
22	15.9	13.4	18.0	16.8	16.7	16.7	16.2	14.9	12.5	90.2	1011.1	1.5	3.5	NØ
23	18.9	15.6	22.6	17.8	17.4	17.2	16.3	15.0	12.5	80.2	1008.7	1.6	3.3	SØ
24	17.5	13.5	21.2	17.9	17.7	17.6	16.8	15.2	12.6	84.9	1001.6	3.1	6.5	S
25	14.7	10.8	18.3	16.6	16.7	16.7	16.5	15.3	12.6	80.8	995.2	4.0	6.3	S
26	13.7	7.6	18.8	16.3	16.3	16.3	16.0	15.3	12.7	85.3	997.0	1.6	5.7	Ø
27	14.8	6.6	21.3	16.4	16.2	16.2	15.9	15.2	12.8	78.1	1002.6	2.0	4.6	SV
28	16.7	9.9	22.7	17.4	17.1	16.9	16.2	15.2	12.8	79.9	1008.0	2.0	5.1	SV
29	15.9	11.2	20.8	17.3	17.0	17.0	16.4	15.3	12.8	85.5	1010.1	2.4	4.2	S
30	16.6	8.8	23.8	17.4	17.1	17.0	16.4	15.3	12.9	79.8	1011.3	1.1	3.4	NØ
31	18.5	10.3	24.2	17.6	17.4	17.3	16.6	15.4	12.9	76.2	1010.3	1.5	4.2	NØ
Mid.	15.1	10.2	19.5	16.5	16.3	16.2	15.7	14.8	12.1	82.3	998.8	2.2	4.9	

Høyeste temperatur: 24.2

Laveste temperatur: 5.9

Normal temperatur (1931-1960): 16.8

Normal temperatur (1961-1990): 16.1

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm)
	MJ/m2			%					E/m2	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	9.86	8.58	5.58	6.0	13.5	23.1	8.1	49.4	22.2	0.23	0.16	2.2	0.2
02	14.87	10.20	8.77	5.4	12.3	22.9	8.0	51.4	32.6	0.22	0.29	2.5	0.1
03	26.33	6.01	15.64	4.7	12.1	22.7	7.3	53.2	57.5	0.23	0.44	3.9	0.0
04	15.25	7.55	8.40	5.1	12.8	22.2	7.9	52.0	33.3	0.24	0.09	2.0	10.9
05	12.44	8.82	7.09	5.6	12.8	22.9	7.9	50.8	27.5	0.22	0.31	1.3	1.9
06	19.18	8.92	11.38	5.2	12.4	23.6	7.0	51.7	42.5	0.22	0.44	2.4	0.0
07	21.82	8.71	12.81	4.9	12.1	22.7	7.5	52.7	47.8	0.22	0.64	3.3	0.2
08	24.75	7.25	14.60	4.6	11.3	22.8	7.2	54.0	54.2	0.23	0.43	3.6	0.0
09	4.47	3.98	2.27	7.0	14.6	24.7	8.7	45.0	10.8	0.22	-0.08	0.8	5.5
10	5.75	5.07	3.08	6.7	14.9	24.1	7.8	46.5	13.5	0.22	0.11	1.1	1.2
11	13.85	11.07	8.43	5.6	12.8	23.2	7.7	50.8	30.8	0.22	0.42	2.5	0.0
12	16.95	9.74	10.22	5.0	12.0	23.6	7.4	52.0	37.3	0.21	0.70	1.4	10.8
13	18.83	9.08	11.54	5.3	12.0	23.0	7.4	52.3	41.7	0.23	0.56	2.4	4.4
14	17.47	7.13	10.18	5.2	11.8	23.1	8.2	51.6	38.5	0.23	0.22	2.8	0.1
15	20.29	8.35	12.75	4.9	11.8	22.7	7.2	53.4	44.0	0.22	0.39	3.0	0.0
16	24.37	5.30	14.73	4.7	11.5	22.9	7.2	53.6	53.1	0.23	0.48	4.2	0.0
17	22.50	7.03	13.75	4.9	11.8	23.6	6.8	53.0	49.5	0.22	0.19	4.1	0.0
18	3.44	3.08	1.82	6.9	15.7	22.7	11.6	43.0	8.3	0.20	-0.04	0.5	13.0
19	19.33	8.90	11.85	4.9	12.0	22.8	7.5	52.8	42.3	0.24	0.77	2.7	0.0
20	24.90	4.36	14.76	4.5	11.5	22.9	7.4	53.6	54.3	0.24	0.22	4.3	0.0
21	22.01	6.53	13.29	4.5	11.8	23.1	7.5	53.1	48.0	0.23	0.73	3.0	0.1
22	5.54	4.90	3.25	6.3	14.2	24.1	8.1	47.3	12.7	0.21	0.24	1.3	0.5
23	12.47	10.42	8.05	5.3	13.0	23.1	8.3	50.3	27.6	0.22	0.86	1.5	0.0
24	17.86	8.79	10.99	4.9	12.2	22.1	7.9	52.9	39.1	0.24	0.59	3.0	0.0
25	21.62	10.15	12.80	4.8	11.7	22.9	7.1	53.5	47.3	0.23	0.10	4.3	0.0
26	18.98	8.44	11.07	4.8	11.7	22.7	7.7	53.1	41.7	0.24	0.15	2.7	0.3
27	23.81	4.37	14.55	4.6	12.1	22.7	7.3	53.2	52.9	0.21	0.22	3.8	0.0
28	22.80	4.28	14.10	4.5	12.4	22.3	7.7	53.0	50.1	0.21	0.62	3.6	0.2
29	18.01	7.68	11.34	4.8	12.4	22.2	7.5	53.0	39.2	0.23	0.38	2.8	0.0
30	21.29	8.08	13.34	4.6	11.9	22.7	7.9	53.0	46.7	0.21	0.54	2.9	0.0
31	15.99	9.31	10.23	4.9	12.5	23.3	7.8	51.6	35.3	0.20	0.44	2.6	0.0
Sum	537.0	232.1	322.7						1182.2		11.62	82.5	49.4
Mid.	17.32	7.49	10.41	5.2	12.5	23.0	7.8	51.5	38.1	0.22	0.37	2.7	

Normal nedbør (1931-60): 79 mm

Normal nedbør (1961-90): 81 mm

Meteorologiske data for Ås
August 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)					Mid (m/s)			Max (m/s)	Retn.	
	Mid	Min	Max	2	5	10	20	50	100					
01	20.4	14.9	26.6	18.7	18.3	18.1	17.1	15.5	13.0	77.1	1008.6	1.9	5.9	N
02	19.7	11.9	25.3	18.6	18.3	18.2	17.4	15.8	13.0	73.0	1007.7	1.9	4.7	NØ
03	17.8	15.4	19.7	18.1	18.0	17.9	17.4	15.9	13.1	91.7	1005.6	2.3	4.1	NØ
04	18.8	17.2	20.6	18.3	18.0	17.9	17.3	16.0	13.2	97.3	1004.3	1.8	3.8	NØ
05	20.1	15.1	24.0	19.1	18.8	18.6	17.6	16.0	13.3	88.0	1006.6	2.0	4.8	SØ
06	20.2	12.8	26.6	18.9	18.6	18.5	17.7	16.2	13.4	81.6	1008.5	1.7	4.8	S
07	21.1	14.0	26.5	19.2	18.9	18.8	18.0	16.3	13.4	73.8	1010.4	2.1	4.6	SV
08	20.4	11.6	27.9	18.5	18.4	18.3	17.8	16.5	13.5	74.9	1009.3	1.3	3.7	NØ
09	21.4	12.6	29.6	18.8	18.6	18.5	17.8	16.5	13.6	71.9	1010.5	1.0	3.6	NØ
10	22.3	13.8	29.8	19.1	18.8	18.7	18.0	16.6	13.7	72.2	1010.2	1.2	2.8	NØ
11	22.1	16.3	27.8	19.9	19.5	19.2	18.4	16.7	13.8	75.8	1004.9	1.7	4.0	SV
12	21.6	13.0	28.8	19.6	19.3	19.1	18.4	16.9	13.9	70.0	998.5	1.9	4.9	NØ
13	17.5	11.7	21.8	18.0	18.2	18.3	18.1	17.0	14.0	73.7	995.2	2.9	6.1	NØ
14	17.8	8.2	24.2	17.0	17.0	17.1	17.1	16.8	14.0	76.8	996.7	3.3	7.3	S
15	18.7	12.9	24.8	17.5	17.4	17.4	17.1	16.5	14.1	63.3	994.0	2.2	4.6	NV
16	16.0	13.5	19.7	17.4	17.3	17.3	17.1	16.4	14.1	86.1	991.1	1.9	4.3	NØ
17	15.3	12.5	17.5	17.1	17.1	17.1	16.9	16.4	14.1	94.4	989.5	1.7	2.9	N
18	16.9	12.9	21.8	17.6	17.4	17.4	16.9	16.3	14.1	85.1	993.8	1.8	5.3	S
19	17.4	14.4	20.3	17.4	17.4	17.4	17.0	16.3	14.1	92.2	986.1	3.5	7.9	S
20	16.0	13.8	18.5	16.7	16.8	16.9	16.7	16.3	14.1	95.0	982.4	4.1	7.7	S
21	16.2	9.0	21.3	16.6	16.7	16.7	16.5	16.1	14.1	69.7	985.0	3.4	7.7	SV
22	10.3	5.4	14.9	14.6	14.9	15.2	15.6	15.9	14.0	88.3	997.3	2.1	6.0	NV
23	10.8	2.8	18.6	13.8	14.0	14.3	14.7	15.6	14.0	75.5	1007.2	1.1	3.7	SV
24	12.0	4.5	16.8	13.9	14.0	14.2	14.4	15.3	14.0	76.9	1003.6	1.7	3.6	NØ
25	13.9	12.4	16.9	14.3	14.4	14.6	14.6	15.0	13.9	90.5	995.4	2.9	4.3	NØ
26	13.1	9.8	17.2	14.3	14.3	14.5	14.5	14.9	13.7	80.6	995.8	2.7	5.1	NØ
27	12.4	6.2	15.9	14.0	14.1	14.3	14.3	14.8	13.6	90.8	989.1	2.2	5.8	SØ
28	14.4	11.1	18.5	14.1	14.2	14.3	14.3	14.6	13.5	82.5	985.3	5.2	9.4	S
29	13.3	9.4	16.7	14.0	14.0	14.2	14.2	14.5	13.5	87.0	995.0	3.4	7.4	S
30	12.8	11.5	15.5	14.2	14.2	14.3	14.2	14.4	13.4	97.9	993.5	2.1	4.2	Ø
31	12.5	11.5	15.2	14.4	14.4	14.4	14.3	14.4	13.3	97.8	991.6	1.3	3.6	Ø
Mid.	16.9	11.7	21.6	16.9	16.8	16.8	16.5	15.9	13.7	82.3	998.5	2.3	5.1	

Høyeste temperatur: 29.8

Laveste temperatur: 2.8

Normal temperatur (1931-1960): 15.6

Normal temperatur (1961-1990): 14.9

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm)
	MJ/m2			%					E/m2	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	20.57	6.85	13.18	4.6	12.2	23.8	7.1	52.3	45.8	0.21	0.71		11.5
02	20.86	8.00	13.64	4.7	12.0	23.2	7.5	52.6	46.0	0.22	0.51		0.1
03	7.42	6.46	4.37	6.4	14.0	23.4	9.1	47.1	17.3	0.21	0.19		6.8
04	6.24	5.46	3.86	6.5	14.8	24.4	8.4	45.8	14.8	0.21	0.48		3.6
05	16.16	8.14	10.36	5.1	12.4	22.3	8.2	51.9	36.2	0.23	0.76		0.0
06	18.76	8.03	11.96	4.8	12.1	23.4	7.0	52.7	41.9	0.21	0.60		0.0
07	20.96	4.40	12.70	4.6	11.5	22.9	7.1	53.9	46.2	0.23	0.53		0.0
08	18.72	7.05	11.74	4.6	11.5	23.5	7.3	53.2	41.2	0.22	0.40		0.2
09	19.75	4.47	12.30	4.6	11.5	23.5	7.2	53.2	43.7	0.23	0.53		0.0
10	16.13	7.21	9.88	4.9	11.7	23.8	7.1	52.5	35.9	0.22	0.54		0.0
11	19.69	6.36	12.43	4.7	11.7	23.0	7.2	53.4	43.5	0.21	0.65		0.0
12	20.15	3.85	12.27	4.7	11.0	23.8	6.9	53.6	44.8	0.22	0.51		2.5
13	13.48	6.87	8.11	5.4	12.1	22.6	7.3	52.6	29.9	0.23	-0.08		0.0
14	20.05	3.89	12.40	4.9	11.6	23.5	6.6	53.3	44.8	0.24	-0.01		0.0
15	20.61	2.71	11.74	4.8	11.3	23.5	6.3	54.1	45.4	0.22	0.30		0.0
16	11.13	8.29	6.71	5.6	11.9	23.2	7.5	51.8	24.7	0.22	0.15		1.2
17	7.98	6.91	4.76	6.3	13.7	23.8	8.0	48.1	18.2	0.22	0.14		8.9
18	15.16	6.69	9.56	5.2	11.6	23.3	7.6	52.3	33.8	0.22	0.29		0.0
19	9.19	5.81	5.47	5.5	13.0	23.6	7.7	50.3	21.0	0.23	0.14		17.1
20	9.69	7.13	5.80	6.0	12.4	24.0	6.8	50.8	22.0	0.22	-0.05		4.7
21	18.74	4.77	11.27	4.9	10.8	23.7	6.1	54.5	41.2	0.24	-0.01		0.0
22	9.67	7.37	5.28	5.9	12.0	22.9	8.4	50.8	21.8	0.20	-0.51		5.6
23	15.82	3.31	8.93	5.0	10.3	23.9	5.4	55.4	34.9	0.23	-0.36		0.1
24	11.01	7.99	6.62	5.4	11.4	23.9	6.7	52.6	24.3	0.21	-0.23		0.2
25	3.82	3.42	1.89	6.7	13.9	24.2	8.9	46.3	8.8	0.22	-0.13		2.1
26	14.63	6.44	8.32	5.1	10.7	23.6	6.1	54.4	32.2	0.23	-0.09		0.0
27	8.38	6.59	4.79	5.8	11.9	24.1	7.2	51.0	19.0	0.23	-0.10		4.0
28	9.67	7.83	5.11	5.6	12.2	22.5	7.3	52.4	21.4	0.24	-0.13		0.0
29	11.01	6.04	6.00	5.3	10.8	24.5	5.3	54.1	24.4	0.24	-0.08		5.4
30	4.81	4.27	2.36	6.5	14.1	23.7	8.4	47.3	11.1	0.23	0.02		11.6
31	4.95	4.36	2.40	6.5	14.6	24.2	8.1	46.6	11.6	0.22	0.04		9.4
Sum	425.2	187.0	256.2						947.5		5.69		95.0
Mid.	13.72	6.03	8.27	5.4	12.2	23.5	7.3	51.6	30.6	0.22	0.18		

Normal nedbør (1931-60): 96 mm

Normal nedbør (1961-90): 83 mm

Meteorologiske data for Ås
September 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Mid	Hytte		Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
		Min	Max	2	5	10	20	50	100					
01	13.1	7.4	18.1	14.6	14.5	14.6	14.4	14.3	13.2	88.8	997.0	1.4	3.2	NØ
02	12.4	5.7	19.9	14.3	14.2	14.3	14.2	14.3	13.2	88.5	1005.6	1.6	4.2	NØ
03	13.7	9.8	18.8	14.8	14.7	14.7	14.5	14.3	13.1	89.7	1012.6	2.0	4.1	Ø
04	15.0	10.5	19.5	15.0	14.9	14.9	14.6	14.4	13.1	91.4	1015.3	3.3	6.3	S
05	16.9	12.6	21.8	15.9	15.7	15.5	15.0	14.4	13.1	90.3	1014.4	2.7	5.9	S
06	15.7	9.3	20.7	15.6	15.6	15.6	15.3	14.6	13.1	68.9	1015.4	2.2	5.5	NV
07	12.7	7.4	19.6	14.0	14.1	14.4	14.6	14.7	13.1	69.2	1018.2	2.2	5.7	NV
08	11.6	3.1	18.4	13.2	13.4	13.7	14.0	14.5	13.1	69.8	1021.4	1.9	4.1	SØ
09	11.8	5.6	20.0	13.7	13.7	13.8	13.8	14.2	13.1	86.1	1015.5	1.4	4.5	NØ
10	12.7	3.3	21.3	13.2	13.3	13.5	13.7	14.1	13.1	82.3	1005.6	2.9	6.6	S
11	12.8	6.1	15.6	13.4	13.4	13.5	13.6	14.0	13.0	97.7	994.6	1.4	4.3	S
12	13.9	12.0	15.8	14.1	14.1	14.1	13.9	13.9	12.9	91.6	981.4	4.3	8.2	S
13	13.8	11.1	16.9	13.5	13.6	13.7	13.7	13.9	12.9	85.7	981.9	5.6	10.4	S
14	12.0	9.4	16.1	13.1	13.2	13.3	13.5	13.8	12.9	84.8	983.6	5.0	9.0	SV
15	9.9	6.2	14.8	12.7	12.8	13.0	13.2	13.7	12.8	89.3	983.8	2.8	9.4	NV
16	9.3	2.0	13.9	11.2	11.5	11.8	12.4	13.5	12.8	65.3	1003.7	3.1	5.8	NV
17	13.1	10.6	14.1	12.1	12.1	12.2	12.3	13.3	12.7	95.0	1001.4	5.3	8.3	S
18	13.5	12.2	14.6	12.9	12.9	12.9	12.8	13.1	12.6	99.2	994.1	4.0	8.4	S
19	12.6	10.0	16.3	13.0	13.0	13.1	13.0	13.1	12.5	84.5	990.9	4.2	7.3	S
20	11.8	10.0	13.0	12.3	12.4	12.6	12.7	13.2	12.5	96.8	981.8	5.1	8.5	S
21	10.1	8.4	12.7	12.1	12.2	12.4	12.5	13.1	12.4	94.3	972.5	2.1	5.0	S
22	9.6	5.1	14.2	12.0	12.1	12.2	12.3	12.9	12.4	86.1	978.9	1.1	4.1	N
23	9.5	4.9	16.3	11.6	11.7	11.9	12.1	12.8	12.3	83.2	977.7	1.1	3.5	NØ
24	9.7	4.6	18.0	11.0	11.2	11.4	11.8	12.7	12.2	85.2	984.1	1.2	6.5	Ø
25	9.8	3.5	15.6	11.1	11.2	11.4	11.6	12.6	12.1	84.4	992.3	1.1	4.2	Ø
26	9.8	2.9	14.5	10.9	11.1	11.3	11.5	12.4	12.1	86.3	993.6	2.2	7.1	S
27	13.1	10.1	17.2	11.5	11.6	11.7	11.7	12.3	12.0	63.1	985.0	5.8	8.6	V
28	10.1	3.2	16.3	10.4	10.6	10.9	11.3	12.2	11.9	69.3	991.8	2.1	4.6	NV
29	8.7	2.7	14.3	9.8	10.1	10.3	10.8	12.0	11.8	81.4	1001.1	2.1	6.3	N
30	7.0	1.0	15.3	9.2	9.4	9.7	10.3	11.8	11.7	83.9	1010.7	0.8	2.2	NØ
Mid.	11.9	7.0	16.8	12.7	12.8	12.9	13.0	13.5	12.7	84.4	996.9	2.7	6.1	

Høyeste temperatur: 21.8
 Laveste temperatur: 1.0
 Normal temperatur (1931-1960): 10.9
 Normal temperatur (1961-1990): 10.6

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) *
	MJ/m2			%						E/m2			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	8.75	6.11	4.93	5.7	11.6	23.3	7.8	51.6	19.6	0.25	0.09		0.0
02	14.40	4.24	8.04	5.0	11.4	23.6	6.7	53.3	32.1	0.22	0.11		0.1
03	10.80	5.70	5.61	5.4	11.9	23.1	6.8	52.8	24.1	0.24	0.14		0.1
04	10.93	8.26	6.24	5.2	11.6	23.0	7.3	52.9	24.0	0.24	0.21		
05	10.58	6.04	6.29	5.5	11.9	23.5	7.2	51.8	24.0	0.25	0.45		
06	14.34	3.79	8.23	4.8	10.4	23.4	5.9	55.5	31.3	0.26	0.14		0.1
07	12.09	4.49	6.31	5.0	11.0	23.0	6.7	54.3	26.5	0.25	-0.31		0.0
08	14.50	2.87	7.26	4.8	10.1	23.8	5.5	55.9	31.8	0.22	-0.29		0.0
09	11.83	3.91	6.54	4.8	10.8	22.4	7.1	54.9	25.7	0.24	-0.01		0.0
10	14.44	1.87	7.71	4.7	10.4	23.4	5.0	56.4	31.9	0.26	-0.17		0.1
11	3.31	3.09	1.72	6.3	11.9	21.5	9.5	50.8	7.3	0.23	-0.07		
12	6.62	5.18	3.07	5.9	12.1	23.9	6.8	51.2	14.9	0.24	0.06		
13	5.55	4.37	2.51	5.9	12.3	24.2	6.6	51.0	12.6	0.24	-0.09		1.5
14	12.16	4.15	5.58	5.2	10.1	23.7	5.3	55.7	26.5	0.25	-0.22		8.8
15	7.74	4.40	3.82	5.4	11.1	24.8	5.8	52.9	17.3	0.22	-0.30		21.0
16	13.36	2.02	5.73	4.8	9.1	22.8	4.7	58.6	28.6	0.24	-0.55		9.4
17	1.13	1.09	0.29	8.0	16.1	26.7	11.9	37.4	2.9	0.17	-0.05		0.0
18	1.27	1.24	0.43	7.5	14.0	25.3	13.3	39.9	3.1	0.18	0.11		
19	11.47	3.40	4.97	5.0	10.0	23.7	4.3	56.9	25.1	0.26	0.00		
20	1.86	1.80	0.60	7.4	13.9	23.5	12.0	43.3	4.5	0.17	-0.22		34.7
21	3.89	3.38	1.17	6.8	13.5	23.5	7.8	48.4	8.9	0.22	-0.24		19.3
22	7.79	4.21	3.93	5.5	11.4	22.7	7.5	53.0	17.2	0.25	-0.15		7.5
23	10.05	4.19	5.23	5.1	10.0	23.8	5.0	56.1	22.1	0.24	-0.22		0.9
24	6.15	4.34	3.18	5.5	11.4	23.5	7.3	52.3	13.5	0.22	-0.32		0.7
25	9.06	4.07	4.55	5.2	9.6	24.1	5.1	56.0	20.1	0.22	-0.20		
26	8.28	4.79	4.37	5.1	9.7	23.9	4.4	56.8	18.2	0.22	-0.24		
27	9.28	2.53	3.34	5.0	10.2	23.9	4.9	56.0	20.3	0.27	-0.16		0.7
28	9.70	2.06	4.05	4.8	8.4	23.4	3.7	59.7	21.0	0.24	-0.46		0.0
29	7.87	3.43	4.04	5.1	10.1	23.8	4.8	56.3	17.1	0.24	-0.50		0.0
30	9.89	1.34	4.98	4.7	8.7	23.4	3.9	59.3	21.7	0.26	-0.58		0.0
Sum	269.1	112.4	134.7						594.0		-4.04		104.9
Mid.	8.97	3.75	4.49	5.5	11.2	23.6	6.7	53.0	19.8	0.23	-0.13		

Normal nedbør (1931-60): 86 mm
 Normal nedbør (1961-90): 90 mm
 * Nedbør er registrert manuelt kl. 8 på hverdager.

Meteorologiske data for Ås
Oktober 2004

11

DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	6.4	-0.2	11.9	8.6	8.9	9.2	9.9	11.5	11.6	92.0	1013.2	0.8	2.4	N
02	9.4	7.7	11.3	9.5	9.6	9.8	10.0	11.3	11.5	84.1	1006.1	3.0	6.9	Ø
03	9.9	8.8	12.7	10.1	10.1	10.2	10.3	11.2	11.4	96.4	1001.8	2.6	5.5	SØ
04	10.7	8.9	12.5	10.3	10.3	10.4	10.4	11.1	11.3	96.9	995.3	5.6	9.5	SØ
05	9.5	6.4	11.4	10.0	10.1	10.3	10.5	11.1	11.2	94.8	992.6	3.1	5.4	S
06	9.7	7.7	12.1	10.3	10.4	10.5	10.5	11.1	11.1	95.7	989.2	3.2	6.2	SØ
07	9.2	7.3	11.9	10.2	10.3	10.4	10.5	11.1	11.0	95.6	990.2	2.6	4.5	SØ
08	7.3	2.3	10.3	9.5	9.8	10.0	10.3	11.1	10.9	71.3	999.4	3.8	7.2	N
09	3.7	-1.0	10.9	7.4	7.8	8.3	9.3	10.9	10.9	81.0	1007.6	1.2	3.5	NV
10	4.0	-1.1	9.8	7.0	7.4	7.7	8.5	10.5	10.8	87.0	1013.8	0.8	2.2	NØ
11	5.1	0.7	9.9	7.2	7.5	7.8	8.4	10.2	10.7	78.0	1020.5	2.4	5.5	SØ
12	2.2	-1.9	6.2	6.0	6.4	6.9	7.8	9.9	10.5	96.0	1020.9	1.1	2.9	SØ
13	3.2	-1.7	7.0	6.0	6.3	6.6	7.4	9.6	10.4	92.3	1013.8	1.3	3.6	Ø
14	5.5	3.1	7.5	6.6	6.8	7.0	7.5	9.3	10.2	92.2	1005.2	1.4	2.5	NØ
15	6.2	5.0	7.3	7.1	7.2	7.4	7.7	9.2	10.1	95.4	1000.1	2.4	3.5	NØ
16	7.1	6.4	7.7	7.5	7.6	7.7	7.9	9.2	9.9	98.7	994.8	2.5	3.3	NØ
17	7.6	6.1	8.2	7.8	7.9	8.0	8.1	9.2	9.8	90.9	991.7	4.1	5.9	NØ
18	6.5	3.1	7.7	7.5	7.7	7.8	8.1	9.2	9.7	89.8	987.8	4.2	6.5	N
19	5.8	1.9	8.7	6.9	7.1	7.3	7.7	9.1	9.6	91.6	998.8	1.7	4.4	N
20	6.0	5.3	7.1	7.5	7.6	7.7	7.9	8.9	9.5	93.9	1002.7	1.8	4.0	Ø
21	6.9	5.6	9.4	7.4	7.5	7.6	7.9	8.9	9.4	96.8	988.4	3.7	8.5	Ø
22	9.0	7.6	10.2	7.8	7.9	7.9	8.0	8.9	9.3	89.7	983.3	4.9	7.8	S
23	5.1	1.7	7.2	7.3	7.5	7.6	7.9	8.9	9.3	98.5	983.8	1.0	2.9	NØ
24	6.8	5.7	8.1	7.8	7.9	8.0	8.0	8.9	9.2	93.6	987.9	1.2	2.5	N
25	7.7	5.6	10.4	7.9	7.9	8.0	8.1	8.9	9.2	96.9	983.7	2.2	5.2	Ø
26	5.6	-0.4	8.8	7.8	8.0	8.1	8.2	8.8	9.1	97.1	986.7	1.4	4.0	NV
27	0.5	-3.2	8.1	4.8	5.4	6.0	7.1	8.8	9.0	95.4	999.0	0.6	1.7	Ø
28	-0.3	-3.8	1.8	3.9	4.4	4.8	5.9	8.4	9.0	98.6	1000.8	1.2	2.3	N
29	3.6	1.8	5.2	5.1	5.2	5.4	5.9	7.9	8.9	95.3	1000.3	1.9	3.3	N
30	4.5	3.8	5.0	5.5	5.7	5.8	6.2	7.8	8.7	90.4	1003.0	3.0	4.2	NØ
31	4.6	0.6	7.3	5.3	5.5	5.7	6.1	7.7	8.6	92.2	1001.2	2.0	4.7	S
Mid.	6.1	3.2	8.8	7.5	7.7	7.9	8.3	9.6	10.1	92.2	998.8	2.3	4.6	

Høyeste temperatur: 12.7

Laveste temperatur: -3.8

Normal temperatur (1931-1960): 5.7

Normal temperatur (1961-1990): 6.2

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) *	
	MJ/m2			%						E/m2				Albedo
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par					
01	6.75	4.75	3.53	5.4	9.4	24.5	4.1	56.6	14.9	0.20	-0.57		0.0	
02	4.63	3.37	2.30	5.7	10.8	23.7	5.2	54.7	10.2	0.24	-0.19			
03	4.31	2.92	1.40	5.4	11.3	22.8	5.9	54.7	9.7	0.29	-0.04			
04	1.59	1.54	0.18	7.2	14.7	24.2	10.6	43.4	3.9	0.24	-0.04		23.7	
05	4.39	4.47	0.92	5.8	9.1	24.2	4.3	56.6	9.5	0.23	-0.20		24.6	
06	4.15	4.16	1.22	6.2	13.1	22.0	6.7	51.9	9.2	0.27	-0.06		7.4	
07	4.98	5.01	2.12	6.2	11.2	23.0	5.0	54.6	10.7	0.23	-0.10		4.2	
08	7.95	2.36	2.54	4.7	7.4	23.4	2.3	62.2	16.6	0.29	-0.55		0.9	
09	7.99	1.74	2.81	4.7	7.0	22.8	3.5	62.0	16.7	0.25	-0.97			
10	5.80	3.78	2.67	5.5	10.1	23.3	6.6	54.5	12.4	0.20	-0.66			
11	6.05	3.15	1.79	5.0	8.9	23.4	2.3	60.5	12.9	0.24	-0.54		0.2	
12	2.46	2.36	0.22	6.7	11.7	21.8	9.3	50.5	5.4	0.22	-0.89		0.0	
13	5.42	3.64	1.79	5.1	7.6	20.0	3.5	63.7	11.1	0.26	-0.64		0.5	
14	1.30	1.25	0.10	7.0	14.7	23.3	7.4	47.7	2.9	0.15	-0.35		0.1	
15	1.33	1.29	0.47	7.3	15.7	23.2	8.4	45.3	3.0	0.20	-0.20		0.0	
16	0.96	0.94	0.31	7.1	15.4	24.1	10.1	43.2	2.3	0.17	-0.12			
17	1.00	0.99	0.32	8.0	18.3	24.8	5.9	42.9	2.4	0.21	-0.14			
18	1.69	1.67	0.27	6.5	12.1	24.8	8.8	47.8	3.8	0.22	-0.31		9.7	
19	2.91	2.52	1.39	6.0	11.3	23.7	6.8	52.2	6.2	0.18	-0.39		0.6	
20	2.10	2.06	0.93	6.9	11.7	24.0	7.3	50.2	4.6	0.24	-0.15		0.1	
21	1.06	1.04	-0.42	7.6	16.9	25.3	9.6	40.6	2.5	0.22	-0.24		7.0	
22	3.31	2.04	0.63	5.4	8.9	25.1	1.8	58.8	7.0	0.25	-0.03		15.1	
23	2.02	2.01	0.88	6.0	11.1	19.0	10.0	53.8	4.0	0.18	-0.30			
24	1.60	1.60	0.79	7.1	12.9	23.5	8.1	48.3	3.5	0.20	-0.06			
25	0.86	0.82	0.31	7.8	13.4	23.7	11.2	44.0	2.1	0.22	-0.08		0.7	
26	3.57	2.58	1.74	5.5	11.8	18.9	6.6	57.2	7.9	0.23	-0.24		27.0	
27	4.79	1.60	1.09	4.5	4.0	21.9	3.7	65.9	9.3	0.25	-1.30		4.4	
28	2.21	1.94	0.45	5.9	13.2	24.0	3.4	53.5	4.4	0.14	-1.00		0.5	
29	1.53	1.50	0.41	7.0	13.4	23.9	6.9	48.7	3.3	0.23	-0.32		0.6	
30	1.10	1.10	0.10	7.0	14.8	23.2	8.4	46.6	2.5	0.18	-0.28		0.0	
31	2.32	2.01	-0.73	6.0	11.6	24.3	3.8	54.2	5.0	0.24	-0.39		0.0	
Sum	102.1	72.2	32.5						219.9		-11.36		127.3	
Mid.	3.29	2.33	1.05	6.2	11.7	23.2	6.4	52.5	7.1	0.22	-0.37			

Normal nedbør (1931-60): 86 mm

Normal nedbør (1961-90): 100 mm

* Nedbør er registrert manuelt kl. 8 på hverdager.

Meteorologiske data for Ås
November 2004

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DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)								Mid (m/s)	Max (m/s)	Retn.
	Mid	Min	Max	2	5	10	20	50	100					
01	3.1	-1.8	8.3	4.5	4.9	5.2	5.9	7.6	8.5	88.0	1007.3	0.9	2.8	NØ
02	0.4	-4.1	3.7	3.2	3.7	4.1	5.1	7.4	8.4	99.3	1015.9	0.7	2.6	SØ
03	4.9	2.1	7.7	4.8	4.9	5.0	5.2	7.1	8.3	96.5	1010.2	1.3	3.3	SØ
04	8.9	5.8	10.0	6.6	6.4	6.3	6.1	7.0	8.1	97.3	997.1	4.6	8.2	S
05	4.8	-1.6	8.5	5.7	6.0	6.2	6.5	7.2	8.0	84.4	991.4	2.2	5.4	S
06	3.8	-2.8	10.5	3.7	4.2	4.6	5.5	7.3	7.9	74.8	1001.2	2.6	6.6	N
07	2.4	-3.1	6.9	3.1	3.5	3.9	4.8	7.0	7.9	91.9	1006.5	1.5	3.8	S
08	3.1	1.3	4.2	4.1	4.3	4.4	4.8	6.7	7.8	99.8	1006.3	1.0	2.3	N
09	5.2	2.2	6.8	4.9	5.0	5.1	5.2	6.7	7.7	93.2	1007.3	3.0	5.7	S
10	2.9	1.7	3.4	4.4	4.7	4.8	5.2	6.7	7.6	97.7	1005.3	2.1	4.0	N
11	5.2	3.2	8.1	4.9	5.0	5.1	5.2	6.7	7.5	96.1	1001.4	4.4	11.0	S
12	7.5	-0.1	11.1	5.8	5.9	5.9	5.8	6.6	7.4	73.2	983.3	5.6	8.9	S
13	2.0	-2.8	6.3	2.8	3.4	3.9	5.0	6.7	7.3	61.7	999.2	2.4	5.7	NV
14	3.6	-2.2	9.3	2.2	2.6	2.9	3.9	6.5	7.3	83.1	1001.7	4.4	10.8	S
15	7.7	1.9	11.6	4.3	4.4	4.5	4.5	6.2	7.2	66.7	988.3	5.0	9.5	V
16	1.1	-4.6	4.6	1.8	2.5	3.0	4.0	6.2	7.1	60.7	999.0	2.1	5.3	V
17	-3.1	-6.4	-1.1	0.7	1.3	1.8	3.0	5.8	7.0	89.1	991.3	1.8	4.7	SØ
18	-4.5	-13.4	-0.7	0.7	1.2	1.6	2.5	5.5	6.9	84.0	979.5	3.0	8.2	NV
19	-11.5	-15.0	-5.7	1.0	1.3	1.6	2.4	5.2	6.7	96.7	989.9	0.6	1.8	Ø
20	-6.9	-12.3	-0.6	0.8	1.2	1.5	2.3	4.9	6.6	84.1	995.7	1.2	2.8	NV
21	-9.8	-13.2	-3.6	0.6	1.0	1.3	2.1	4.6	6.4	95.7	1003.9	0.7	2.0	Ø
22	-2.5	-9.9	0.2	0.6	0.9	1.2	1.9	4.5	6.2	97.8	987.3	3.1	6.5	N
23	-3.4	-11.2	0.5	0.8	1.1	1.3	1.9	4.3	6.1	80.7	1006.7	3.5	7.1	N
24	-3.3	-13.0	3.9	0.9	1.2	1.4	2.0	4.2	5.9	97.8	1011.8	2.9	7.6	S
25	0.0	-3.6	3.8	1.1	1.3	1.5	2.0	4.2	5.8	99.9	1003.2	1.1	2.3	N
26	-0.8	-4.1	1.0	1.4	1.6	1.8	2.2	4.1	5.7	98.1	1002.7	2.2	4.3	NØ
27	-4.0	-5.3	-2.5	1.5	1.8	1.9	2.3	4.3	5.6	95.6	1001.7	1.7	4.3	N
28	-3.1	-5.8	-2.2	1.6	1.9	2.0	2.4	4.5	5.5	99.7	1000.4	1.6	3.0	N
29	-5.9	-9.8	-3.9	1.6	1.9	2.0	2.4	4.4	5.4	98.5	1002.1	1.3	3.6	N
30	-1.5	-3.8	1.1	1.7	1.9	2.0	2.4	4.5	5.3	100.0	998.2	1.6	3.8	S
Mid.	0.2	-4.4	3.7	2.7	3.0	3.3	3.8	5.8	7.0	89.4	999.9	2.3	5.3	

Høyeste temperatur: 11.6

Laveste temperatur: -15.0

Normal temperatur (1931-1960): 0.9

Normal temperatur (1961-1990): 0.4

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) **
	MJ/m2			* %					E/m2	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	3.24	1.16	-1.34	5.5					7.0	0.26	-0.72		0.0
02	3.61	1.30	1.38	4.9					7.3	0.18	-0.89		0.0
03	2.03	1.84	0.69	5.8					4.3	0.26	-0.09		0.1
04	0.80	0.80	-0.32	6.6					1.8	0.25	0.34		3.2
05	3.38	1.71	-2.04	4.8					6.9	0.25	-0.41		4.1
06	3.27	0.79	-1.99	4.9					6.8	0.27	-0.91		
07	3.22	1.03	-0.84	4.8					6.5	0.22	-0.82		
08	1.11	1.08	0.26	7.1					2.3	0.20	-0.28		2.8
09	0.84	0.82	-0.41	6.8					1.9	0.26	-0.09		0.4
10	0.35	0.38	-0.25	8.5					0.8	0.07	-0.38		0.7
11	0.99	0.94	0.12	5.8					2.0	0.28	-0.09		5.3
12	1.11	0.96	-3.16	7.1					2.4	0.29	-0.05		0.0
13	2.54	0.77	-3.68	4.9					5.1	0.15	-1.19		0.0
14	0.91	0.92	-2.36	6.2					1.8	0.11	-0.75		0.0
15	1.51	1.14	-4.15	6.0					3.1	0.28	-0.10		0.0
16	2.23	1.28	-4.49	5.0					4.5	0.13	-1.15		0.0
17	0.81	0.81	-1.61	6.5					1.6	-0.31	-1.13		0.0
18	1.46	1.23	-1.64	6.7					3.2	0.99	-0.75		5.2
19	2.37	1.85	-1.43	4.7					4.5	0.64	-0.70		0.0
20	2.14	0.80	-2.12	5.3					4.4	0.70	-0.71		
21	1.98	0.73	-2.37	5.5					4.1	0.59	-0.72		
22	0.59	0.58	-0.63	9.3					1.5	0.81	-0.64		6.0
23	1.85	0.52	-3.62	5.6					3.8	0.91	-0.50		2.8
24	0.70	0.62	-0.57	7.2					1.5	0.46	-0.48		0.0
25	0.72	0.73	-0.21	6.8					1.5	0.75	-0.37		2.5
26	0.36	0.26	-0.19	8.1					1.0	0.98	-0.30		7.0
27	1.22	0.99	-0.20	6.6					2.6	0.82	-0.29		
28	0.78	0.68	-0.03	8.7					1.9	0.85	-0.31		
29	1.43	1.21	-0.40	6.1					3.1	0.80	-0.32		18.5
30	0.85	0.82	-1.49	7.7					1.9	0.87	-0.33		0.2
Sum	48.4	28.7	-39.1						101.1		-15.13		58.8
Mid.	1.61	0.96	-1.30	6.3					3.4	0.44	-0.50		

Normal nedbør (1931-60): 83 mm

* Når innstrålingen er lav er usikkerhet i spektralstrålingen stor.

Normal nedbør (1961-90): 79 mm

** Nedbør er registrert manuelt kl. 8 på hverdager.

Meteorologiske data for Ås
Desember 2004

13

DATO	TEMPERATURER (°C)									FUKT. rf(%)	TRYKK (mbar)	VIND(10m)		
	Hytte			Jord(cm)					Mid (m/s)			Max (m/s)	Retn.	
	Mid	Min	Max	2	5	10	20	50						100
01	-1.9	-5.7	0.3	1.7	1.9	2.0	2.4	4.4	5.3	99.9	996.1	1.8	11.0	SØ
02	-3.0	-3.9	-1.4	1.6	1.9	2.1	2.4	4.4	5.2	99.5	994.4	4.2	15.1	N
03	-0.8	-3.4	1.3	1.6	1.9	2.1	2.4	4.3	5.2	99.3	1000.9	2.4	6.1	SØ
04	3.0	0.3	6.0	1.6	1.8	2.0	2.4	4.4	5.1	98.1	1000.2	2.9	6.4	S
05	6.1	4.3	8.1	1.6	1.7	1.9	2.2	4.2	5.0	81.8	991.0	4.2	10.2	NV
06	2.6	-1.5	7.4	1.2	1.5	1.7	2.1	4.0	4.9	89.0	1000.5	2.6	7.1	S
07	6.0	3.5	7.7	2.1	2.3	2.3	2.5	4.6	4.8	71.3	996.0	5.0	7.6	SV
08	0.7	-4.3	6.0	0.9	1.3	1.6	2.2	4.2	4.8	79.6	1009.1	1.3	4.3	Ø
09	-1.9	-4.3	-0.3	0.3	0.7	1.0	1.7	4.2	4.7	99.7	1011.6	0.6	1.8	Ø
10	2.0	-0.4	3.9	0.4	0.7	0.9	1.5	3.6	4.7	97.7	1008.4	2.4	7.6	S
11	-0.8	-3.7	2.6	0.6	0.9	1.1	1.6	3.4	4.6	96.7	1007.3	1.0	5.5	Ø
12	-0.9	-3.6	2.7	0.3	0.6	0.8	1.4	3.4	4.6	95.0	1011.8	0.7	1.7	Ø
13	-2.6	-4.6	-0.3	0.1	0.4	0.6	1.3	3.3	4.5	99.4	1013.8	0.7	2.0	N
14	4.2	-1.1	7.6	0.3	0.5	0.7	1.2	3.5	4.4	97.0	1002.2	6.6	11.6	S
15	6.3	0.5	8.5	2.8	2.6	2.5	2.2	3.4	4.3	88.6	988.6	4.6	10.1	S
16	5.3	1.5	7.4	2.5	2.4	2.5	2.4	3.8	4.3	91.4	982.1	6.1	10.8	S
17	4.1	1.8	6.4	3.2	3.3	3.4	3.1	3.7	4.2	91.6	963.2	4.7	8.2	S
18	-0.2	-4.4	2.9	1.3	1.7	2.1	2.6	4.2	4.3	78.6	975.2	1.8	4.5	NV
19	-3.2	-6.6	-0.9	0.3	0.7	1.0	1.8	4.3	4.3	73.3	988.0	1.8	4.2	NV
20	-8.2	-10.3	-4.7	-0.2	0.3	0.6	1.4	3.6	4.3	98.6	1000.0	0.6	1.6	Ø
21	-3.0	-6.2	1.0	-0.3	0.1	0.4	1.1	3.5	4.3	97.3	1002.4	1.7	5.2	S
22	3.8	-1.2	6.3	-0.1	0.1	0.4	1.0	3.4	4.2	86.4	976.7	6.1	12.1	S
23	2.6	-1.1	6.0	-0.1	0.1	0.4	0.9	3.3	4.1	76.5	966.2	4.1	7.8	V
24	-2.2	-5.7	0.4	-0.2	0.1	0.3	0.9	3.6	4.0	68.0	973.9	2.6	7.6	S
25	-2.5	-4.8	-1.4	-0.2	0.1	0.3	0.9	3.3	3.9	94.4	972.3	3.7	6.5	N
26	-5.6	-13.4	-1.8	-0.1	0.1	0.3	0.9	3.0	3.9	95.2	993.9	1.5	3.4	N
27	-3.8	-9.4	2.1	-0.1	0.1	0.3	0.8	3.3	3.8	100.0	998.8	2.1	4.9	S
28	1.3	-1.1	3.0	-0.1	0.1	0.3	0.8	2.7	3.7	98.1	986.7	5.1	7.3	S
29	-1.3	-4.9	2.7	-0.1	0.1	0.3	0.8	2.9	3.7	98.6	998.9	2.6	10.4	S
30	4.9	1.5	7.4	-0.1	0.1	0.3	0.8	3.2	3.6	93.1	990.4	5.6	14.4	S
31	-1.5	-7.1	2.5	-0.1	0.1	0.3	0.8	2.7	3.5	90.2	1000.7	1.2	5.0	Ø
Mid.	0.3	-3.2	3.2	0.7	1.0	1.2	1.6	3.7	4.4	91.1	993.6	3.0	7.2	

Høyeste temperatur: 8.5

Laveste temperatur: -13.4

Normal temperatur (1931-1960): -2.3

Normal temperatur (1961-1990): -3.4

DATO	STRÅLING										Jord- varmeflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) **
	MJ/m2			* %					E/m2				
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par	Albedo			
01	1.09	0.98	0.15	7.0		44.6		48.4	2.2	0.72	-0.33		0.5
02	0.68	0.69	-0.07	8.1		45.7		46.2	1.5	0.74	-0.34		0.0
03	0.94	0.83	-0.61	7.3		39.3		53.4	2.1	0.87	-0.34		0.4
04	0.28	0.26	0.03	8.6		57.1		34.3	0.6	0.83	-0.35		
05	0.55	0.45	-2.21	9.4		49.3		41.3	1.3	0.49	-0.32		
06	1.06	0.98	-1.22	5.2		28.4		66.5	2.0	0.04	-0.38		2.6
07	0.89	0.56	-4.89	6.9		20.7		72.4	1.9	0.26	-0.08		0.0
08	1.01	0.93	-3.41	5.0		25.2		69.8	1.8	0.08	-0.67		0.0
09	0.38	0.41	-0.90	6.9		39.3		53.8	0.8	0.09	-0.63		0.0
10	0.39	0.39	0.10	7.8		41.8		50.4	0.9	0.30	-0.40		0.0
11	0.78	0.65	-1.63	4.6		27.6		67.7	1.4	0.30	-0.45		
12	1.02	0.93	-1.98	5.4		24.3		70.3	2.1	0.14	-0.50		
13	0.95	0.91	-1.45	5.9		13.1		81.0	2.0		-0.51		0.1
14	0.13	0.15	0.08	7.6		46.9		45.4	0.3	0.92	-0.31		1.0
15	0.20	0.13	-2.04	7.5		61.6		30.9	0.4	0.39	0.38		0.4
16	0.14	0.19	-0.54	7.2		36.0		56.8	0.3		0.13		0.0
17	0.60	0.49	-2.34	5.5		32.9		61.6	1.2	0.21	0.03		10.4
18	0.39	0.41	-3.40	6.5		33.8		59.7	0.7	0.41	-0.67		
19	0.83	0.60	-4.16	5.6		10.1		84.3	1.5		-0.75		
20	1.36	0.58	-1.90	3.4		11.6		85.0	1.8	0.17	-0.67		0.1
21	0.36	0.38	-0.29	7.7		38.3		54.0	0.8	0.25	-0.57		0.0
22	0.22	0.18	-2.12	7.9		57.8		34.3	0.5	0.57	-0.49		1.5
23	0.41	0.37	-3.09	6.9		49.2		43.9	0.9		-0.44		1.2
24	1.02	0.88	-4.33	4.4		18.7		76.9	1.7	0.27	-0.42		
25	0.39	0.43	-0.92	5.9		30.3		63.8	0.6	0.28	-0.42		
26	0.63	0.51	-1.00	8.5		28.6		62.9	1.4		-0.40		
27	0.81	0.71	-0.43	6.9		35.5		57.6	1.7	0.77	-0.39		11.0
28	0.20	0.20	0.13	7.6		54.3		38.1	0.5	0.34	-0.37		2.2
29	0.63	0.59	-0.41	7.5		48.0		44.5	1.4	0.83	-0.35		8.0
30	0.62	0.49	-1.77	6.1		38.6		55.3	1.3	0.22	-0.34		0.0
31	1.26	0.74	-4.10	4.6		7.5		87.9	2.4		-0.33		0.0
Sum	20.2	17.0	-50.7						39.9		-11.66		39.4
Mid.	0.65	0.55	-1.64	6.6		35.4		58.0	1.3		-0.38		

Normal nedbør (1931-60): 72 mm

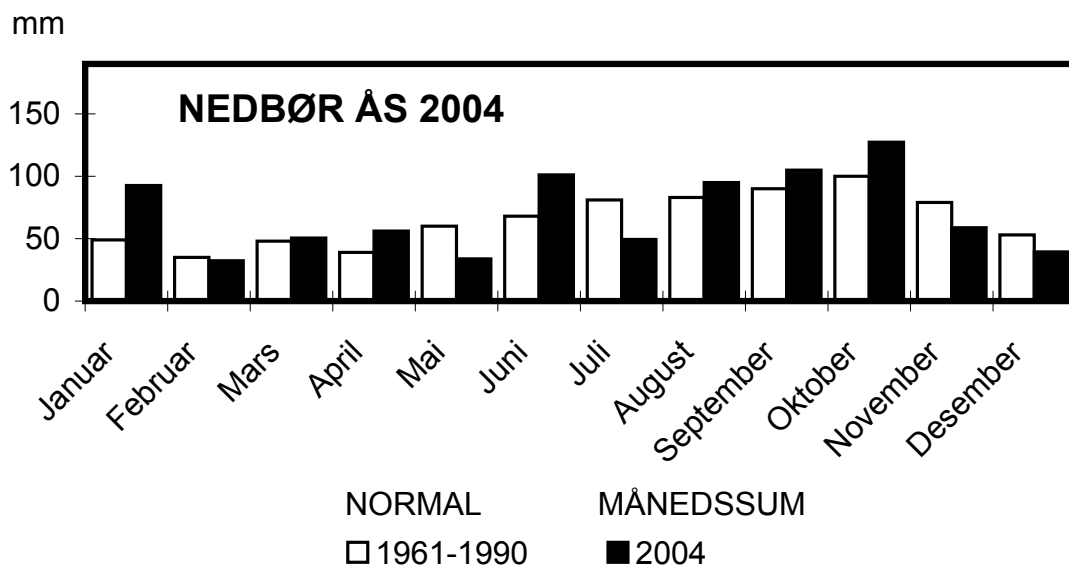
* Når innstrålingen er lav er usikkerhet i spektralstrålingen stor.

Normal nedbør (1961-90): 53 mm

** Nedbør er registrert manuelt kl. 8 på hverdager.

NEDBØR 2004 OG NORMAL 1961-90

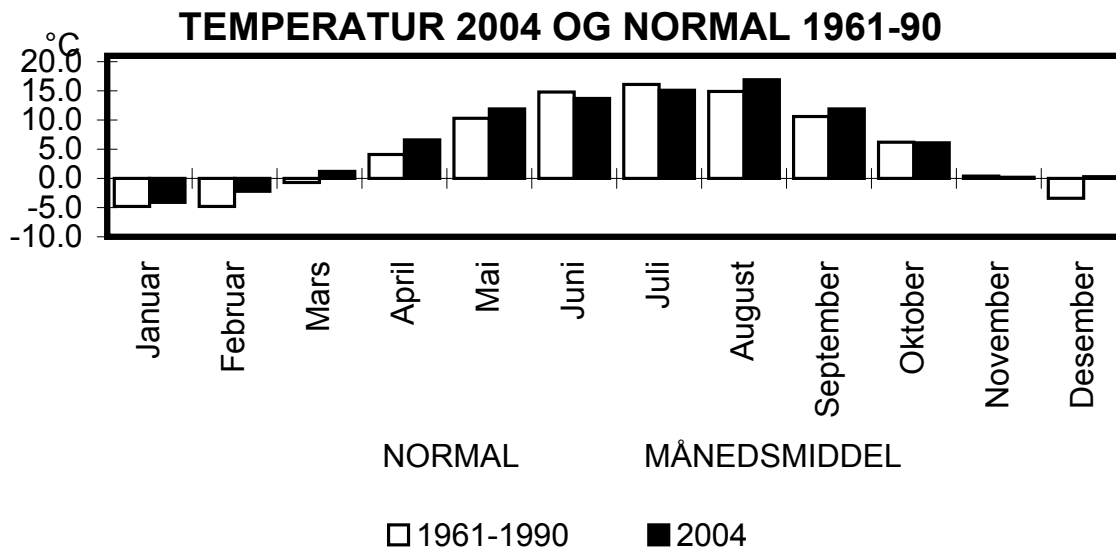
Måned	Nedbør mm	
	1961-1990	2004
Januar	49	92.6
Februar	35	32.3
Mars	48	50.5
April	39	56.1
Mai	60	33.8
Juni	68	101.1
Juli	81	49.4
August	83	95.0
September	90	104.9
Oktober	100	127.3
November	79	58.8
Desember	53	39.4
Året	785	841.2



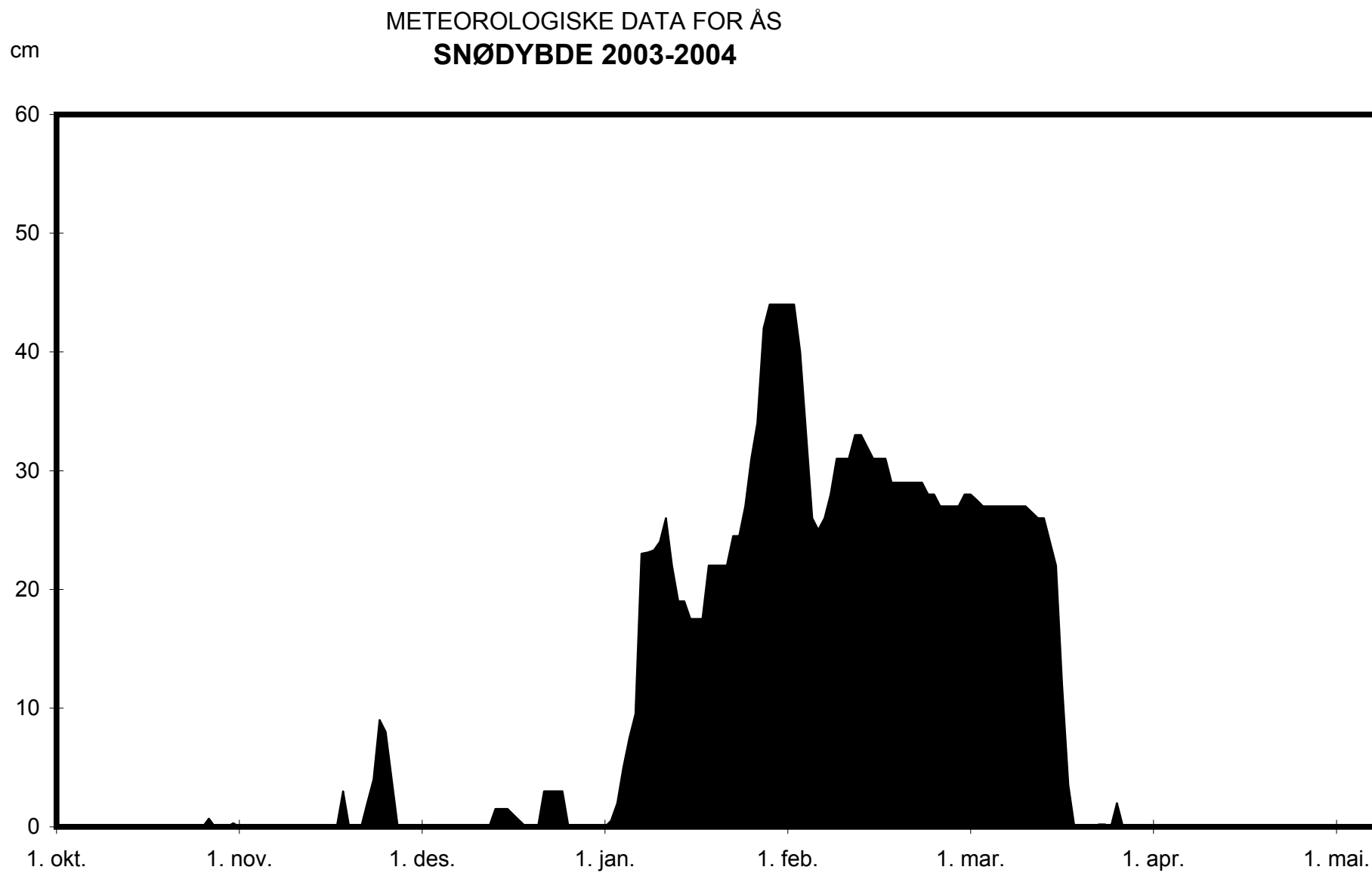
Figur 1.

TEMPERATUR 2004 OG NORMAL 1961-90

Måned	Temperatur °C	
	1961-1990	2004
Januar	-4.8	-4.1
Februar	-4.8	-2.2
Mars	-0.7	1.2
April	4.1	6.6
Mai	10.3	11.9
Juni	14.8	13.7
Juli	16.1	15.1
August	14.9	16.9
September	10.6	11.9
Oktober	6.2	6.1
November	0.4	0.2
Desember	-3.4	0.3
Året	5.3	6.5



Figur 2.



Figur 3.