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Department of Agricultural Engineering  
1432 ÅS

METEOROLOGISKE  
DATA FOR ÅS  
2001

## VÆRET PÅ ÅS 2001.

Søråsfeltet: Breddegrad: 59° 40', Lengdegrad : 10° 51', m.o.h : 93.3

År 2001 var ikke året med de store rekorder.

Den årlige temperaturvariasjon lå nær opptil et normalår, og årsmiddeltemperaturen var bare 0.1 °C høyere enn klimanormalen for 1961 – 90.

Den totale nedbørsmengden var 106mm høyere enn normalt. Mest nedbør fikk vi i oktober ( 143mm ), men også januar og april var svært nedbørsrike med 126mm og 102mm nedbør, langt over normalen på henholdsvis 49mm og 39mm. Nedbøren i sommerperioden var nær opptil et normalår.

Måle og loggerrutiner:

Loggesystemet foretar en avlesning av alle variable hvert tiende sekund. Middelverdien for hvert 10. minutt lagres i databasen.

Lufttemperaturen og luftfuktighet er målt i standard meteorologisk hytte 2 m over bakken.

Jordtemperaturen er målt under grasplen. Vindhastigheten og vindretning er målt i 10m høyde. Kolonnen merket "max" m/s viser den maksimale vindhastigheten som er målt i løpet av døgnet.

*Forklaring til tabellene:*

I strålingstabellen er angitt døgnsummer ( $\text{MJ/m}^2$ ) 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  $\text{E/m}^2$  (Einstein pr. kvadratmeter) summert over døgnet, der  $\text{E/m}^2 = 6.02 \times 10^{23}$  fotoner/ $\text{m}^2$ . Albedo er forholdet mellom reflektert og innkommende globalstråling og måles over en grasplen. Kolonnen merket «jordvarmeflux» viser netto varmemengde ( $\text{MJ/m}^2$ ) 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 snødybden, figur 2. på side 15. månedlige nedbørsummer sammenlignet med normalen for perioden 1960 - 1990, og figur 3. på side 16. tilsvarende for månedsmiddeltemperaturen.

Meteorologiske data for Ås  
Januar 2001

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	-8.9	-17.9	-1.6	-0.3	-0.1	0.2	0.8	3.1	4.7	92.0	993.1	1.6	3.9	NØ
02	-1.9	-2.8	-0.4	-0.2	-0.1	0.3	0.8	3.0	4.6	100.0	985.0	1.7	2.6	N
03	1.5	-0.7	3.0	-0.2	-0.1	0.3	0.7	3.0	4.5	100.0	984.1	1.9	3.6	Ø
04	0.8	-0.9	2.3	-0.1	0.0	0.3	0.7	2.9	4.3	100.0	990.3	2.3	4.3	Ø
05	1.0	0.4	1.6	-0.1	0.0	0.3	0.7	2.8	4.2	100.0	986.4	2.2	3.3	Ø
06	1.8	0.7	2.6	-0.1	0.0	0.2	0.6	2.9	4.1	99.9	977.2	3.6	4.9	Ø
07	1.3	0.4	2.7	-0.1	0.0	0.3	0.6	3.0	3.9	100.0	983.3	1.0	3.1	S
08	-0.2	-3.6	0.9	-0.1	0.0	0.4	0.7	3.0	3.9	100.0	986.4	0.8	2.2	NV
09	-3.3	-7.2	-1.2	-0.1	0.1	0.3	0.7	3.0	3.7	95.1	993.8	2.0	3.8	NV
10	-7.4	-9.9	-3.2	-0.1	0.1	0.4	0.7	3.0	3.7	89.6	1002.2	1.0	3.2	Ø
11	-5.0	-9.6	-0.1	-0.3	0.0	0.3	0.7	3.2	3.6	97.4	1005.1	0.8	2.6	Ø
12	-4.9	-8.2	-0.7	-0.3	0.0	0.3	0.7	3.3	3.6	98.6	1016.5	0.7	2.3	Ø
13	-8.0	-12.3	-4.3	-0.5	0.0	0.2	0.7	3.3	3.6	99.9	1022.0	0.7	1.7	NØ
14	-11.5	-14.9	-7.8	-0.9	-0.2	0.1	0.6	3.1	3.5	98.0	1023.4	2.7		Ø
15	-13.7	-16.2	-9.7	-1.2	-0.5	0.0	0.5	2.7	3.5	94.6	1021.2			SV
16	-12.8	-15.3	-11.2	-1.4	-0.8	-0.2	0.4	2.6	3.5	94.8	1019.3			SV
17	-13.5	-16.5	-10.8	-1.7	-1.0	-0.4	0.3	2.6	3.4	93.8	1018.4			NØ
18	-7.7	-12.3	-6.0	-1.4	-1.0	-0.5	0.2	2.4	3.3	98.6	1018.2	1.3	3.5	N
19	-8.3	-13.1	-5.8	-1.2	-0.9	-0.5	0.1	2.5	3.3	98.8	1018.6	1.7	3.4	N
20	-7.0	-8.8	-5.7	-1.3	-1.0	-0.5	0.1	2.3	3.3	97.5	1021.1	2.0	3.2	N
21	-4.2	-5.9	-2.5	-1.0	-0.8	-0.4	0.1	2.4	3.2	100.0	1020.4	1.3	2.4	N
22	-1.9	-5.3	-1.2	-0.7	-0.6	-0.3	0.1	2.5	3.1	99.0	1012.8	2.3	3.7	Ø
23	-2.0	-2.8	-1.0	-0.5	-0.4	-0.2	0.1	2.7	3.1	97.6	997.4	1.9	2.9	Ø
24	1.1	-1.0	4.2	-0.4	-0.3	-0.2	0.1	2.8	3.0	100.0	980.5	3.7	6.5	Ø
25	2.9	1.7	3.8	-0.2	-0.2	-0.1	0.2	2.5	3.0	100.0	985.7	4.4	6.8	S
26	2.2	1.8	3.0	-0.1	-0.1	0.0	0.2	2.4	2.9	100.0	986.7	3.3	5.5	SØ
27	1.1	0.6	1.8	-0.1	-0.1	0.0	0.2	2.3	2.9	100.0	986.3	1.9	3.7	SØ
28	0.7	0.2	1.3	-0.1	-0.1	0.0	0.2	2.4	2.8	99.5	990.9	1.0	2.7	S
29	-1.9	-6.6	0.4	-0.1	-0.1	0.1	0.2	2.2	2.7	97.6	1000.1	1.3	2.7	N
30	-5.1	-7.3	-3.4	-0.4	-0.1	0.0	0.2	2.2	2.7	100.0	1008.0	1.0	2.6	NØ
31	-5.1	-7.4	-3.5	-1.0	-0.4	-0.1	0.2	2.2	2.6	99.4	1012.3	1.5	3.7	NV
Mid.	-3.9	-6.5	-1.7	-0.5	-0.3	0.0	0.4	2.7	3.5	98.1	1001.5	1.8	3.5	

Høyeste temperatur: 4.2

Laveste temperatur: -17.9

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			* %								
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par			
01	0.32	0.28	0.10	9.4		59.5		31.1	0.7	0.77	-0.39	
02	0.53	0.52	-0.04	9.2		51.1		39.7	1.1	0.75	-0.27	16.3
03	0.24	0.24	0.22	9.1		69.1		21.8	0.6	0.83	-0.21	8.2
04	0.51	0.49	-0.29	9.3		55.5		35.2	1.1	0.75	-0.30	12.0
05	0.32	0.34	-0.02	9.4		44.7		45.9	0.7	0.67	-0.39	6.6
06	0.21	0.21	0.12	9.3		73.6		17.1	0.5	0.93	-0.39	
07	0.73	0.76	0.28	6.9		47.4		45.7	1.5	0.63	-0.37	
08	0.72	0.68	-0.14	7.9		48.8		43.3	1.5	0.72	-0.35	29.0
09	0.80	0.62	0.10	8.5		43.7		47.8	1.6	0.85	-0.33	1.6
10	1.41	0.83	-1.92	5.7		13.4		80.8	2.8	0.53	-0.34	0.1
11	1.20	0.75	-0.51	6.1		23.9		70.0	2.3	0.60	-0.38	0.0
12	0.99	0.99	-1.02	6.7		39.5		53.8	1.9	0.73	-0.38	0.2
13	1.28	0.98	-1.00	6.4		29.9		63.7	2.5	0.74	-0.34	
14	1.78	1.11	-0.55	4.9		23.5		71.6	3.2	0.54	-0.96	
15	1.40	1.07	-1.62	6.4		29.4		64.2	2.9	0.76	-1.20	0.4
16	0.87	0.73	-0.21	8.4		50.1		41.4	2.1	0.85	-1.12	0.0
17	1.78	0.75	-3.00	5.8		19.6		74.6	3.7	0.70	-1.17	0.0
18	0.55	0.56	-0.30	8.6		50.9		40.5	1.2	0.82	-0.76	0.1
19	1.31	0.93	-2.01	7.8		33.0		59.3	2.8	0.84	-0.63	0.5
20	0.65	0.67	-0.44	8.8		46.9		44.3	1.5	0.80	-0.61	
21	0.79	0.77	-1.04	8.1		49.7		42.2	1.7	0.81	-0.40	
22	0.82	0.85	-0.39	8.6		45.0		46.4	1.9	0.88	-0.28	0.9
23	0.43	0.43	-0.26	8.5		52.8		38.8	1.0	0.82	-0.18	4.3
24	0.36	0.34	0.04	8.7		62.4		28.9	0.9	0.94	-0.11	6.7
25	0.55	0.51	0.11	8.8		62.1		29.1	1.3	0.65	0.03	26.1
26	0.82	0.82	0.56	8.3		48.3		43.4	1.8	0.52	0.03	5.2
27	0.79	0.80	0.45	7.6		48.6		43.8	1.7	0.42	0.02	
28	1.08	1.09	0.43	7.9		47.0		45.1	2.2	0.37	0.01	
29	1.24	1.12	-0.46	0.8		51.4		47.8	2.6	0.38	0.01	7.7
30	1.65	1.34	0.08					55.5	3.5	0.34	-0.27	0.0
31	1.81	1.46	-0.51					48.7	3.6	0.45	-0.85	0.0
Sum	27.9	23.1	-13.2						58.5		-12.91	125.9
Mid.	0.90	0.74	-0.43	7.6		45.5		47.1	1.9	0.69	-0.42	

Normal nedbør (1931-60): 55 mm

Normal nedbør (1961-90): 49 mm

\* P. g. a. usikkerhet ved fordelingen når det er lite innstråling er blå, grønn/gul og rød slått sammen.

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

Meteorologiske data for Ås  
Februar 2001

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	-8.5	-12.3	-4.0	-2.5	-1.5	-0.6	0.1	2.0	2.6	64.2	1020.2	4.9	8.4	N
02	-11.6	-14.1	-10.4	-4.2	-2.9	-1.9	0.0	1.8	2.6	67.1	1019.3	4.3	6.1	N
03	-15.4	-17.8	-13.7	-6.1	-4.6	-3.4	-0.5	1.7	2.5	64.0	1013.2	4.2	6.2	NØ
04	-17.4	-19.2	-14.4	-8.0	-6.4	-5.1	-1.5	1.7	2.5	65.5	1010.3	2.7	4.0	N
05	-18.2	-20.3	-15.8	-9.1	-7.7	-6.4	-2.8	1.3	2.4	74.6	999.0	2.9	5.3	N
06	-12.9	-16.5	-8.9	-7.4	-6.6	-5.8	-3.3	1.2	2.4	79.6	988.8	4.4	5.7	N
07	-3.9	-9.0	4.2	-3.8	-3.7	-3.5	-2.5	1.1	2.3	96.1	979.1	3.7	8.6	N
08	-1.0	-5.2	1.7	-1.4	-1.5	-1.5	-1.5	1.0	2.2	93.5	983.2	2.0	5.4	N
09	-8.5	-13.1	-1.4	-2.9	-2.5	-2.0	-1.4	1.2	2.2	85.7	1002.1	1.0	2.6	N
10	-9.4	-15.9	-1.6	-3.8	-3.3	-2.8	-1.8	0.9	2.1	95.7	1018.3	1.2	4.7	NØ
11	0.3	-1.8	2.6	-2.4	-2.3	-2.1	-1.7	1.0	2.1	98.6	1004.2	4.2	6.5	SØ
12	3.8	0.4	6.6	-0.9	-1.1	-1.1	-1.2	1.1	2.0	83.6	995.1	3.5	6.1	S
13	0.7	-4.7	4.2	-0.9	-0.9	-0.7	-0.9	1.1	1.9	79.3	1012.5	1.3	3.6	S
14	2.3	-1.4	8.6	-0.9	-0.8	-0.7	-0.8	1.0	1.9	77.3	1011.4	1.4	4.3	Ø
15	0.0	-4.5	6.3	-1.6	-1.3	-0.9	-0.8	1.1	1.8	80.0	1008.9	1.3	3.5	SØ
16	-2.0	-6.4	4.9	-2.2	-1.8	-1.4	-1.0	1.2	1.8	76.9	1020.9	1.1	3.4	N
17	0.8	-5.1	5.9	-2.5	-2.2	-1.9	-1.3	1.3	1.8	69.8	1016.0	2.9	6.0	S
18	1.8	-3.2	7.9	-2.2	-1.9	-1.6	-1.3	1.0	1.8	70.5	1016.4	1.3	3.3	SØ
19	-1.6	-6.5	2.8	-2.5	-2.2	-1.9	-1.4	0.9	1.8	87.2	1010.1	1.2	3.8	NØ
20	0.3	-5.4	6.2	-2.3	-2.1	-1.9	-1.5	0.8	1.7	76.3	1001.3	3.4	8.8	SV
21	2.1	-2.9	5.5	-1.5	-1.4	-1.3	-1.2	0.8	1.7	46.6	988.4	5.3	9.3	NV
22	-2.0	-6.8	1.0	-2.6	-2.2	-1.8	-1.3	0.7	1.7	52.9	988.1	2.4	4.5	NV
23	-8.2	-9.2	-6.3	-3.3	-2.8	-2.3	-1.6	0.9	1.6	61.3	996.0	1.9	3.9	NØ
24	-6.5	-11.3	-1.5	-3.8	-3.4	-2.9	-2.0	1.0	1.6	80.4	991.6	2.7	5.5	SØ
25	-9.7	-13.0	-7.4	-4.0	-3.5	-3.1	-2.2	0.9	1.6	86.9	993.8	2.7	4.7	N
26	-10.4	-14.1	-7.9	-3.9	-3.5	-3.2	-2.3	0.8	1.6	87.6	994.3	1.5	3.0	N
27	-11.3	-17.7	-8.0	-3.8	-3.4	-3.1	-2.3	0.6	1.5	87.8	995.4	1.2	2.4	NØ
28	-12.0	-18.4	-8.9	-4.2	-3.8	-3.5	-2.5	0.5	1.4	88.8	996.2	2.5	4.1	N
Mid.	-5.7	-9.8	-1.5	-3.4	-2.9	-2.4	-1.5	1.1	2.0	77.8	1002.6	2.6	5.1	

Høyeste temperatur: 8.6

Laveste temperatur: -20.3

Normal temperatur (1931-1960): -4.6

Normal temperatur (1961-1990): -4.8

DATO	STRÅLING									Jord- varmefflux (MJ/m2)	Fordamp- ning (mm)	Nedbør (mm) **		
	MJ/m2			* %									E/m2 Par	Albedo
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød						
01	2.62	1.61	-4.62	5.6		24.6		69.8	4.9	0.43	-1.95		0.0	
02	2.42	2.17	-2.91	5.9		33.8		60.3	4.6	0.46	-2.31		0.0	
03	3.43	1.06	-5.55	5.0		19.6		75.4	6.2	0.48	-2.86		0.0	
04	3.43	1.23	-5.10	5.1		19.9		75.1	6.5	0.47	-2.98		0.0	
05	3.41	1.23	-3.39	5.2		24.3		70.5	6.8	0.46	-2.79		0.0	
06	1.42	1.38	-0.29	7.1		43.3		49.5	3.1	0.55	-1.58		7.2	
07	0.76	0.75	-0.63	8.5		55.7		35.8	1.8	0.85	-0.38		7.3	
08	1.66	1.61	-1.64	7.6		47.6		44.8	3.5	0.79	0.01		6.7	
09	4.44	1.46	-3.08	4.9		22.4		72.7	8.4	0.67	-0.76		0.0	
10	4.45	1.61	-1.37	4.8		25.4		69.8	8.3	0.65	-0.81			
11	0.71	0.69	-0.14	8.7		55.4		35.8	1.9	0.91	-0.15			
12	3.97	1.57	-1.53	5.6		34.9		59.6	8.1	0.72	0.48		14.0	
13	2.44	2.35	-0.75	6.2		43.3		50.5	5.3	0.64	0.14		0.0	
14	4.89	3.46	-1.34	4.8		37.2		57.9	10.0	0.62	-0.01		0.0	
15	4.46	2.73	-1.95	5.2		36.1		58.7	9.1	0.61	-0.43		0.0	
16	5.37	1.36	-2.60	4.8		29.3		65.9	10.8	0.63	-0.68		0.0	
17	3.07	2.85	-2.11	6.4		42.4		51.2	6.3	0.63	-0.49		0.0	
18	4.90	2.74	-1.76	5.1		33.8		61.0	10.2	0.60	-0.37		0.0	
19	3.61	2.74	-1.30	5.6		37.1		57.3	7.6	0.63	-0.51		0.0	
20	2.72	2.45	-1.65	6.2		44.6		49.2	5.8	0.62	-0.29		0.0	
21	6.29	1.63	-3.48	4.7		30.7		64.5	12.3	0.59	-0.10		0.0	
22	6.28	1.63	-1.74	4.8		31.0		64.1	12.5	0.52	-0.65		0.0	
23	5.06	3.23	-0.93	5.6		36.1		58.3	10.2	0.61	-0.80		0.0	
24	4.17	3.66	-1.19	5.8		41.7		52.5	8.7	0.64	-0.78			
25	4.02	3.83	-0.92	6.6		41.0		52.5	8.5	0.68	-0.77			
26	5.13	3.96	-0.79	5.8		40.2		54.0	10.6	0.76	-0.66		0.8	
27	5.15	3.31	-1.38	6.0		38.4		55.6	10.6	0.83	-0.56		1.3	
28	5.03	4.44	-0.41	6.0		41.3		52.7	10.7	0.74	-0.69		0.1	
Sum	105.3	62.7	-54.5						213.3		-23.75		37.4	
Mid.	3.76	2.24	-1.95	5.9		36.1		58.0	7.6	0.64	-0.85			

Normal nedbør (1931-60): 34 mm

\* P. g. a. usikkerhet ved fordelingen når det er lite innstråling er blå, grønn/gul og rød slått sammen.

Normal nedbør (1961-90): 35 mm

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

Meteorologiske data for Ås  
Mars 2001

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	-10.7	-12.9	-7.5	-3.5	-3.2	-2.9	-2.4	0.4	1.5	84.9	995.7	3.2	4.6	N
02	-10.5	-17.2	-5.6	-3.2	-3.0	-2.7	-2.2	0.3	1.4	80.4	991.6	3.0	5.0	N
03	-9.6	-17.4	-3.2	-3.4	-3.1	-2.9	-2.2	0.5	1.4	89.3	987.6	1.2	3.2	SV
04	-3.6	-11.8	1.0	-3.2	-3.0	-2.8	-2.3	0.8	1.3	86.7	989.6	4.3	9.4	S
05	-1.8	-9.4	2.2	-3.0	-2.8	-2.5	-2.1	0.5	1.3	79.8	999.3	4.9	10.9	S
06	3.6	-2.2	7.9	-1.4	-1.5	-1.6	-1.7	0.5	1.3	81.5	1002.7	4.5	11.8	S
07	-1.8	-5.3	0.7	-1.4	-1.3	-1.2	-1.3	0.5	1.3	96.9	1006.3	1.0	2.5	Ø
08	0.7	-1.9	2.4	-1.2	-1.2	-1.1	-1.2	0.4	1.2	84.8	999.1	1.3	2.3	Ø
09	0.9	0.4	1.9	-0.7	-0.7	-0.8	-1.0	0.5	1.2	96.4	989.9	2.0	3.5	NØ
10	2.5	1.5	3.5	-0.5	-0.5	-0.6	-0.8	0.5	1.2	100.0	984.6	2.1	3.5	S
11	2.1	1.0	3.1	-0.3	-0.4	-0.5	-0.7	0.6	1.2	100.0	986.3	1.6	3.4	S
12	2.0	0.2	3.0	-0.3	-0.3	-0.4	-0.6	0.6	1.1	100.0	981.5	2.0	4.1	N
13	1.7	0.2	3.9	-0.3	-0.3	-0.3	-0.6	0.7	1.1	94.1	980.6	3.0	6.0	S
14	1.4	0.5	2.5	-0.2	-0.3	-0.3	-0.5	0.6	1.2	98.1	984.0	0.9	2.2	SØ
15	0.5	-0.1	1.4	-0.2	-0.2	-0.2	-0.5	0.8	1.2	99.7	990.2	1.0	2.5	N
16	-0.3	-1.7	0.7	-0.2	-0.2	-0.3	-0.4	0.6	1.1	96.4	996.9	2.9	4.9	N
17	-4.5	-9.5	-1.7	-0.2	-0.2	-0.3	-0.4	0.6	1.1	74.2	1005.0	3.0	5.7	NØ
18	-8.6	-14.6	-1.6	-0.2	-0.2	-0.2	-0.4	0.8	1.2	74.9	1003.6	1.0	2.9	NØ
19	-8.8	-15.5	-2.1	-0.6	-0.4	-0.3	-0.4	0.6	1.2	72.3	1002.6	1.8	5.1	N
20	-6.7	-15.6	2.2	-1.1	-0.8	-0.5	-0.4	0.7	1.2	71.2	1002.5	1.1	2.8	NØ
21	-4.7	-13.4	5.0	-1.3	-1.0	-0.7	-0.5	0.6	1.2	72.3	998.0	0.7	2.1	NØ
22	-5.1	-12.0	3.6	-1.7	-1.4	-1.1	-0.7	0.5	1.2	66.2	997.6	0.9	2.8	NØ
23	-5.8	-14.3	3.1	-2.2	-1.8	-1.4	-0.9	0.5	1.2	68.6	1001.3	0.8	2.9	NØ
24	-4.4	-12.1	5.0	-2.3	-2.0	-1.5	-1.1	0.6	1.2	68.8	1002.8	1.0	2.3	NØ
25	-4.0	-11.6	4.8	-2.4	-2.1	-1.7	-1.2	0.5	1.2	65.0	1002.8	0.8	2.9	NØ
26	-3.9	-11.1	3.1	-2.4	-2.1	-1.9	-1.3	0.6	1.2	67.4	1007.2	1.3	3.7	Ø
27	-3.4	-11.4	3.0	-2.4	-2.1	-1.9	-1.4	0.5	1.2	77.5	1010.0	2.0	5.2	S
28	-3.0	-8.0	1.4	-2.2	-1.9	-1.7	-1.3	0.4	1.1	80.2	1005.8	2.1	5.4	S
29	-1.6	-9.8	4.8	-2.2	-2.0	-1.8	-1.4	0.3	1.1	75.3	997.6	2.2	6.1	Ø
30	0.9	-0.2	2.1	-1.0	-1.0	-1.0	-1.1	0.3	1.0	99.9	996.0	2.1	4.5	S
31	2.2	0.7	3.6	-0.5	-0.6	-0.6	-0.9	0.3	1.0	99.9	1000.4	3.5	6.8	S
Mid.	-2.7	-7.6	1.7	-1.5	-1.3	-1.2	-1.1	0.5	1.2	84.0	996.8	2.0	4.5	

Høyeste temperatur: 7.9

Laveste temperatur: -17.4

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			* %								
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par			
01	6.31	4.55	-1.60	5.5	12.0	20.6	5.0	56.9	13.0	0.78	-0.39	0.8
02	6.68	3.43	-1.36	5.1	11.1	19.8	4.3	59.7	13.3	0.83	-0.40	0.2
03	7.20	2.98	-0.89	5.2	12.0	20.3	4.9	57.6	14.8	0.77	-0.47	0.0
04	7.77	4.25	-1.00	4.4	8.6	23.0	4.8	59.2	15.0	0.72	-0.34	0.0
05	6.98	4.47	-1.61	4.9	8.5	20.3	4.9	61.5	14.0	0.69	-0.25	0.0
06	6.90	4.37	-1.06	5.0	14.5	20.7	5.2	54.7	14.5	0.61	0.39	0.0
07	3.46	3.22	-0.09	6.6	17.5	21.7	9.0	45.2	8.1	0.56	-0.08	0.0
08	3.94	3.79	1.49	6.0	16.0	23.1	8.4	46.5	8.9	0.51	0.11	
09	1.44	1.37	0.21	7.2	17.1	26.7	9.2	39.8	3.9	0.73	0.25	
10	3.23	3.14	1.97	6.6	18.3	23.7	9.0	42.4	7.8	0.42	0.30	10.6
11	2.10	2.06	1.55	6.9	17.9	25.4	9.6	40.2	5.2	0.27	0.28	19.0
12	2.06	2.01	1.60	7.2	18.0	24.5	9.2	41.1	5.0	0.22	0.26	0.1
13	8.26	4.92	1.89	5.2	14.2	20.8	3.4	56.5	17.1	0.55	0.24	1.5
14	2.52	2.41	1.36	6.4	16.3	23.5	8.7	45.0	5.7	0.26	0.22	1.6
15	2.24	2.19	0.58	7.2	17.0	25.0	8.9	41.9	5.4	0.53	0.21	
16	3.31	3.16	0.15	7.6	16.8	25.2	9.3	41.2	8.0	0.73	0.19	
17	7.94	6.39	-0.95	6.1	13.9	21.6	7.1	51.3	17.0	0.84	0.17	4.9
18	12.02	4.15	-0.45	4.8	8.6	22.2	5.1	59.3	23.5	0.72	0.13	0.0
19	12.79	2.70	-0.31	4.6	10.2	21.1	3.0	61.0	24.9	0.71	-0.14	0.0
20	12.91	2.15	-0.63				4.8	59.8	25.7	0.70	-0.50	0.0
21	13.34	2.21	0.64				6.2	58.6	26.4	0.69	-0.53	0.0
22	13.18	3.13	0.25				5.5	60.2	26.1	0.68	-0.66	0.0
23	13.59	2.18	0.00				4.8	60.5	27.3	0.66	-0.72	0.0
24	13.78	2.48	1.00				5.8	59.5	27.5	0.66	-0.66	0.0
25	14.01	2.30	0.73				4.3	59.7	28.3	0.63	-0.62	0.0
26	14.13	2.44	0.97				3.9	59.3	28.5	0.63	-0.55	0.0
27	14.21	3.49	0.24				4.9	59.8	28.1	0.60	-0.46	0.0
28	7.67	6.13	0.22				7.2	52.7	16.1	0.63	-0.41	0.0
29	10.53	6.36	1.46				5.6	56.0	21.8	0.57	-0.30	0.0
30	3.19	2.92	0.33				9.2	39.3	8.1	0.77	0.22	6.4
31	2.94	2.74	1.41				9.8	40.8	7.2	0.49	0.34	6.2
Sum	240.6	104.1	8.1						496.2		-4.16	51.3
Mid.	7.76	3.36	0.26	5.9	14.1	22.6	6.5	52.5	16.0	0.62	-0.13	

Normal nedbør (1931-60): 27 mm

\* P. g. a. kalibrering manglar UV, blå og grønn/gul stråling i tidsrommet 20.3 - 31.3.01.

Normal nedbør (1961-90): 48 mm

\*\* Nedbør er registrert manuelt kl. 8 på hverdager. Avlest nedbør 2.4.01 kom som nedbør 31.3.01.

Meteorologiske data for Ås  
Mai 2001

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	8.8	5.2	14.7	6.6	5.8	5.4	3.7	1.7	1.1	69.2	1002.1	3.2	6.9	NV
02	9.1	1.3	15.5	7.2	6.4	5.9	4.4	2.4	1.3	65.1	1006.0	3.5	6.0	S
03	7.8	5.1	12.5	7.5	6.9	6.5	5.2	3.1	1.5	81.8	996.1	3.4	6.9	S
04	6.4	3.5	9.6	6.1	6.0	6.0	5.3	3.7	1.8	63.8	995.8	3.2	6.0	NØ
05	6.9	0.9	10.8	6.2	6.0	5.9	5.2	4.0	2.1	55.1	1007.3	3.5	5.9	N
06	9.1	2.9	14.4	6.4	6.2	6.0	5.3	4.3	2.4	46.9	1016.6	4.2	7.0	N
07	11.8	4.8	18.4	8.5	7.8	7.4	6.1	4.6	2.6	52.8	1019.4	2.6	4.7	NØ
08	12.9	2.8	20.5	9.9	9.0	8.6	7.1	5.0	2.8	57.6	1018.3	1.6	4.6	SV
09	14.5	3.9	23.4	11.1	10.2	9.7	8.1	5.5	3.0	52.9	1016.7	1.5	4.6	V
10	15.7	8.6	21.6	11.1	10.6	10.3	8.8	6.2	3.3	46.5	1015.2	2.9	5.7	N
11	16.6	6.4	23.8	12.0	11.3	10.9	9.3	6.7	3.6	51.3	1012.7	1.9	4.5	N
12	15.4	6.7	23.0	12.8	12.0	11.8	10.0	7.1	3.9	63.7	1008.1	1.6	4.9	NØ
13	12.7	6.7	21.7	13.0	12.2	12.1	10.4	7.7	4.2	80.5	997.9	2.2	6.3	S
14	10.7	5.6	14.2	11.4	11.4	11.6	10.4	8.1	4.6	72.4	995.5	2.5	4.8	N
15	11.2	3.2	17.3	10.5	10.3	10.5	9.7	8.2	4.9	62.1	994.9	2.0	3.6	NØ
16	8.9	6.3	11.5	9.8	9.8	10.2	9.4	8.2	5.1	91.6	993.0	2.6	3.7	Ø
17	10.2	8.4	13.1	10.8	10.4	10.4	9.3	8.2	5.3	98.0	989.9	2.8	4.7	Ø
18	9.1	7.3	11.4	10.9	10.6	10.6	9.6	8.4	5.5	90.9	987.9	2.8	5.4	S
19	12.1	7.3	16.8	11.1	10.7	10.7	9.7	8.5	5.7	53.5	992.7	4.2	7.5	NV
20	9.6	6.7	13.7	10.9	10.7	10.7	9.9	8.7	5.9	56.1	1003.2	2.6	6.0	NV
21	8.9	1.4	14.8	10.7	10.5	10.4	9.7	8.7	6.0	56.3	1010.3	2.8	5.6	N
22	11.5	5.0	17.0	12.1	11.5	11.3	10.2	8.9	6.2	68.2	1008.7	2.4	6.2	S
23	13.4	6.0	19.9	12.2	11.7	11.7	10.5	9.1	6.3	57.9	1006.5	3.2	8.1	V
24	13.2	8.4	16.5	11.8	11.7	11.8	10.8	9.3	6.5	41.4	1005.6	4.0	6.4	NV
25	10.3	2.2	16.1	11.9	11.5	11.5	10.7	9.4	6.6	51.6	1009.9	2.9	6.8	NV
26	12.0	6.9	17.1	12.8	12.2	12.0	11.0	9.6	6.7	70.3	1002.0	3.1	6.5	S
27	14.5	7.6	19.6	12.7	12.2	12.1	11.1	9.8	6.8	55.2	996.3	3.8	6.5	V
28	13.3	8.2	17.4	13.3	12.7	12.6	11.4	9.9	7.0	75.9	993.4	1.4	4.3	Ø
29	8.5	6.8	10.7	11.4	11.6	11.9	11.3	10.2	7.2	97.1	993.5	2.8	5.6	Ø
30	8.3	6.8	10.3	11.5	11.3	11.3	10.7	10.3	7.4	87.4	999.7	1.7	4.3	S
31	11.8	7.4	16.9	13.7	12.9	12.6	11.2	10.3	7.5	73.9	997.7	1.8	4.5	SV
Mid.	11.1	5.5	16.3	10.6	10.1	10.0	8.9	7.3	4.7	66.0	1003.0	2.7	5.6	

Høyeste temperatur: 23.8

Laveste temperatur: 0.9

Normal temperatur (1931-1960): 10.2

Normal temperatur (1961-1990): 10.3

DATO	STRÅLING										Jord- varmefflux (MJ/m <sup>2</sup> )	Fordamp ning (mm)	Nedbør (mm)
	MJ/m <sup>2</sup>			%						E/m <sup>2</sup>			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	16.71	6.24	9.29	4.7	14.8	20.9	7.0	52.6	34.5	0.22	1.46		5.3
02	22.36	6.53	11.84	4.2	13.6	21.3	7.0	53.8	46.7	0.23	1.31		0.0
03	13.61	9.51	6.99	5.0	14.2	21.4	7.7	51.7	28.9	0.22	1.00		0.1
04	10.88	7.58	5.29	5.3	14.6	21.6	8.0	50.5	23.4	0.23	0.39		0.0
05	21.41	9.01	11.17	4.3	13.0	20.6	6.6	55.4	43.8	0.24	0.74		0.0
06	23.67	3.13	11.85	4.3	13.1	21.1	6.3	55.2	49.1	0.23	0.80		0.0
07	23.64	3.72	11.97	4.1	13.7	21.3	6.4	54.5	49.6	0.23	1.39		0.0
08	23.73	3.43	11.96	3.9	16.7	18.2	7.0	54.2	49.5	0.22	1.36		0.0
09	23.27	3.93	11.94				7.0	53.6	49.0	0.21	1.46		0.0
10	19.77	8.69	10.13				7.8	52.0	42.6	0.22	1.17		0.0
11	24.06	3.65	12.54				7.0	53.3	51.7	0.22	1.42		0.0
12	22.45	6.23	11.37				7.0	52.9	48.5	0.20	1.20	3.2	0.0
13	20.45	8.88	11.28				7.1	52.6	44.2	0.20	0.94	2.8	0.0
14	12.29	8.75	6.29				8.5	50.3	26.9	0.25	0.39	2.1	0.0
15	17.03	6.90	8.02	5.2	13.7	21.9	5.8	53.4	36.7	0.22	0.39	2.5	0.0
16	4.21	3.75	2.06	6.8	16.3	22.6	10.0	44.3	9.8	0.19	0.08	0.5	4.7
17	7.49	6.33	4.52	6.4	16.7	22.6	8.3	46.0	17.0	0.19	0.60	0.1	12.0
18	9.14	7.45	5.11	6.3	15.2	22.5	8.1	47.8	20.6	0.19	0.41	0.0	8.5
19	25.50	5.75	14.92	4.7	13.9	21.1	7.1	53.1	54.4	0.21	0.95	0.2	1.4
20	16.07	8.85	8.10	5.2	13.5	21.2	8.0	52.1	35.0	0.23	0.31	0.7	0.5
21	25.37	4.67	13.09	4.6	13.2	21.1	6.8	54.3	53.8	0.21	0.48	3.1	0.0
22	22.96	8.86	12.47	4.7	14.3	21.3	7.8	52.0	50.1	0.22	0.66	3.3	0.0
23	23.24	10.90	12.70	4.6	14.1	21.2	8.1	52.0	50.1	0.22	0.70	3.8	0.0
24	27.40	3.55	13.68	4.4	12.9	20.8	7.3	54.6	57.5	0.22	0.65	5.4	0.0
25	27.07	4.53	13.77	4.4	13.2	20.9	7.1	54.4	57.5	0.22	0.43	4.4	0.0
26	20.04	12.23	10.73	4.8	14.3	21.2	7.6	52.1	43.5	0.23	0.43	3.0	1.2
27	21.66	9.73	11.88	4.7	14.2	21.8	7.1	52.1	47.1	0.22	0.58	3.8	0.0
28	13.58	10.29	7.01	5.2	14.7	21.6	7.9	50.6	30.2	0.21	0.62	1.3	2.9
29	5.48	4.86	3.02	7.0	17.1	23.0	9.4	43.5	13.2	0.21	-0.02	0.5	11.9
30	9.07	7.92	4.90	6.1	15.2	22.8	7.6	48.4	20.6	0.20	0.14	0.5	3.0
31	21.34	9.63	11.81	4.8	13.8	21.1	8.2	52.1	45.8	0.22	0.97	1.9	0.0
Sum	575.0	215.5	301.7						1231.6		23.38	43.1	51.5
Mid.	18.55	6.95	9.73	5.0	14.4	21.4	7.5	51.8	39.7	0.22	0.75	2.4	

Normal nedbør (1931-60): 49 mm

Normal nedbør (1961-90): 60 mm

\* P. g. a. kalibrering manglar UV, blå og grønn/gul stråling i tidsrommet 9.5.01 - 14.5.01.

Meteorologiske data for Ås  
April 2001

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	2.7	0.1	6.7	-0.4	-0.4	-0.5	-0.7	0.3	1.0	95.7	1001.0	3.3	6.3	S	
02	2.9	-0.1	7.1	-0.3	-0.3	-0.3	-0.6	0.3	1.0	90.8	1003.9	2.7	5.3	S	
03	3.4	1.1	6.8	-0.1	-0.3	-0.3	-0.5	0.3	1.0	97.4	993.8	3.0	6.1	S	
04	3.9	1.4	7.0	0.0	-0.2	-0.3	-0.5	0.3	1.0	96.0	991.7	3.8	6.1	S	
05	4.6	2.5	8.0	0.6	-0.1	-0.2	-0.4	0.3	1.0	88.4	980.1	4.3	7.4	S	
06	2.7	0.3	3.8	0.2	-0.1	-0.2	-0.4	0.4	1.0	93.6	988.2	2.5	4.6	NØ	
07	3.4	2.5	4.2	0.7	0.0	0.0	-0.3	0.4	1.0	100.0	988.5	2.1	3.2	N	
08	3.4	1.2	5.4	0.9	0.1	0.1	-0.3	0.4	1.0	97.0	993.3	2.5	4.3	N	
09	4.5	-1.0	10.2	1.3	0.5	0.1	-0.3	0.4	1.0	68.3	996.6	2.2	5.8	V	
10	4.5	-0.7	10.4	1.6	0.8	0.4	-0.3	0.4	1.0	66.6	1004.6	1.7	4.4	N	
11	3.2	-2.9	9.0	0.9	0.5	0.4	-0.2	0.4	1.0	69.2	1007.1	1.6	5.7	N	
12	1.0	-1.1	3.8	0.0	0.0	0.2	-0.2	0.4	1.0	46.9	1007.9	7.4	11.2	N	
13	0.4	-4.0	3.9	-0.1	0.0	0.1	-0.2	0.4	1.0	47.7	1017.1	4.6	8.0	N	
14	-1.0	-6.8	3.1	-0.1	0.0	0.1	-0.1	0.4	1.0	70.4	1008.8	3.0	6.6	S	
15	0.2	-1.3	1.9	-0.1	0.0	0.3	-0.1	0.4	1.0	95.0	992.1	3.2	4.9	S	
16	3.7	-0.2	8.1	1.1	0.7	0.5	-0.1	0.4	1.0	85.2	995.5	2.4	5.2	SØ	
17	4.4	0.4	8.1	2.3	1.4	0.9	-0.1	0.5	1.1	67.7	991.3	1.6	4.3	SØ	
18	0.7	0.1	2.1	0.6	0.5	0.5	-0.1	0.4	1.1	97.3	986.5	4.3	6.1	N	
19	2.2	-0.1	5.0	0.6	0.5	0.5	-0.1	0.5	1.0	82.6	994.9	4.8	7.4	NØ	
20	3.6	-0.8	8.5	1.8	1.3	1.1	0.0	0.5	1.0	58.3	1003.2	2.6	5.7	N	
21	3.7	-2.8	10.4	2.2	1.6	1.4	0.1	0.5	1.0	67.8	1001.5	1.7	4.9	SV	
22	5.4	-0.2	10.6	3.1	2.4	1.9	0.5	0.5	1.0	65.3	998.3	1.1	3.2	NØ	
23	6.3	-1.9	12.4	2.7	2.1	1.7	0.6	0.5	1.0	69.4	995.4	3.3	6.4	N	
24	5.4	2.7	6.9	3.8	3.2	2.8	1.4	0.5	1.0	99.9	993.6	2.4	4.3	N	
25	5.3	0.2	8.7	3.2	2.7	2.3	1.2	0.5	1.0	91.9	1000.4	1.6	3.4	Ø	
26	6.0	5.3	7.2	4.2	3.5	3.1	1.8	0.5	1.0	100.0	996.6	2.7	4.1	S	
27	5.8	4.6	8.0	4.5	3.9	3.4	2.0	0.5	1.0	98.2	998.6	2.2	4.3	S	
28	6.0	3.8	9.5	5.0	4.3	3.8	2.3	0.5	1.0	86.0	995.2	1.5	3.1	S	
29	6.3	3.1	9.3	5.1	4.5	4.0	2.6	0.7	1.1	90.3	995.0	3.6	7.1	S	
30	6.7	3.5	10.3	5.4	4.7	4.2	2.8	1.0	1.1	85.5	1004.3	1.8	3.6	S	
Mid.	3.7	0.3	7.2	1.7	1.3	1.1	0.3	0.5	1.0	82.3	997.5	2.9	5.4		

Høyeste temperatur: 12.4

Laveste temperatur: -6.8

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			* %									
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	12.00	6.86	7.04				7.1	53.5	25.4	0.22	0.28		0.0
02	10.32	8.40	6.85				7.0	51.8	22.3	0.19	0.26		0.0
03	3.80	2.84	1.42				9.3	46.8	8.5	0.23	0.29		0.2
04	3.99	3.66	1.68	6.1	13.6	23.9	8.9	47.4	8.8	0.16	0.29		4.5
05	5.12	3.54	2.24	5.5	16.2	20.7	8.3	49.4	11.0	0.21	0.36		17.5
06	4.41	3.45	1.12	6.0	12.7	23.4	5.3	52.5	9.6	0.19	0.34		0.0
07	2.27	2.12	1.69	7.0	17.8	24.6	7.7	42.9	5.3	0.14	0.53		
08	4.20	3.80	2.59	6.5	16.3	23.5	8.3	45.4	9.6	0.16	1.31		
09	17.67	2.82	10.38	4.2	13.5	21.2	4.7	56.4	35.6	0.20	1.70		15.0
10	15.68	5.26	8.24	4.4	13.3	21.1	6.3	54.9	32.5	0.20	1.64		0.0
11	12.88	7.06	5.41	4.6	13.0	21.6	5.6	55.2	26.9	0.18	0.82		0.0
12	17.18	4.85	6.99	4.4	12.0	20.6	6.0	57.0	34.6	0.25	0.24		
13	18.05	4.25	6.96	4.3	11.7	20.7	4.9	58.5	36.3	0.27	0.12		
14	11.67	9.32	5.13	4.9	13.1	21.1	6.9	54.1	24.5	0.24	0.00		
15	6.71	6.14	0.99	6.3	16.5	22.4	9.1	45.7	15.3	0.68	0.01		
16	15.58	8.73	8.97	4.6	13.8	21.2	6.0	54.4	32.6	0.21	1.28		
17	13.43	9.11	7.69	4.6	14.0	21.5	6.0	53.8	28.3	0.19	1.41		3.4
18	4.79	4.32	2.60	6.3	15.3	23.1	8.4	46.8	11.2	0.32	0.37		3.7
19	14.43	9.98	4.34	5.4	14.3	22.0	6.7	51.6	31.4	0.55	0.41		14.0
20	16.46	6.48	7.98	4.5	12.9	21.6	5.0	56.0	34.4	0.22	1.05		0.0
21	18.38	6.05	9.08	4.3	13.3	21.1	5.5	55.8	38.2	0.20	1.08		
22	15.49	5.74	7.89	4.5	13.6	21.3	5.6	54.9	32.4	0.21	1.35		
23	12.70	7.64	6.94	4.6	13.0	22.0	5.4	55.0	27.0	0.20	0.94		0.0
24	3.14	2.86	1.65	6.7	18.5	24.1	7.3	43.5	7.5	0.17	0.98		20.2
25	6.28	5.26	3.71	5.5	14.3	22.9	6.3	51.1	13.7	0.20	0.87		1.0
26	2.92	2.65	1.81	6.8	18.1	24.7	8.3	42.1	7.0	0.17	1.03		12.2
27	5.22	4.72	3.24	6.2	16.0	23.1	8.2	46.4	11.6	0.18	1.05		3.9
28	8.61	7.27	4.84	5.5	15.3	22.0	7.9	49.4	18.4	0.21	1.21		
29	10.61	7.64	6.10	5.3	14.9	21.4	8.1	50.2	22.5	0.20	1.06		
30	8.66	7.19	5.22	5.5	15.3	22.2	8.0	48.9	18.7	0.21	1.21		6.0
Sum	302.6	170.0	150.8						640.9		23.48		101.6
Mid.	10.09	5.67	5.03	5.4	14.5	22.2	6.9	51.0	21.4	0.23	0.78		

Normal nedbør (1931-60): 48 mm

\* P. g. a. kalibrering manglar UV, blå og grønn/gul stråling i tidsrommet 1.4.01 til 3.4.01

Normal nedbør (1961-90): 39 mm

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

Meteorologiske data for Ås  
Mai 2001

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	8.8	5.2	14.7	6.6	5.8	5.4	3.7	1.7	1.1	69.2	1002.1	3.2	6.9	NV
02	9.1	1.3	15.5	7.2	6.4	5.9	4.4	2.4	1.3	65.1	1006.0	3.5	6.0	S
03	7.8	5.1	12.5	7.5	6.9	6.5	5.2	3.1	1.5	81.8	996.1	3.4	6.9	S
04	6.4	3.5	9.6	6.1	6.0	6.0	5.3	3.7	1.8	63.8	995.8	3.2	6.0	NØ
05	6.9	0.9	10.8	6.2	6.0	5.9	5.2	4.0	2.1	55.1	1007.3	3.5	5.9	N
06	9.1	2.9	14.4	6.4	6.2	6.0	5.3	4.3	2.4	46.9	1016.6	4.2	7.0	N
07	11.8	4.8	18.4	8.5	7.8	7.4	6.1	4.6	2.6	52.8	1019.4	2.6	4.7	NØ
08	12.9	2.8	20.5	9.9	9.0	8.6	7.1	5.0	2.8	57.6	1018.3	1.6	4.6	SV
09	14.5	3.9	23.4	11.1	10.2	9.7	8.1	5.5	3.0	52.9	1016.7	1.5	4.6	V
10	15.7	8.6	21.6	11.1	10.6	10.3	8.8	6.2	3.3	46.5	1015.2	2.9	5.7	N
11	16.6	6.4	23.8	12.0	11.3	10.9	9.3	6.7	3.6	51.3	1012.7	1.9	4.5	N
12	15.4	6.7	23.0	12.8	12.0	11.8	10.0	7.1	3.9	63.7	1008.1	1.6	4.9	NØ
13	12.7	6.7	21.7	13.0	12.2	12.1	10.4	7.7	4.2	80.5	997.9	2.2	6.3	S
14	10.7	5.6	14.2	11.4	11.4	11.6	10.4	8.1	4.6	72.4	995.5	2.5	4.8	N
15	11.2	3.2	17.3	10.5	10.3	10.5	9.7	8.2	4.9	62.1	994.9	2.0	3.6	NØ
16	8.9	6.3	11.5	9.8	9.8	10.2	9.4	8.2	5.1	91.6	993.0	2.6	3.7	Ø
17	10.2	8.4	13.1	10.8	10.4	10.4	9.3	8.2	5.3	98.0	989.9	2.8	4.7	Ø
18	9.1	7.3	11.4	10.9	10.6	10.6	9.6	8.4	5.5	90.9	987.9	2.8	5.4	S
19	12.1	7.3	16.8	11.1	10.7	10.7	9.7	8.5	5.7	53.5	992.7	4.2	7.5	NV
20	9.6	6.7	13.7	10.9	10.7	10.7	9.9	8.7	5.9	56.1	1003.2	2.6	6.0	NV
21	8.9	1.4	14.8	10.7	10.5	10.4	9.7	8.7	6.0	56.3	1010.3	2.8	5.6	N
22	11.5	5.0	17.0	12.1	11.5	11.3	10.2	8.9	6.2	68.2	1008.7	2.4	6.2	S
23	13.4	6.0	19.9	12.2	11.7	11.7	10.5	9.1	6.3	57.9	1006.5	3.2	8.1	V
24	13.2	8.4	16.5	11.8	11.7	11.8	10.8	9.3	6.5	41.4	1005.6	4.0	6.4	NV
25	10.3	2.2	16.1	11.9	11.5	11.5	10.7	9.4	6.6	51.6	1009.9	2.9	6.8	NV
26	12.0	6.9	17.1	12.8	12.2	12.0	11.0	9.6	6.7	70.3	1002.0	3.1	6.5	S
27	14.5	7.6	19.6	12.7	12.2	12.1	11.1	9.8	6.8	55.2	996.3	3.8	6.5	V
28	13.3	8.2	17.4	13.3	12.7	12.6	11.4	9.9	7.0	75.9	993.4	1.4	4.3	Ø
29	8.5	6.8	10.7	11.4	11.6	11.9	11.3	10.2	7.2	97.1	993.5	2.8	5.6	Ø
30	8.3	6.8	10.3	11.5	11.3	11.3	10.7	10.3	7.4	87.4	999.7	1.7	4.3	S
31	11.8	7.4	16.9	13.7	12.9	12.6	11.2	10.3	7.5	73.9	997.7	1.8	4.5	SV
Mid.	11.1	5.5	16.3	10.6	10.1	10.0	8.9	7.3	4.7	66.0	1003.0	2.7	5.6	

Høyeste temperatur: 23.8

Laveste temperatur: 0.9

Normal temperatur (1931-1960): 10.2

Normal temperatur (1961-1990): 10.3

DATO	STRÅLING										Jord- varmeflux (MJ/m <sup>2</sup> )	Fordamp ning (mm)	Nedbør (mm)
	MJ/m <sup>2</sup>			%						E/m <sup>2</sup>			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	16.71	6.24	9.29	4.7	14.8	20.9	7.0	52.6	34.5	0.22	1.46		5.3
02	22.36	6.53	11.84	4.2	13.6	21.3	7.0	53.8	46.7	0.23	1.31		0.0
03	13.61	9.51	6.99	5.0	14.2	21.4	7.7	51.7	28.9	0.22	1.00		0.1
04	10.88	7.58	5.29	5.3	14.6	21.6	8.0	50.5	23.4	0.23	0.39		0.0
05	21.41	9.01	11.17	4.3	13.0	20.6	6.6	55.4	43.8	0.24	0.74		0.0
06	23.67	3.13	11.85	4.3	13.1	21.1	6.3	55.2	49.1	0.23	0.80		0.0
07	23.64	3.72	11.97	4.1	13.7	21.3	6.4	54.5	49.6	0.23	1.39		0.0
08	23.73	3.43	11.96	3.9	16.7	18.2	7.0	54.2	49.5	0.22	1.36		0.0
09	23.27	3.93	11.94				7.0	53.6	49.0	0.21	1.46		0.0
10	19.77	8.69	10.13				7.8	52.0	42.6	0.22	1.17		0.0
11	24.06	3.65	12.54				7.0	53.3	51.7	0.22	1.42		0.0
12	22.45	6.23	11.37				7.0	52.9	48.5	0.20	1.20	3.2	0.0
13	20.45	8.88	11.28				7.1	52.6	44.2	0.20	0.94	2.8	0.0
14	12.29	8.75	6.29				8.5	50.3	26.9	0.25	0.39	2.1	0.0
15	17.03	6.90	8.02	5.2	13.7	21.9	5.8	53.4	36.7	0.22	0.39	2.5	0.0
16	4.21	3.75	2.06	6.8	16.3	22.6	10.0	44.3	9.8	0.19	0.08	0.5	4.7
17	7.49	6.33	4.52	6.4	16.7	22.6	8.3	46.0	17.0	0.19	0.60	0.1	12.0
18	9.14	7.45	5.11	6.3	15.2	22.5	8.1	47.8	20.6	0.19	0.41	0.0	8.5
19	25.50	5.75	14.92	4.7	13.9	21.1	7.1	53.1	54.4	0.21	0.95	0.2	1.4
20	16.07	8.85	8.10	5.2	13.5	21.2	8.0	52.1	35.0	0.23	0.31	0.7	0.5
21	25.37	4.67	13.09	4.6	13.2	21.1	6.8	54.3	53.8	0.21	0.48	3.1	0.0
22	22.96	8.86	12.47	4.7	14.3	21.3	7.8	52.0	50.1	0.22	0.66	3.3	0.0
23	23.24	10.90	12.70	4.6	14.1	21.2	8.1	52.0	50.1	0.22	0.70	3.8	0.0
24	27.40	3.55	13.68	4.4	12.9	20.8	7.3	54.6	57.5	0.22	0.65	5.4	0.0
25	27.07	4.53	13.77	4.4	13.2	20.9	7.1	54.4	57.5	0.22	0.43	4.4	0.0
26	20.04	12.23	10.73	4.8	14.3	21.2	7.6	52.1	43.5	0.23	0.43	3.0	1.2
27	21.66	9.73	11.88	4.7	14.2	21.8	7.1	52.1	47.1	0.22	0.58	3.8	0.0
28	13.58	10.29	7.01	5.2	14.7	21.6	7.9	50.6	30.2	0.21	0.62	1.3	2.9
29	5.48	4.86	3.02	7.0	17.1	23.0	9.4	43.5	13.2	0.21	-0.02	0.5	11.9
30	9.07	7.92	4.90	6.1	15.2	22.8	7.6	48.4	20.6	0.20	0.14	0.5	3.0
31	21.34	9.63	11.81	4.8	13.8	21.1	8.2	52.1	45.8	0.22	0.97	1.9	0.0
Sum	575.0	215.5	301.7						1231.6		23.38	43.1	51.5
Mid.	18.55	6.95	9.73	5.0	14.4	21.4	7.5	51.8	39.7	0.22	0.75	2.4	

Normal nedbør (1931-60): 49 mm

Normal nedbør (1961-90): 60 mm

\* P. g. a. kalibrering manglar UV, blå og grønn/gul stråling i tidsrommet 9.5.01 - 14.5.01.



Meteorologiske data for Ås  
Juni 2001

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	11.9	6.5	15.7	13.1	12.8	12.8	11.8	10.3	7.6	67.8	992.2	2.9	6.2	SØ
02	11.2	3.4	15.7	13.0	12.5	12.4	11.5	10.4	7.7	51.1	987.8	1.9	3.9	N
03	12.6	6.3	17.7	13.3	13.1	13.0	12.0	10.5	7.8	50.5	994.9	4.3	8.0	N
04	12.2	4.6	18.5	14.0	13.3	13.2	12.1	10.7	7.9	61.6	997.4	2.4	6.0	S
05	14.0	9.4	18.9	14.5	13.9	13.7	12.6	10.9	8.0	72.7	996.6	3.3	5.5	S
06	11.7	9.8	13.9	13.2	13.0	13.1	12.4	11.2	8.2	81.9	993.0	5.1	7.3	S
07	10.9	8.5	12.9	12.7	12.5	12.6	12.0	11.3	8.3	94.2	985.5	3.6	7.1	S
08	8.2	6.9	9.4	11.2	11.4	11.7	11.5	11.1	8.4	93.6	982.9	4.7	9.5	S
09	10.4	6.7	14.7	13.0	12.4	12.3	11.4	10.9	8.5	71.2	995.3	2.3	5.8	S
10	9.8	4.9	14.3	12.8	12.6	12.7	11.8	10.9	8.5	83.7	999.5	1.7	5.5	SØ
11	10.4	5.5	15.8	13.4	12.9	12.9	11.9	11.0	8.6	77.8	995.7	1.6	4.0	SV
12	12.2	7.8	17.3	14.1	13.6	13.4	12.4	11.2	8.7	57.8	997.5	2.4	4.7	N
13	12.2	5.8	16.8	14.9	14.3	14.1	12.9	11.3	8.7	67.5	999.4	2.1	4.7	SV
14	12.4	6.9	19.2	14.9	14.5	14.3	13.2	11.6	8.8	70.8	996.8	2.2	5.3	Ø
15	12.3	4.0	18.9	15.1	14.7	14.5	13.5	11.8	8.9	60.9	1000.4	1.7	3.9	N
16	13.9	4.9	19.1	15.1	14.8	14.7	13.7	12.0	9.1	59.9	999.2	2.0	5.3	NØ
17	15.2	9.2	19.6	15.6	15.2	14.9	13.9	12.2	9.2	60.9	999.8	2.1	5.1	NV
18	14.4	7.1	18.5	15.0	14.7	14.6	13.8	12.4	9.3	64.9	1004.0	3.3	6.6	NØ
19	17.7	11.0	24.2	17.7	16.7	16.2	14.5	12.5	9.4	61.1	1007.2	2.5	4.3	NV
20	13.4	11.6	16.2	15.3	15.3	15.4	14.7	12.9	9.6	88.7	1001.8	3.7	6.3	S
21	13.3	11.2	16.0	16.3	15.7	15.4	14.2	13.0	9.7	80.2	994.9	3.2	6.1	S
22	13.6	11.0	16.7	15.0	15.0	15.0	14.3	13.0	9.8	79.3	1000.6	3.0	6.0	N
23	17.6	8.6	23.5	17.0	16.3	15.9	14.5	12.9	9.9	63.7	1003.3	2.2	5.7	NØ
24	18.6	10.9	26.1	18.8	17.8	17.3	15.6	13.1	10.0	64.5	1005.2	1.7	4.9	N
25	19.4	10.6	26.4	19.7	18.7	18.1	16.3	13.5	10.1	62.0	1007.5	1.6	5.1	SV
26	18.8	12.5	25.2	20.3	19.3	18.8	17.0	13.9	10.3	72.4	1005.7	1.7	5.0	SV
27	17.4	10.1	24.1	19.7	18.9	18.5	17.0	14.3	10.4	74.5	1003.4	1.9	4.5	SV
28	15.9	10.1	19.5	17.5	17.3	17.3	16.6	14.6	10.6	85.1	1000.8	2.9	6.2	S
29	16.9	13.6	20.7	18.6	17.9	17.7	16.4	14.5	10.8	80.1	1002.0	4.7	8.0	S
30	15.0	13.1	15.9	16.4	16.4	16.5	16.0	14.5	11.0	99.7	1002.5	3.6	5.3	S
Mid.	13.8	8.4	18.4	15.4	14.9	14.8	13.7	12.2	9.1	72.0	998.4	2.7	5.7	

Høyeste temperatur: 26.4

Laveste temperatur: 3.4

Normal temperatur (1931-1960): 14.4

Normal temperatur (1961-1990): 14.8

DATO	STRÅLING										Jord- varmeflux (MJ/m <sup>2</sup> )	Fordamp- ning (mm)	Nedbør (mm)
	MJ/m <sup>2</sup>			%					E/m <sup>2</sup>	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	16.03	10.98	8.02	5.2	14.0	21.3	7.8	51.7	34.9	0.22	0.33	2.8	0.0
02	23.82	9.96	12.54	4.7	13.1	21.2	7.3	53.7	50.6	0.21	0.51	3.4	0.0
03	26.63	6.51	15.17	4.6	13.4	21.1	7.6	53.3	57.2	0.23	0.32	5.0	0.5
04	27.03	4.59	14.61	4.5	13.4	21.1	7.3	53.7	58.0	0.22	0.60	3.9	0.0
05	19.67	10.30	10.45	5.0	14.4	21.6	7.2	51.8	43.5	0.23	0.62	3.3	0.0
06	12.55	10.34	6.48	5.7	14.0	21.3	7.6	51.4	27.6	0.23	0.09	2.7	0.0
07	8.69	7.39	4.75	6.0	14.7	22.4	8.2	48.7	19.7	0.23	0.15	1.1	12.9
08	7.91	6.93	4.69	6.6	15.7	22.6	8.2	47.0	18.3	0.20	-0.34	0.6	9.9
09	20.03	12.20	10.66	5.1	13.7	21.2	8.0	51.9	43.6	0.23	0.58	2.2	0.1
10	13.10	10.60	6.58	5.5	14.3	21.4	8.1	50.7	28.7	0.22	0.25	1.6	0.1
11	15.41	9.93	8.65	5.3	14.2	20.8	8.3	51.5	33.5	0.21	0.45	2.0	0.0
12	23.94	8.77	13.25	4.8	13.5	21.4	7.1	53.2	52.1	0.22	0.67	3.0	0.0
13	25.39	6.97	13.51	4.7	13.7	21.6	7.3	52.7	55.5	0.21	0.73	3.2	0.0
14	22.23	7.90	12.43	4.8	14.0	20.6	8.0	52.6	48.2	0.23	0.69	3.1	0.0
15	27.65	5.71	14.52	4.5	13.2	21.2	7.2	53.8	59.7	0.23	0.67	3.5	0.0
16	20.71	8.09	11.31	4.8	13.6	21.8	6.6	53.1	45.1	0.23	0.74	3.3	0.0
17	20.17	10.40	10.72	5.0	14.0	21.8	7.2	52.0	44.5	0.23	0.56	3.3	0.1
18	24.87	6.15	13.86	4.9	13.7	21.5	7.8	52.1	55.1	0.23	0.47	4.0	0.0
19	27.78	4.08	15.48	4.5	14.0	21.6	7.6	52.2	61.6	0.23	1.13	3.9	0.0
20	9.69	7.85	5.18	5.8	14.9	21.8	7.5	50.0	21.9	0.23	0.07	1.5	8.8
21	23.29	7.82	14.15	5.2	13.9	21.1	7.9	51.9	51.1	0.23	0.79	2.9	8.0
22	9.43	8.15	5.47	6.2	15.0	21.9	8.0	49.0	21.2	0.23	0.19	2.3	0.0
23	24.64	7.98	14.83	4.8	13.6	21.5	7.9	52.2	54.5	0.22	1.04	3.3	0.0
24	24.82	6.13	14.67	4.6	13.7	21.6	7.3	52.9	54.8	0.21	1.15	2.6	0.8
25	27.34	4.55	16.23	4.6	13.3	21.6	8.0	52.5	60.9	0.21	1.15	3.6	0.0
26	23.78	6.78	14.09	4.9	14.1	21.1	8.5	51.4	52.7	0.20	1.06	3.1	0.0
27	24.51	8.19	14.78	4.8	13.9	20.8	8.5	51.9	53.9	0.21	0.82	3.4	0.0
28	12.01	9.41	6.81	5.7	14.3	21.9	7.4	50.7	26.9	0.22	0.20	2.2	1.0
29	24.86	8.02	15.13	5.1	13.8	21.5	7.9	51.7	55.4	0.22	0.70	4.3	0.0
30	4.54	4.00	2.35	6.7	15.9	21.2	8.0	48.1	10.3	0.21	0.06	1.1	7.4
Sum	592.5	236.7	331.4						1300.8		16.41	86.2	49.7
Mid.	19.75	7.89	11.05	5.2	14.0	21.5	7.7	51.6	43.4	0.22	0.55	2.9	

Normal nedbør (1931-60): 70 mm

Normal nedbør (1961-90): 68 mm

Meteorologiske data for Ås  
Juli 2001

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	16.1	10.9	20.4	18.5	17.7	17.3	16.0	14.4	11.1	84.1	999.9	2.9	7.1	S
02	16.7	9.3	22.5	18.6	17.9	17.5	16.3	14.4	11.2	62.3	1008.8	2.1	5.3	N
03	17.0	12.1	21.7	19.2	18.4	18.0	16.7	14.6	11.3	89.5	1010.8	2.7	5.1	S
04	19.2	15.1	24.0	20.3	19.4	18.8	17.3	14.8	11.4	76.4	1009.2	2.8	6.2	S
05	19.6	13.5	24.6	20.1	19.3	18.9	17.5	15.1	11.5	68.1	1005.9	2.8	5.9	S
06	19.6	12.8	24.9	20.1	19.3	18.9	17.6	15.3	11.6	67.8	1004.1	2.6	5.0	SV
07	21.3	11.4	28.5	20.9	19.9	19.3	17.8	15.4	11.7	64.0	1000.5	1.3	3.3	SV
08	21.9	15.3	28.0	21.5	20.5	19.9	18.5	15.6	11.9	73.6	996.5	2.5	7.8	Ø
09	19.2	16.4	21.0	20.0	19.7	19.4	18.5	15.9	12.0	92.6	993.4	3.0	5.1	S
10	18.1	14.9	21.3	20.1	19.6	19.2	18.2	16.0	12.2	83.2	990.4	3.3	6.6	S
11	15.9	11.8	18.4	18.3	18.2	18.2	17.8	16.1	12.4	84.3	986.4	4.0	8.1	S
12	13.5	10.6	17.0	17.1	17.0	17.0	16.8	15.9	12.5	87.4	985.2	3.0	7.5	S
13	12.2	9.0	15.5	16.1	16.2	16.2	16.2	15.7	12.6	91.8	987.4	2.7	4.3	SØ
14	14.9	10.6	18.3	17.0	16.7	16.5	16.1	15.4	12.7	75.2	992.9	4.2	7.4	S
15	13.3	11.5	17.3	16.2	16.1	16.1	16.0	15.3	12.7	93.6	996.2	2.1	4.6	NØ
16	14.0	7.0	18.2	17.0	16.6	16.4	15.9	15.2	12.7	81.7	1002.0	1.2	3.5	Ø
17	14.5	12.1	17.4	17.4	17.1	16.9	16.3	15.2	12.7	83.8	1000.5	1.5	2.8	N
18	14.3	12.5	15.8	16.8	16.7	16.6	16.2	15.3	12.7	83.4	996.1	2.4	5.2	N
19	14.7	13.2	17.0	17.0	16.8	16.6	16.1	15.3	12.7	90.1	993.2	1.9	3.3	NV
20	17.0	12.1	22.2	18.9	18.2	17.7	16.6	15.3	12.7	77.9	996.8	1.5	4.4	NØ
21	16.0	10.2	21.8	18.2	18.0	17.8	17.1	15.5	12.8	82.0	1001.3	2.1	6.2	S
22	15.2	12.2	17.8	16.8	16.8	16.9	16.7	15.6	12.8	95.7	1002.7	3.4	5.1	S
23	17.8	14.4	21.6	18.8	18.2	17.8	16.8	15.6	12.9	79.9	1004.6	3.3	5.8	S
24	17.3	13.6	21.0	18.7	18.3	18.1	17.3	15.7	12.9	79.0	1005.4	3.3	6.8	S
25	17.7	12.0	22.1	18.6	18.2	18.0	17.3	15.9	13.0	75.9	1005.8	2.4	5.9	S
26	18.3	11.4	24.7	19.4	18.9	18.5	17.5	15.9	13.1	70.4	1005.0	1.7	3.3	NV
27	18.3	11.0	24.5	19.6	19.2	18.8	17.9	16.1	13.1	68.9	1006.0	1.6	3.9	N
28	18.4	12.2	23.7	19.7	19.3	18.9	18.1	16.2	13.2	78.2	1006.0	2.2	5.3	SV
29	19.1	16.0	22.8	19.6	19.2	19.0	18.2	16.4	13.3	84.8	1001.4	4.5	7.6	S
30	16.8	11.8	21.2	17.7	17.9	17.9	17.7	16.5	13.4	48.2	997.0	4.8	8.4	SV
31	15.5	8.6	20.9	17.0	17.0	16.9	16.8	16.3	13.4	51.9	1000.8	2.6	5.0	V
Mid.	16.9	12.1	21.2	18.6	18.1	17.9	17.1	15.6	12.5	78.2	999.8	2.7	5.5	

Høyeste temperatur: 28.5

Laveste temperatur: 7.0

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			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	21.08	8.81	13.21	5.2	13.6	22.2	7.3	51.7	46.8	0.21	0.86	2.1	3.4
02	27.54	3.58	16.74	4.8	13.4	21.6	8.0	52.1	61.1	0.21	0.76	3.9	0.0
03	20.46	8.45	12.96	5.1	14.6	20.7	9.6	50.0	45.7	0.21	0.81	2.3	0.0
04	23.80	6.01	14.62	4.9	14.3	21.0	9.0	50.9	52.6	0.21	0.98	4.1	0.0
05	27.28	3.88	16.05	4.7	13.6	21.3	8.1	52.3	60.3	0.21	0.79	4.3	0.0
06	27.20	3.67	16.07	4.7	13.7	21.3	8.1	52.2	60.2	0.21	0.73	5.0	0.0
07	26.24	5.45	15.58	4.7	13.6	21.7	8.1	52.0	58.5	0.20	1.00	3.7	0.0
08	22.30	8.89	14.26	5.0	14.1	21.7	8.1	51.2	50.0	0.21	0.92	3.9	7.7
09	10.18	8.60	6.01	5.8	14.8	21.3	7.9	50.2	22.4	0.22	0.47	1.9	18.6
10	19.48	9.07	11.95	5.5	14.4	20.9	9.0	50.2	43.4	0.23	0.63	4.6	0.0
11	16.73	9.34	9.80	5.5	13.4	21.1	8.9	51.1	37.1	0.23	0.09	3.1	5.1
12	14.20	9.73	8.16	5.7	14.8	21.0	8.6	49.9	31.4	0.21	0.04	2.0	19.1
13	10.90	9.26	5.55	6.4	14.2	22.0	8.2	49.2	24.3	0.22	-0.17	1.4	4.4
14	26.61	4.05	16.07	5.0	13.2	21.4	7.9	52.6	58.7	0.23	0.36	4.2	0.1
15	9.14	5.78	5.24	5.6	14.4	20.8	8.7	50.5	20.5	0.21	0.00		12.5
16	15.45	10.97	9.21	5.6	10.8	23.4	6.9	53.3	35.6	0.21	0.39		0.7
17	9.93	8.74	5.87	6.1	14.5	21.4	8.0	50.0	22.1	0.21	0.46	8.2	0.0
18	8.57	7.59	5.18	6.3	14.6	21.6	8.0	49.4	19.2	0.21	0.15	2.0	0.0
19	9.31	8.19	5.59	6.4	15.4	22.6	8.4	47.3	21.5	0.19	0.32	1.0	0.2
20	21.46	8.60	13.23	5.0	14.0	21.3	8.7	51.0	48.0	0.21	0.97	2.6	0.0
21	17.74	9.75	10.41	5.2	14.0	21.3	8.3	51.0	39.8	0.21	0.35	2.8	0.0
22	6.39	5.66	3.54	6.5	15.9	21.7	9.0	46.9	14.9	0.20	-0.09	1.1	3.9
23	24.39	5.24	14.91	4.9	13.8	21.0	8.3	52.1	54.3	0.21	0.87	3.1	0.0
24	19.05	9.84	11.78	5.3	14.5	20.7	8.5	50.9	42.3	0.21	0.50	3.3	0.0
25	21.36	8.30	12.40	4.9	13.6	21.5	7.4	52.7	47.5	0.21	0.49	3.3	0.0
26	24.22	4.15	14.65	4.8	13.7	21.2	8.2	52.1	54.2	0.21	0.79	3.4	0.0
27	23.49	4.96	14.14	4.8	14.1	21.2	8.1	51.8	52.8	0.20	0.68	3.5	0.0
28	23.29	4.42	14.14	4.9	14.1	20.9	8.1	52.0	51.9	0.20	0.67	3.4	0.0
29	17.25	8.05	11.09	5.3	14.7	21.6	8.2	50.2	38.8	0.20	0.53	3.6	0.0
30	23.42	6.69	13.27	4.9	13.0	21.4	7.0	53.7	51.7	0.23	-0.08	6.2	0.0
31	20.98	5.63	10.97	5.1	12.9	21.3	7.4	53.3	46.2	0.21	0.03	3.8	0.0
Sum	589.4	221.3	352.6						1313.6		15.32	97.8	75.7
Mid.	19.01	7.14	11.38	5.3	14.0	21.4	8.2	51.1	42.4	0.21	0.49	3.4	

Normal nedbør (1931-60): 79 mm

Normal nedbør (1961-90): 81 mm

\* Fordampning 15.7 til 17.7 er registrert manuelt

Meteorologiske data for Ås  
August 2001

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	15.2	6.8	20.6	16.6	16.6	16.6	16.5	16.1	13.5	53.5	1004.0	2.6	6.0	NV
02	14.6	6.8	20.2	16.7	16.5	16.4	16.2	15.9	13.5	61.6	1005.5	2.1	4.1	N
03	14.1	10.7	17.3	15.9	15.9	16.0	16.0	15.7	13.5	92.6	998.8	2.2	4.4	Ø
04	17.7	14.9	22.5	17.9	17.4	17.0	16.3	15.6	13.4	85.7	992.2	3.4	6.5	S
05	16.5	11.6	20.6	17.9	17.6	17.4	16.8	15.7	13.4	74.4	992.6	2.6	5.3	S
06	13.2	9.8	18.0	16.6	16.7	16.7	16.5	15.8	13.4	83.9	992.7	1.9	6.4	N
07	13.3	5.9	19.4	16.3	16.2	16.1	15.9	15.7	13.4	77.7	991.0	1.9	5.3	S
08	12.7	8.2	16.7	15.3	15.5	15.6	15.7	15.6	13.4	89.6	990.5	2.2	4.4	Ø
09	15.3	12.8	18.5	16.9	16.4	16.2	15.7	15.4	13.4	86.1	987.6	2.2	4.3	SØ
10	15.5	12.6	19.7	17.0	16.8	16.7	16.2	15.5	13.4	85.4	994.0	2.0	5.2	SØ
11	14.4	11.4	18.3	16.8	16.7	16.5	16.2	15.5	13.4	72.4	1000.8	2.5	4.5	NV
12	14.7	10.2	21.2	16.2	16.1	16.1	15.9	15.5	13.4		991.9	3.3	6.8	SV
13	14.7	6.7	20.6	16.2	16.0	15.9	15.7	15.5	13.3		990.8	2.3	5.5	S
14	18.8	14.8	23.8	17.3	17.0	16.8	16.2	15.4	13.3		995.0	3.0	6.2	S
15	17.8	15.6	20.9	18.0	17.6	17.3	16.6	15.6	13.4		1003.5	3.7	7.6	S
16	18.9	15.3	25.9	19.1	18.5	18.1	17.2	15.8	13.4	93.5	998.3	2.4	8.8	S
17	16.9	12.9	20.5	17.7	17.7	17.7	17.3	16.1	13.4	77.8	998.5	5.4	8.4	S
18	15.4	8.9	20.4	16.9	16.9	16.9	16.7	16.1	13.5	72.7	1006.6	2.2	4.9	S
19	16.2	8.8	21.9	17.3	17.0	16.9	16.5	16.0	13.6	72.2	1005.2	1.8	4.6	Ø
20	15.4	13.1	18.5	16.9	16.8	16.8	16.5	16.0	13.6	98.0	999.8	2.4	4.6	Ø
21	16.5	11.1	21.8	17.4	17.2	17.0	16.5	15.9	13.6	75.9	1007.5	1.5	3.2	S
22	15.5	10.1	20.6	16.4	16.4	16.4	16.3	15.9	13.6	72.7	1013.0	2.2	4.4	SØ
23	16.4	14.0	19.9	17.2	17.0	16.9	16.5	15.9	13.6	86.6	1013.2	1.0	2.1	Ø
24	16.6	13.4	21.0	17.3	17.2	17.0	16.6	15.9	13.7		1009.5	1.9	5.0	S
25	15.9	13.1	17.6	16.8	16.7	16.7	16.5	15.9	13.7	97.2	1007.7	1.7	3.2	SØ
26	16.8	14.7	18.4	16.9	16.8	16.8	16.5	15.9	13.7	98.0	1001.2	3.0	5.8	S
27	13.2	8.0	18.4	15.7	15.8	15.9	16.0	15.8	13.7	72.5	992.9	3.2	8.4	NV
28	12.4	8.4	15.9	13.8	14.2	14.4	15.0	15.6	13.7	62.1	995.1	4.3	9.0	N
29	13.8	8.9	18.5	15.1	14.9	14.8	14.7	15.2	13.7	77.5	1004.4	1.6	3.3	N
30	13.6	8.0	19.1	15.0	14.9	14.8	14.8	15.0	13.6	88.3	1004.1	0.9	2.5	Ø
31	13.9	12.0	17.7	15.5	15.4	15.4	15.1	15.0	13.5	94.6	1000.6	1.5	3.3	NØ
Mid.	15.4	11.0	19.8	16.7	16.5	16.4	16.2	15.7	13.5	80.9	999.6	2.4	5.3	

Høyeste temperatur: 25.9

Laveste temperatur: 5.9

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			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	22.72	6.04	12.45	4.8	13.1	20.9	7.4	53.7	50.1	0.22	0.02	4.0	0.0
02	22.05	4.85	11.90	4.9	13.2	21.5	7.0	53.4	49.3	0.20	0.15	3.4	0.0
03	5.09	4.54	2.61	6.7	15.7	21.9	8.2	47.5	12.1	0.21	-0.14	0.8	23.0
04	16.60	7.30	10.12	5.3	15.0	21.0	7.8	50.9	37.3	0.20	0.78	4.6	2.6
05	18.32	7.78	10.56	5.2	14.0	21.3	7.0	52.4	40.9	0.21	0.43	4.0	0.0
06	12.29	5.52	6.37	5.6	14.6	21.5	6.4	52.0	27.7	0.19	-0.06	1.7	4.3
07	19.66	5.30	11.07	5.0	14.3	20.5	7.8	52.5	43.5	0.22	0.11	3.1	0.0
08	9.04	6.45	5.10	5.8	14.1	22.4	7.4	50.4	20.6	0.21	-0.31	1.4	9.7
09	14.91	8.42	8.74	5.3	14.1	21.7	7.6	51.3	33.7	0.23	0.50	0.8	8.4
10	10.22	8.31	5.90	6.0	15.0	21.3	8.2	49.5	23.2	0.21	0.32	1.1	0.7
11	15.69	8.84	8.41	5.4	14.9	20.7	7.5	51.5	35.0	0.22	0.22	1.2	2.2
12	13.42	6.11	7.29	5.3	14.6	20.7	7.8	51.5	30.1	0.22	0.10	1.2	7.5
13	20.50	3.62	12.19	4.9	13.3	21.0	7.2	53.6	45.9	0.21	0.21	2.9	0.0
14	15.16	9.11	8.68	5.1	14.0	22.0	6.7	52.1	34.2	0.23	0.62	2.4	0.0
15	15.74	8.52	10.35	5.3	13.7	21.9	7.4	51.8	35.4	0.23	0.61	2.1	0.0
16	11.22	7.79	6.89	5.1	14.0	21.6	7.3	51.9	25.3	0.21	0.80	1.2	9.2
17	17.49	5.01	9.46	5.2	13.4	22.1	6.1	53.2	39.2	0.24	0.10	4.1	0.0
18	19.94	4.27	10.35	4.8	12.8	21.1	7.2	54.1	44.4	0.23	0.08	3.0	0.0
19	17.62	4.85	10.33	4.9	13.3	21.0	7.4	53.4	39.2	0.23	0.19	2.4	0.0
20	5.13	4.45	2.75	6.4	15.5	21.2	8.6	48.2	11.5	0.22	0.05	0.4	10.5
21	17.14	5.51	9.46	5.0	13.0	21.2	7.1	53.6	38.3	0.23	0.33	1.7	0.0
22	14.98	8.49	8.52	5.2	13.1	21.8	6.6	53.3	33.1	0.22	-0.05	2.4	0.0
23	8.56	7.32	4.56	5.9	14.8	22.0	8.9	48.4	19.5	0.22	0.30	0.7	0.0
24	11.65	7.17	6.56	5.3	13.5	21.3	8.2	51.7	25.9	0.22	0.27	1.7	0.0
25	4.51	4.14	2.69	6.7	16.4	22.7	8.6	45.6	10.5	0.18	0.04	0.4	1.2
26	3.08	2.64	1.67	6.4	15.9	21.9	9.2	46.6	7.2	0.20	0.11	0.3	0.0
27	15.32	4.31	8.67	5.1	12.7	22.3	5.7	54.2	33.7	0.19	-0.35	3.3	1.5
28	5.45	4.68	3.02	6.5	13.9	21.5	9.3	48.9	12.5	0.14	-0.74	3.3	0.0
29	10.26	6.98	6.14	5.7	13.2	22.6	8.2	50.4	23.5	0.20	0.12	1.2	0.0
30	9.00	7.53	5.38	6.0	14.0	22.5	8.2	49.4	20.7	0.17	0.06	0.6	0.0
31	5.56	5.03	3.09	6.4	14.8	22.4	8.5	47.8	12.8	0.17	0.08	0.1	6.8
Sum	408.3	190.9	231.3						916.6		4.97	61.5	87.6
Mid.	13.17	6.16	7.46	5.5	14.1	21.6	7.6	51.1	29.6	0.21	0.16	2.0	

Normal nedbør (1931-60): 96 mm

Normal nedbør (1961-90): 83 mm

Meteorologiske data for Ås  
September 2001

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	12.5	7.8	15.8	14.9	15.0	15.1	15.1	15.0	13.5	96.7	995.1	1.3	4.0	Ø
02	10.5	6.7	12.6	14.0	14.1	14.3	14.5	14.9	13.5	97.0	992.2	0.9	2.5	Ø
03	13.1	9.5	16.9	15.0	14.8	14.7	14.5	14.7	13.4	89.7	989.9	1.7	4.5	S
04	13.3	9.4	15.5	15.4	15.2	15.2	14.8	14.8	13.4	93.7	993.2	2.0	4.3	NØ
05	13.0	5.2	18.8	14.8	14.7	14.7	14.7	14.8	13.3	81.7	997.2	2.2	4.7	S
06	13.4	7.4	17.8	15.5	15.4	15.3	14.9	14.7	13.3	83.8	991.4	1.4	5.3	NØ
07	10.5	3.4	16.4	13.9	14.0	14.2	14.4	14.7	13.3	76.8	986.8	1.6	5.2	Ø
08	9.7	7.2	12.9	13.3	13.5	13.7	14.0	14.6	13.3	90.6	982.3	3.3	5.7	N
09	11.7	10.2	13.1	13.0	13.2	13.3	13.6	14.4	13.2	86.3	983.2	5.9	8.1	N
10	10.8	8.5	13.4	13.2	13.2	13.3	13.4	14.2	13.2	93.7	986.7	2.8	5.2	N
11	10.9	7.8	14.2	13.3	13.2	13.2	13.3	14.0	13.1	82.3	993.1	2.6	5.7	N
12	12.1	8.2	16.1	13.6	13.6	13.5	13.5	13.9	13.0	83.3	995.7	1.3	4.1	N
13	11.3	7.4	14.8	13.3	13.3	13.4	13.4	13.9	12.9	93.7	987.4	1.3	2.8	N
14	11.9	10.4	13.9	13.7	13.7	13.7	13.5	13.9	12.9	97.4	986.7	1.4	2.7	N
15	12.0	10.8	14.6	13.6	13.6	13.6	13.5	14.0	12.8	92.1	987.8	2.6	5.9	SØ
16	11.8	10.6	14.2	13.6	13.6	13.6	13.5	13.9	12.8	95.8	997.4	2.1	3.8	SØ
17	13.9	11.4	16.8	13.8	13.8	13.7	13.6	13.9	12.7	84.6	1010.1	4.1	6.2	NØ
18	15.6	12.8	19.0	14.1	14.0	13.9	13.7	13.9	12.7	76.0	1012.3	4.7	6.6	NØ
19	14.4	11.7	16.4	14.2	14.2	14.1	13.9	14.0	12.7	93.1	1007.4	3.1	5.9	NØ
20	10.4	6.1	13.1	13.4	13.7	13.8	13.8	14.1	12.7	90.8	1008.6	1.9	3.6	N
21	11.6	6.6	13.8	12.9	12.9	13.0	13.2	14.0	12.7	93.3	1003.9	2.3	3.9	NØ
22	13.2	11.7	15.1	13.7	13.6	13.5	13.4	13.9	12.7	82.4	1005.9	3.4	5.9	N
23	12.6	10.1	16.4	13.4	13.4	13.4	13.4	13.9	12.6	79.4	1009.3	2.8	4.5	NØ
24	8.2	1.7	11.9	12.4	12.7	12.9	13.1	13.8	12.6	74.0	1015.1	2.2	4.0	NØ
25	6.1	-0.5	12.5	10.3	10.6	11.0	11.9	13.5	12.6	81.6	1012.2	1.3	3.3	SV
26	7.3	1.6	12.7	9.9	10.2	10.5	11.3	13.1	12.5	86.9	1008.0	2.4	5.6	SØ
27	8.3	3.5	13.8	10.6	10.7	10.8	11.2	12.9	12.4	93.3	1000.6	1.8	4.6	S
28	7.3	1.8	12.8	10.2	10.4	10.7	11.1	12.8	12.3	76.7	1000.2	1.3	3.5	N
29	5.7	0.9	9.8	9.6	10.0	10.3	10.8	12.6	12.2	68.8	1009.4	1.4	2.7	NØ
30	6.3	2.7	8.1	9.0	9.3	9.6	10.3	12.2	12.0	91.2	1004.3	1.5	3.9	Ø
Mid.	11.0	7.1	14.4	13.1	13.1	13.2	13.3	14.0	12.9	86.9	998.4	2.3	4.6	

Høyeste temperatur: 19.0

Laveste temperatur: -0.5

Normal temperatur (1931-1960): 10.9

Normal temperatur (1961-1990): 10.6

DATO	STRÅLING										Jord- varmeflux (MJ/m <sup>2</sup> )	Fordamp- ning (mm)	Nedbør (mm)
	MJ/m <sup>2</sup>			%					E/m <sup>2</sup>	Albedo			
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød	Par				
01	5.27	3.14	2.59	5.8	12.6	23.6	8.5	49.5	12.2	0.26	-0.18	0.3	9.5
02	4.60	4.23	2.54	6.7	15.7	22.8	8.5	46.3	10.9	0.17	-0.32	0.0	2.4
03	9.80	7.19	5.45	5.7	13.2	22.5	8.0	50.7	21.9	0.22	0.12	0.0	0.0
04	8.72	7.53	5.05	5.9	14.5	22.5	8.4	48.7	20.2	0.20	0.16	0.3	8.1
05	15.26	3.78	8.22	4.8	12.3	23.2	5.8	53.9	33.6	0.20	-0.07	1.9	0.0
06	11.46	7.01	6.34	5.4	12.2	23.3	6.8	52.3	25.6	0.21	0.15	1.3	0.7
07	15.37	1.98	8.20	4.7	9.9	23.7	5.7	55.9	33.9	0.22	-0.38	2.2	0.0
08	7.37	6.02	3.88	5.7	13.1	22.2	8.2	50.8	16.5	0.22	-0.46	0.9	6.4
09	2.70	2.50	1.07	7.0	16.8	21.7	10.3	44.1	6.5	0.18	-0.44	0.4	2.9
10	5.11	3.96	2.07	6.6	14.9	23.1	8.1	47.3	11.8	0.22	-0.22	0.4	5.2
11	10.96	6.27	5.98	5.0	10.4	24.6	6.9	53.1	23.9	0.21	0.01	1.3	10.5
12	8.22	4.51	4.29	5.3	12.1	22.9	5.8	54.0	18.3	0.19	0.02	0.9	0.1
13	5.56	4.87	3.04	6.2	14.7	22.9	8.3	47.9	12.7	0.20	-0.11	0.0	2.2
14	4.11	3.61	1.79	6.4	15.3	23.0	9.4	46.1	9.5	0.24	0.02	0.0	0.2
15	7.53	5.39	3.97	5.7	13.3	22.9	7.3	50.7	16.6	0.24	-0.04	0.7	16.3
16	6.73	5.33	3.07	5.6	14.6	21.6	8.0	50.3	15.0	0.26	-0.02	1.5	6.8
17	5.41	4.42	2.61	6.2	13.8	22.0	8.4	49.6	12.0	0.23	0.07	1.3	1.8
18	8.30	5.78	3.58	5.0	11.4	22.2	7.1	54.2	18.2	0.24	0.21	1.8	0.0
19	2.71	2.46	1.24	6.6	17.2	24.0	8.7	43.5	6.4	0.20	0.14	0.7	20.9
20	5.92	4.84	2.84	5.9	13.2	22.3	6.9	51.8	12.9	0.25	-0.31	4.5	0.2
21	4.72	4.09	2.57	6.3	14.3	21.5	7.6	50.4	10.7	0.21	-0.14	1.0	3.0
22	6.65	4.97	3.16	5.5	12.4	22.5	7.0	52.5	14.6	0.23	0.12	2.1	0.0
23	6.86	4.15	3.09	5.2	11.1	22.0	6.7	54.9	14.8	0.24	-0.01	1.8	0.0
24	9.92	3.68	4.64	5.0	9.7	22.8	6.4	56.1	21.5	0.26	-0.44	2.2	0.0
25	11.16	1.96	5.09	4.6	9.1	22.7	4.5	59.0	24.3	0.23	-0.84	1.6	0.3
26	10.66	2.37	4.53	4.6	9.7	22.2	4.7	58.8	22.9	0.26	-0.67	1.5	0.0
27	7.94	4.81	3.68	5.0	11.4	22.4	6.1	55.1	17.1	0.23	-0.19	0.3	0.0
28	10.52	1.91	4.41	4.6	8.7	22.9	4.1	59.7	22.7	0.27	-0.45	1.4	0.0
29	8.15	5.83	3.15	5.0	10.7	22.3	5.8	56.2	17.5	0.28	-0.56	1.4	0.0
30	2.10	2.03	0.87	6.8	16.7	23.7	10.4	42.3	5.0	0.16	-0.52	0.1	6.5
Sum	229.8	130.6	113.0						509.5		-5.36	33.8	104.0
Mid.	7.66	4.35	3.77	5.6	12.8	22.7	7.3	51.5	17.0	0.23	-0.18	1.1	

Normal nedbør (1931-60): 86 mm

Normal nedbør (1961-90): 90 mm

Meteorologiske data for Ås  
Oktober 2001

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	10.5	7.6	14.1	10.0	10.1	10.2	10.3	11.9	11.9	96.4	981.2	4.9	9.1	SØ	
02	12.4	10.2	16.1	11.3	11.1	11.1	10.8	11.9	11.7	90.8	978.8	5.0	9.6	S	
03	12.6	10.3	15.9	11.4	11.4	11.4	11.3	11.9	11.6	83.3	980.1	6.2	8.8	S	
04	10.6	5.0	15.7	10.7	10.9	11.1	11.2	12.0	11.5	81.9	985.5	3.2	6.3	S	
05	9.5	3.2	15.1	9.6	9.8	10.0	10.5	11.9	11.4	85.0	995.1	2.0	4.8	S	
06	11.9	10.2	13.3	11.3	11.3	11.2	11.0	11.9	11.4	96.2	998.6	2.7	4.7	S	
07	11.6	10.4	12.9	11.2	11.2	11.3	11.2	11.9	11.3	99.7	993.2	3.7	6.4	SØ	
08	12.1	11.0	13.2	11.6	11.6	11.6	11.4	12.0	11.3	99.7	991.0	3.3	5.3	SØ	
09	11.7	10.3	12.8	11.7	11.7	11.7	11.6	12.1	11.2	79.6	990.4	3.9	7.2	S	
10	10.5	7.9	13.2	11.4	11.5	11.6	11.6	12.2	11.2	68.4	988.8	3.1	6.8	S	
11	8.3	3.8	10.6	9.2	9.6	10.0	10.7	12.0	11.2	67.0	1001.5	2.5	5.2	S	
12	12.1	7.9	15.7	10.8	10.7	10.7	10.6	11.9	11.2	96.6	1001.4	4.3	9.3	S	
13	10.0	5.3	14.0	10.3	10.5	10.6	10.8	11.8	11.2	98.4	1003.4	2.5	7.7	S	
14	5.9	0.7	10.2	8.8	9.2	9.6	10.2	11.6	11.1	98.4	1008.0	1.0	2.5	Ø	
15	10.3	7.8	12.6	10.0	9.9	10.0	10.1	11.5	11.1	99.6	1007.7	1.7	3.3	SØ	
16	12.1	11.5	12.6	11.3	11.1	11.0	10.7	11.5	11.0	100.0	1009.0	2.0	3.6	SØ	
17	8.4	4.0	13.8	10.0	10.3	10.6	10.7	11.6	10.9	94.5	1012.7	1.1	3.3	NV	
18	6.4	2.7	10.8	8.8	9.2	9.5	10.0	11.4	10.9	96.2	1012.4	0.9	2.5	N	
19	6.5	2.8	11.6	8.9	9.1	9.3	9.7	11.4	10.8	94.3	1010.0	0.8	2.1	N	
20	5.9	4.0	7.4	8.4	8.7	8.9	9.4	11.1	10.8	97.6	1007.7	1.1	2.2	N	
21	7.8	4.7	9.6	9.1	9.2	9.2	9.4	11.1	10.7	98.3	1002.6	0.9	3.8	N	
22	3.0	-1.2	6.0	7.0	7.7	8.2	9.0	10.7	10.6	88.6	1007.4	1.6	3.6	N	
23	0.8	-4.2	5.3	4.7	5.5	6.1	7.5	10.2	10.5	81.5	1015.4	0.9	2.9	NØ	
24	3.0	-2.7	6.8	5.0	5.4	5.8	6.8	9.6	10.4	81.5	1014.0	1.7	4.1	SØ	
25	4.5	2.7	8.1	6.0	6.2	6.4	7.0	9.3	10.2	95.7	1007.0	1.4	3.6	Ø	
26	11.3	8.2	12.3	8.5	8.2	8.0	7.8	9.2	10.0	98.5	997.1	6.7	9.6	S	
27	10.4	7.8	12.1	9.6	9.6	9.5	9.1	9.8	9.8	92.2	989.9	5.2	10.8	S	
28	8.0	3.6	11.7	8.1	8.4	8.6	8.9	10.1	9.7	81.3	991.6	2.2	6.5	NV	
29	6.3	1.7	9.6	6.9	7.2	7.5	8.1	10.1	9.7	93.5	988.3	2.8	6.7	S	
30	8.2	6.4	9.5	7.1	7.4	7.6	8.0	10.2	9.7	75.7	982.4	2.7	6.5	S	
31	6.6	1.8	10.8	7.1	7.4	7.5	7.9	9.7	9.6	89.0	976.9	4.0	7.7	NV	
Mid.	8.7	5.3	11.7	9.2	9.4	9.5	9.8	11.1	10.8	90.3	997.7	2.8	5.7		

Høyeste temperatur: 16.1  
 Laveste temperatur: -4.2  
 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			% UV Blå Grønn Rød IRød									
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød					
01	1.76	1.35	-0.06	5.7	15.1	23.7	7.1	48.4	4.1	0.30	-0.07		24.7
02	9.02	3.26	3.40	4.6	10.3	22.6	5.1	57.4	19.6	0.26	0.28		0.0
03	4.51	3.44	0.53	5.8	13.1	21.7	7.6	51.8	10.1	0.27	0.02		0.0
04	6.37	4.11	1.86	5.4	11.0	22.4	6.0	55.2	14.0	0.26	-0.29		0.0
05	8.16	1.82	3.79	4.7	8.1	22.9	3.3	61.0	18.1	0.22	-0.37		0.0
06	3.10	2.79	1.29	5.9	13.9	22.8	7.4	49.9	6.9	0.24	0.22		2.6
07	0.63	0.64	0.09	7.6	21.8	21.4	11.9	37.3	1.6	0.17	0.00		29.3
08	1.58	1.58	0.48	6.8	17.8	22.9	10.4	42.1	3.7	0.23	0.15		6.2
09	2.13	2.16	1.02	6.6	15.8	21.4	8.4	47.8	4.8	0.23	0.22		16.5
10	4.88	4.76	1.42	5.7	13.1	23.6	5.4	52.2	10.7	0.22	-0.10		10.1
11	3.72	2.97	0.09	5.3	11.7	20.2	3.4	59.4	8.0	0.17	-0.84		1.5
12	4.08	3.20	1.53	5.8	14.3	22.6	7.3	50.0	9.1	0.25	0.24		1.5
13	3.49	3.08	1.69	5.9	14.7	22.1	7.2	50.1	7.7	0.22	-0.21		0.0
14	6.96	1.96	2.83	4.8	8.0	23.6	2.7	60.9	15.3	0.25	-0.71		0.0
15	0.77	0.76	0.45	6.5	17.0	24.9	9.8	41.8	1.9	0.16	0.04		5.4
16	0.77	0.76	0.48	6.7	18.4	25.0	6.9	43.0	1.8	0.19	0.31		5.8
17	5.25	2.23	2.04	5.1	9.2	24.4	4.6	56.6	11.5	0.25	-0.46		0.0
18	4.07	3.25	1.87	5.6	11.0	23.7	6.1	53.6	8.8	0.23	-0.59		0.0
19	4.52	3.23	1.67	5.3	8.7	24.3	6.9	54.8	9.8	0.26	-0.35		0.0
20	1.44	1.45	0.64	6.8	15.9	23.3	8.3	45.6	3.2	0.15	-0.47		0.0
21	1.20	1.19	0.39	6.0	16.2	23.6	8.0	46.2	2.7	0.17	-0.10		0.2
22	2.16	2.16	-0.42	6.3	13.7	19.5	8.1	52.4	4.5	0.17	-1.19		0.0
23	5.25	1.49	0.88	4.6	7.6	22.2	1.8	63.7	10.7	0.23	-1.40		0.4
24	2.16	2.09	0.46	6.7	15.2	22.3	8.1	47.7	4.7	0.16	-0.80		0.0
25	0.64	0.67	0.19	7.5	19.6	21.2	6.6	45.1	1.5	0.15	-0.38		2.8
26	0.34	0.37	0.24	7.7	18.5	22.7	14.7	36.3	0.8	0.20	0.71		9.7
27	4.21	1.85	-0.21	4.9	11.6	22.1	2.2	59.1	8.9	0.24	0.22		6.4
28	3.68	2.07	0.03	5.4	10.2	25.0	0.4	59.0	7.8	0.24	-0.48		2.2
29	2.11	1.68	-0.11	5.8	13.2	17.8	7.1	56.1	4.4	0.18	-0.55		3.3
30	1.41	1.34	-0.91	6.7	14.9	28.2	1.4	48.8	3.0	0.23	-0.46		4.0
31	0.58	0.54	-1.14	6.7	23.7	29.4	2.1	38.0	1.3	0.26	-0.50		10.4
Sum	101.0	64.3	26.5						221.0		-7.89		143.0
Mid.	3.26	2.07	0.85	6.0	14.0	23.0	6.3	50.7	7.1	0.22	-0.25		

Normal nedbør (1931-60): 86 mm  
 Normal nedbør (1961-90): 100 mm

Meteorologiske data for Ås  
November 2001

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	5.1	1.1	8.6	4.8	5.4	5.9	6.9	9.3	9.5	60.6	1004.9	3.5	7.2	NV
02	6.7	1.8	9.8	5.4	5.6	5.8	6.4	8.9	9.4	86.7	1011.3	3.0	6.6	S
03	9.1	6.4	11.9	6.3	6.5	6.6	6.8	8.7	9.3	67.1	1000.6	5.3	9.1	SV
04	5.8	0.8	9.0	5.4	5.8	6.1	6.6	8.7	9.2	82.2	988.3	4.3	7.6	S
05	0.5	-3.1	5.7	2.9	3.7	4.4	5.6	8.3	9.0	72.6	993.4	1.9	5.7	V
06	-1.1	-3.3	0.9	1.8	2.5	3.0	4.4	7.9	8.9	84.5	987.7	1.9	3.8	N
07	-1.8	-5.9	2.5	0.9	1.6	2.2	3.7	7.3	8.7	91.7	978.0	2.1	4.5	SØ
08	-1.2	-2.8	-0.3	0.7	1.3	1.8	3.1	6.9	8.6	74.4	979.0	4.9	8.2	N
09	-1.0	-3.1	2.3	0.8	1.3	1.7	2.9	6.4	8.3	61.3	1000.3	2.8	6.9	NV
10	4.6	-1.4	8.5	1.6	1.9	2.1	2.8	6.0	8.1	83.9	994.8	6.1	9.6	SV
11	5.9	2.1	8.4	2.6	2.8	3.0	3.5	6.1	7.9	51.5	987.3	5.6	11.7	V
12	1.7	-2.0	4.8	0.9	1.5	1.9	3.0	6.0	7.7	51.0	991.1	2.8	5.1	NV
13	0.1	-4.1	2.9	0.4	0.9	1.3	2.4	5.9	7.5	61.9	1001.1	1.5	3.3	N
14	-2.7	-7.1	2.5	0.1	0.6	1.0	2.1	5.2	7.3	77.3	1014.7	1.5	4.7	S
15	5.8	0.5	12.6	0.1	0.5	0.9	1.8	5.0	7.1	57.7	1003.0	5.2	10.7	NV
16	0.0	-4.0	4.2	0.1	0.5	0.9	1.8	4.8	6.9	89.2	1017.9	1.3	4.5	NØ
17	4.9	-1.3	8.8	0.1	0.5	0.8	1.7	4.7	6.7	68.1	1009.1	2.2	4.8	S
18	1.3	-2.0	6.3	0.1	0.5	0.8	1.6	4.5	6.6	85.8	1004.6	0.9	2.9	Ø
19	-1.6	-4.8	4.3	0.0	0.4	0.7	1.5	4.4	6.4	95.2	1009.5	0.9	2.4	NØ
20	-3.5	-6.6	-1.2	-0.2	0.2	0.6	1.4	4.1	6.2	100.0	1006.0	0.9	2.5	NØ
21	4.8	-3.7	7.3	-0.1	0.2	0.6	1.3	4.0	6.1	92.5	988.9	4.1	9.7	SV
22	1.4	-0.6	3.4	0.0	0.3	0.6	1.3	4.0	5.9	59.7	985.4	3.3	9.6	NV
23	-0.8	-6.3	2.6	-0.1	0.2	0.6	1.3	3.9	5.8	55.9	1001.5	3.2	13.7	N
24	-1.5	-6.0	0.6	-0.2	0.1	0.4	1.2	3.9	5.7	92.5	1003.3	1.2	4.7	SØ
25	2.1	-0.2	7.0	-0.1	0.2	0.5	1.1	3.7	5.6	99.8	997.8	2.4	7.2	N
26	1.6	-4.6	7.1	-0.1	0.2	0.5	1.0	3.6	5.5	99.2	992.8	1.2	6.8	NØ
27	-1.8	-5.5	0.3	-0.1	0.2	0.5	1.1	3.5	5.3	98.3	996.9	1.9	5.4	NØ
28	1.1	0.1	1.8	0.0	0.3	0.5	1.1	3.5	5.2	96.7	995.4	2.5	3.7	NØ
29	1.6	0.8	2.3	0.0	0.3	0.6	1.1	3.4	5.1	94.8	1002.7	2.4	5.2	Ø
30	1.7	0.9	2.3	0.0	0.4	0.6	1.1	3.4	5.0	89.3	1007.3	4.0	5.5	SØ
Mid.	1.6	-2.1	4.9	1.1	1.5	1.9	2.7	5.5	7.1	79.4	998.5	2.8	6.4	

Høyeste temperatur: 12.6

Laveste temperatur: -7.1

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	4.12	0.90	-1.67	4.6		28.6		66.8	8.3	0.20	-1.20		0.0
02	0.86	0.77	-0.54	6.3		47.9		45.8	1.9	0.21	-0.32		0.1
03	3.82	0.94	-1.94	4.6		28.7		66.7	7.8	0.27	-0.29		
04	1.50	1.28	-2.03	7.8		41.6		50.6	3.2	0.24	-0.69		
05	3.59	1.02	-1.57	4.6		26.4		69.0	7.1	0.30	-1.50		1.0
06	1.35	1.30	-0.77	6.1		45.0		48.9	2.9	0.15	-1.10		0.1
07	1.57	1.32	-1.54	5.8		37.9		56.3	3.2	0.23	-1.35		0.0
08	1.79	1.68	-1.62	5.5		39.9		54.6	3.6	0.29	-1.14		0.0
09	3.27	1.04	-2.80	4.7		23.7		71.6	6.4	0.39	-0.98		0.0
10	0.65	0.59	-1.40	6.9		51.7		41.4	1.5	0.17	-0.47		0.0
11	3.02	0.82	-3.58	4.4		25.3		70.3	6.1	0.33	-0.47		0.0
12	2.91	0.81	-3.53	4.5		23.8		71.7	5.9	0.26	-1.08		1.0
13	1.86	1.38	-1.70	5.7		33.7		60.6	3.9	0.21	-0.95		0.0
14	2.66	0.86	-2.49	4.5		22.4		73.1	5.4	0.20	-0.92		0.0
15	1.58	1.16	-2.08	6.1		44.0		49.9	3.4	0.30	-0.79		0.0
16	2.01	1.40	-1.36	4.6		28.3		67.1	4.2	0.20	-0.73		0.0
17	1.18	1.13	-1.27	5.9		43.2		50.9	2.4	0.33	-0.70		0.0
18	1.48	1.13	-1.21	4.5		27.0		68.5	3.0	0.10	-0.67		0.0
19	1.78	1.24	-1.62	5.2		29.1		65.7	3.8	0.19	-0.70		0.0
20	1.11	0.93	-0.09	5.7		42.3		52.0	2.3	0.14	-0.69		0.0
21	0.59	0.54	-1.16	6.7		42.4		50.9	1.2	0.22	-0.62		0.3
22	1.43	1.05	-2.84	5.4		35.8		58.9	2.9	0.20	-0.57		0.1
23	1.98	0.98	-3.69	4.4		20.2		75.3	4.0	0.26	-0.63		0.1
24	0.76	0.77	0.10	6.6		44.3		49.2	1.7	0.08	-0.62		
25	0.23	0.26	0.19	7.7		40.7		51.6	0.5	0.22	-0.55		
26	1.38	0.73	-0.40	5.4		32.9		61.7	2.9	0.31	-0.48		18.7
27	0.38	0.33	0.06	7.1		40.8		52.1	0.8		-0.49		0.3
28	0.66	0.69	-0.13	5.8		45.7		48.5	1.4	0.34	-0.48		0.2
29	0.31	0.31	-0.08	6.4		50.4		43.2	0.6	0.18	-0.46		0.1
30	0.45	0.46	-0.04	6.8		45.6		47.7	0.9	0.21	-0.44		3.1
Sum	50.3	27.8	-42.8						103.3		-22.06		25.1
Mid.	1.68	0.93	-1.43	5.7		36.3		58.0	3.4	0.23	-0.74		

Normal nedbør (1931-60): 83 mm

Normal nedbør (1961-90): 79 mm

\* P. g. a. usikkerhet ved fordelingen når det er lite innstråling er blå, grønn/gul og rød slått sammen.

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

Meteorologiske data for Ås  
Desember 2001

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	1.2	0.6	2.3	0.1	0.4	0.7	1.1	3.4	4.9	94.7	1005.7	4.0	5.2	SØ
02	2.5	1.5	5.9	0.2	0.6	0.8	1.2	3.3	4.8	96.8	1012.5	2.3	5.1	N
03	1.8	1.1	2.6	1.0	1.2	1.3	1.4	3.3	4.7	97.7	1016.4	1.5	2.8	SØ
04	0.6	0.2	1.2	1.2	1.4	1.5	1.7	3.4	4.6	98.5	1006.2	2.1	4.7	Ø
05	0.1	-0.1	0.4	1.1	1.3	1.5	1.7	3.6	4.5	96.5	1002.4	1.6	3.0	N
06	-2.6	-7.1	0.0	1.1	1.3	1.5	1.8	3.5	4.5	99.1	1013.1	1.7	3.6	N
07	-5.8	-8.4	-1.1	0.4	0.7	1.0	1.5	3.2	4.5	95.5	1027.4	1.2	3.8	N
08	3.0	-1.3	4.8	0.7	0.8	1.1	1.4	3.2	4.5	97.2	1024.8	3.2	6.2	S
09	1.4	-0.2	3.3	1.7	1.8	2.1	1.9	3.2	4.5	97.7	1023.9	1.3	2.1	N
10	0.1	-1.9	3.1	1.2	1.5	1.8	2.0	3.3	4.4	96.8	1025.5	0.7	1.8	N
11	-2.2	-4.3	0.5	0.3	0.7	1.2	1.6	3.4	4.3	96.6	1025.8	0.5	1.1	NØ
12	-4.5	-6.9	-0.7	0.0	0.4	0.8	1.3	3.2	4.3	93.2	1025.5			Ø
13	-5.3	-7.3	-3.7	-0.2	0.2	0.5	1.0	3.0	4.3	96.0	1027.6			V
14	-2.5	-5.9	-0.1	-0.2	0.1	0.5	0.8	3.1	4.3	96.4	1028.5			NØ
15	-1.1	-5.7	0.6	-0.1	0.1	0.5	0.8	3.0	4.2	97.4	1030.4	0.4	1.2	NØ
16	-4.3	-7.8	-0.8	-0.5	0.0	0.4	0.8	2.8	4.1	88.1	1025.9	4.3		NV
17	-2.1	-4.8	0.9	-0.6	-0.1	0.3	0.6	2.7	4.1	88.0	1021.9	1.2	3.5	N
18	-2.9	-4.7	1.4	-0.8	-0.3	0.1	0.6	2.7	4.1	90.1	1013.1	1.0	4.5	Ø
19	-0.2	-6.5	4.1	-0.7	-0.4	0.0	0.5	2.6	4.0	51.1	994.9	5.7		N
20	-5.4	-10.5	-0.5	-1.4	-0.8	-0.2	0.4	2.7	3.9	65.3	996.3	2.8	8.6	SØ
21	-6.0	-11.2	-4.3	-2.0	-1.2	-0.6	0.2	2.4	3.8	72.7	979.2	3.5	7.1	N
22	-11.2	-15.6	-8.9	-2.8	-1.9	-1.2	0.1	2.2	3.7	83.9	994.8	1.3	3.6	Ø
23	-9.1	-12.1	-4.5	-2.6	-2.1	-1.5	-0.1	2.1	3.7	90.3	992.9	1.0	2.8	Ø
24	-5.9	-12.3	-4.3	-1.5	-1.3	-0.9	-0.2	2.1	3.6	92.1	975.7	1.4	3.0	N
25	-9.0	-13.1	-5.8	-1.4	-1.2	-0.8	-0.2	2.1	3.5	89.1	968.6	2.4	4.2	N
26	-13.5	-16.1	-10.0	-1.7	-1.3	-0.9	-0.2	2.1	3.4	92.1	978.6	0.6	1.7	NØ
27	-8.7	-10.6	-7.3	-1.4	-1.2	-0.9	-0.3	2.0	3.4	92.1	986.3	1.8	3.8	N
28	-10.5	-13.5	-6.5	-1.6	-1.3	-0.9	-0.3	1.9	3.3	85.1	984.9	4.1	7.1	N
29	-7.6	-10.8	-5.7	-1.7	-1.4	-1.0	-0.4	1.8	3.3	75.2	988.6	5.6	7.5	N
30	-13.5	-19.8	-10.9	-2.3	-1.8	-1.2	-0.4	1.8	3.2	72.7	997.4	2.8	5.0	N
31	-19.7	-23.7	-14.4	-3.0	-2.4	-1.8	-0.6	1.8	3.1	87.0	1006.9	0.8	2.1	NØ
Mid.	-4.6	-7.7	-1.9	-0.6	-0.2	0.2	0.7	2.7	4.1	89.2	1006.5	2.2	4.0	

Høyeste temperatur: 5.9

Laveste temperatur: -23.7

Normal temperatur (1931-1960): -2.3

Normal temperatur (1961-1990): -3.4

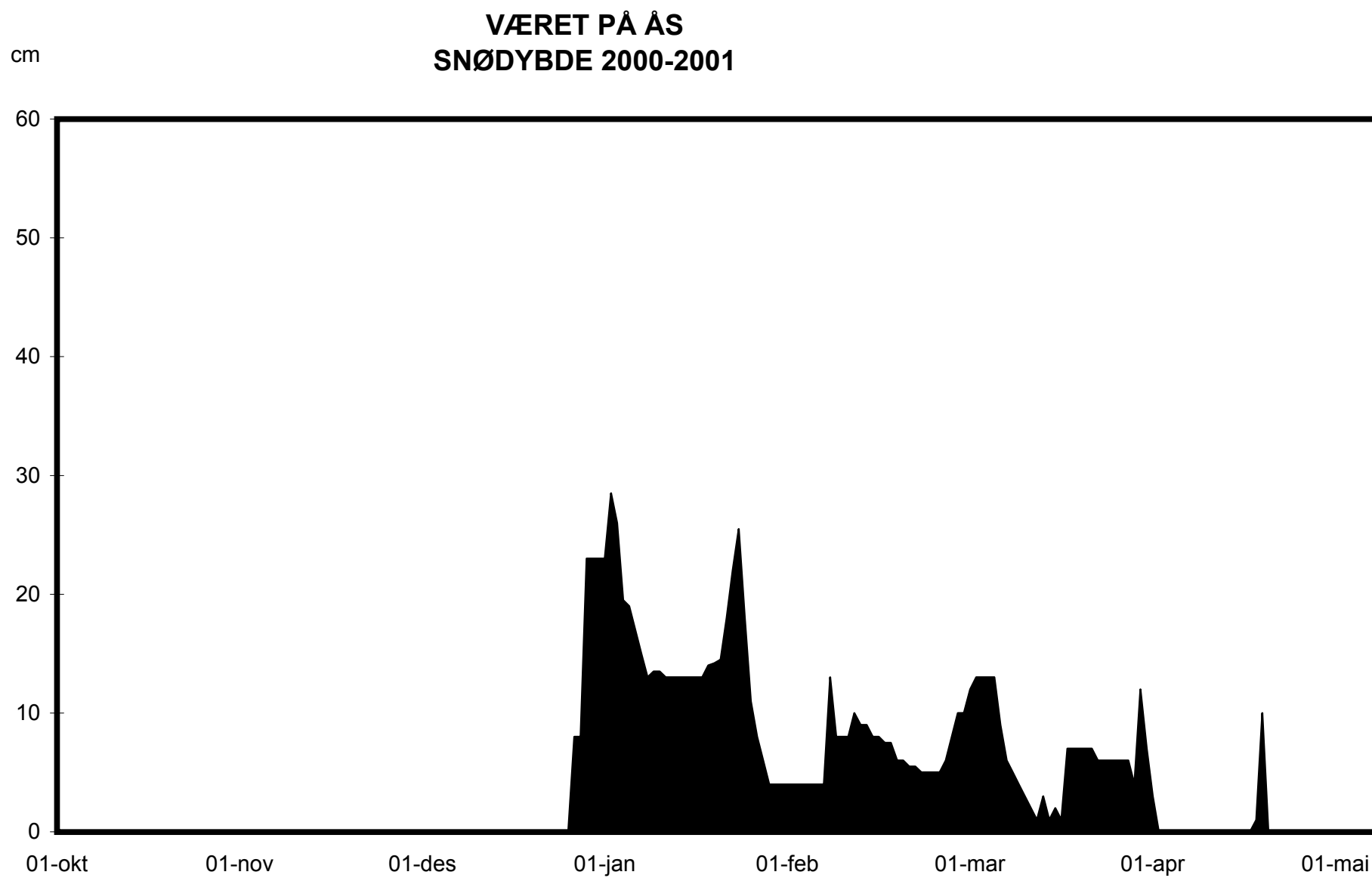
DATO	STRÅLING									Jord- varmeflux (MJ/m2)	Fordamp ning (mm)	Nedbør (mm) **	
	MJ/m2			* %									E/m2 Par
	Global	Diffus	Balanse	UV	Blå	Grønn	Rød	IRød					
01	0.23	0.24	-0.05	8.0		56.8		35.2	0.5	0.23	-0.33		
02	0.67	0.67	0.28	5.9		41.3		52.8	1.3	0.13	-0.24		
03	0.28	0.28	0.11	7.4		55.9		36.7	0.6	0.26	-0.01		12.0
04	0.43	0.41	-0.04	7.2		50.3		42.5	0.9	0.26	-0.22		2.5
05	0.79	0.73	-0.26	6.3		40.9		52.9	1.7	0.80	-0.26		8.6
06	0.90	0.81	-0.85	6.9		43.8		49.3	2.0	0.96	-0.33		0.9
07	1.65	0.89	-0.57	3.3		23.7		73.0	2.6	0.44	-0.54		0.0
08	0.34	0.36	0.34	7.5		47.5		45.0	0.8	0.36	-0.19		
09	0.37	0.36	0.17	6.9		42.0		51.1	0.8	0.11	0.01		
10	0.93	0.60	-0.48	5.6		33.5		60.9	2.1	0.20	-0.38		4.2
11	1.01	0.72	-0.01	5.2		30.5		64.4	2.1	0.19	-0.60		1.0
12	1.12	0.56	0.28	4.6					2.3	0.30	-0.55		0.0
13	0.53	0.48	0.13	6.1		42.7		51.2	1.1	0.10	-0.54		0.4
14	0.81	0.63	0.03	5.2		33.3		61.6	1.6	0.37	-0.48		0.0
15	0.54	0.55	0.09	6.7		47.0		46.3	1.1	0.43	-0.44		
16	1.21	0.57	-0.16	4.0		13.9		82.1	2.0	0.25	-0.62		
17	0.87	0.61	-1.97	5.4		22.6		72.0	1.8	0.14	-0.89		0.1
18	0.92	0.72	-1.31	5.1		32.6		62.3	1.9	0.34	-0.98		0.0
19	0.91	0.59	-3.77	4.6		32.2		63.2	1.7	0.27	-0.70		0.0
20	0.42	0.44	-2.48	4.7		27.5		67.8	0.6	0.29	-1.33		
21	0.55	0.49	-2.80	5.7		48.6		45.7	1.1	0.29	-1.50		
22	0.94	0.55	-2.93	5.1		17.8		77.1	1.7	0.18	-1.80		
23	0.61	0.60	-0.78	6.1		41.9		52.0	1.2	0.38	-1.20		
24	0.62	0.61	-0.40	6.5		50.1		43.4	1.3	0.89	-0.42		
25	1.01	0.46	-1.03	5.6		39.8		54.6	2.1	0.61	-0.50		
26	0.73	0.59	-0.14	7.3		34.1		58.6	1.4	0.63	-0.56		8.5
27	0.34	0.34	-0.39	8.5		53.8		37.7	0.8	0.88	-0.43		0.2
28	0.38	0.35	-1.66	12.4		48.8		38.8	0.9	0.96	-0.58		0.0
29	0.72	0.66	-1.96	6.8		44.2		49.0	1.4	0.82	-0.61		
30	1.03	0.61	-3.50	5.8		11.1		83.1	1.9	0.75	-0.86		
31	1.32	0.88	-0.41	4.5		20.5		75.0	2.2	0.57	-1.18		
Sum	23.2	17.4	-26.5						45.3		-19.27		38.4
Mid.	0.75	0.56	-0.85	6.1		37.6		56.2	1.5	0.44	-0.62		

Normal nedbør (1931-60): 72 mm

Normal nedbør (1961-90): 53 mm

\* P. g. a. usikkerhet ved fordelingen når det er lite innstråling er blå, grønn/gul og rød slått sammen.

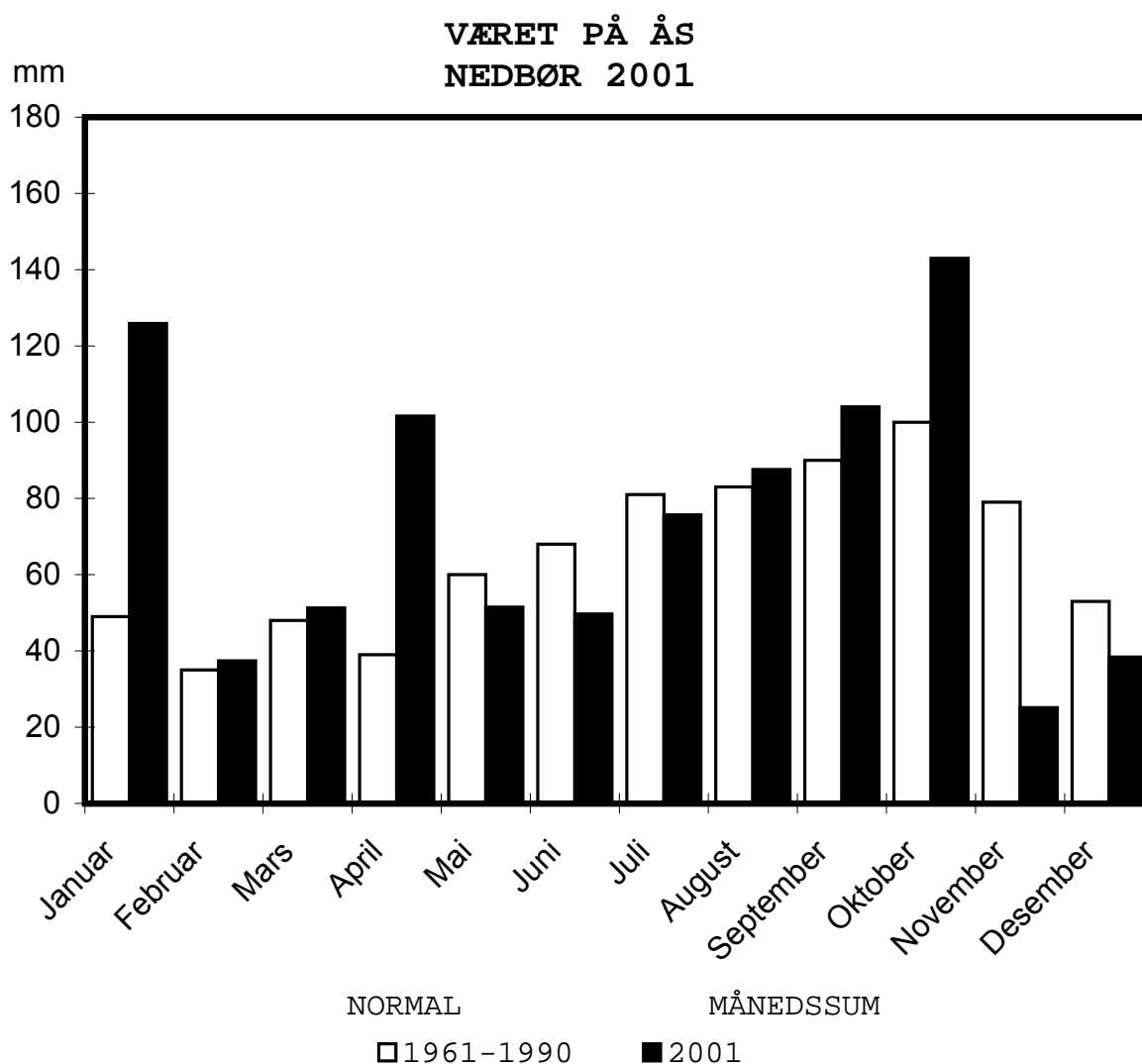
\*\* Nedbør er registrert manuelt kl. 8 på hverdager.



Figur 1.



Måned	Nedbør mm	
	1961-1990	2001
Januar	49	125.9
Februar	35	37.4
Mars	48	51.3
April	39	101.6
Mai	60	51.5
Juni	68	49.7
Juli	81	75.7
August	83	87.6
September	90	104.0
Oktober	100	143.0
November	79	25.1
Desember	53	38.4
Året	785	891.2



Figur 2.

