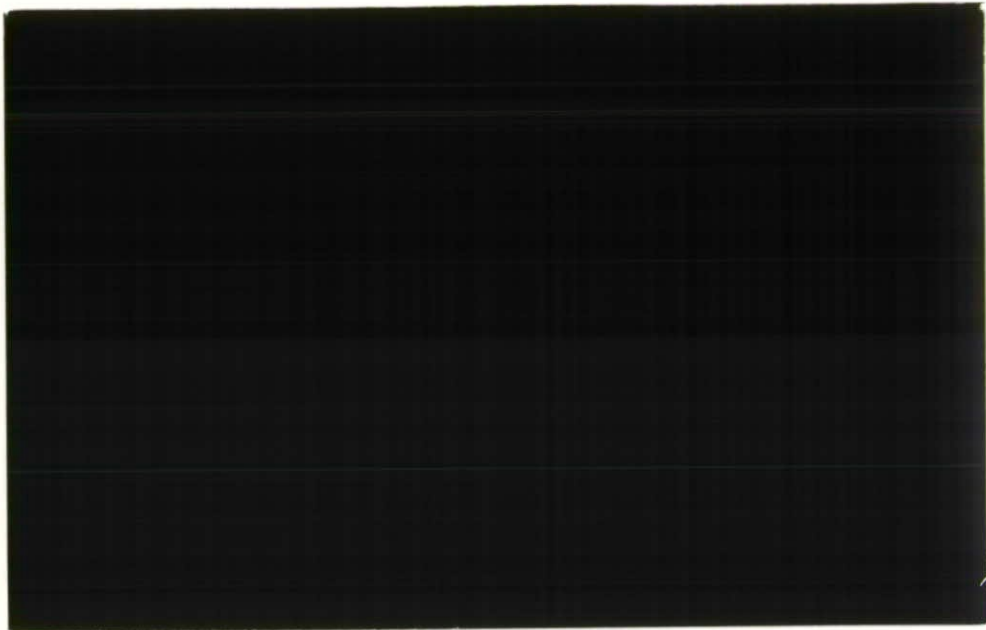
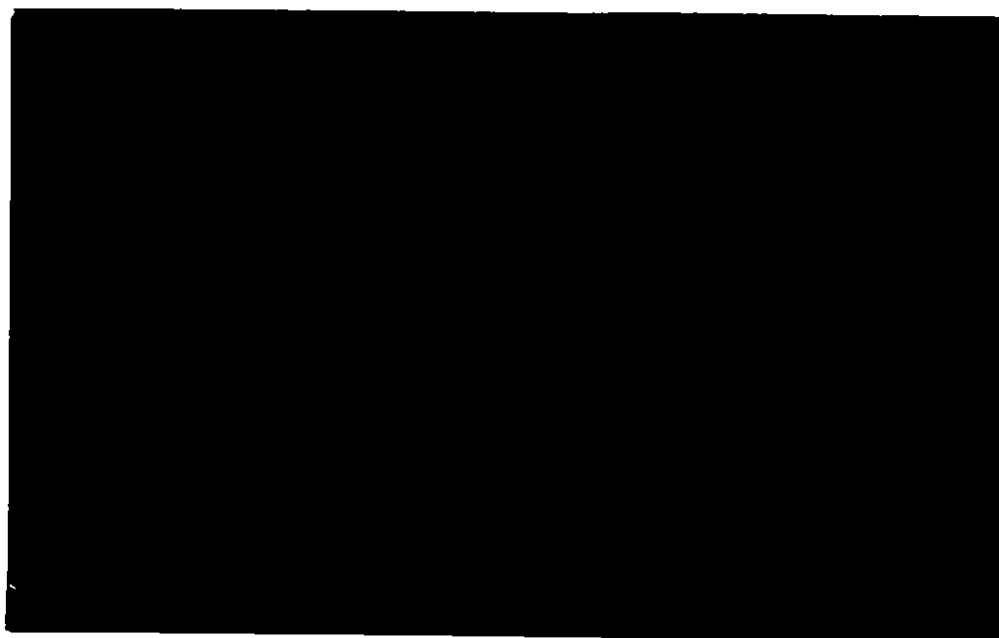




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APPENDICES 5 - 9

APPENDIX 5 - Detailed meteorological data

Table A5/1 Rainfall measured at ADAS Rosemaund, January 1993
(Long-term 40 yr mean, 1951-1992).

January CSTR 011/8 Day No.	Date	Electronic raingauge (mm)	Rosemaund daily gauge (mm)	Long-term mean (mm)
	1	0.0	0.0	
	2	0.0	0.0	
	3	0.0	1.6	
	4	1.6	1.4	
	5	4.4	4.2	
-34	6	1.0	2.4	
-33	7	0.0	0.2	
-32	8	0.0	1.1	
-31	9	1.0	8.9	
-30	10	11.8	8.9	
-29	11	2.4	0.0	
-28	12	3.0	4.7	
-27	13	15.4	9.2	
-26	14	0.0	3.3	
-25	15	3.0	0.8	
-24	16	0.2	0.2	
-23	17	0.2	0.0	
-22	18	1.0	1.6	
-21	19	0.2	1.2	
-20	20	0.6	0.0	
-19	21	1.6	2.0	
-18	22	0.2	1.6	
-17	23	0.0	2.4	
-16	24	0.8	0.8	
-15	25	0.0	0.0	
-14	26	0.2	0.7	
-13	27	0.8	0.5	
-12	28	0.0	0.2	
-11	29	0.0	0.0	
-10	30	0.0	0.0	
-9	31	0.0	0.0	
Total		49.4	68.5	62.0

**Table A5/2 Rainfall measured at ADAS Rosemaund, February 1993
(Long-term 40 yr mean, 1951-1992).**

February CSTR011/8 DayNo.	Date	Electronic raingauge (mm)	Rosemaund daily gauge (mm)	Long-term mean (mm)
-8	1	0.0	0.0	
-7	2	0.0	0.0	
-6	3	0.0	0.0	
-5	4	0.0	0.0	
-4	5	0.0	0.0	
-3	6	0.0	0.0	
-2	7	0.0	0.0	
-1	8	0.0	0.0	
0	9	0.2	0.0	
1	10	0.0	0.0	
2	11	0.0	0.0	
3	12	0.0	0.0	
4	13	0.2	0.0	
5	14	0.0	1.2	
6	15	1.0	0.0	
7	16	0.0	0.0	
8	17	0.0	0.0	
9	18	0.0	0.0	
10	19	0.0	0.0	
11	20	0.0	0.0	
12	21	0.0	0.0	
13	22	0.2	0.0	
14	23	0.0	0.0	
15	24	0.0	0.0	
16	25	1.0	2.3	
17	26	0.2	0.0	
18	27	0.0	0.0	
19	28	0.0	0.0	
Total		2.8	3.5	43.0

Table A5/3 Rainfall measured at ADAS Rosemaund, March 1993
(Long-term 40 yr mean, 1951-1992).

March CSTR 011/8 Day No.	Date	Electronic raingauge (mm)	Rosemaund daily gauge (mm)	Long-term mean (mm)
20	1	0.4	0.8	
21	2	0.2	0.0	
22	3	0.0	0.0	
23	4	0.0	0.0	
24	5	0.0	0.0	
25	6	0.0	0.0	
26	7	0.0	0.0	
27	8	0.0	0.0	
28	9	0.0	0.0	
29	10	0.2	0.0	
30	11	0.0	0.0	
31	12	0.0	0.0	
32	13	0.0	0.0	
33	14	0.0	0.0	
34	15	0.0	0.6	
35	16	0.4	0.0	
36	17	0.0	0.0	
37	18	0.0	0.0	
38	19	0.2	0.0	
39	20	0.0	0.0	
40	21	1.4	4.4	
41	22	3.4	1.4	
42	23	0.0	0.0	
43	24	0.2	0.0	
44	25	0.0	0.0	
45	26	0.0	0.0	
46	27	0.0	0.0	
47	28	0.0	0.0	
48	29	0.0	0.5	
49	30	0.6	0.3	
50	31	5.0	6.9	
Total		12.0	14.9	49.0

Table A5/4 Rainfall measured at ADAS Rosemaund, April 1993
(Long-term 40 yr mean, 1951-1992).

April CSTR 011/8 Day No.	Date	Electronic raingauge (mm)	Rosemaund daily gauge (mm)	Long-term mean (mm)
51	1	0.0	0.0	
52	2	1.6	1.1	
53	3	3.0	4.5	
54	4	0.0	5.9	
55	5	5.4	2.4	
56	6	1.6	10.1	
57	7	7.8	0.5	
58	8	0.6	10.0	
59	9	9.2	1.1	
60	10	0.8	3.3	
61	11	6.6	6.1	
62	12	3.2	2.6	
63	13	0.0	0.1	
64	14	0.0	0.0	
65	15	0.0	0.0	
66	16	0.0	0.0	
67	17	0.0	0.0	
68	18	0.0	0.0	
69	19	0.0	0.0	
70	20	0.0	0.0	
71	21	0.0	0.0	
72	22	0.0	1.1	
73	23	2.2	1.5	
74	24	0.4	1.6	
75	25	1.4	0.4	
76	26	3.6	4.2	
77	27	0.0	0.2	
78	28	0.0	0.0	
79	29	0.0	0.0	
80	30	0.0	0.0	
Total		47.4	56.6	43.0

Table A5/5 Rainfall measured at ADAS Rosemaund, May 1993
(Long-term 40 yr mean, 1951-1992).

May CSTR011/8 Day N0.	Date	Electronic rain gauge (mm)	Rosemaund daily gauge (mm)	Long-term mean (mm)
81	1	0.0	0.0	
82	2	0.0	0.0	
83	3	0.0	0.0	
84	4	0.0	0.0	
85	5	0.0	0.0	
86	6	0.0	0.0	
87	7	0.0	0.0	
88	8	0.0	0.2	
89	9	0.6	0.3	
90	10	2.0	3.0	
91	11	0.2	0.1	
92	12	0.2	0.6	
93	13	0.0	0.3	
94	14	0.4	0.0	
95	15	0.0	0.0	
96	16	3.4	5.9	
97	17	5.0	5.0	
98	18	1.6	3.7	
99	19	1.8	0.0	
100	20	7.2	10.0	
101	21	2.2	0.1	
102	22	2.8	4.3	
103	23	1.4	0.4	
104	24	1.0	0.5	
105	25	0.0	12.0	
106	26	16.2	6.7	
107	27	0.8	0.5	
108	28	0.2	0.0	
109	29	4.6	6.8	
110	30	1.6	1.2	
111	31	0.0	0.3	
Total		53.2	61.9	52.0

Rosemaund Rainfall Jan-Mar 1988 to 1993

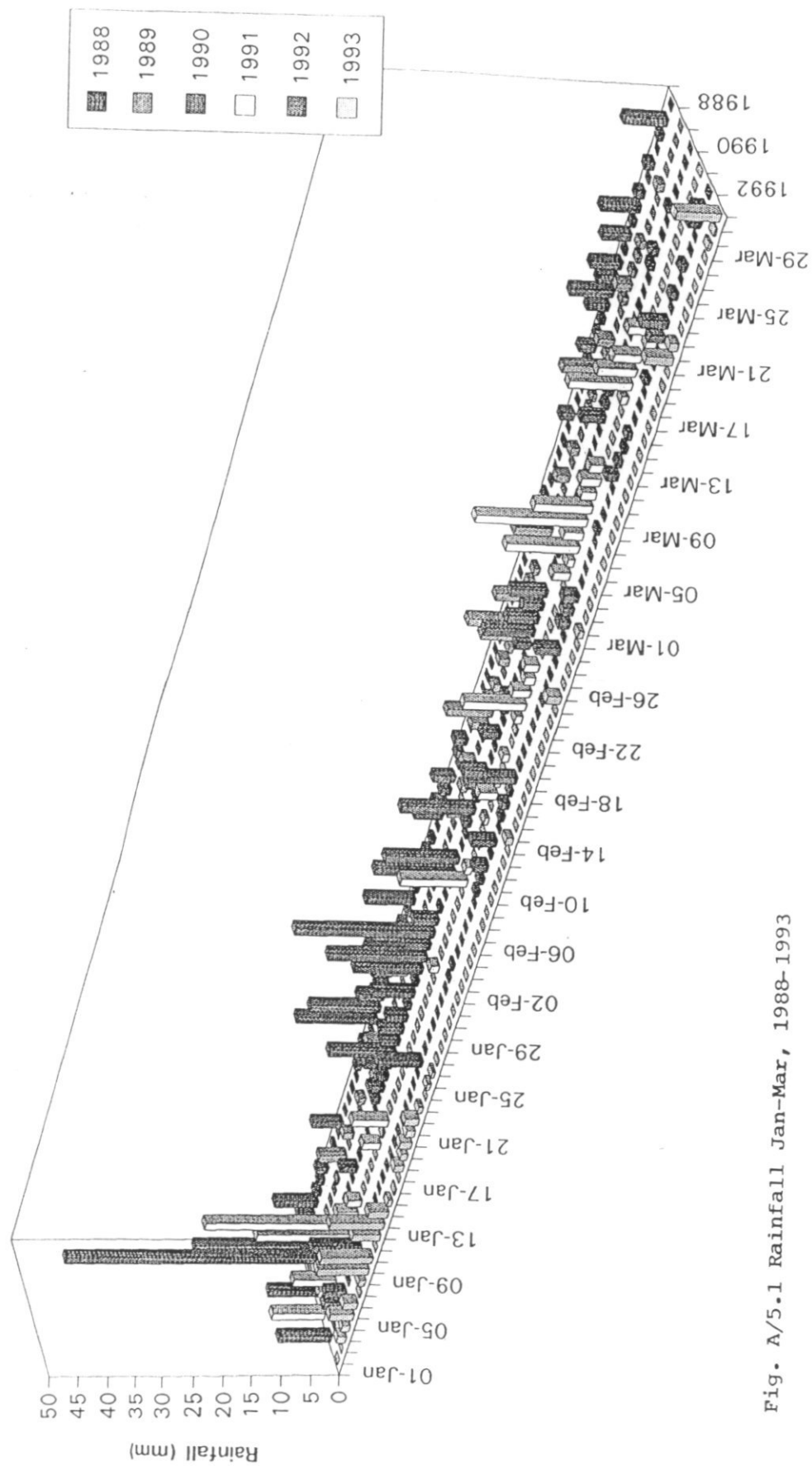


Fig. A/5.1 Rainfall Jan-Mar, 1988-1993

Rosemaund Rainfall Apr-May 1988 to 1993

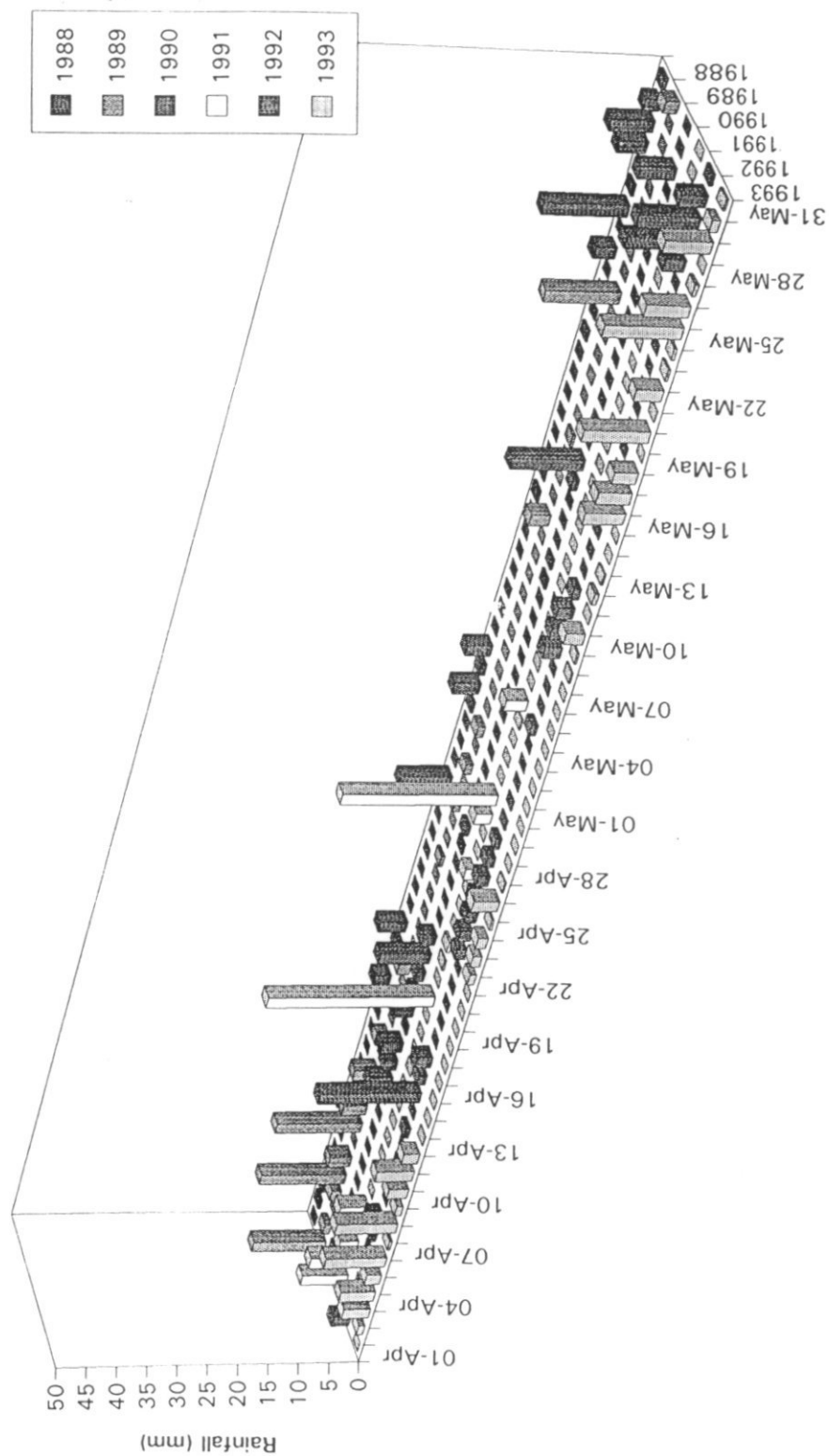


Fig. A/5.2 Rainfall April-May, 1988-1993

**Table A5/6 Air and soil temperatures measured at ADAS Rosemaund
January 1993**

January CSTR 011/8 Day No.	Date	Air temperature (°C)		Soil temperature (°C)			
		Maximum	Minimum	at 10cm	at 20cm	at 30cm	at 50cm
	1	1.1	3.4	1.1	2.2	3.3	4.3
	2	1.6	3.0	1.4	2.4	3.3	4.2
	3	3.2	3.6	1.1	2.1	3.2	4.1
	4	10.0	2.4	1.3	2.1	3.1	4.0
	5	10.5	0.3	4.5	3.7	3.6	4.1
-34	6	10.1	5.5	5.0	4.9	4.5	4.6
-33	7	10.7	0.7	3.0	4.0	4.6	4.9
-32	8	11.2	1.6	2.9	4.0	4.7	5.0
-31	9	12.1	2.6	5.6	4.8	4.7	4.9
-30	10	11.9	6.2	6.2	5.9	5.4	5.3
-29	11	7.2	3.8	5.5	5.7	5.8	5.8
-28	12	6.5	1.6	2.4	4.0	5.1	5.6
-27	13	6.2	1.2	3.9	4.0	4.7	5.2
-26	14	11.6	2.6	2.8	3.1	4.7	5.2
-25	15	13.8	3.0	6.6	5.2	5.2	5.3
-24	16	13.7	7.3	7.1	6.8	5.8	5.7
-23	17	8.2	7.9	7.0	7.0	6.7	6.3
-22	18	7.6	0.1	2.6	4.5	5.7	6.3
-21	19	12.5	2.7	3.8	5.0	5.5	6.0
-20	20	12.6	3.2	7.0	6.5	6.0	6.0
-19	21	12.1	7.1	5.9	6.2	6.4	6.4
-18	22	7.9	6.7	6.4	6.2	6.9	6.5
-17	23	13.1	4.1	4.5	5.3	6.1	6.5
-16	24	8.5	5.5	5.7	6.0	6.4	6.5
-15	25	4.8	2.4	3.0	4.8	5.8	6.5
-14	26	11.1	0.3	2.0	3.6	5.0	6.0
-13	27	10.4	3.7	6.0	5.6	5.6	5.8
-12	28	10.7	7.2	6.1	6.2	6.2	6.2
-11	29	8.5	2.5	5.0	5.5	6.4	6.5
-10	30	8.0	2.5	6.0	6.2	6.5	6.5
-9	31	7.0	5.6	6.1	6.5	6.6	6.6
Mean		9.05	2.53	4.43	4.83	5.27	5.57

Table A5/7 Air and soil temperatures measured at ADAS Rosemaund
February 1993

January CSTR 011/8 Day No.	Date	Air temperature (°C)		Soil temperature (°C)			
		Maximum	Minimum	at 10cm	at 20cm	at 30cm	at 50cm
-8	1	6.6	5.0	5.6	6.0	6.5	6.6
-7	2	8.7	2.0	5.0	5.7	6.2	6.5
-6	3	6.5	2.0	5.0	5.5	6.1	6.5
-5	4	1.7	0.5	4.0	5.3	6.0	6.4
-4	5	6.2	1.5	3.0	5.0	5.6	6.2
-3	6	10.0	1.2	3.5	4.2	5.1	5.9
-2	7	10.7	6.0	6.4	6.0	6.0	6.0
-1	8	10.0	8.4	7.1	7.0	6.5	6.4
0	9	6.3	5.4	6.5	7.0	6.9	6.7
1	10	4.1	4.0	5.5	6.1	6.6	6.7
2	11	4.0	1.4	4.5	6.2	6.2	6.6
3	12	5.6	1.5	4.5	5.5	5.9	6.4
4	13	7.0	3.1	5.1	5.6	6.0	6.4
5	14	5.4	0.5	4.8	5.0	5.7	6.4
6	15	7.1	1.5	5.0	5.2	5.6	6.0
7	16	10.0	1.4	4.0	5.5	5.9	6.2
8	17	9.5	5.0	6.6	6.4	6.4	6.5
9	18	8.9	5.0	6.7	7.0	6.6	6.7
10	19	9.0	4.8	5.0	6.0	6.6	6.7
11	20	8.5	1.7	4.0	5.0	6.2	6.6
12	21	7.2	4.7	4.5	5.5	6.2	6.6
13	22	7.9	1.5	3.0	4.1	5.6	6.4
14	23	7.2	1.2	2.7	4.0	5.5	6.1
15	24	8.0	1.2	4.0	4.8	5.0	6.0
16	25	7.0	2.0	3.9	4.2	5.5	6.0
17	26	6.9	3.1	4.0	4.7	5.5	6.0
18	27	4.5	0.0	2.5	4.4	5.3	6.0
19	28	3.0	2.2	1.6	3.2	4.5	5.6
Mean		7.05	2.49	4.57	5.86	5.91	6.32

Table A5/8 Air and soil temperatures measured at ADAS Rosemaund
March 1993

January CSTR 011/8 Day No.	Date	Air temperature (°C)		Soil temperature (°C)			
		Maximum	Minimum	at 10cm	at 20cm	at 30cm	at 50cm
20	1	3.4	0.5	1.5	2.5	4.2	5.1
21	2	3.5	0.3	2.4	3.3	4.0	4.9
22	3	4.2	2.6	3.0	3.5	4.1	5.0
23	4	6.0	1.0	2.1	3.3	4.2	4.8
24	5	9.5	0.3	3.2	3.9	4.3	4.9
25	6	7.9	5.6	5.0	5.0	4.9	5.0
26	7	7.5	4.5	5.4	5.6	5.4	5.5
27	8	8.9	4.0	5.1	5.5	5.6	5.7
28	9	9.9	0.5	2.5	3.6	5.1	5.6
29	10	9.7	1.4	4.5	5.0	5.2	5.6
30	11	13.9	4.6	5.5	6.0	5.8	6.0
31	12	10.7	2.0	4.1	6.1	5.8	6.0
32	13	15.6	3.4	4.7	5.8	5.9	6.1
33	14	14.1	4.9	6.6	6.6	6.6	6.4
34	15	16.8	5.4	7.3	7.0	6.7	6.6
35	16	11.9	7.5	8.0	8.0	7.5	7.0
36	17	14.4	8.0	7.9	8.0	7.6	7.5
37	18	12.1	10.0	8.1	8.1	8.1	7.6
38	19	10.1	0.6	4.0	6.0	7.0	7.4
39	20	10.2	0.1	4.5	5.9	6.9	7.1
40	21	12.1	5.2	7.0	7.1	7.2	7.4
41	22	12.1	7.5	8.0	8.0	7.9	7.5
42	23	10.2	2.9	4.9	6.0	7.4	7.5
43	24	9.8	0.1	4.1	5.6	6.8	7.3
44	25	9.6	1.0	3.6	5.0	6.5	7.0
45	26	9.6	4.1	3.0	5.0	6.0	7.0
46	27	7.4	0.9	4.4	5.0	6.0	6.6
47	28	10.0	3.9	5.5	6.0	6.4	6.6
48	29	12.5	4.4	6.0	6.6	6.5	6.6
49	30	12.8	6.9	8.0	7.9	7.1	7.0
50	31	8.3	0.3	5.1	6.4	7.0	7.3
Mean		10.15	2.84	5.0	5.72	6.12	6.37

Table A5/9 Air and soil temperatures measured at ADAS Rosemaund
April 1993

January CSTR 011/8 Day No.	Date	Air temperature (°C)		Soil temperature (°C)			
		Maximum	Minimum	at 10cm	at 20cm	at 30cm	at 50cm
51	1	9.2	2.2	5.3	7.2	6.7	7.0
52	2	10.5	1.5	3.8	5.6	6.3	7.0
53	3	8.0	0.4	5.1	6.0	6.5	6.8
54	4	11.4	1.1	3.3	5.0	6.1	6.7
55	5	11.8	5.6	7.1	6.9	6.8	6.7
56	6	12.2	6.3	7.1	7.0	7.3	7.1
57	7	10.2	4.8	7.1	7.2	7.4	7.3
58	8	10.6	7.8	8.5	8.1	7.8	7.5
59	9	11.8	7.9	8.3	8.2	8.0	7.8
60	10	11.8	2.6	6.6	7.8	8.1	8.0
61	11	10.4	6.2	8.0	8.2	8.4	8.0
62	12	12.0	3.6	7.5	8.0	8.2	8.1
63	13	9.6	4.7	7.5	8.0	8.2	8.1
64	14	8.9	5.0	7.4	8.0	8.2	8.1
65	15	14.4	0.2	6.1	7.2	7.9	8.1
66	16	14.0	7.0	9.0	8.9	8.7	8.4
67	17	15.5	10.2	10.1	9.8	9.3	8.8
68	18	12.9	9.2	10.0	9.9	9.5	9.0
69	19	13.9	10.2	10.0	9.9	9.6	9.1
70	20	14.0	8.7	9.7	9.8	9.7	9.3
71	21	14.5	6.9	9.7	9.6	9.6	9.4
72	22	12.5	6.4	9.5	9.6	9.8	9.5
73	23	12.4	10.4	10.4	10.0	9.8	9.5
74	24	13.9	4.3	9.1	9.5	9.7	9.5
75	25	11.2	8.0	10.0	10.1	10.0	9.6
76	26	10.2	7.3	10.0	10.1	10.0	9.7
77	27	15.5	9.4	9.3	----	9.9	9.6
78	28	16.1	7.7	10.0	----	10.0	9.7
79	29	19.4	6.4	10.0	10.2	10.3	10.0
80	30	21.5	6.4	11.0	11.0	10.6	10.3
Mean		12.67	5.76	8.45	8.45	8.34	8.45

**Table A5/10 Air and soil temperatures measured at ADAS Rosemaund
May 1993**

January CSTR 011/8 Day No.	Date	Air temperature (°C)		Soil temperature (°C)			
		Maximum	Minimum	at 10cm	at 20cm	at 30cm	at 50cm
81	1	15.4	8.0	12.1	12.0	11.1	10.6
82	2	15.5	3.5	9.5	10.5	11.0	10.9
83	3	12.8	0.5	8.2	9.4	10.5	10.5
84	4	14.2	0.5	8.6	9.2	10.1	10.4
85	5	15.2	1.6	9.0	9.6	10.1	10.1
86	6	14.6	1.6	9.4	10.0	10.0	10.1
87	7	14.5	3.4	9.3	10.0	10.0	10.2
88	8	14.5	3.4	9.0	9.9	9.9	10.0
89	9	15.7	6.9	9.9	10.0	10.0	10.0
90	10	16.7	9.8	10.5	10.6	10.0	9.9
91	11	21.3	10.3	12.0	11.4	10.6	10.2
92	12	17.9	9.6	11.8	11.9	11.1	10.6
93	13	15.7	7.1	11.3	11.6	11.1	10.8
94	14	12.6	8.1	12.2	12.2	11.4	10.9
95	15	12.9	4.2	9.9	10.5	11.0	10.8
96	16	14.5	4.9	10.2	10.5	11.0	10.8
97	17	16.2	9.8	12.2	11.4	11.1	10.6
98	18	15.1	7.1	13.7	11.5	11.4	10.9
99	19	15.1	7.2	11.5	11.6	11.4	11.1
100	20	15.5	3.4	9.9	10.8	11.2	11.1
101	21	16.0	8.0	10.1	10.4	10.9	10.7
102	22	16.1	7.9	12.1	11.6	11.4	11.0
103	23	19.6	10.5	12.1	12.1	11.6	11.3
104	24	22.5	12.4	14.0	13.0	12.1	11.5
105	25	15.1	10.3	13.5	13.8	12.6	11.7
106	26	11.4	8.0	11.0	12.1	12.1	11.8
107	27	11.1	8.7	11.5	11.7	11.6	11.5
108	28	15.5	7.9	11.8	11.5	10.7	11.6
109	29	15.7	5.6	11.6	11.2	11.8	11.5
110	30	14.0	11.5	12.5	12.5	12.0	11.6
111	31	16.4	9.4	11.5	11.6	11.9	11.7
Mean		15.5	6.8	11.0	11.2	11.1	10.9

APPENDIX 6 - On -line electronic datacapture
Figs A6/1 - A6/17 (A-D)

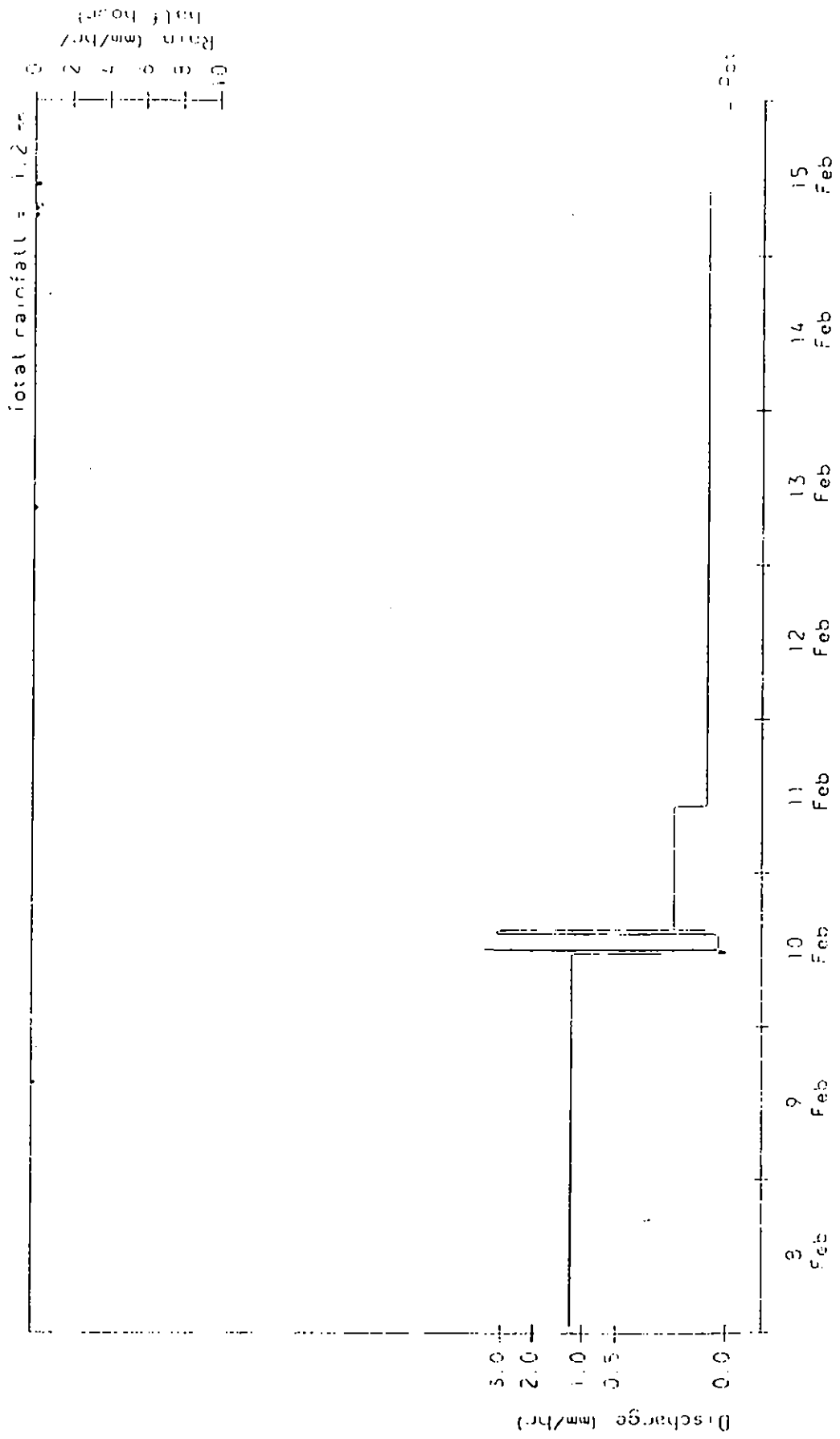


Fig A6/1A

Data from Campbell data logger at Rosemaund (011/8/A) 1992-93

From Mon 8 Feb to Mon 15 Feb (1992 - 1993)

Certified by

Sgt. Harris

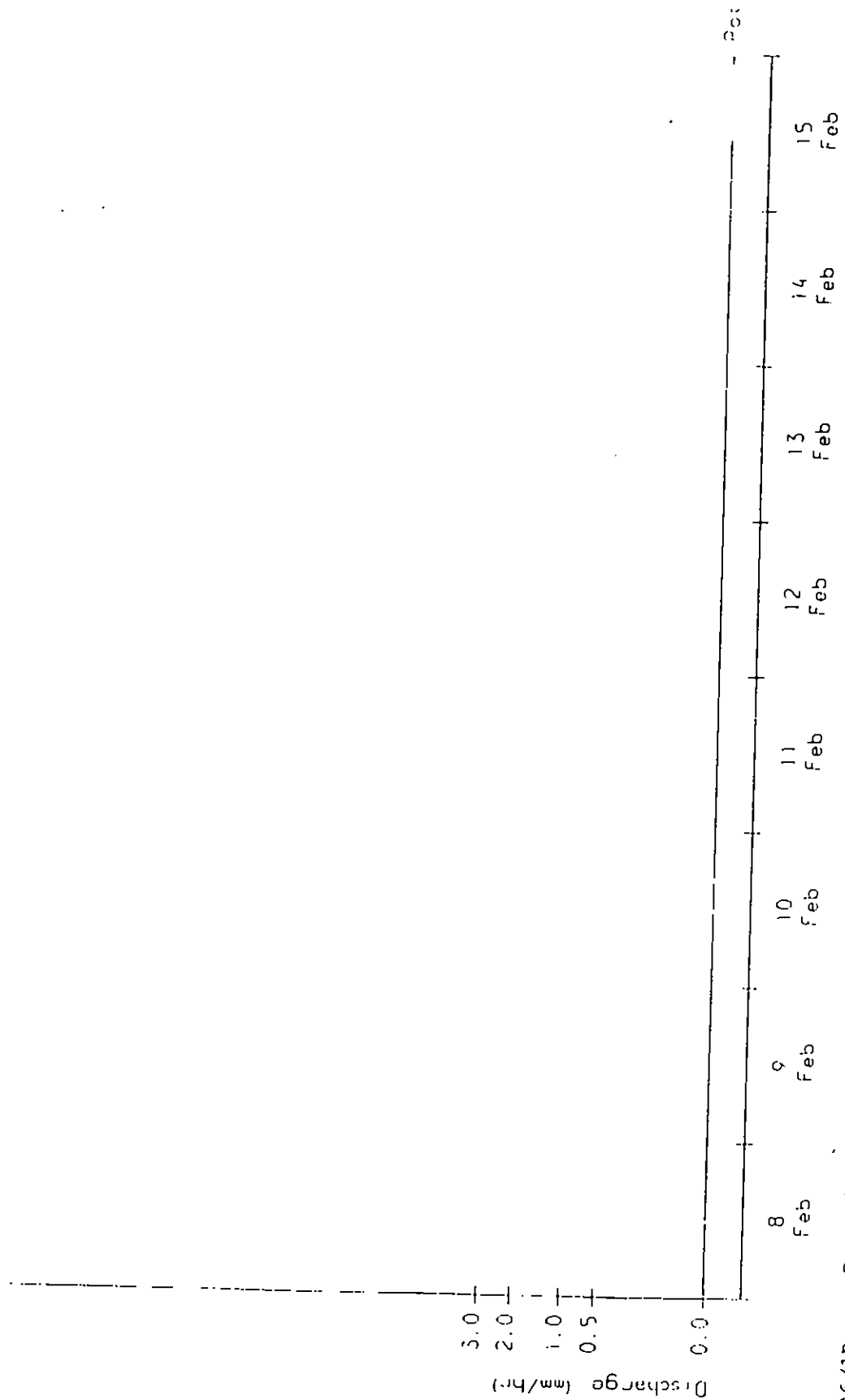


Fig A6/1B Data from Campbell data logger at Rosemaund (011/8/B) 1992-93
from Mon 8 Feb to Mon 15 Feb (192 - 199)

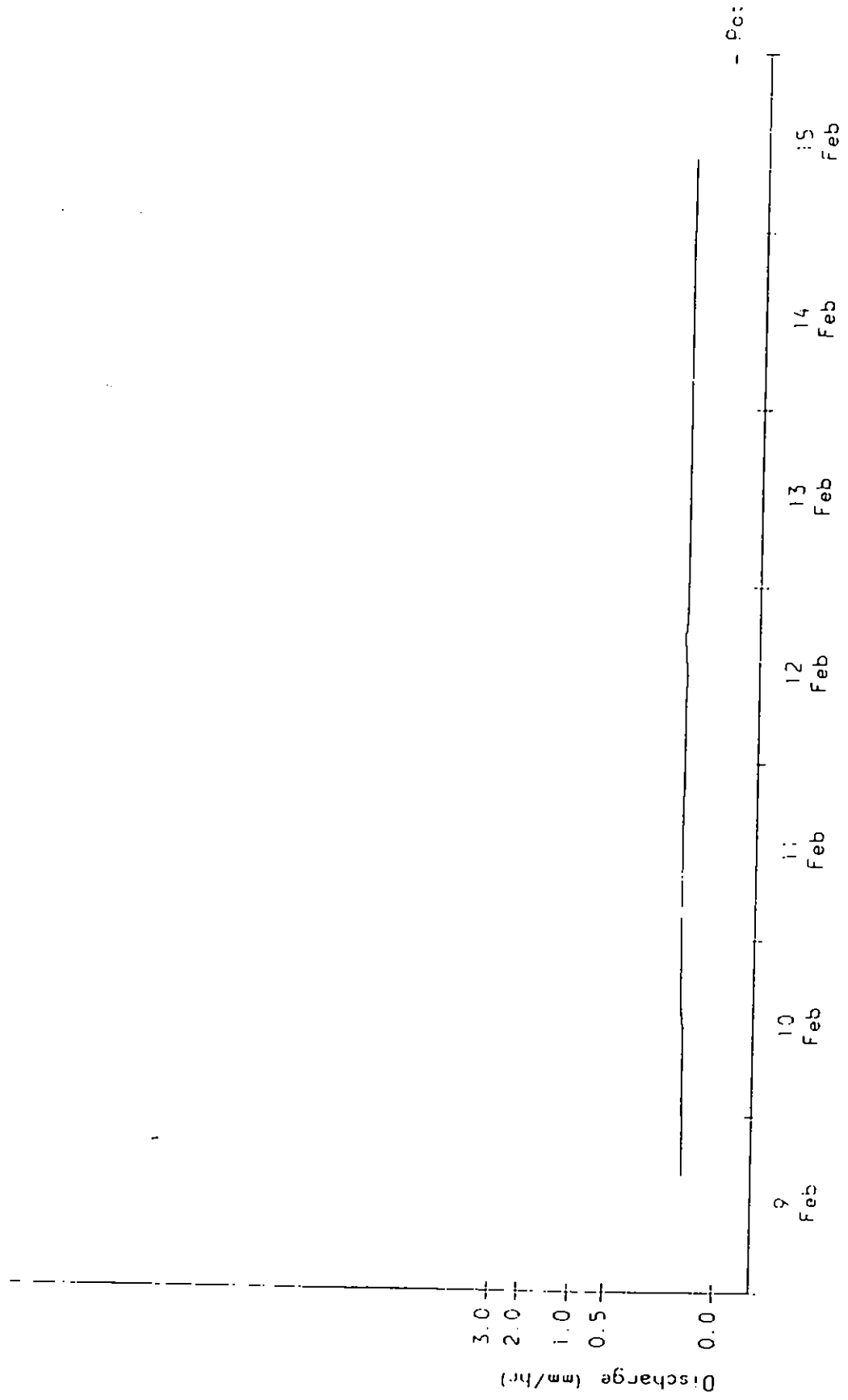


Fig A6/1C Data from Campbell data logger at Rosemaund (011/8/C) 1992-93
 From Tue 9 Feb to Mon 15 Feb (193 - 199)

Certified by
G. H. Hanna

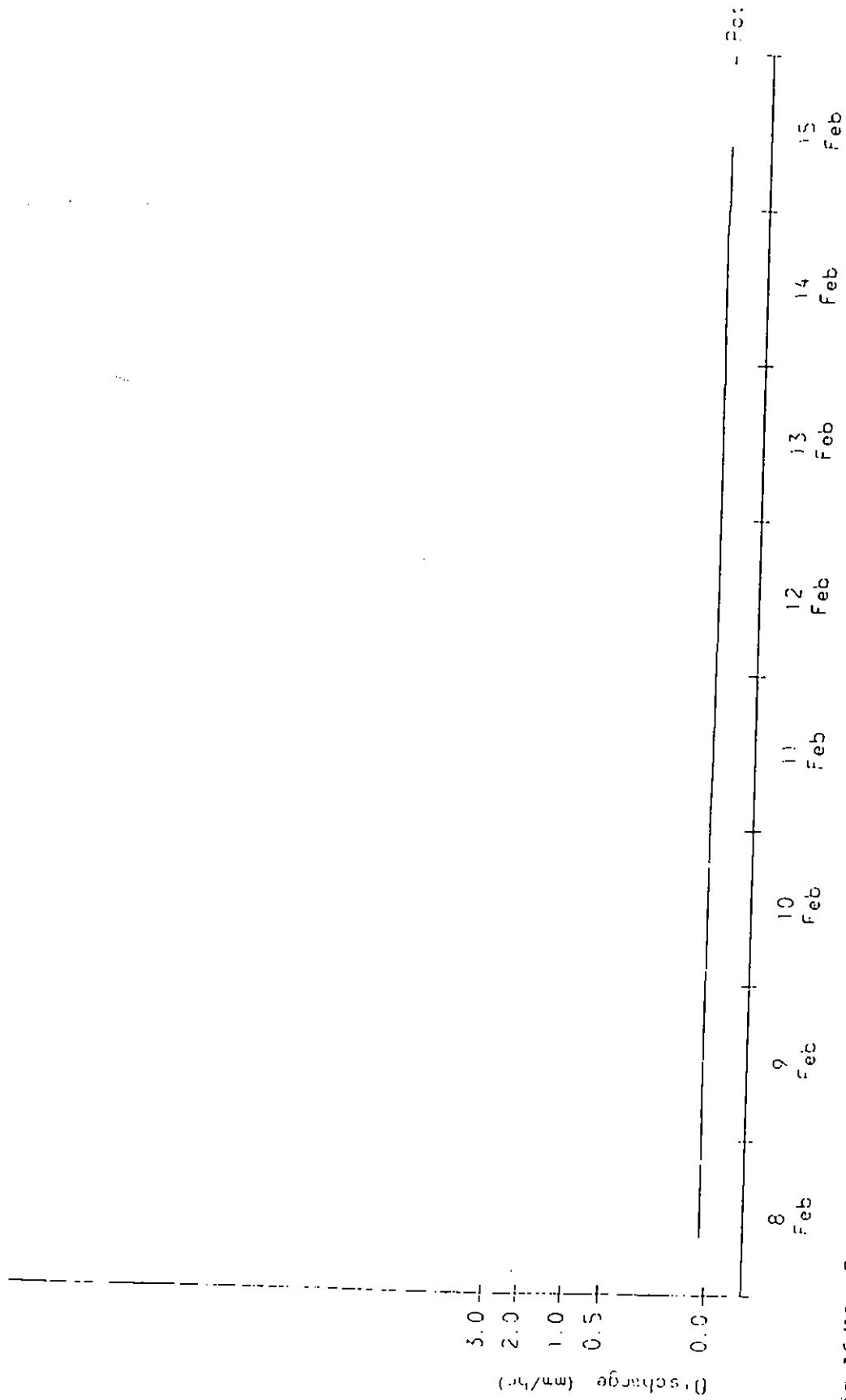


Fig A6/1D Data from Campbell data logger at Rosemaund (011/8/0) 1992-93
from Mon 8 Feb to Mon 15 Feb : 192 - 199)

Certified by
S. H. H. H. H.

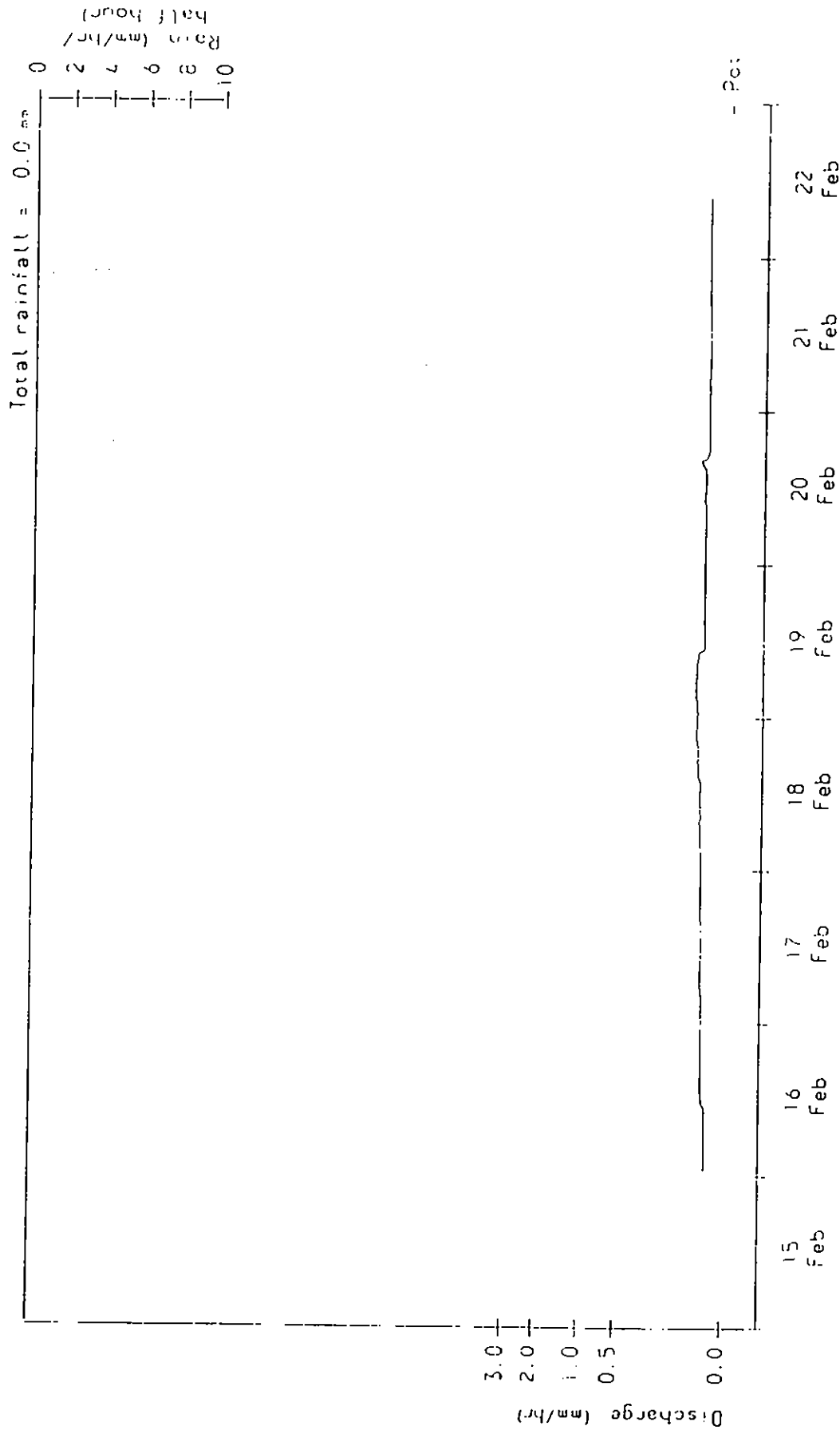


Fig A6/2A Data from Campbell data logger at Rosemaund (011/8/A): 1992-93
From Mon 15 Feb to Mon 22 Feb (199 - 206)

Discharge (m³/h)

3.0

2.0

1.0

0.5

0.0

Do:

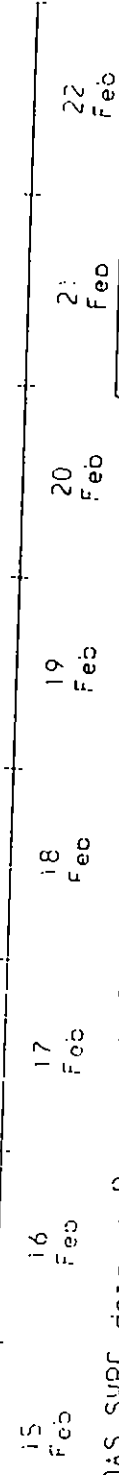


Fig A6/2B

ADAS SWRC data at Rosemaund (01/1/8/B) 1992-93

From Mon 15 Feb to Mon 22 Feb (199 - 200)

Certified by

S. H. Harris



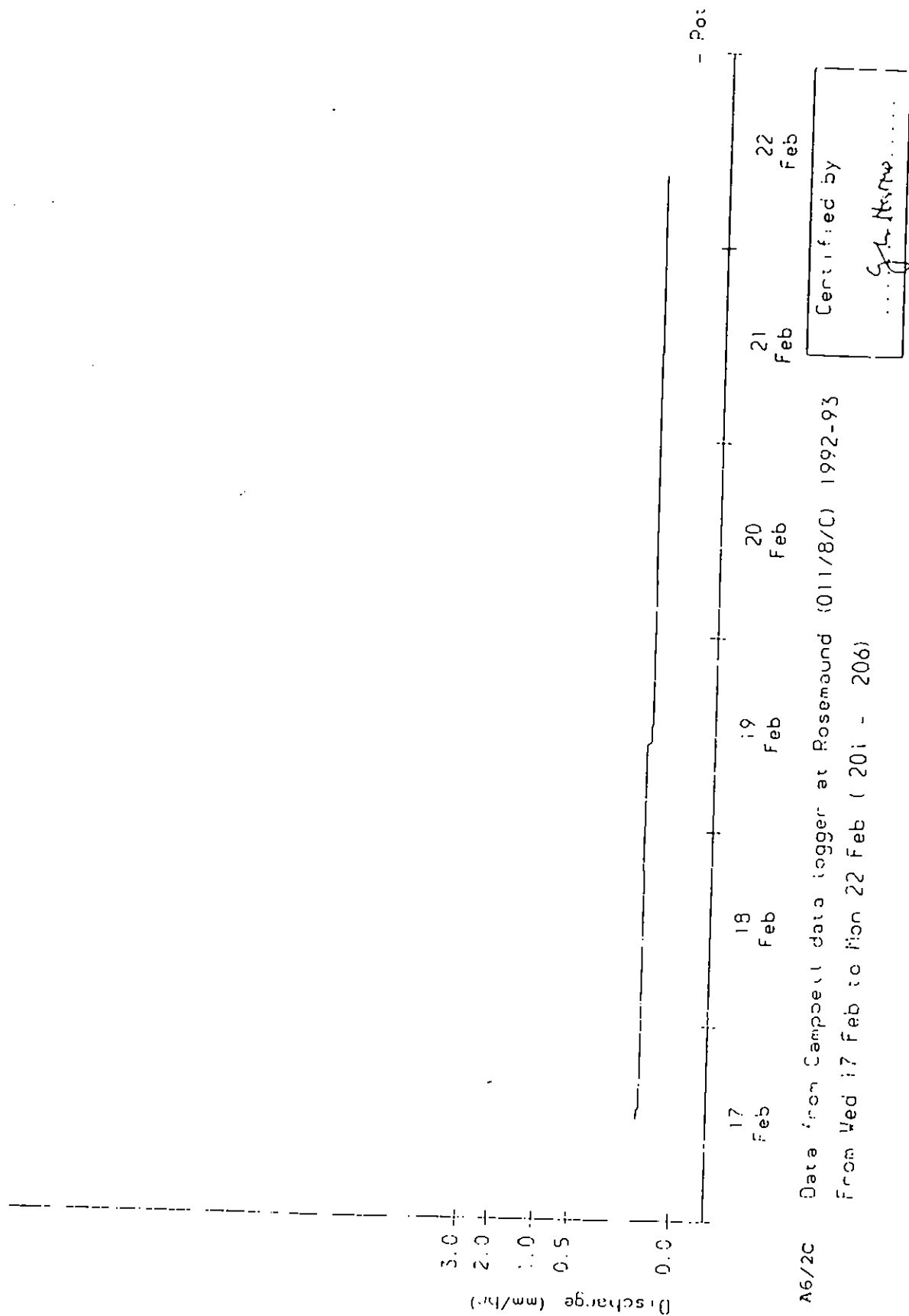


Fig A6/2C Data from Campbell data logger at Rosemaund (011/8/C) 1992-93
From Wed 17 Feb to Mon 22 Feb (201 - 206)

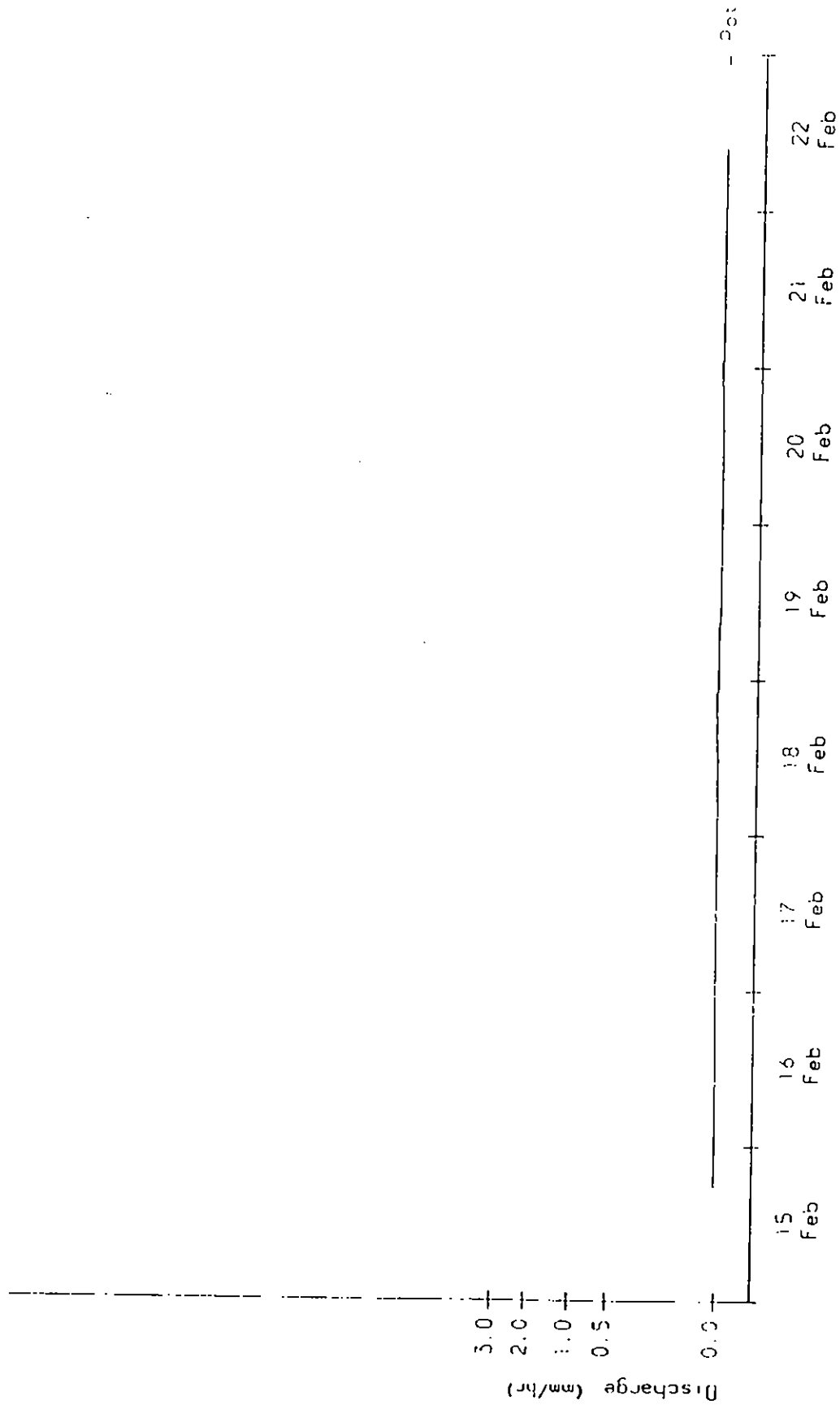


Fig A6/2D

Data from Campbell data logger at Rosemaund (011/8/0) 1992-93

From Mon 15 Feb to Mon 22 Feb (199 - 206)

Certified by
.....*g.h. Hemo*.....

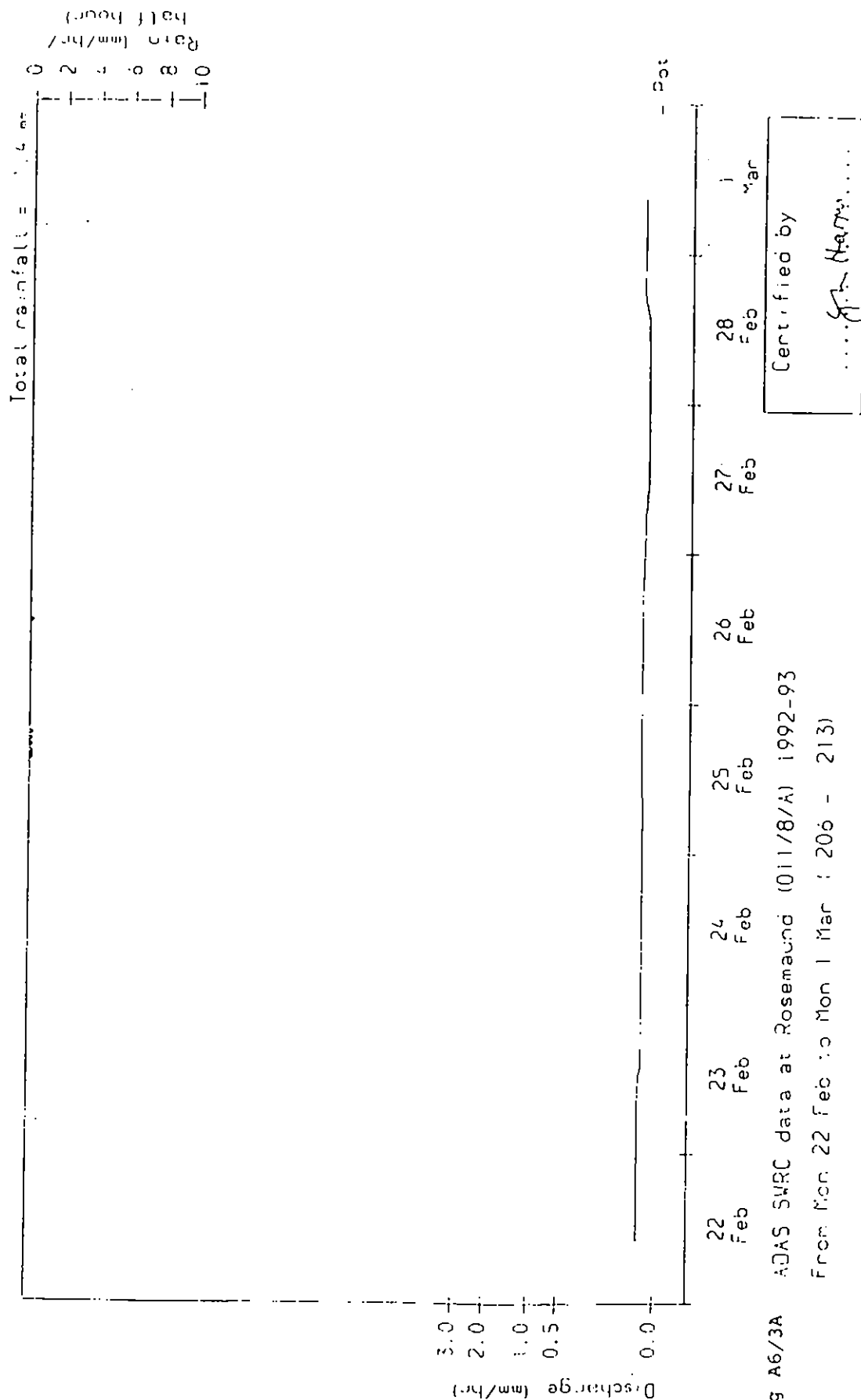
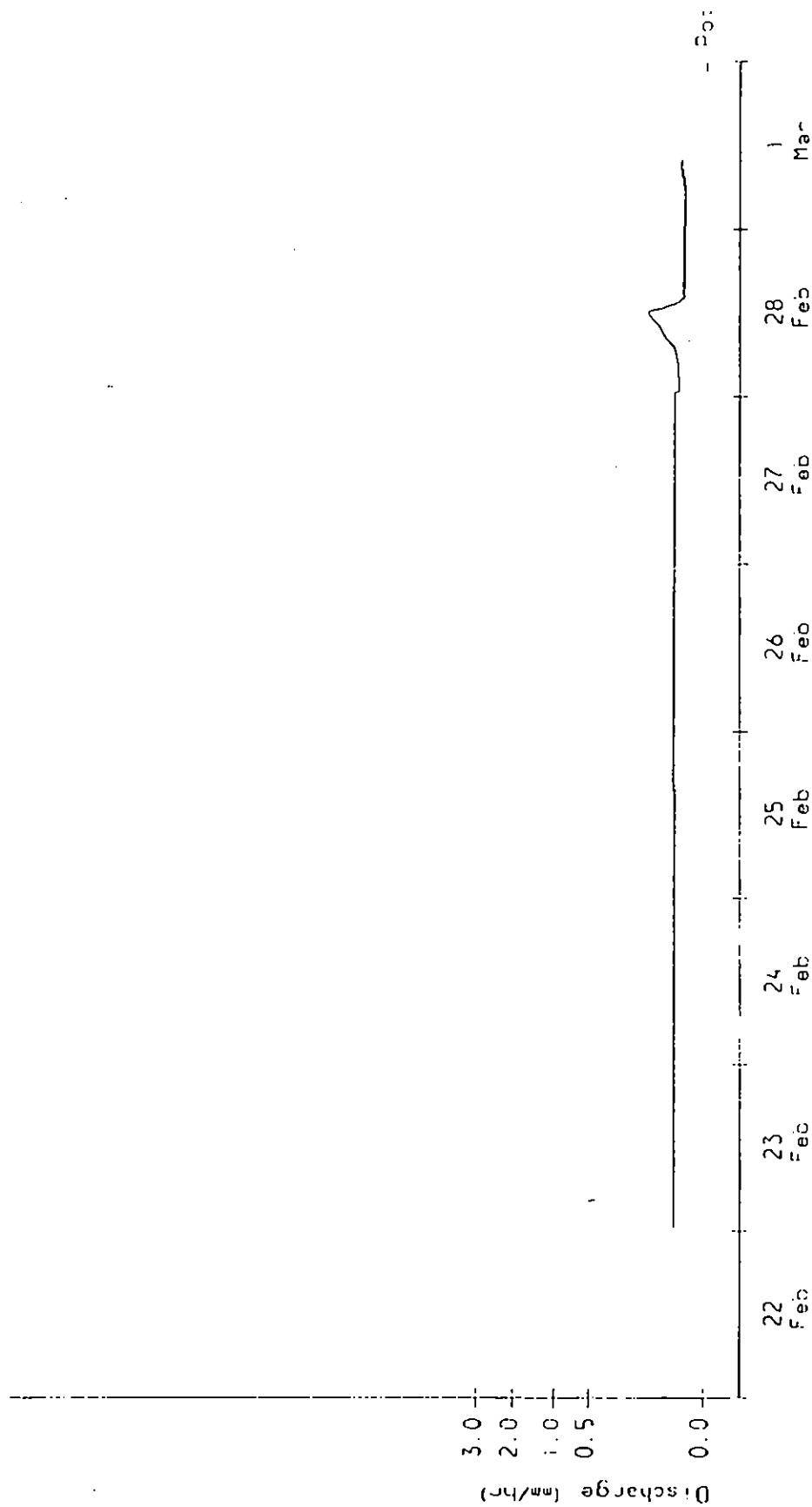


Fig A6/3A ADAS SWRC data at Rosemaund (011/8/A) 1992-93
From Mon 22 Feb to Mon 1 Mar : 206 - 213)



Certified by
[Signature]

 Date

Fig A6/3B ADAS SVRC data at Rosemaund (011/8/B) 1992-93
 From Mon 22 Feb to Mon 1 Mar (206 - 213)

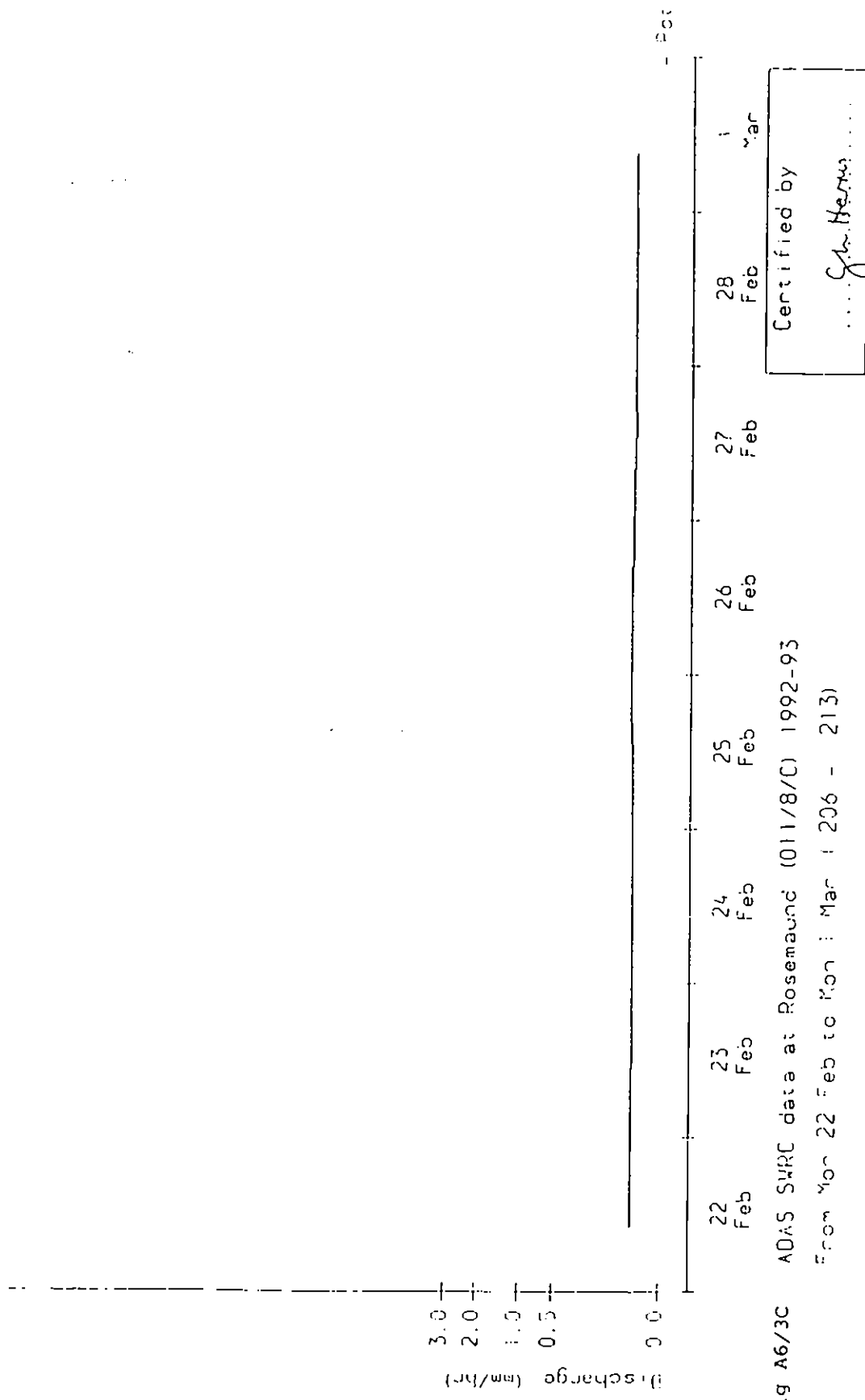


Fig A6/3C ADAS SWRC data at Rosemaund (011/8/C) 1992-93
From Mon 22 Feb to Mon 1 Mar (206 - 213)

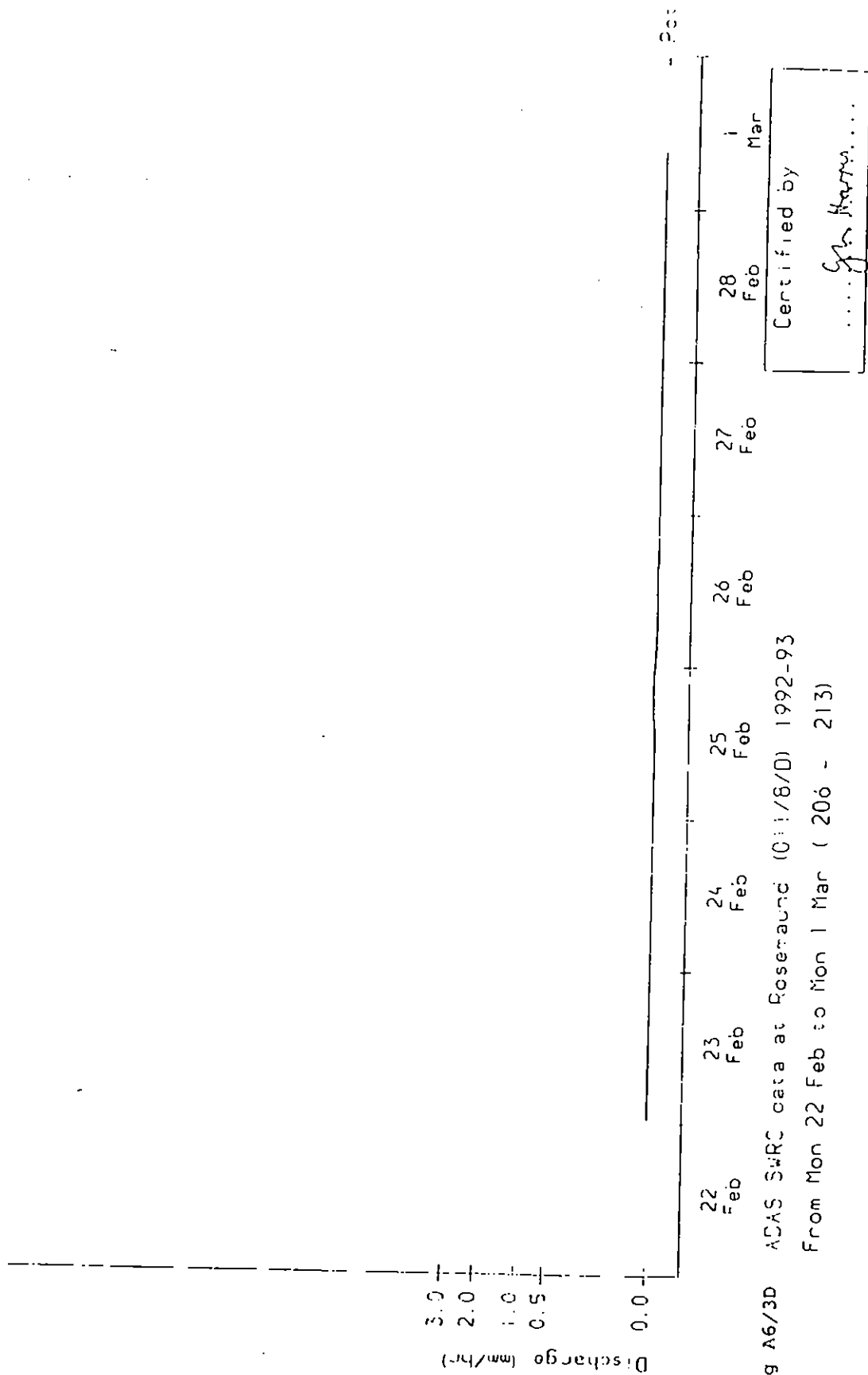


Fig A6/3D ADAS SWRC data at Rosemaund (011/8/D) 1992-93
From Mon 22 Feb to Mon 1 Mar (206 - 213)

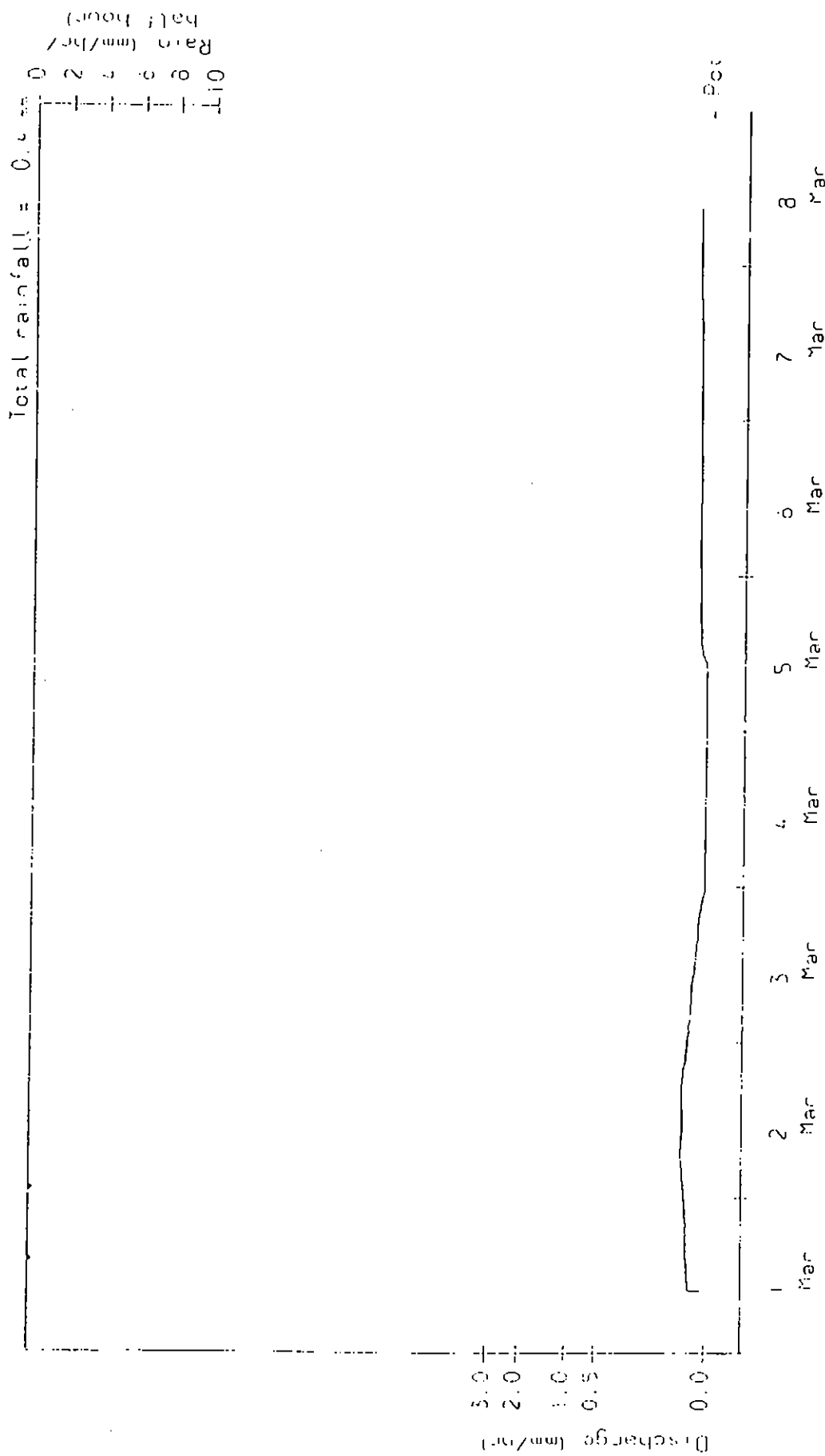
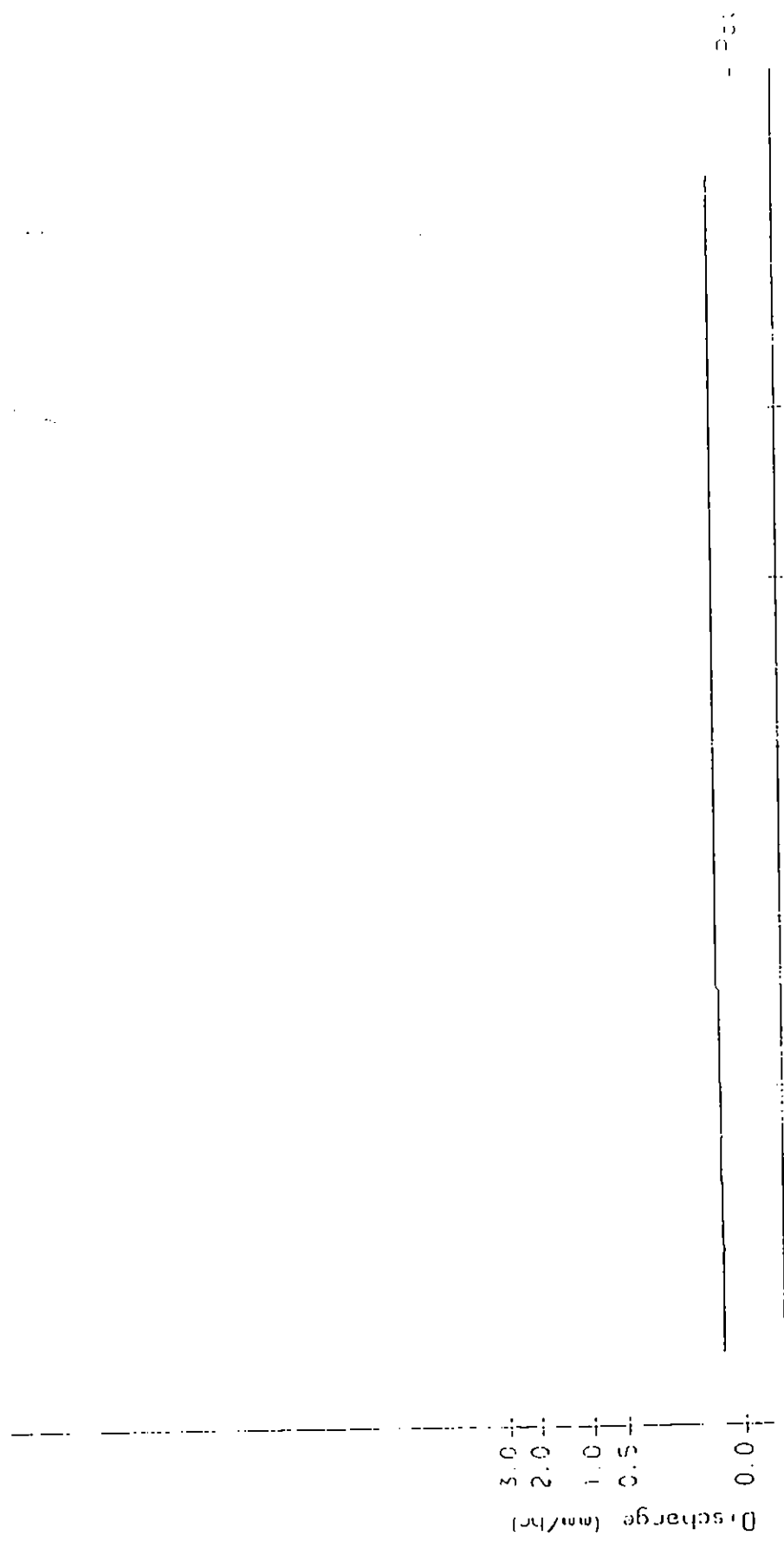


Fig A6/4A ADAS SWPC data at Rosemaund (011/8/A) 1992-93

From Mon 1 Mar to Mon 8 Mar (213 - 220)

Certified by

[Signature]



Certified by
[Signature]
 Date: 11/11/93

Fig A6/4B ADAS SWRC data at Rosemaund (011/8/B) 1992-93

From Mon 1 Mar to Mon 8 Mar (213 - 220)

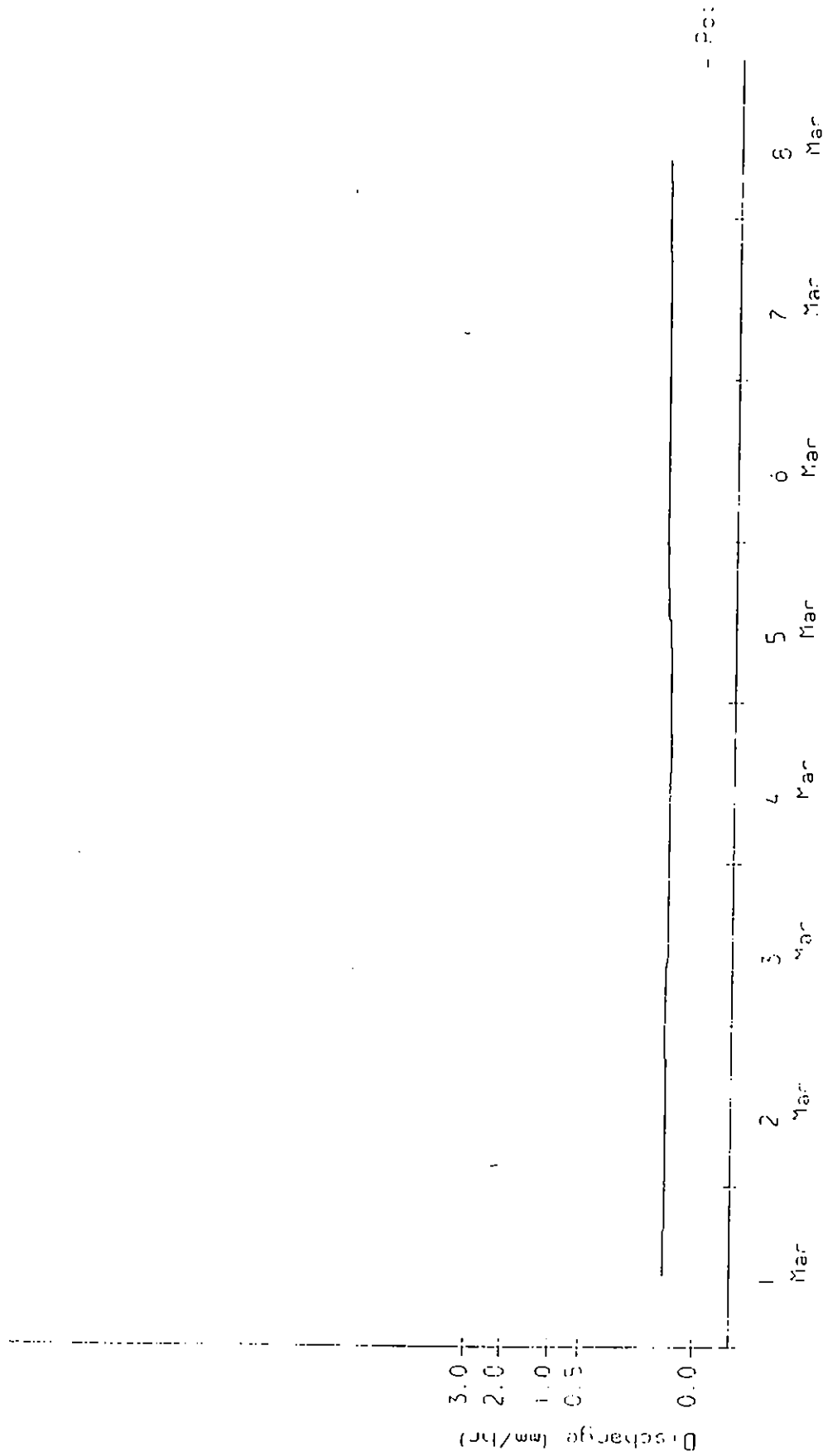


Fig A6/4C ADAS SWRG data at: Rosemaund (011/8/C) : 1992-93

from Mon 1 Mar to Mon 8 Mar (213 - 220)

Certified by

G. H. Harris

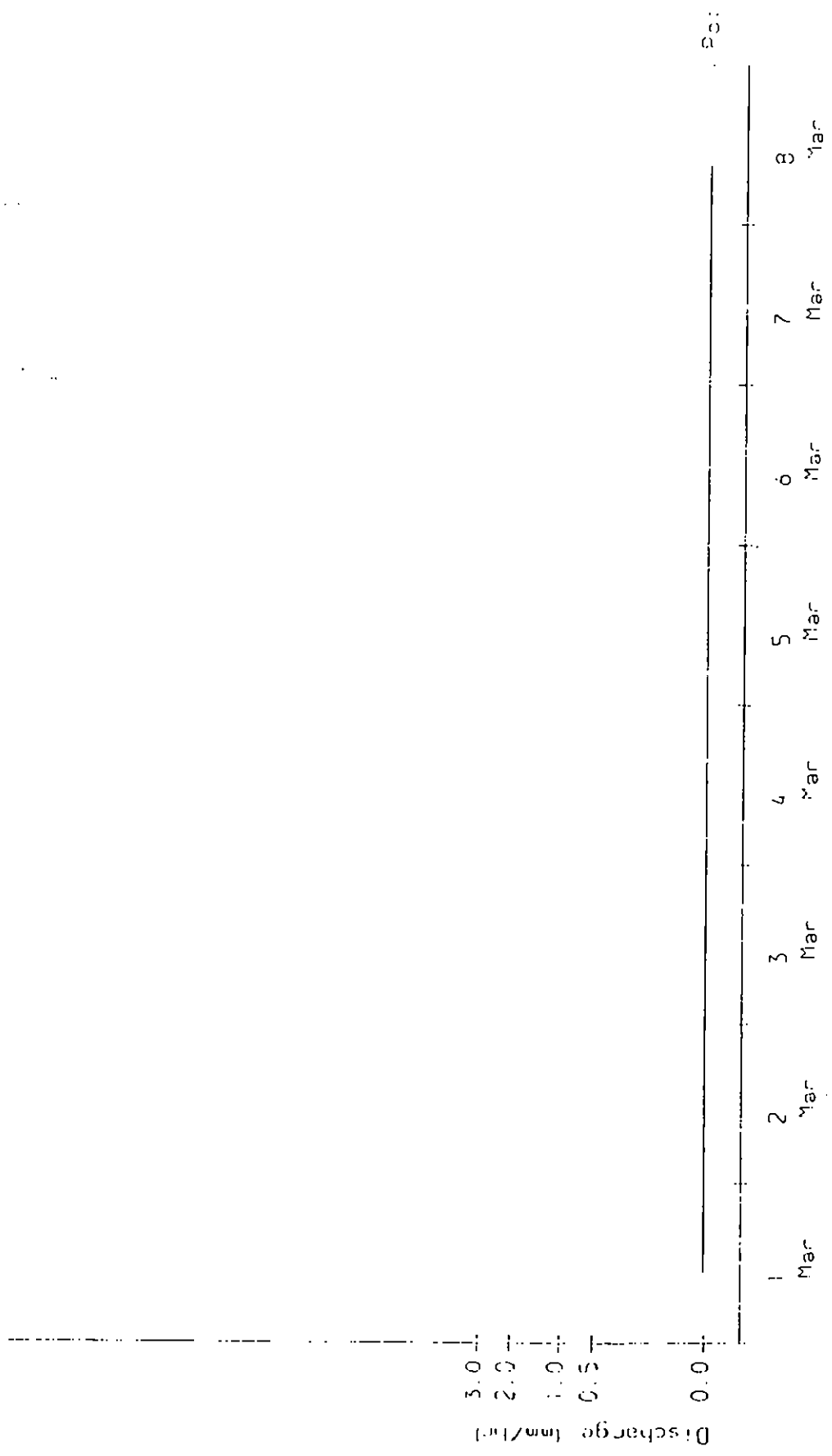


Fig A6/4D ADAS SURC data at Rosemaund (011/8/D) 1992-93

From Mon 1 Mar to Mon 8 Mar (213 - 220)

Certified by
 ... (Signature) ...

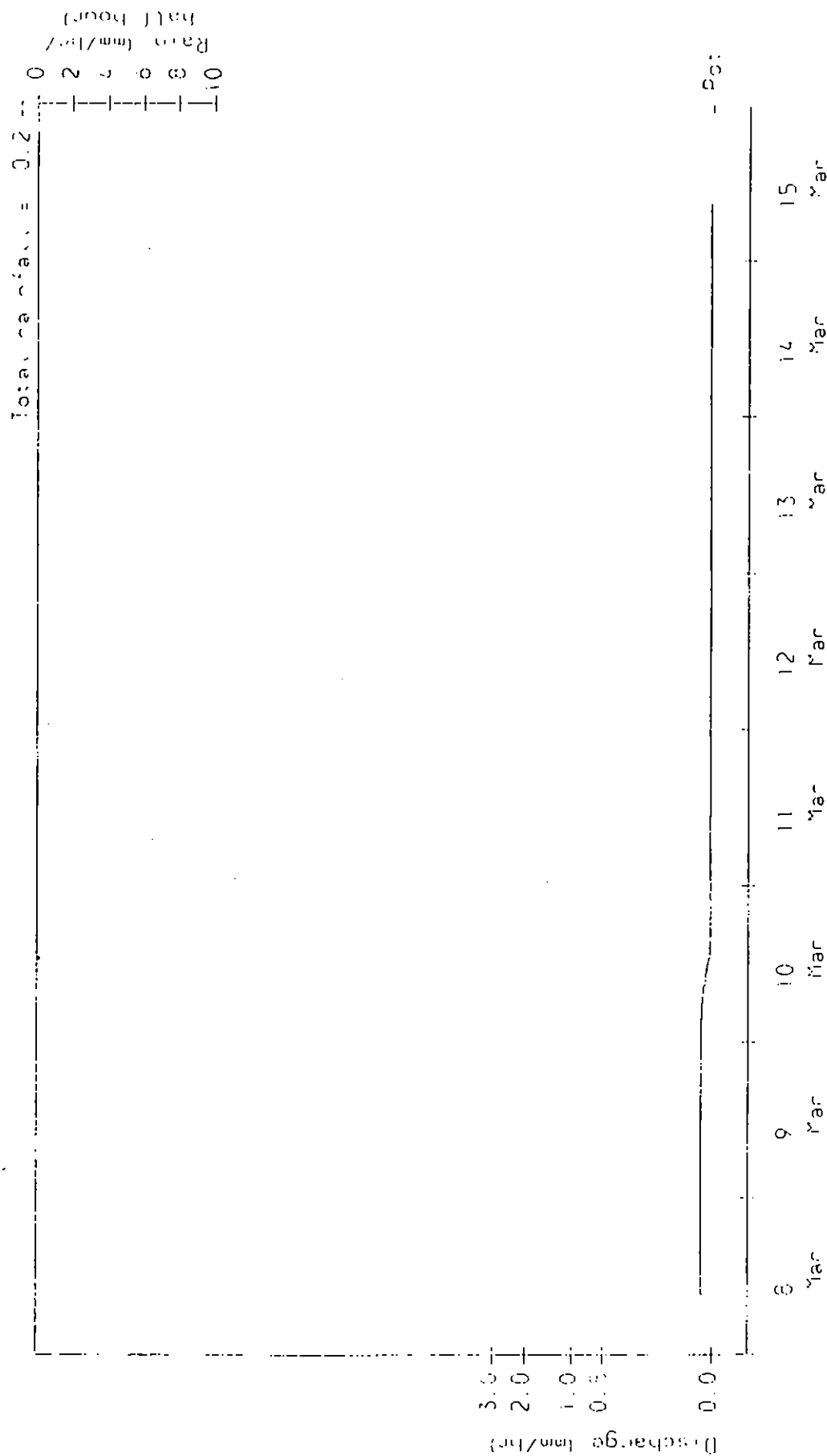


Fig A6/5A ADAS SURC data at Rosemaund (011/8/A) 1992-93

From Mon 8 Mar to Mon 15 Mar (220 - 227)

Certified by

G. L. Hartman

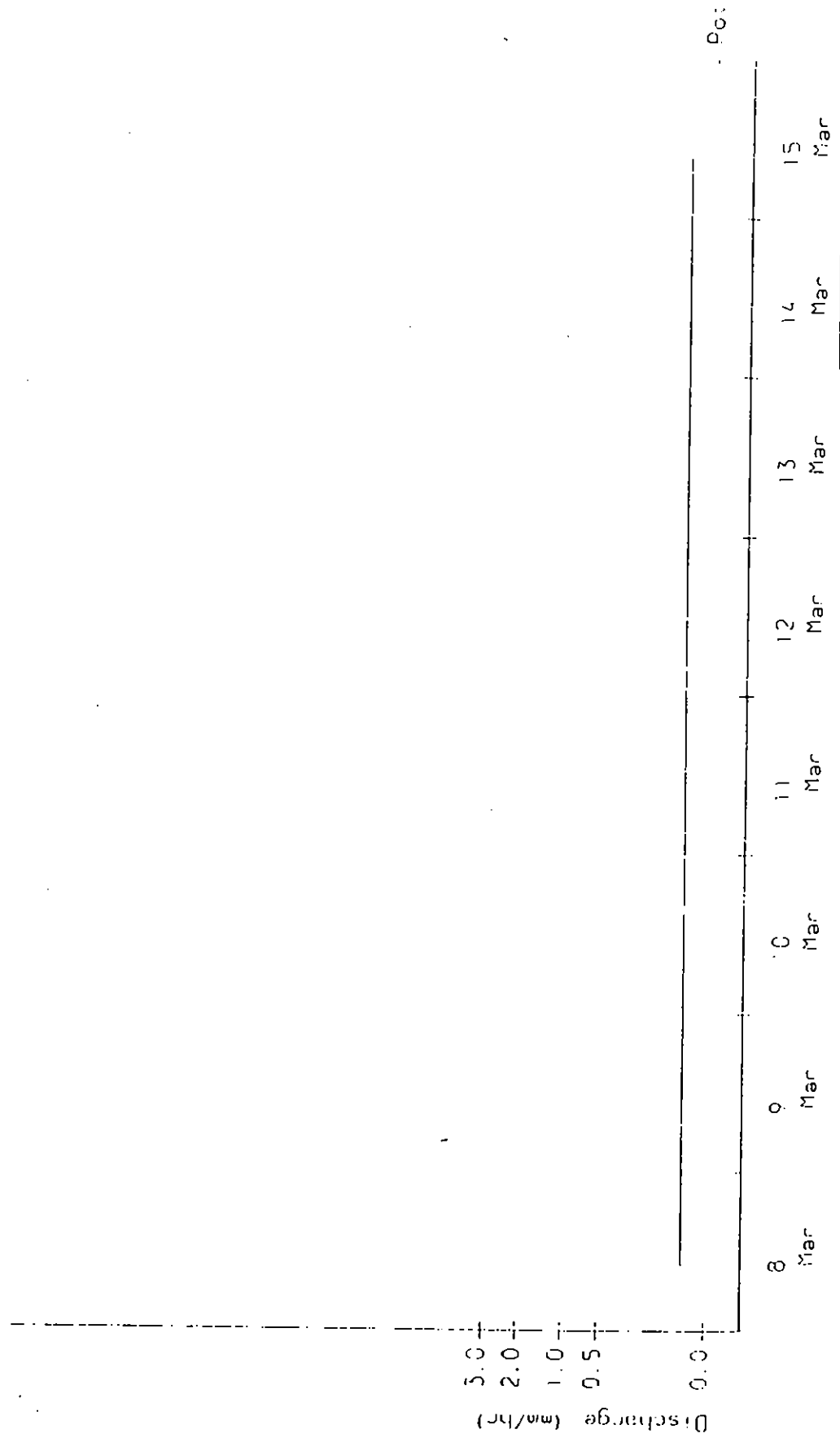
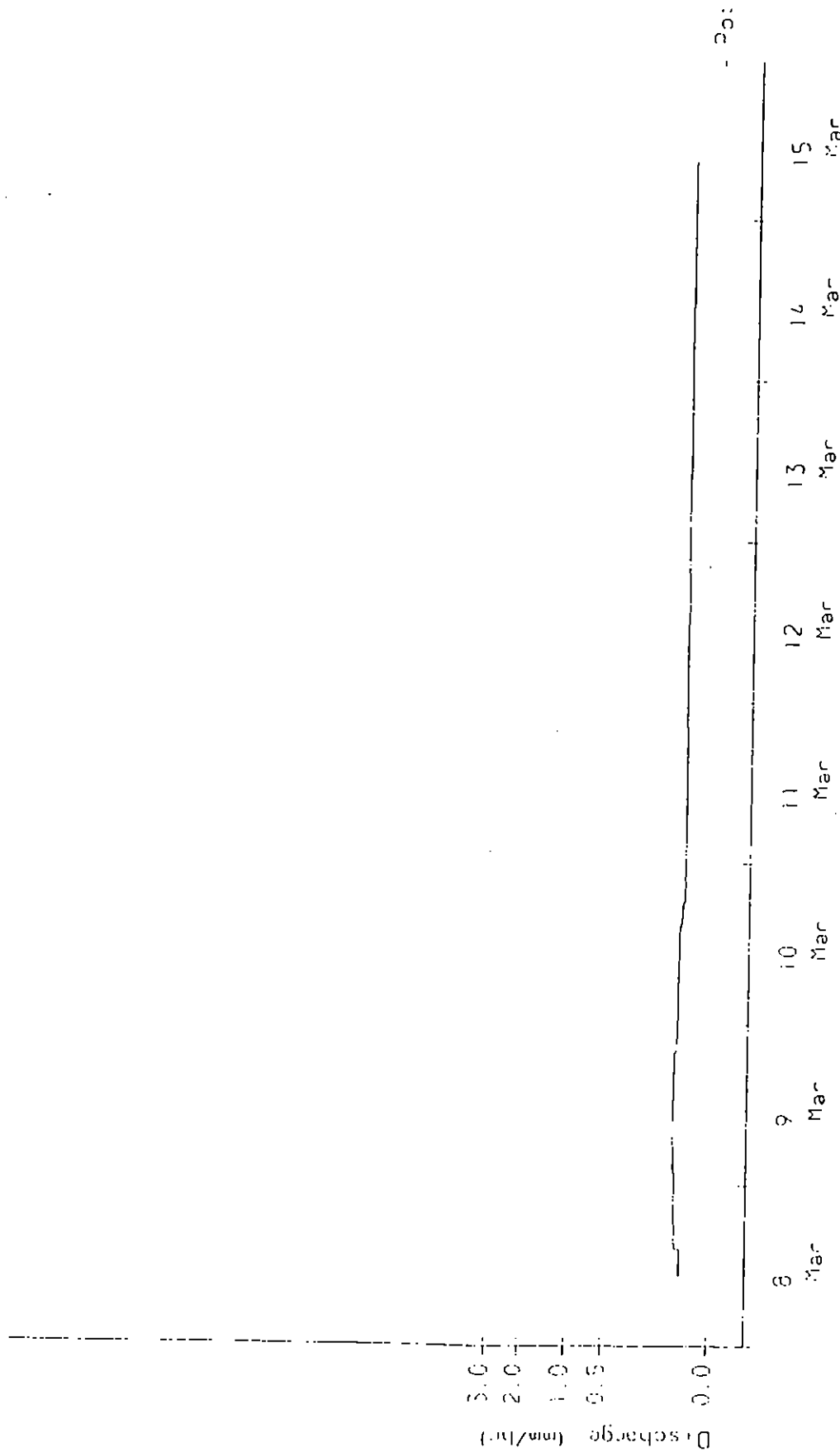


Fig A6/5B ADAS SWRC Data at Rosemaund (011/8/B) 1992-93



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Fig A6/5C ADAS SWRC data at Rosemaund (011/6/C) 1992-93
From Mon 8 Mar to Mon 15 Mar (220 - 227)

Certified by
... J. H. ...

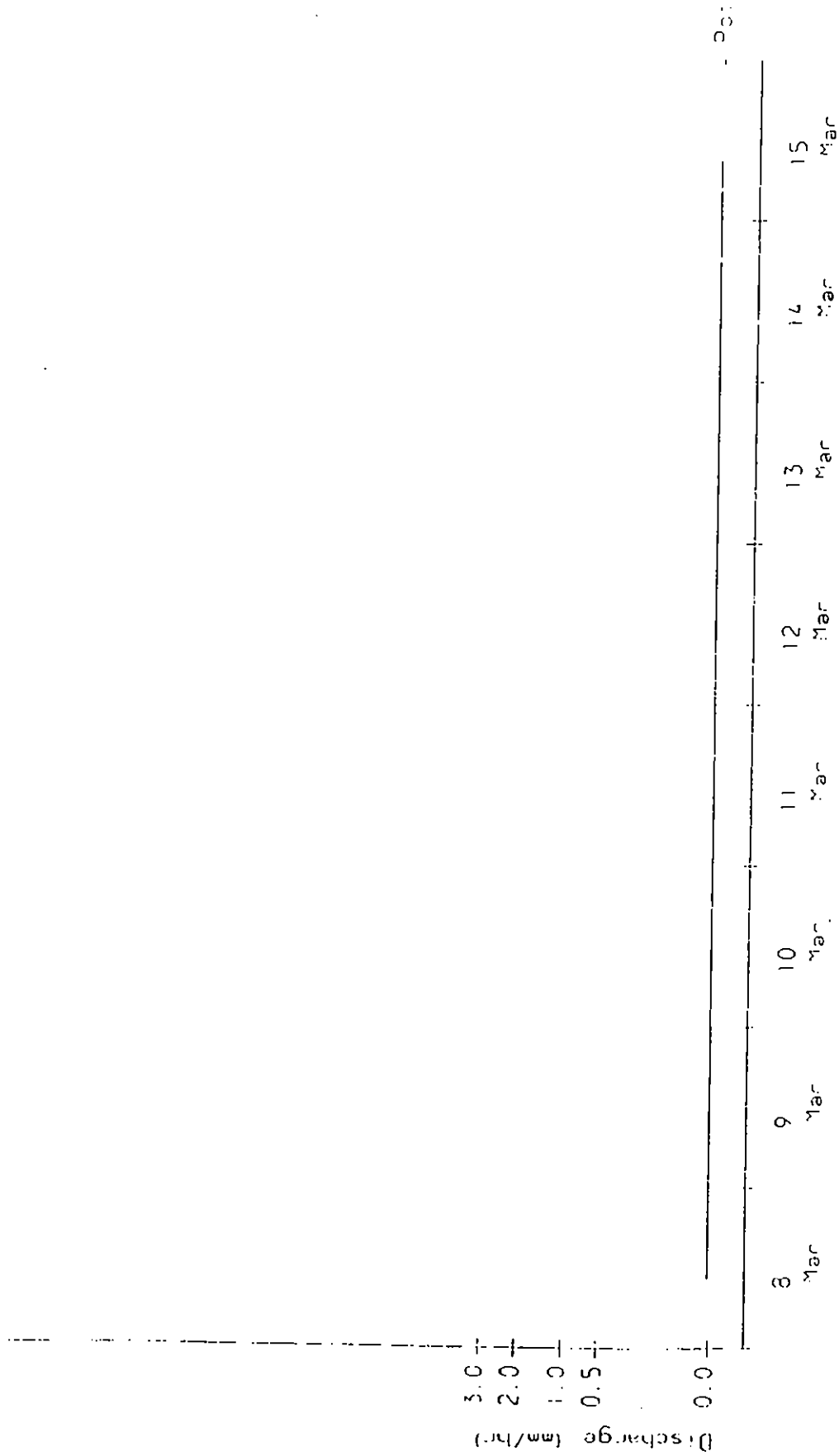
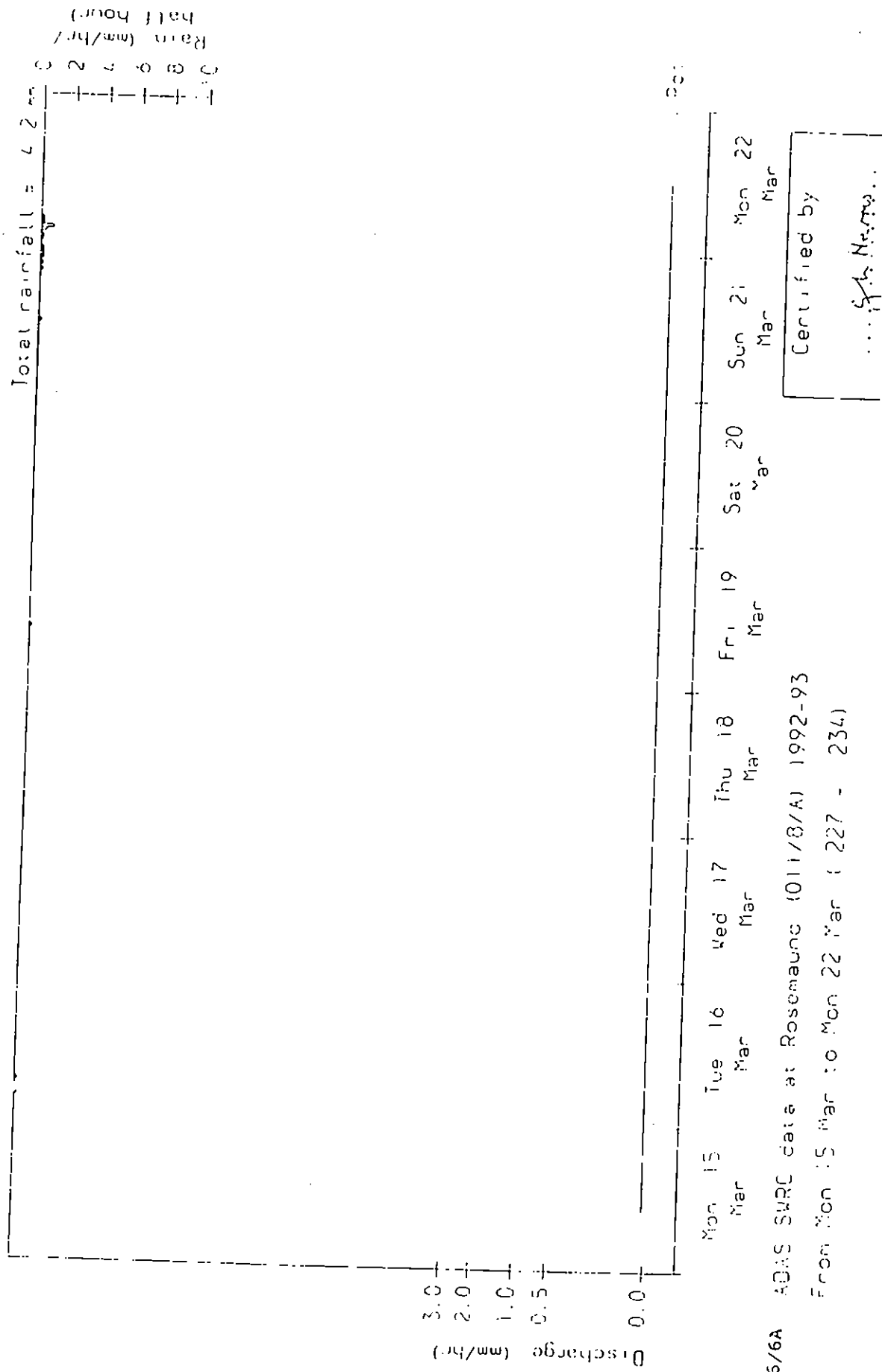


Fig A6/5D ADAS SURC data at Rosemaund (011/8/0) 1992-93

From Mon 8 Mar to Mon 15 Mar (220 - 227)



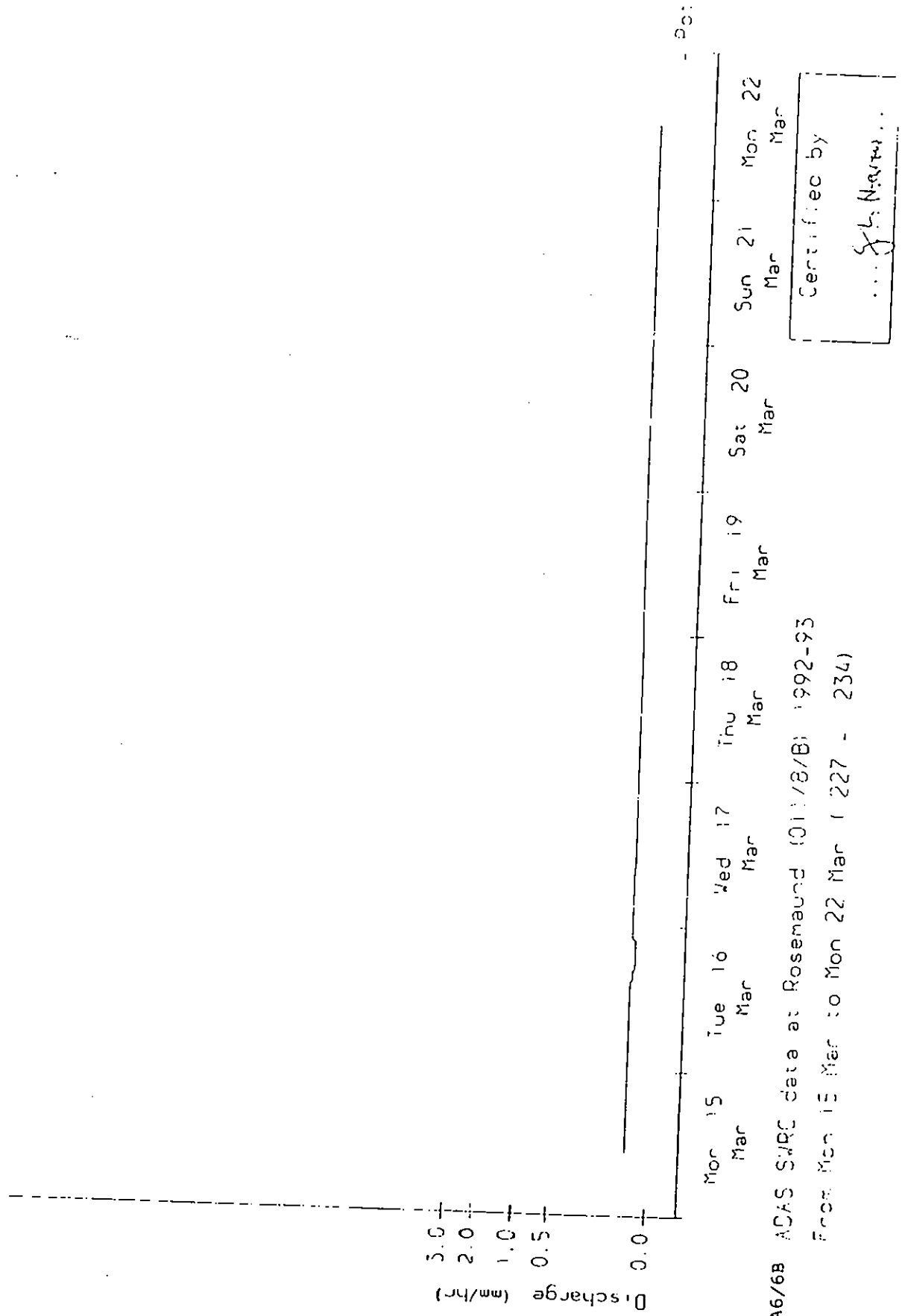


Fig A6/6B ADAS SURC data at Rosemaund (011/8/B) 1992-93
From Mon 15 Mar to Mon 22 Mar (227 - 234)

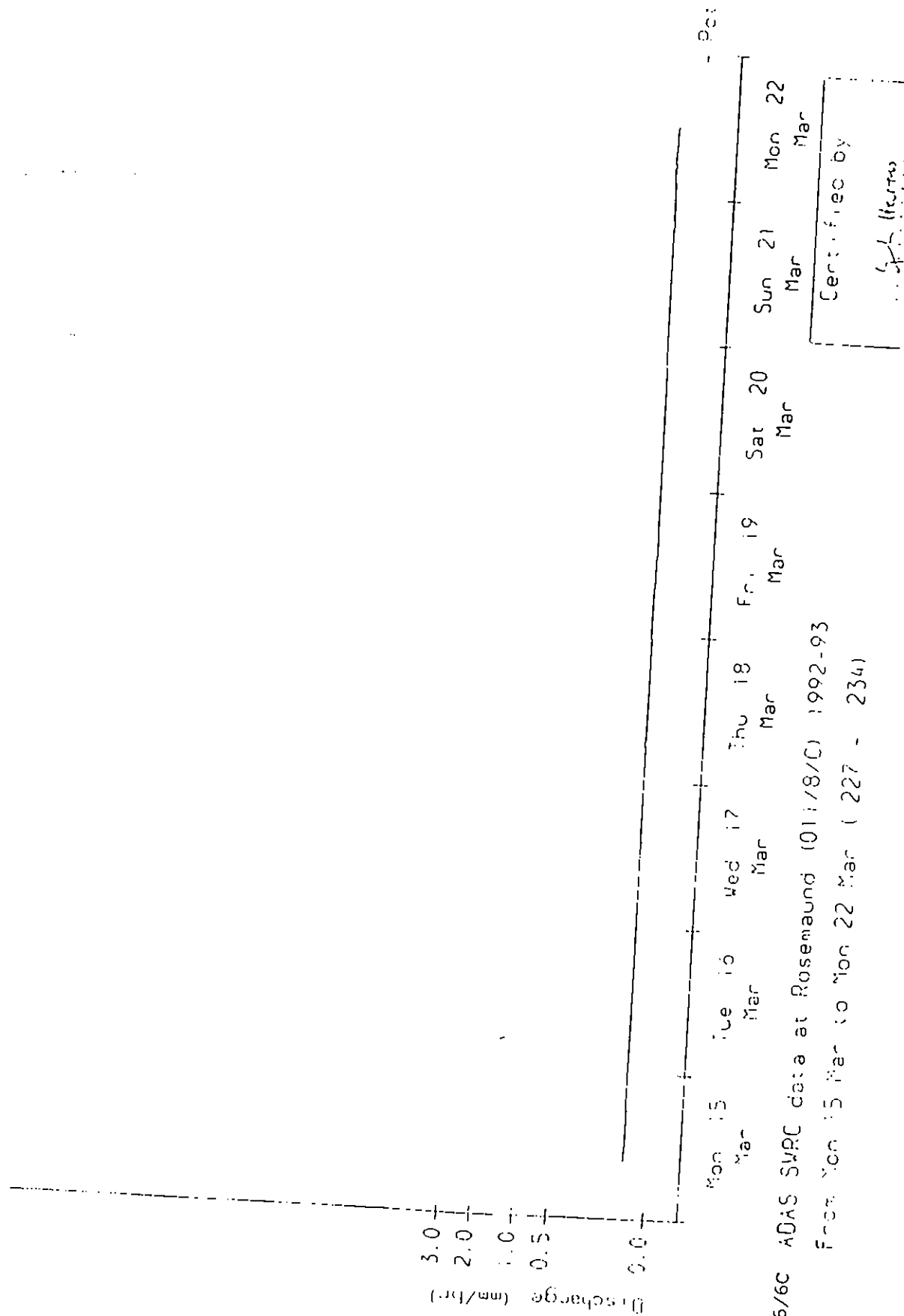


Fig A6/6C ADAS SVPC data at Rosemaund (011/8/C) 1992-93
From Mon 15 Mar to Mon 22 Mar (227 - 234)

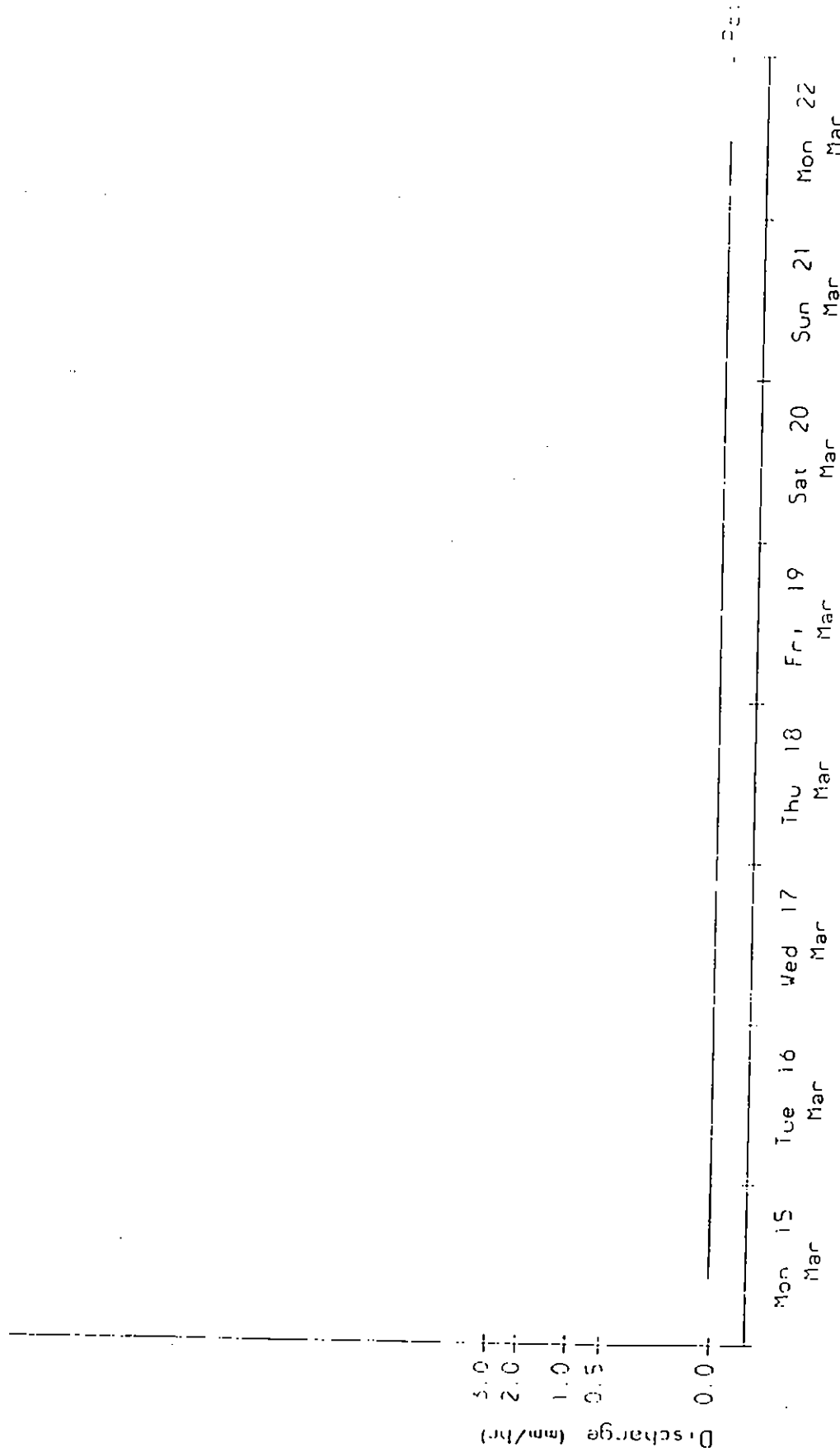


Fig A6/60 ACAS SWRC data at Roseraung (01/8/0) 1992-93
From Mon 15 Mar to Mon 22 Mar (227 - 234)

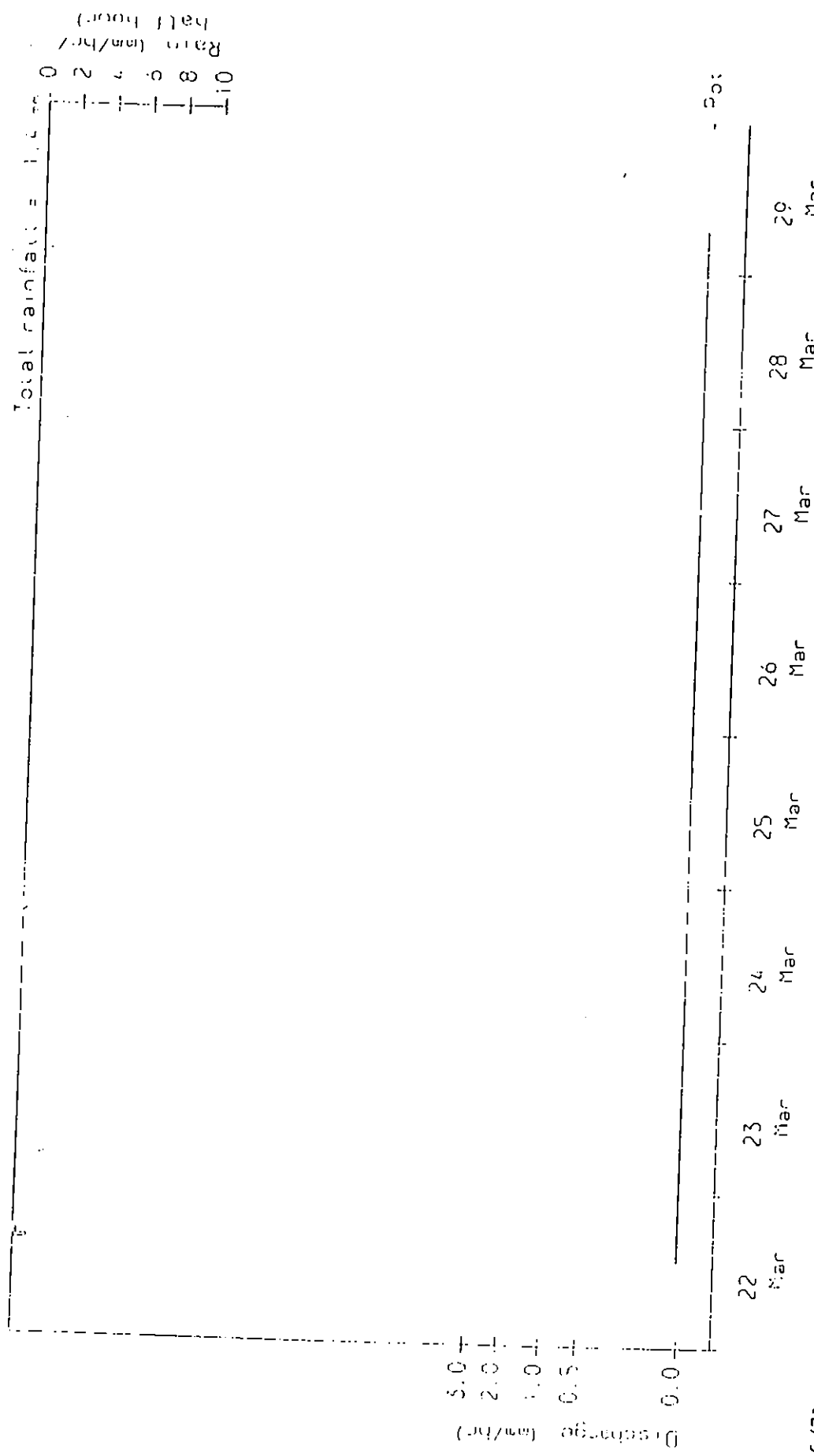
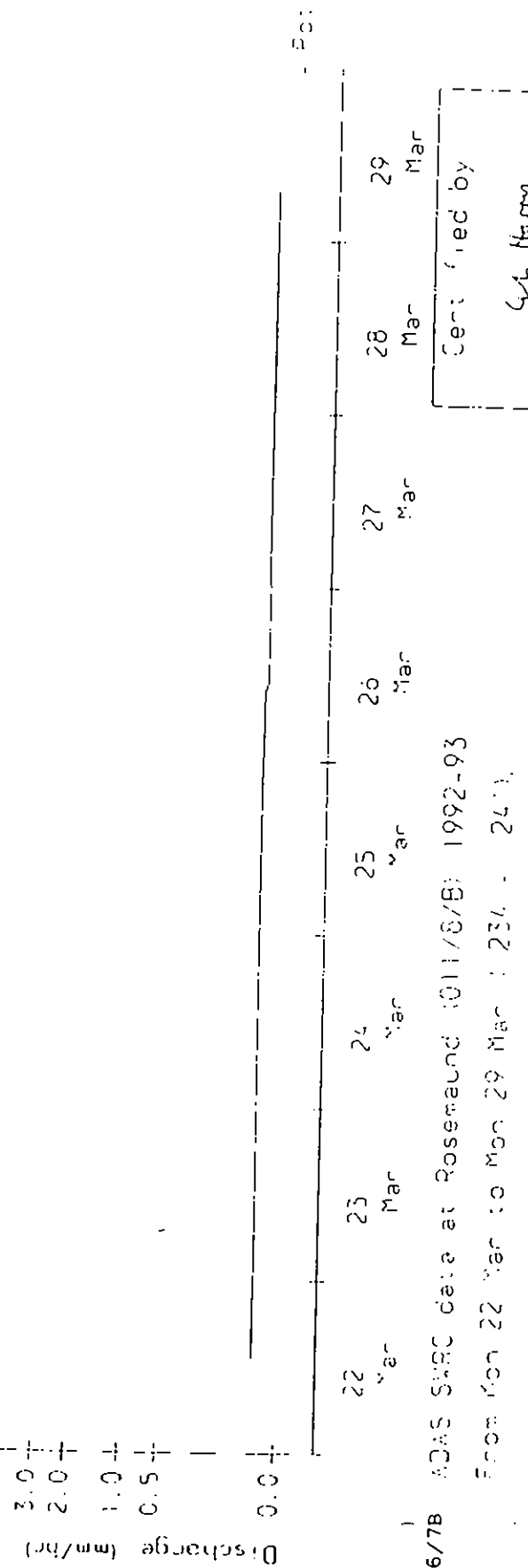
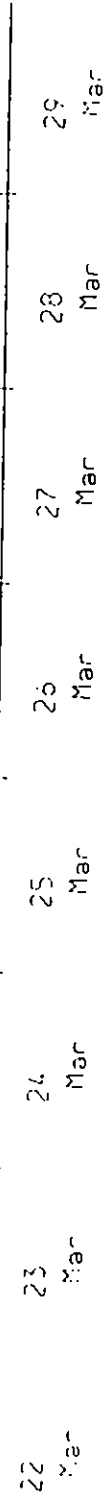


Fig A6/7A ADAS SURC Gate at Rosemaund (011/8/A) 1992-93
 From Mon 22 Mar to Mon 29 Mar (234 - 241)



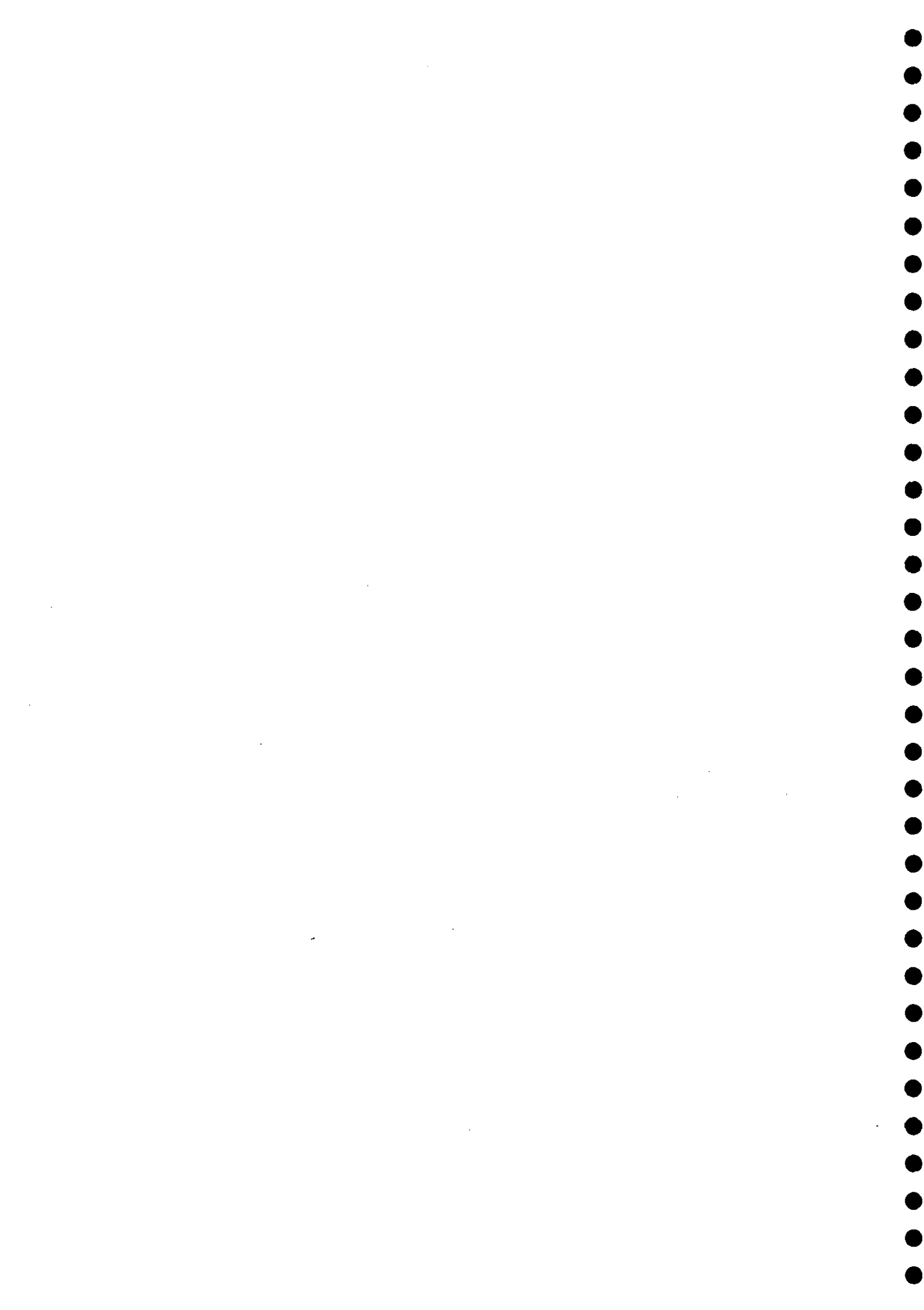
Discharge (mm/hr)

Do:



Certified by
C. H. Harris

Fig A6/7C ADAS SWRC data at Rosemaund (01/1/8/C) 1992-93
From Mon 22 Mar to Mon 29 Mar (234 - 241)



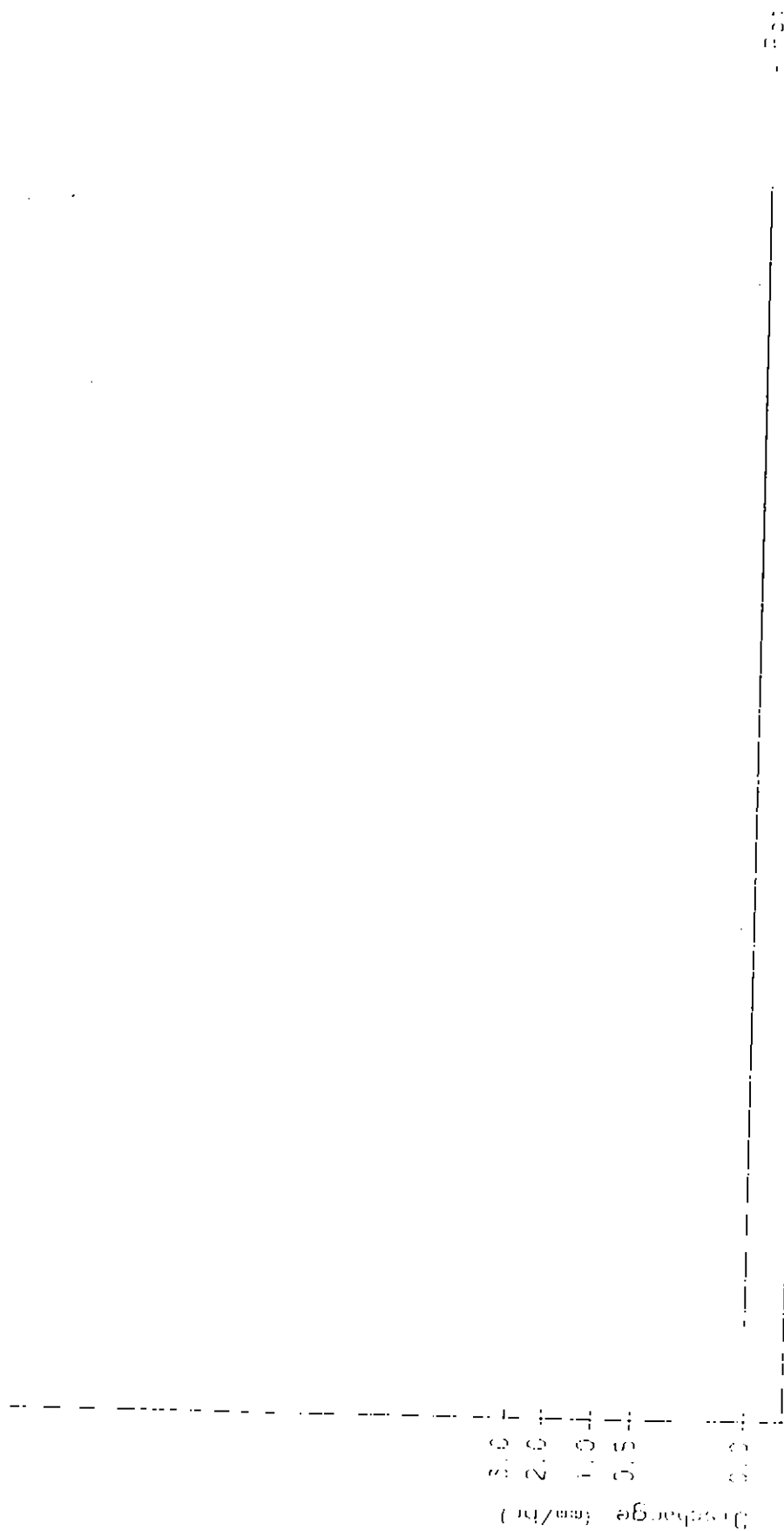


Fig A6/7D ADAS SUPC data at Rosemead (011/8/0) 1992-93
 From 22 Mar to Mon 29 Mar (25% - 26%)

Cent: filed by
 G. H. H. H.

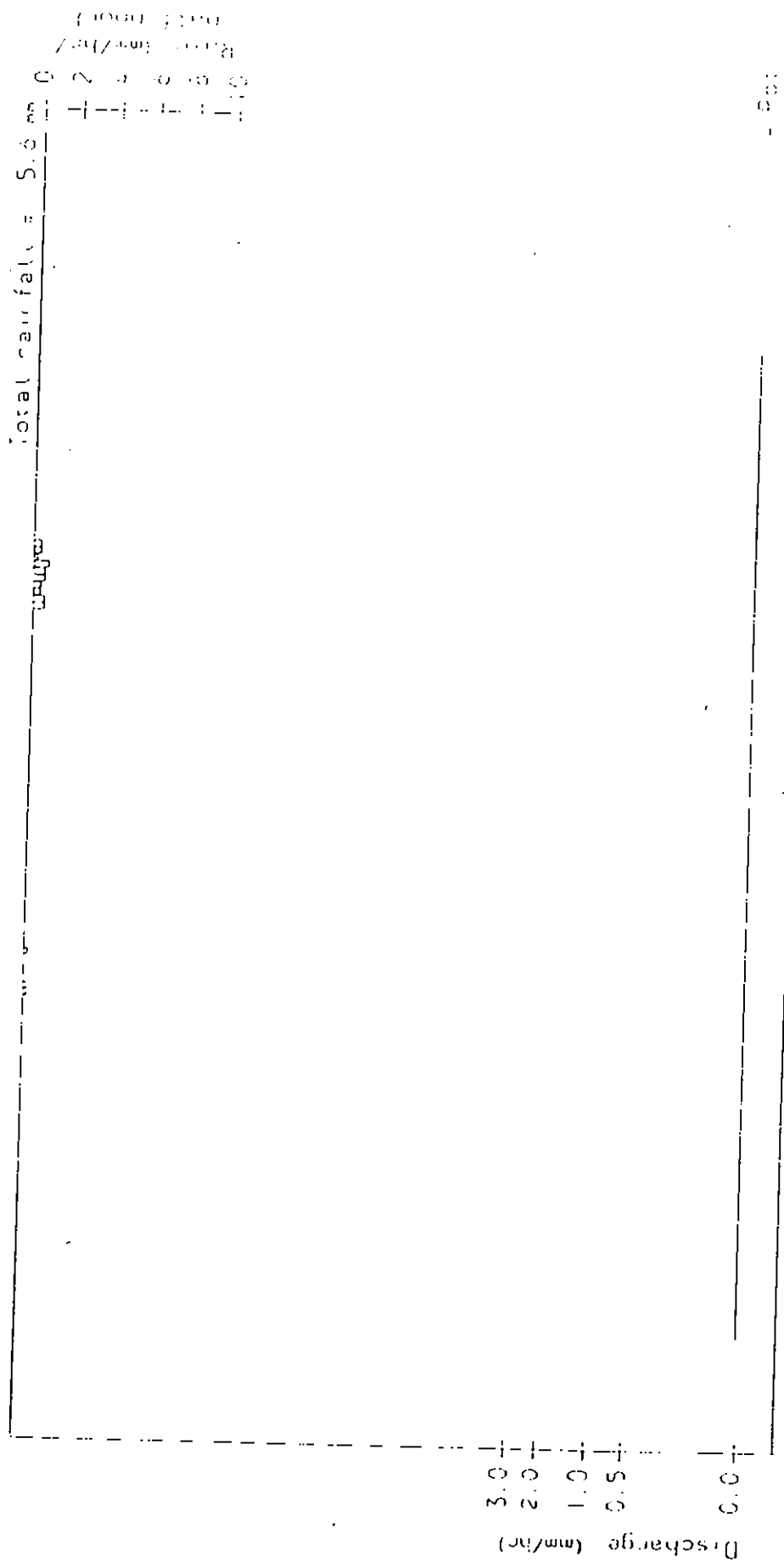


Fig A6/8A ADAS SURC Data at Rosenmund (C11/E/A) 1992-93
From Mar 29 Mar to Thu 1 Apr (241 244)

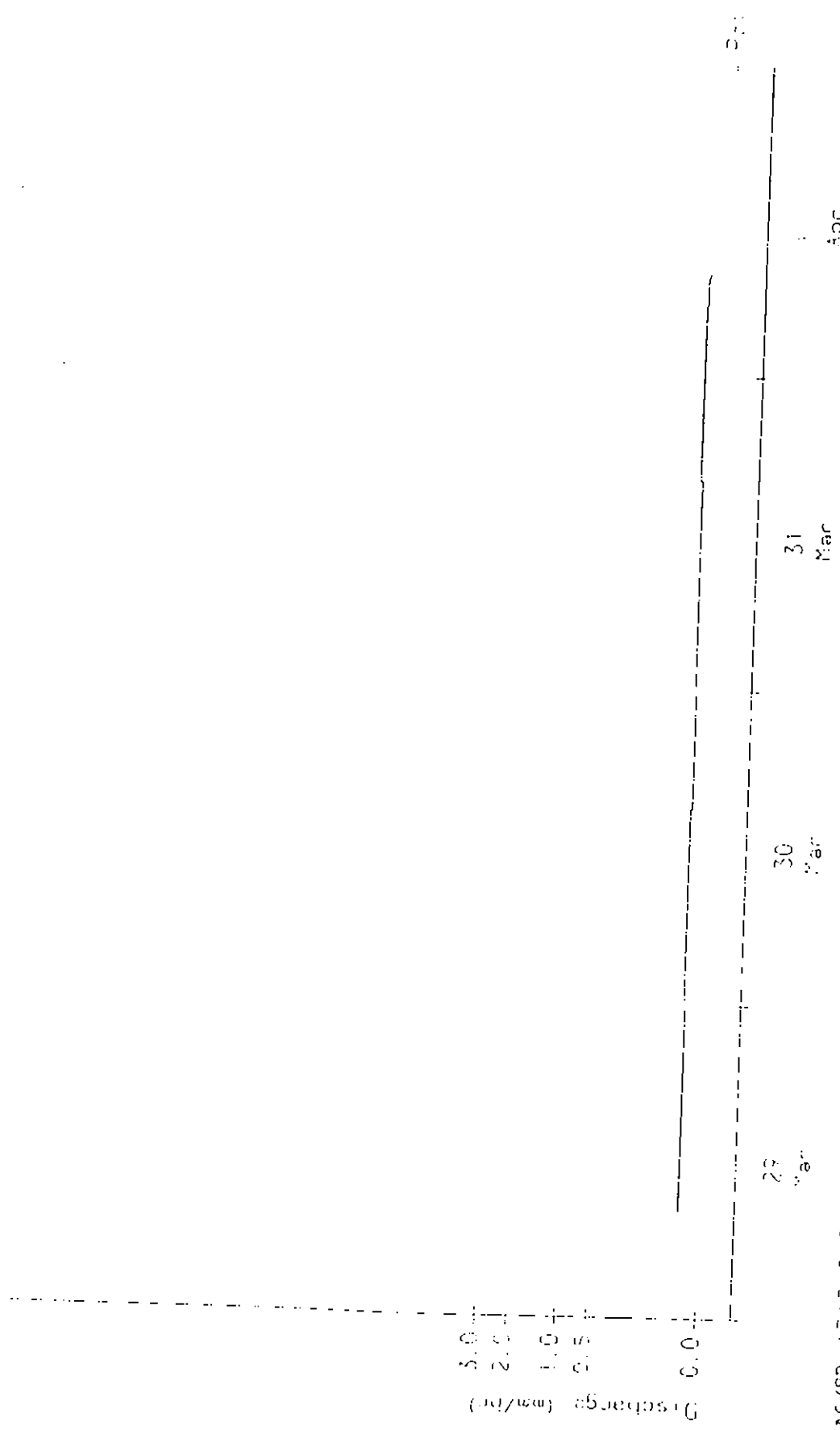


Fig A6/8B ADIS 8820 data at Rosemaund (01/18/8) 1992-93
 from 29 Mar to 1 Apr '241 - 244)

Certified by
[Signature]
 Apr

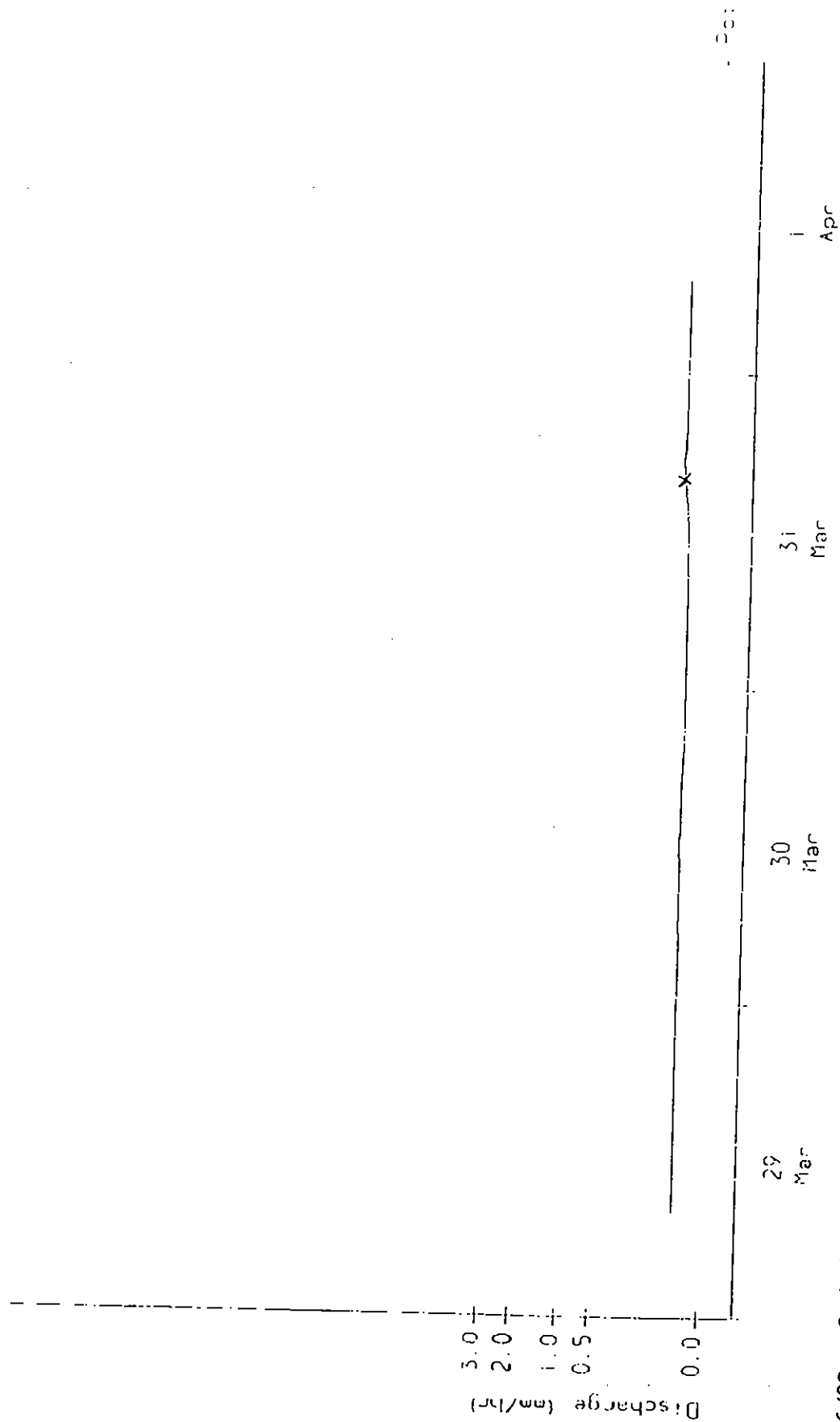


Fig A6/8C ADAS SUPC data at Rosemaund (011/8/C) 1992-93
from Mon 29 Mar to Thu 1 Apr (241 - 244)

Certified by
S. J. Martin

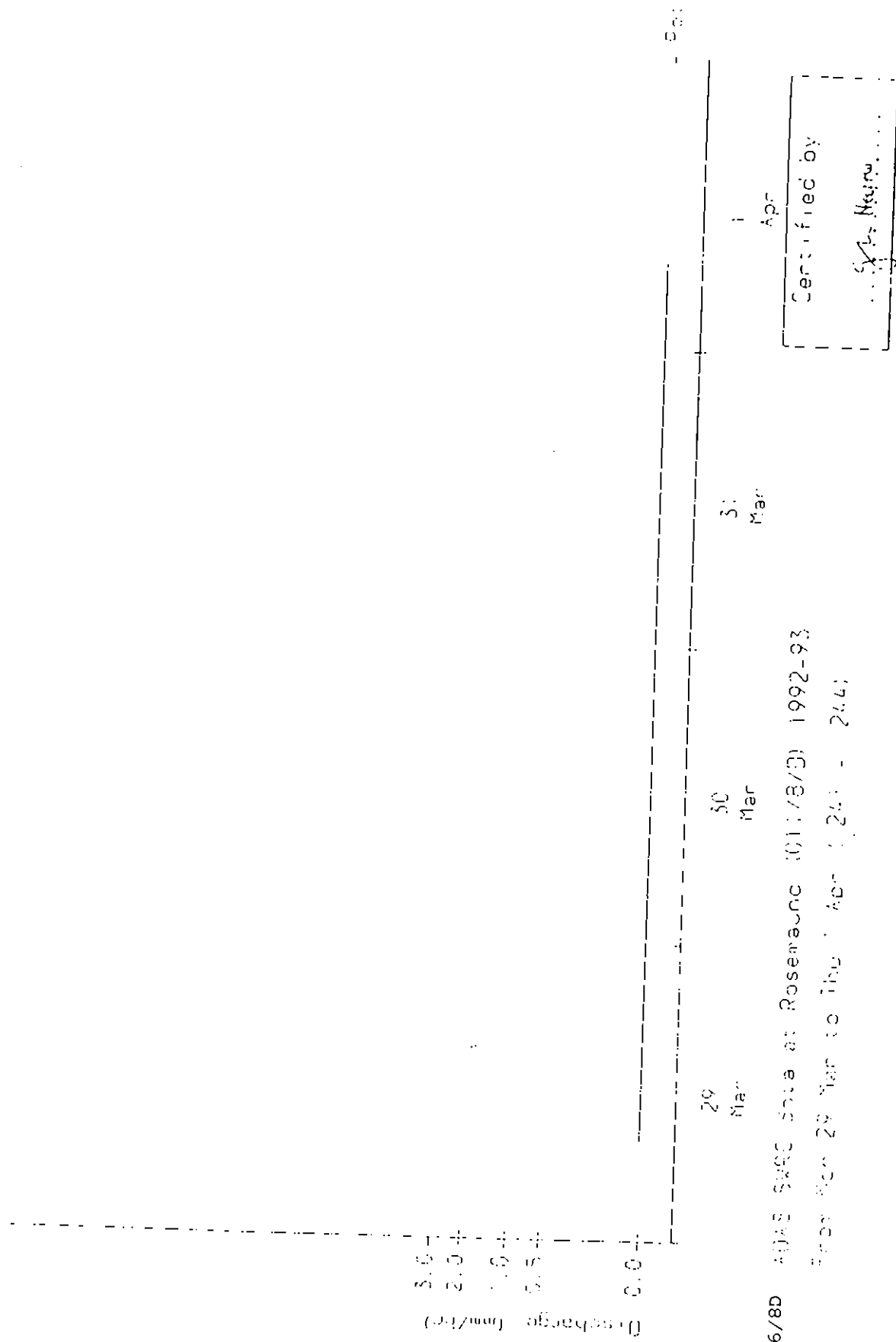


Fig A6/8D 10/25 SWEC Data at Rosemead (011/8/3) 1992-93
From Apr 29 Mar to Thu 1 Apr 1992 - 2041

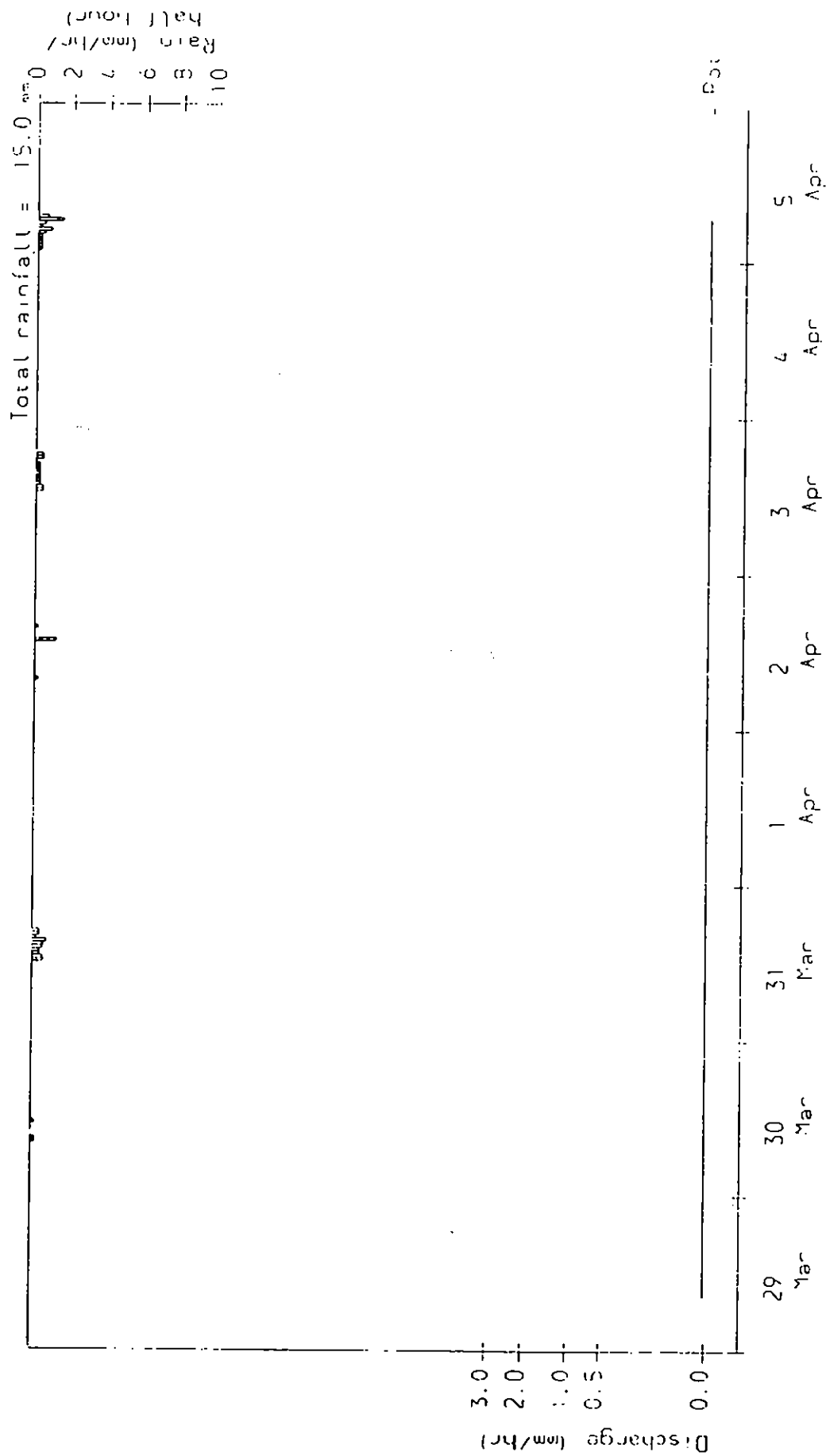


Fig A6/9A ACAS SWRC data at Rosemaund (01/1/8/A) 1992-93
From Mon 29 Mar to Mon 5 Apr (241 - 248)

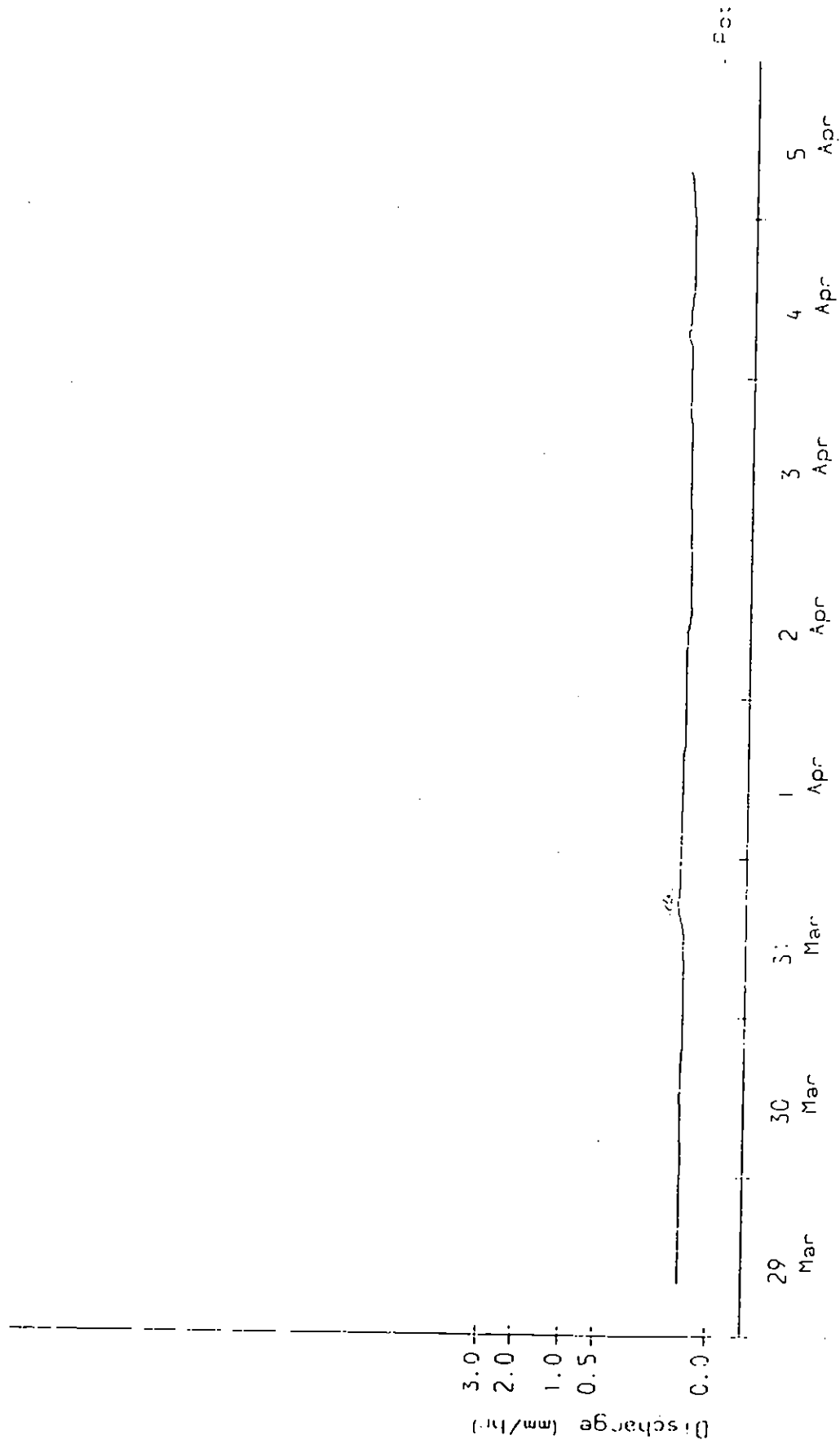


Fig A6/9C ADAS SURC data at Rosemaund (011/8/C) 1992-93

From Mon 29 Mar to Mon 5 Apr (241 - 248)

Certified by

... G. H. Harris ...

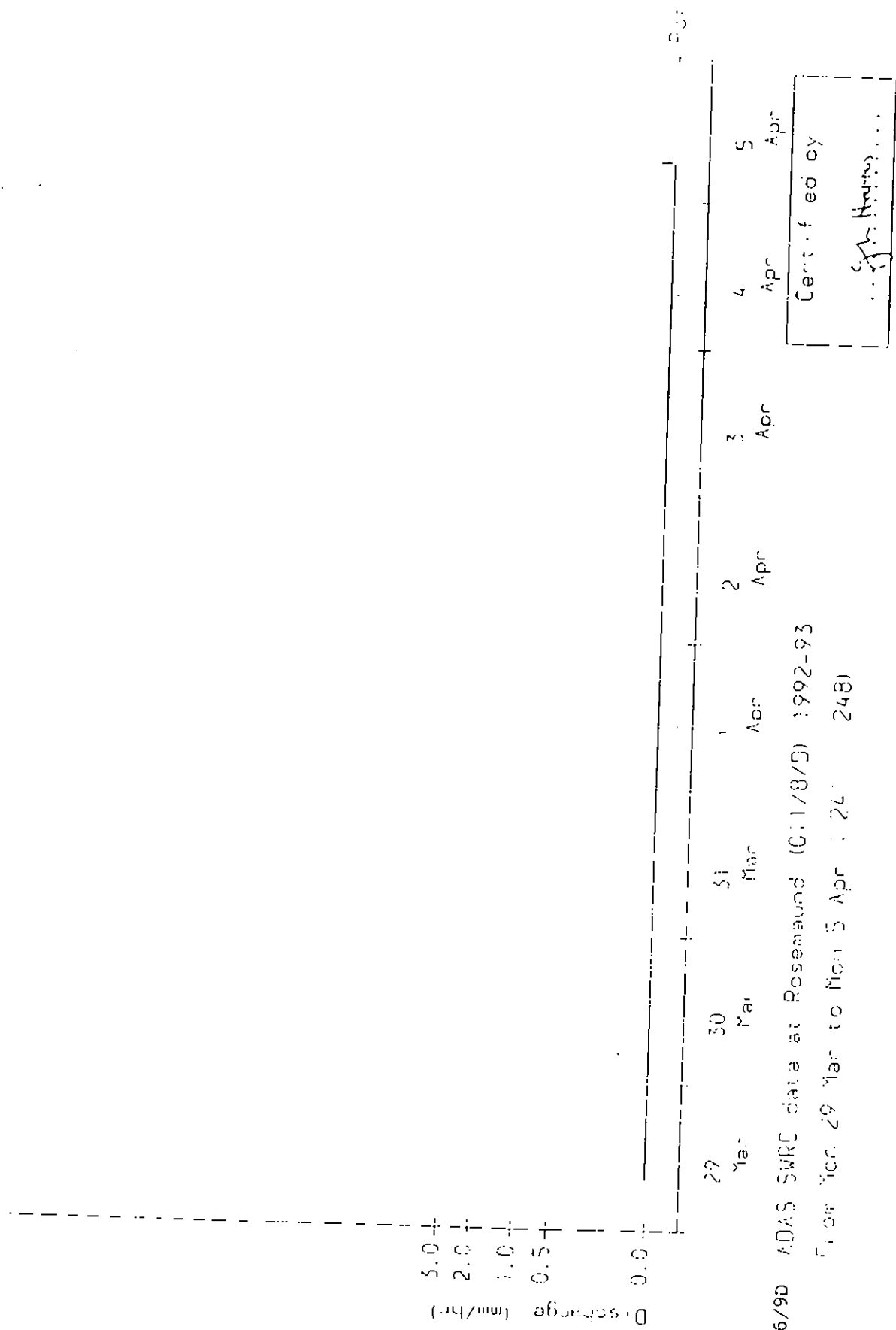


Fig A6/9D ADAS SWRC data at Rosemaund (01/1/8/D) 1992-93
Flow from 29 Jan to Mon 5 Apr 1992 (248)

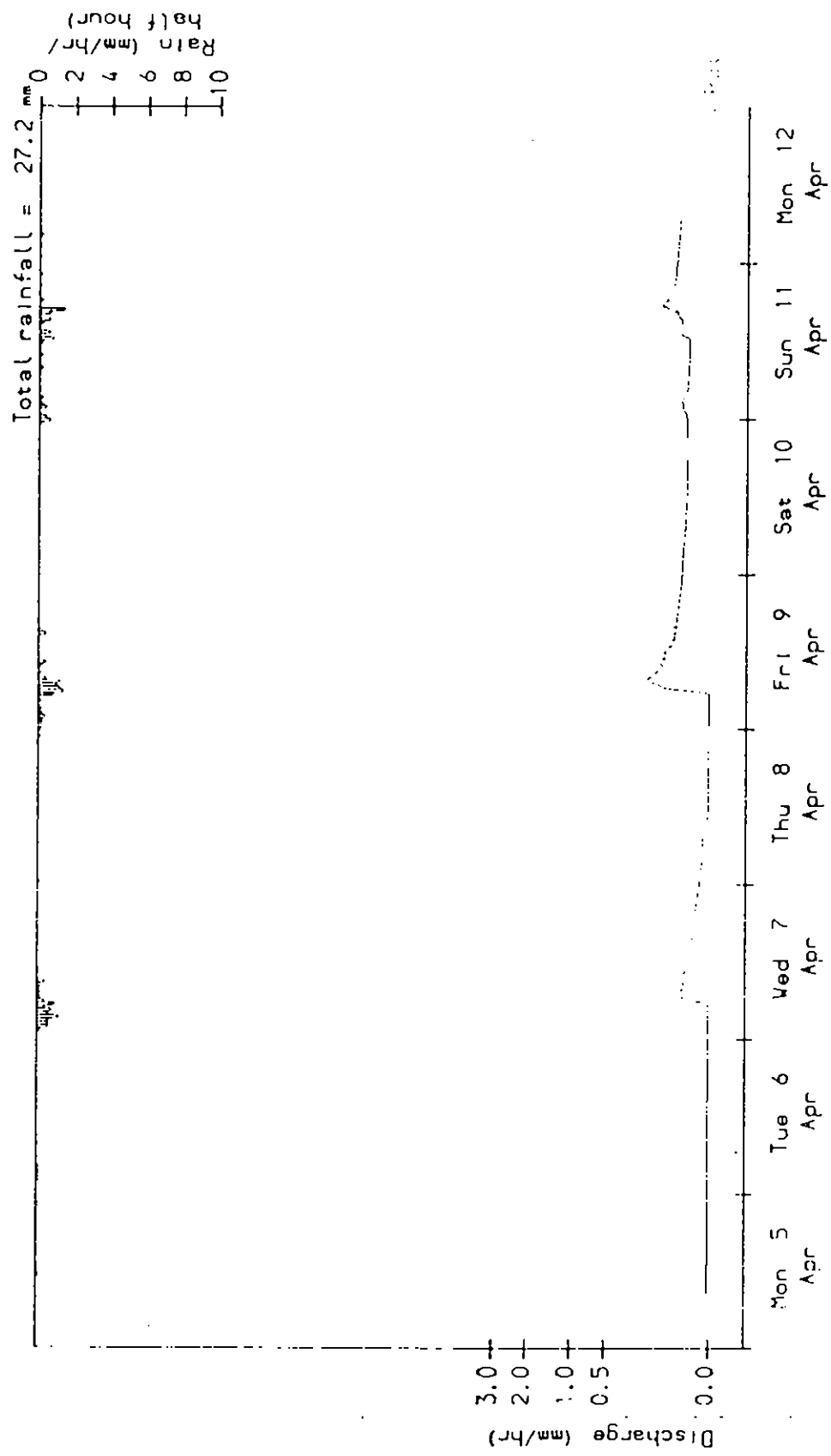


Fig A6/10A ADAS SURC data at Rosemaund (01/1/8/A) 1992-93

From Mon 5 Apr to Mon 12 Apr (248 - 255)

Certified by
...G. A. NORTON...

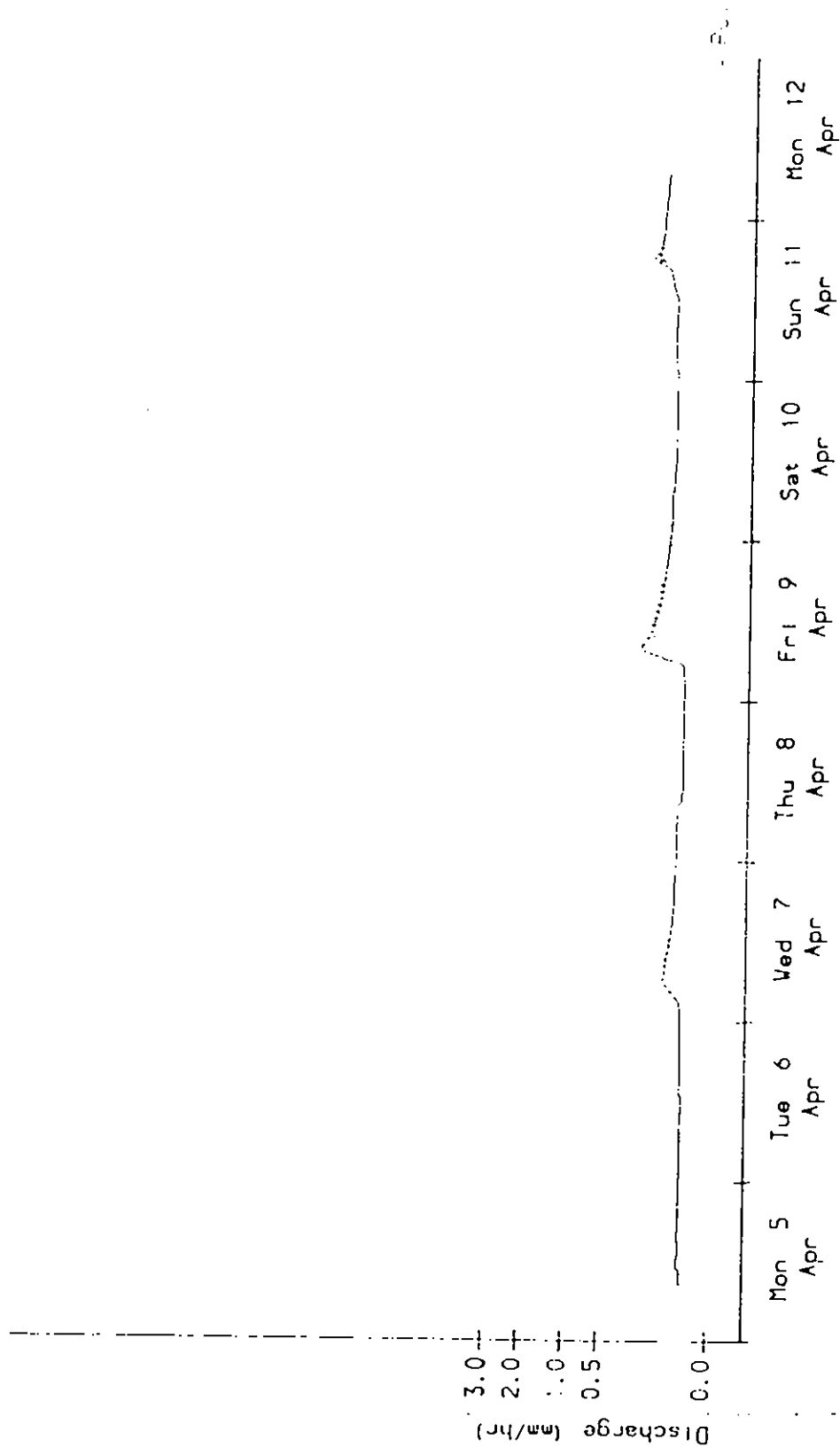


Fig A6/10C ADAS SWRC data at Rosemaund (01/1/8/C) 1992-93

From Mon 5 Apr to Mon 12 Apr (248 - 255)

Certified by
[Signature]
 ...

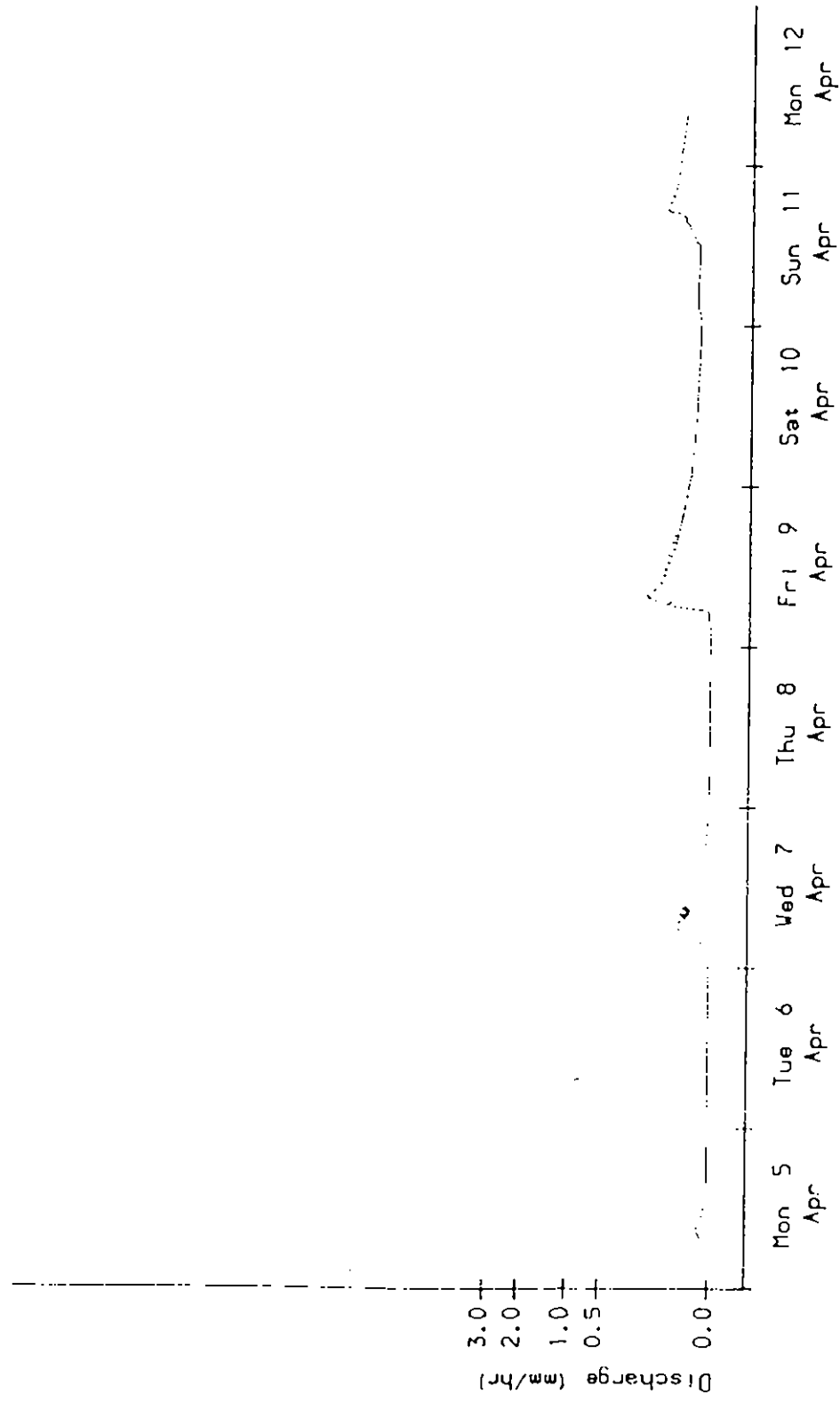
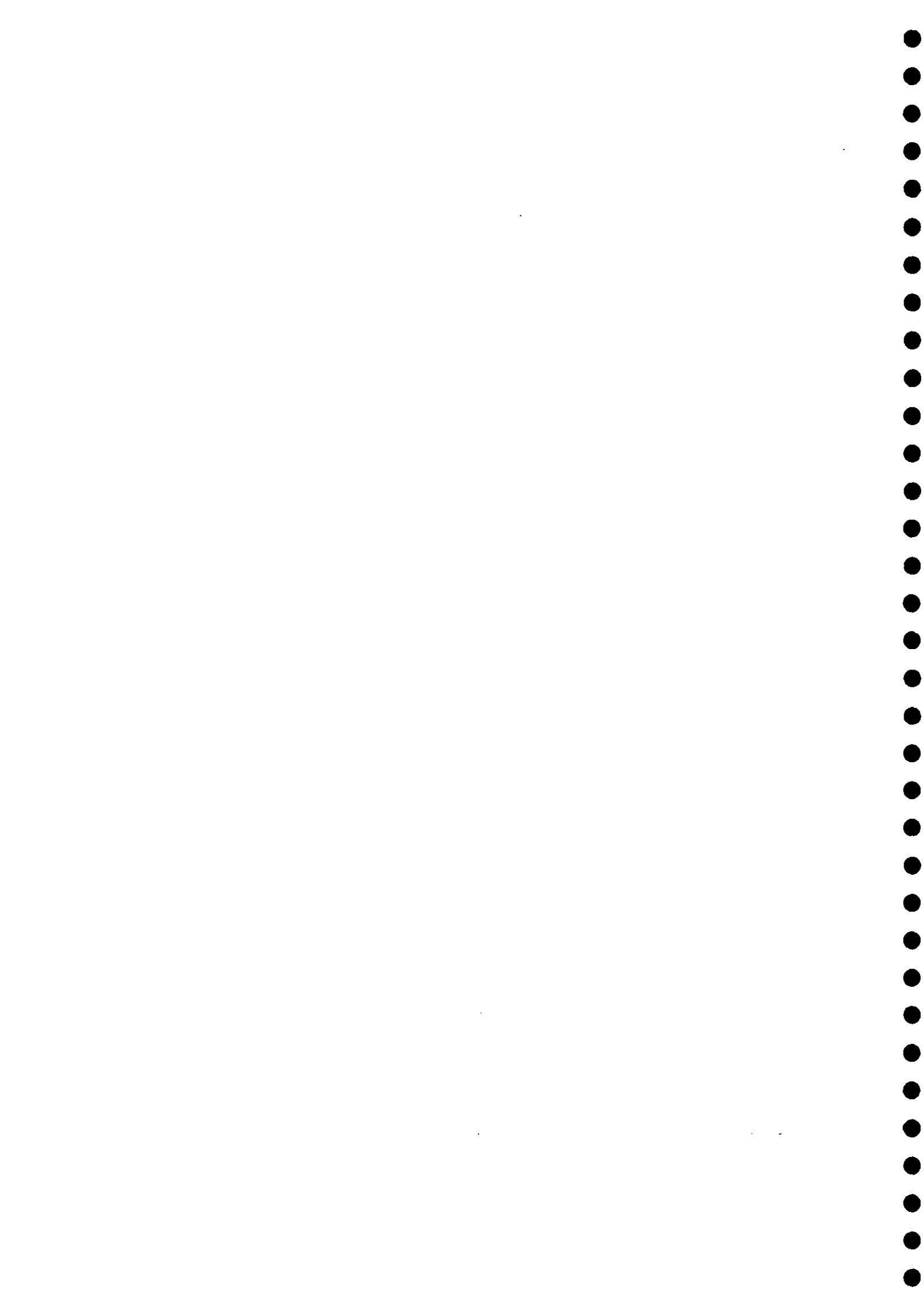


Fig A6/102 ADAS SWRC data at Rosemaund (011/8/D) 1992-93

From Mon 5 Apr to Mon 12 Apr (248 - 255)

Certified by
...
...



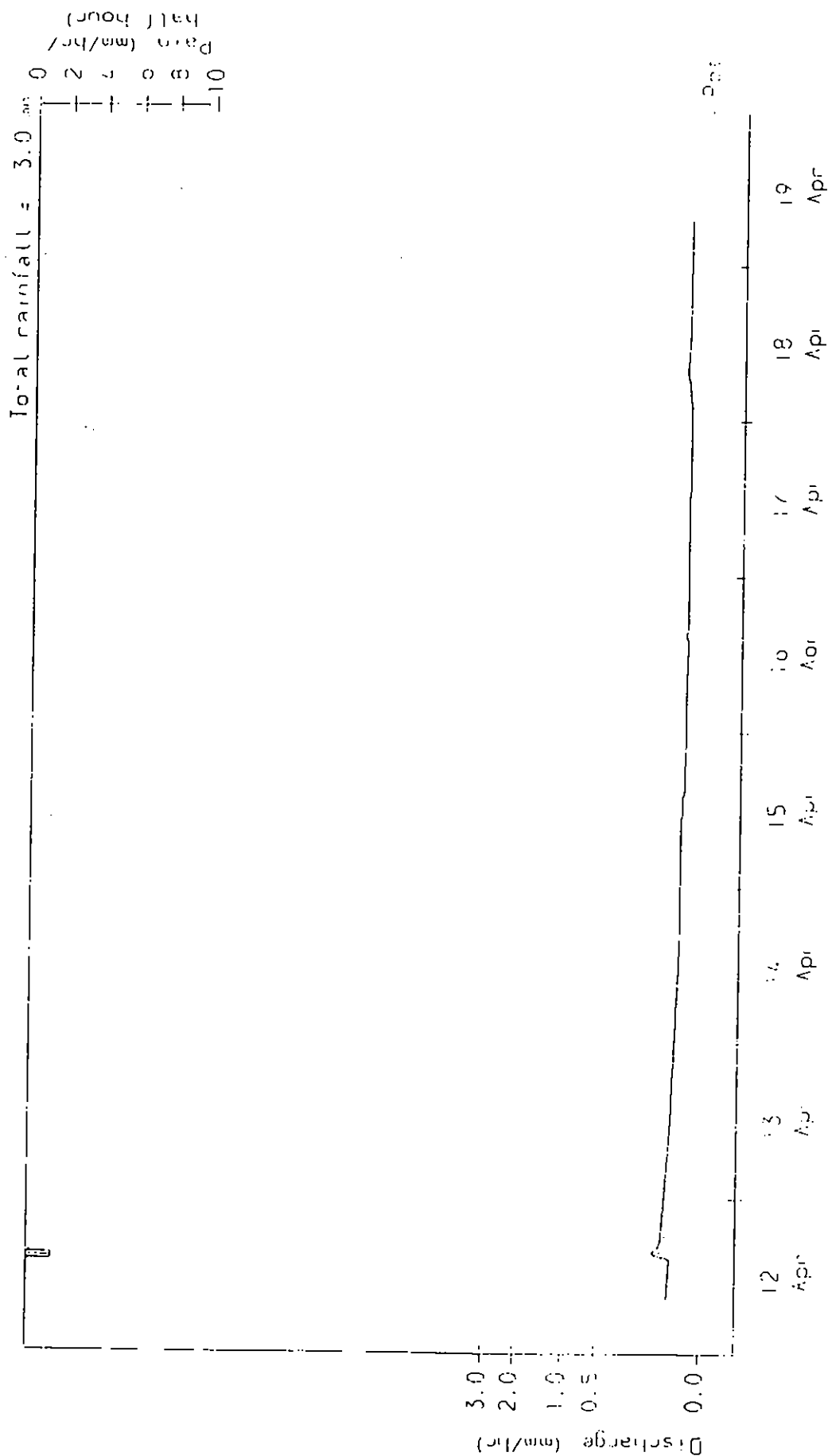


Fig A6/11A ADAS SWPC data at Rosemaund (011/8/A) 1992.93

From Mon. 12 Apr to Mon 19 Apr (255 - 262)

Certified by

G.A. Houghton

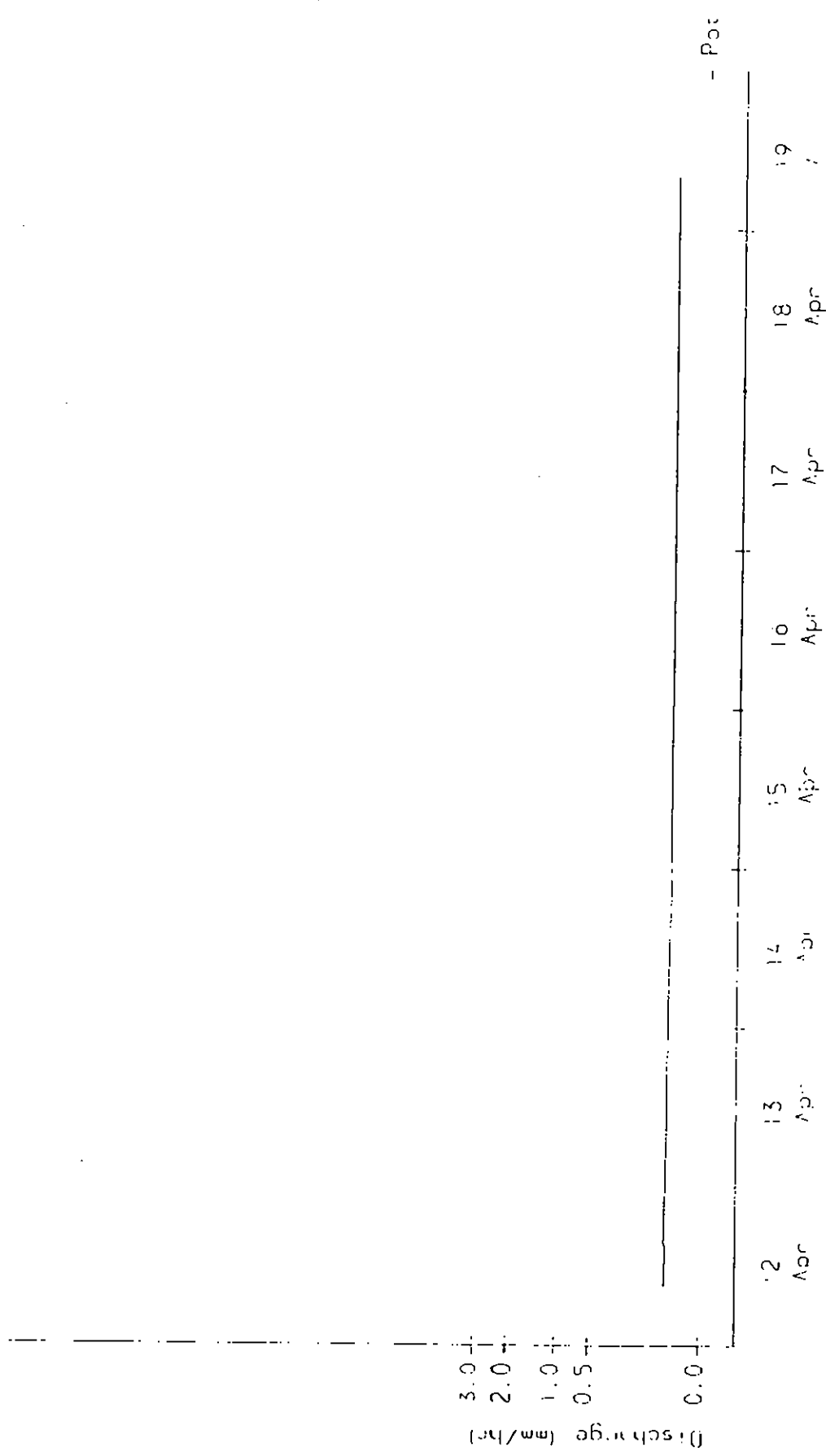
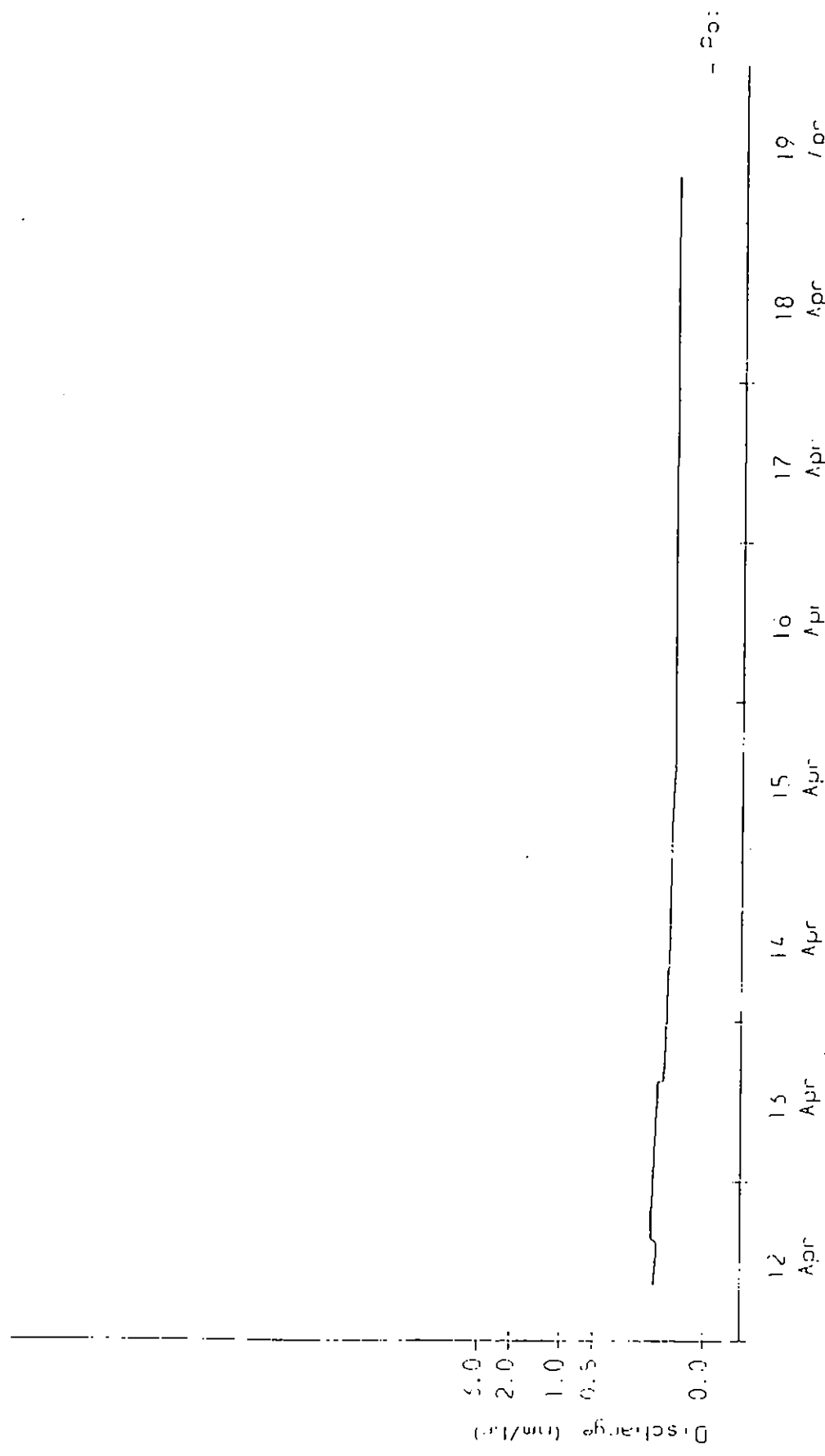


Fig A6/11B ADIS SWRC data at Rosemaund (01/18/8) 1992-93

From Mon 12 Apr to Mon 19 Apr (255 - 262)

Certified by
...G.A. Harris...



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Fig A6/11C ADAS SWRC data at Poreland (0.11/8/C) 1992-93

From Mon 12 Apr to Mon 19 Apr (255 - 262)

Certified by
G. H. Harris

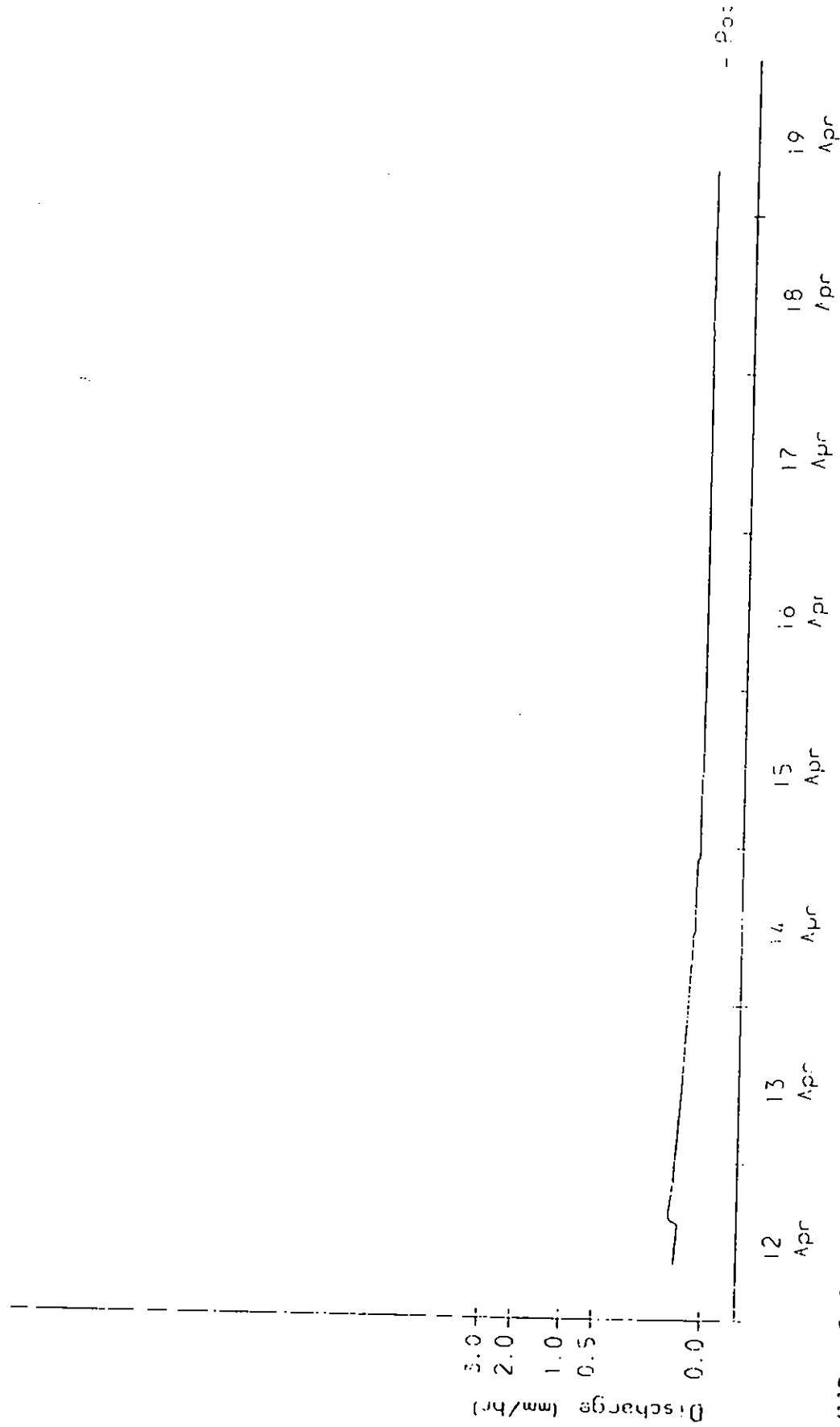


Fig A6/11D ADAS SWPC data at Posemaund (011/8/D) 1992-93

From Mon 12 Apr to Mon 19 Apr (255 - 262)

Certified by
[Signature]

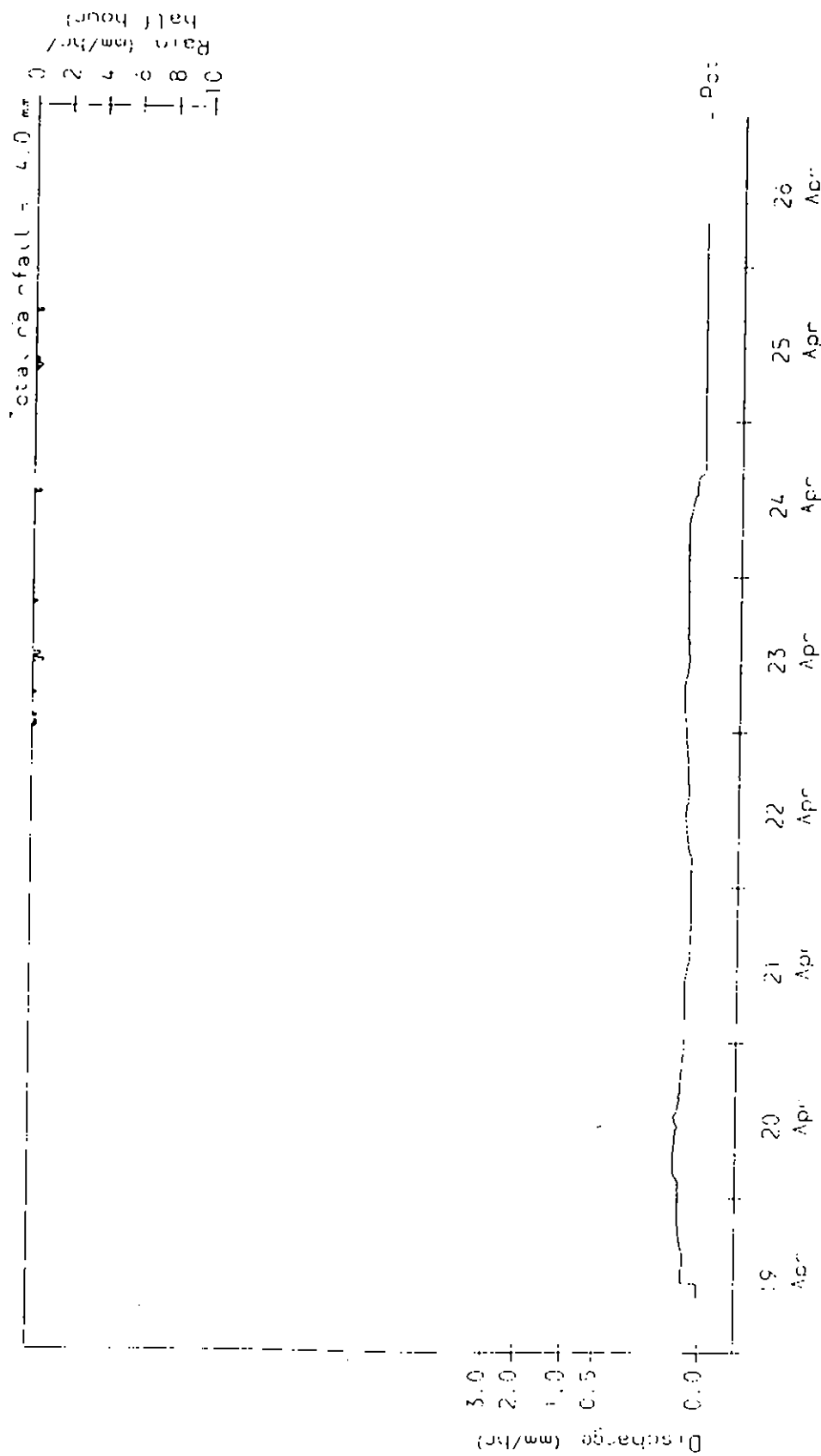


Fig A6/12A ADS SWR data at Rosebush (011/8/A) 1992-93
From Mon 19 Apr to Mon 26 Apr (267 - 269)

Certified by
G. H. H. H.

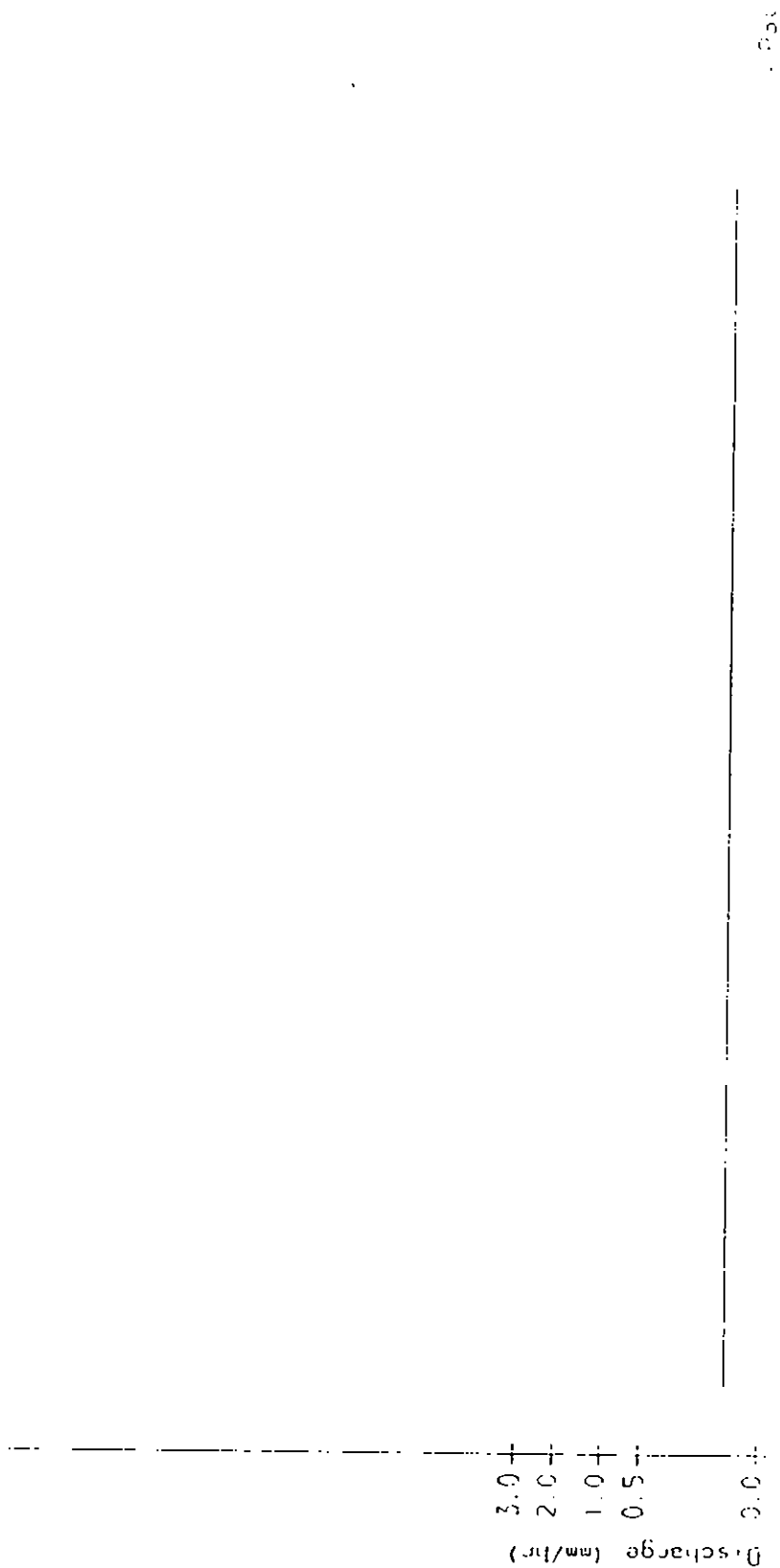


Fig A6/12B

ADAS SWRC data at Rosemaund (C11/8/8) 1992-93

From Mon 19 Apr to Mon 26 Apr (262 - 269)

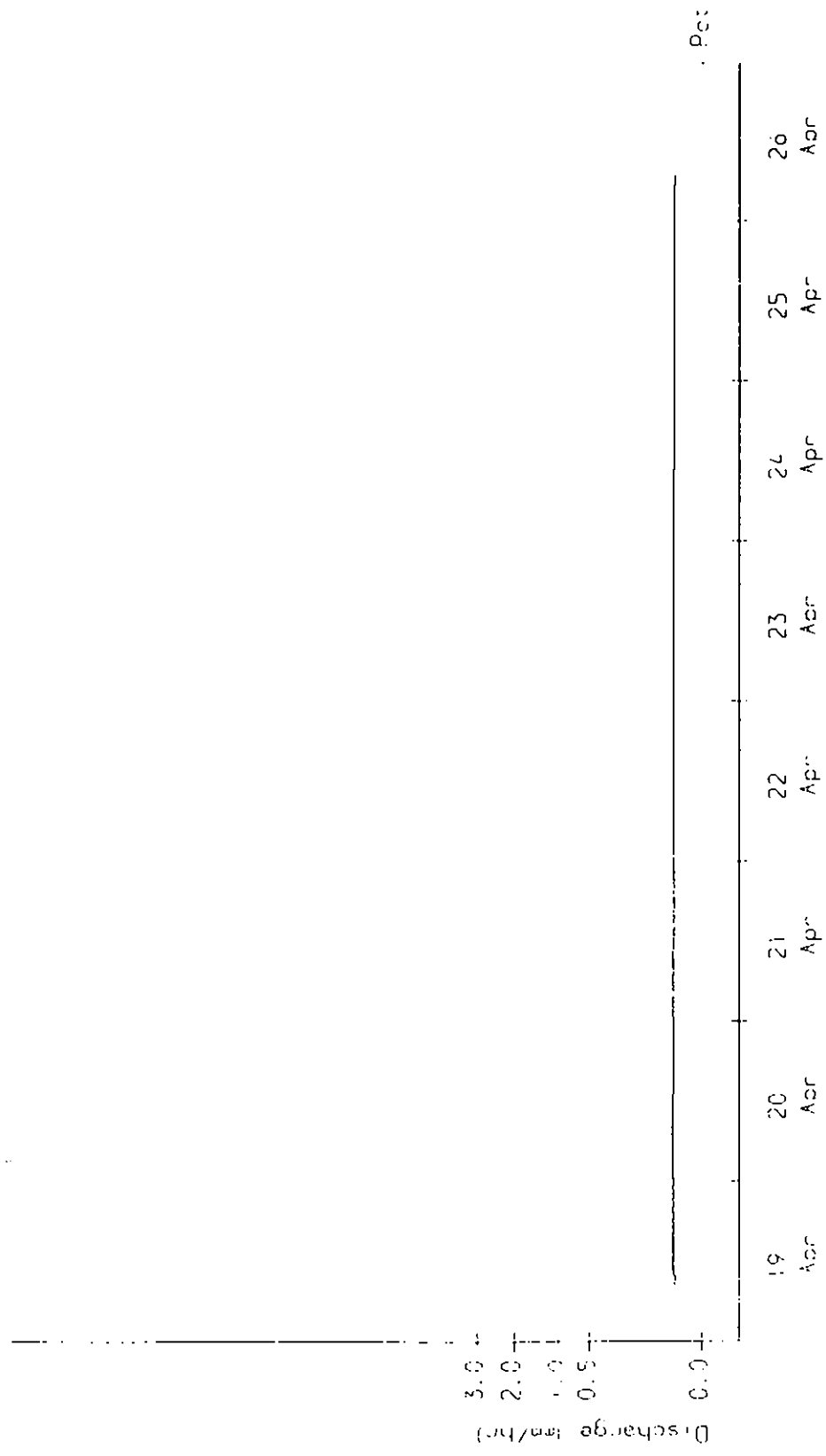


Fig A6/20 ADAS SWRC data at Rosemaund (011/5/C) 1992-93
 From Mon 19 Apr to Mon 26 Apr (262 - 269)

Certified by
... J. Harris ...

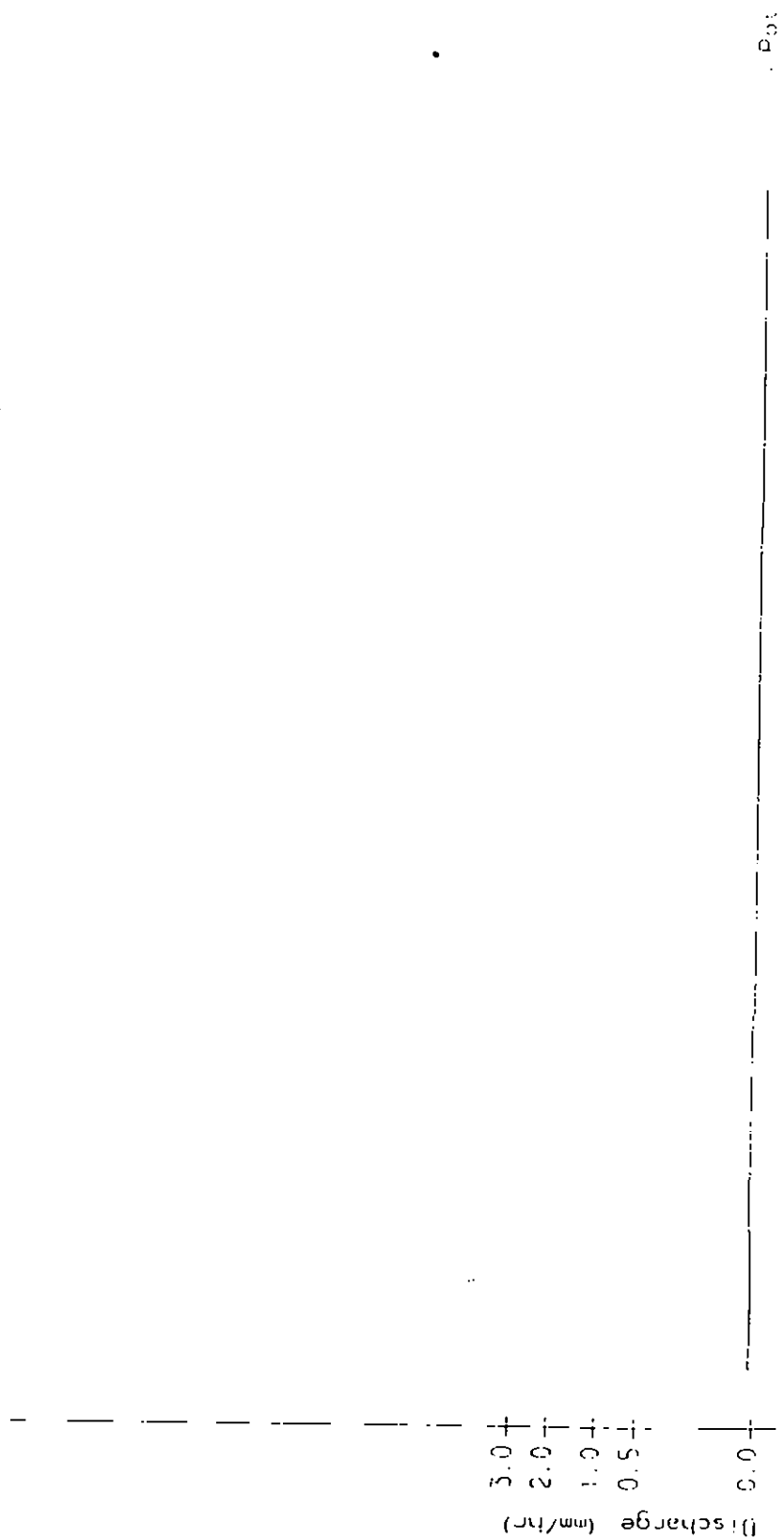


Fig A6/12D ADAS SWRC data at Rosemaund (011/8/D) 1992-93
From Mon 19 Apr to Mon 26 Apr (262 - 269)

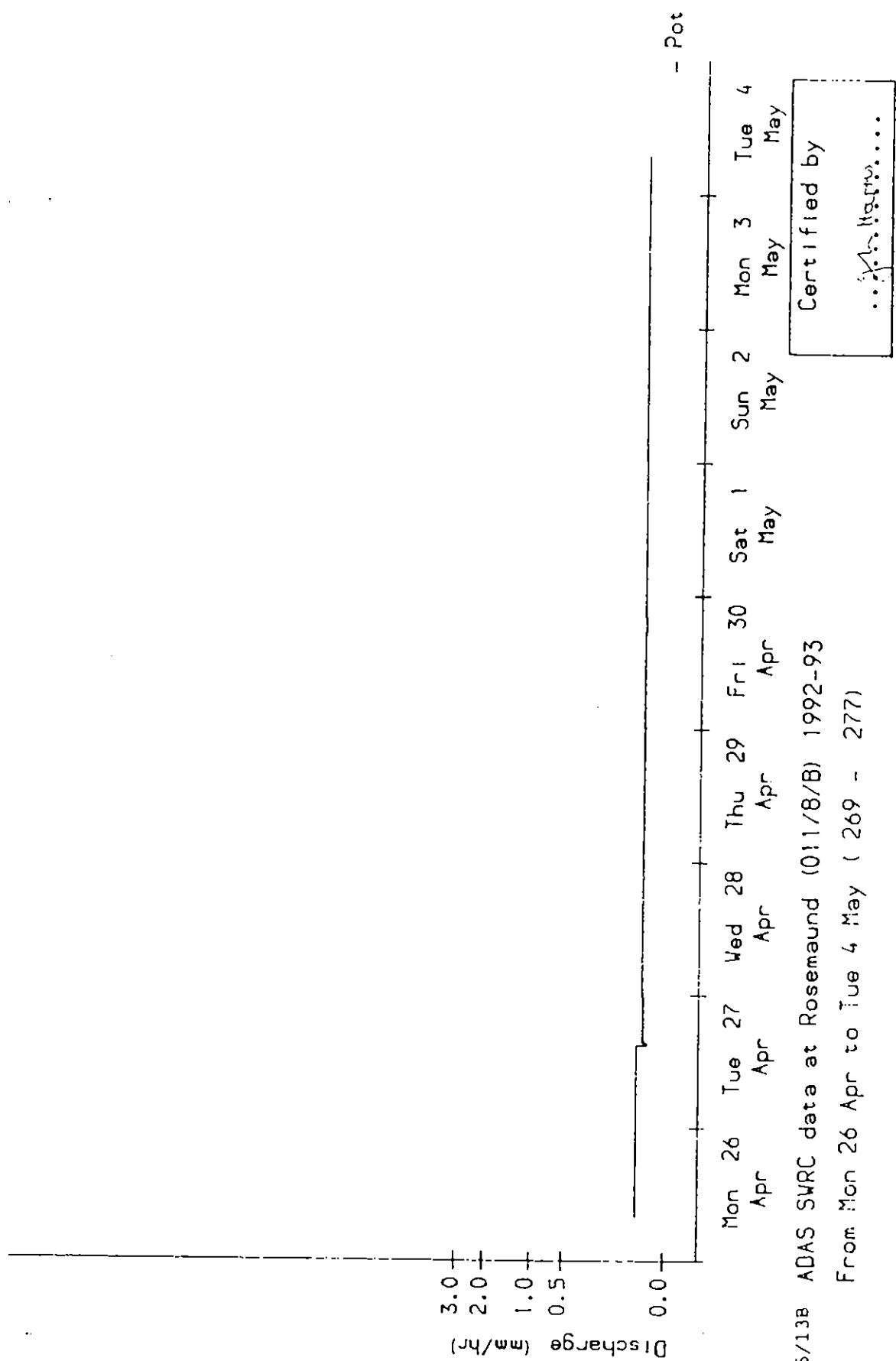


Fig A6/13B ADAS SWRC data at Rosemaund (01/1/8/B) 1992-93
From Mon 26 Apr to Tue 4 May (269 - 277)

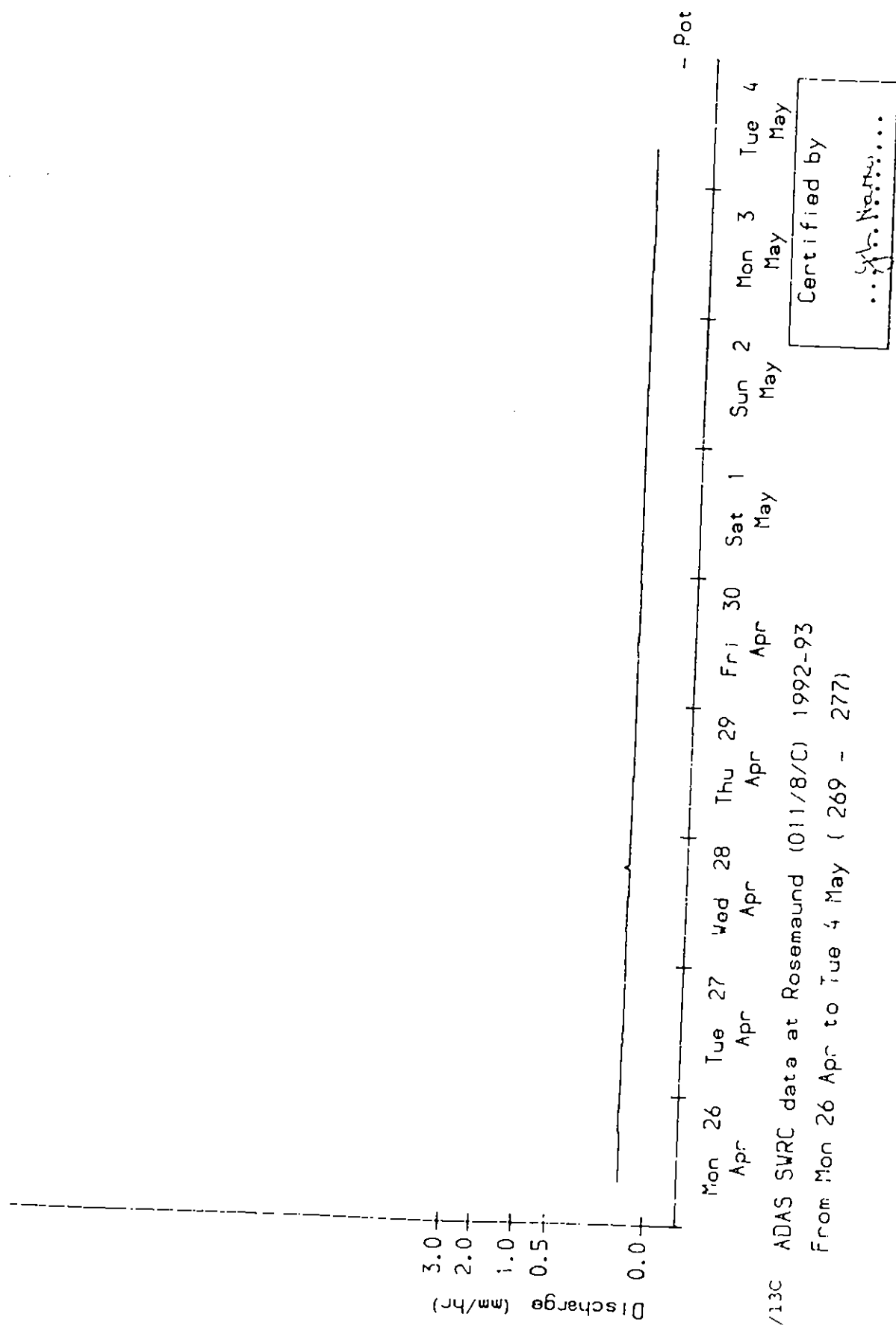
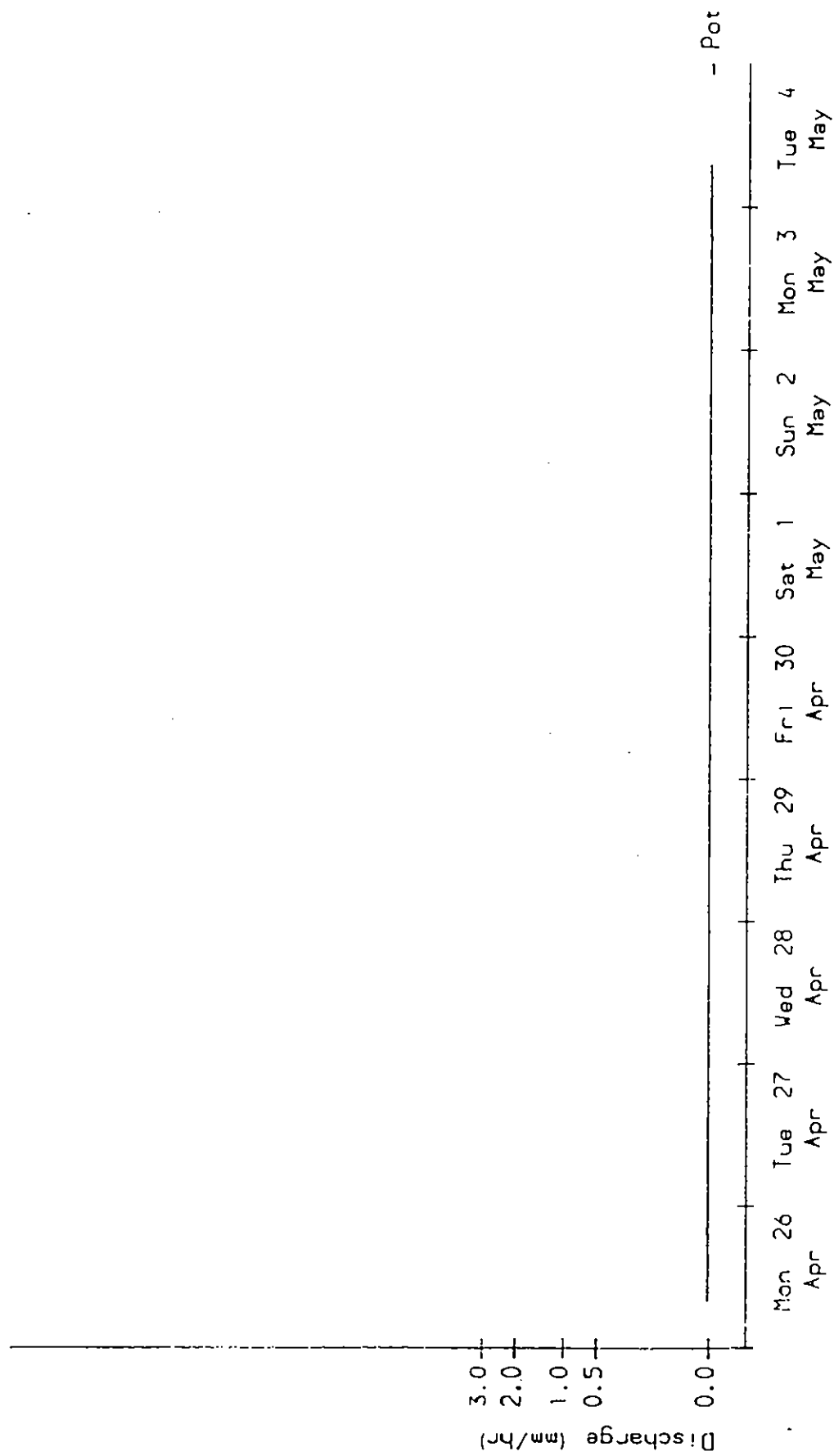


Fig A6/13C ADAS SWRC data at Rosemaund (011/8/C) 1992-93
From Mon 26 Apr to Tue 4 May (269 - 277)

Certified by
...
...



Certified by
[Signature]

Fig A6/13D ADAS SVRC data at Rosemaund (011/8/D) 1992-93

From Mon 26 Apr to Tue 4 May (269 - 277)

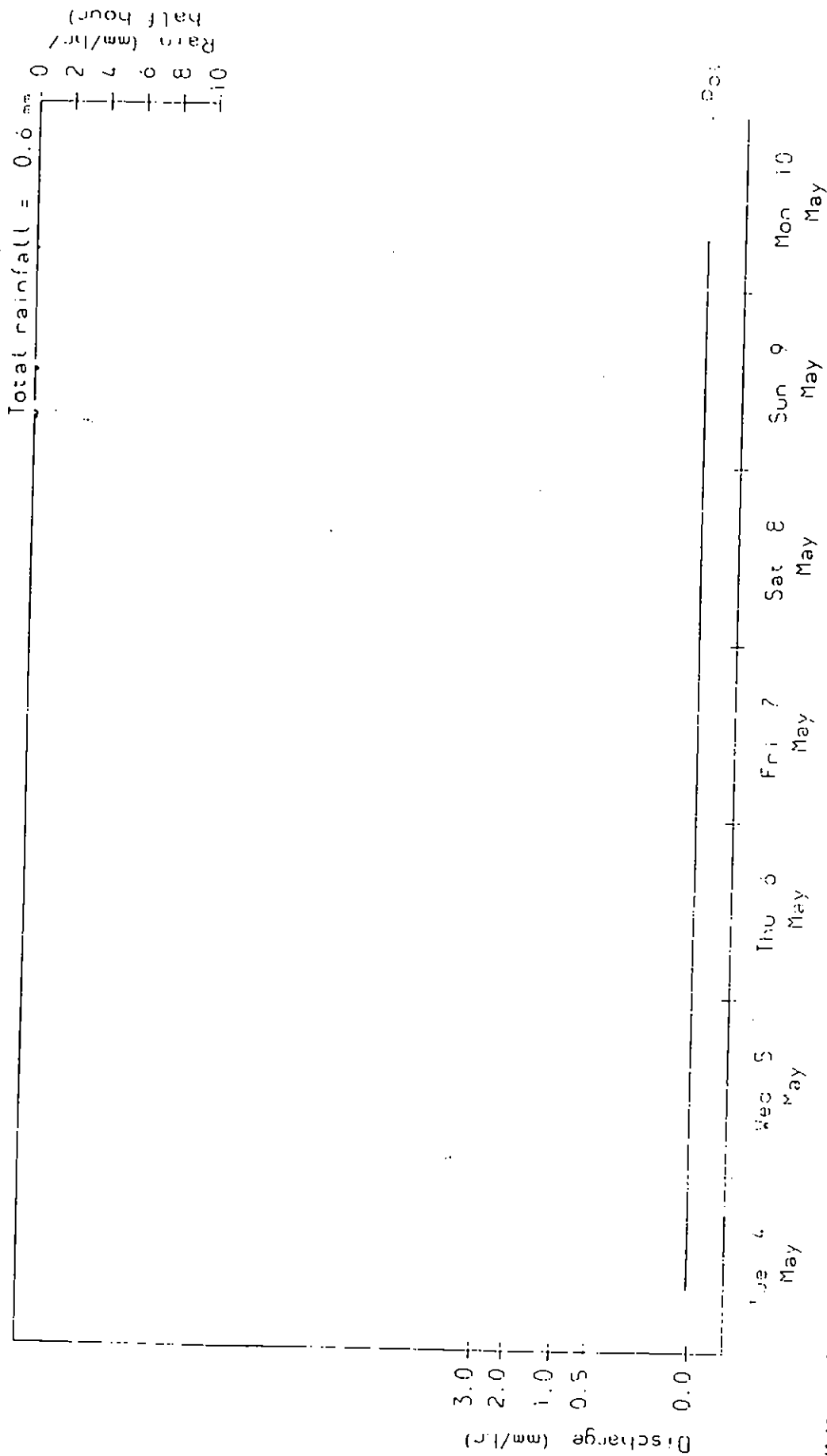


Fig A6/14A ADAS SWRC data at Rosemaund (011/8/A) 1992-93
from Tue 4 May to Mon 10 May (277 - 283)

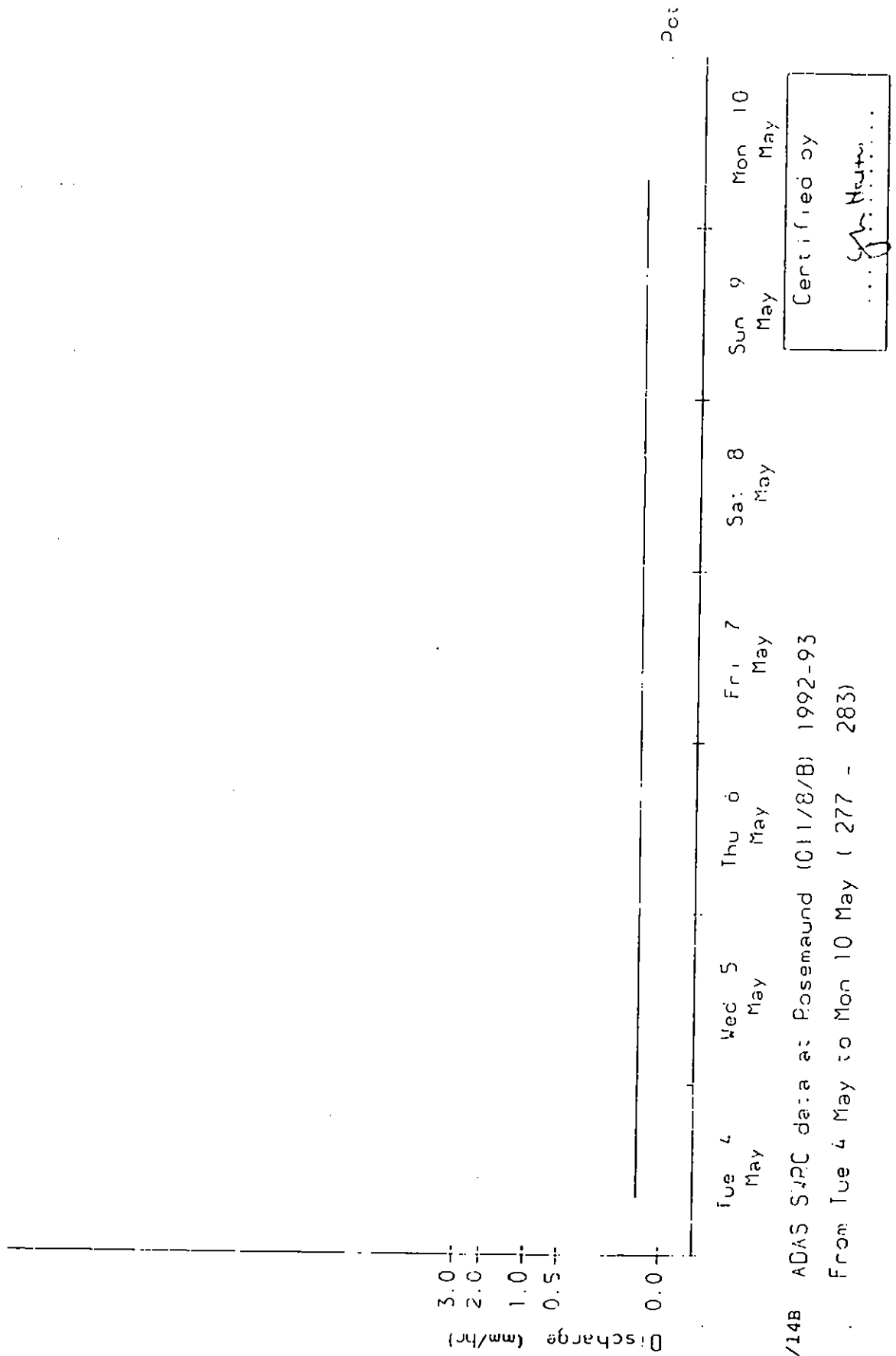


Fig A6/14B ADAS SURC data at Rosemaund (011/8/B) 1992-93
From Tue 4 May to Mon 10 May (277 - 283)

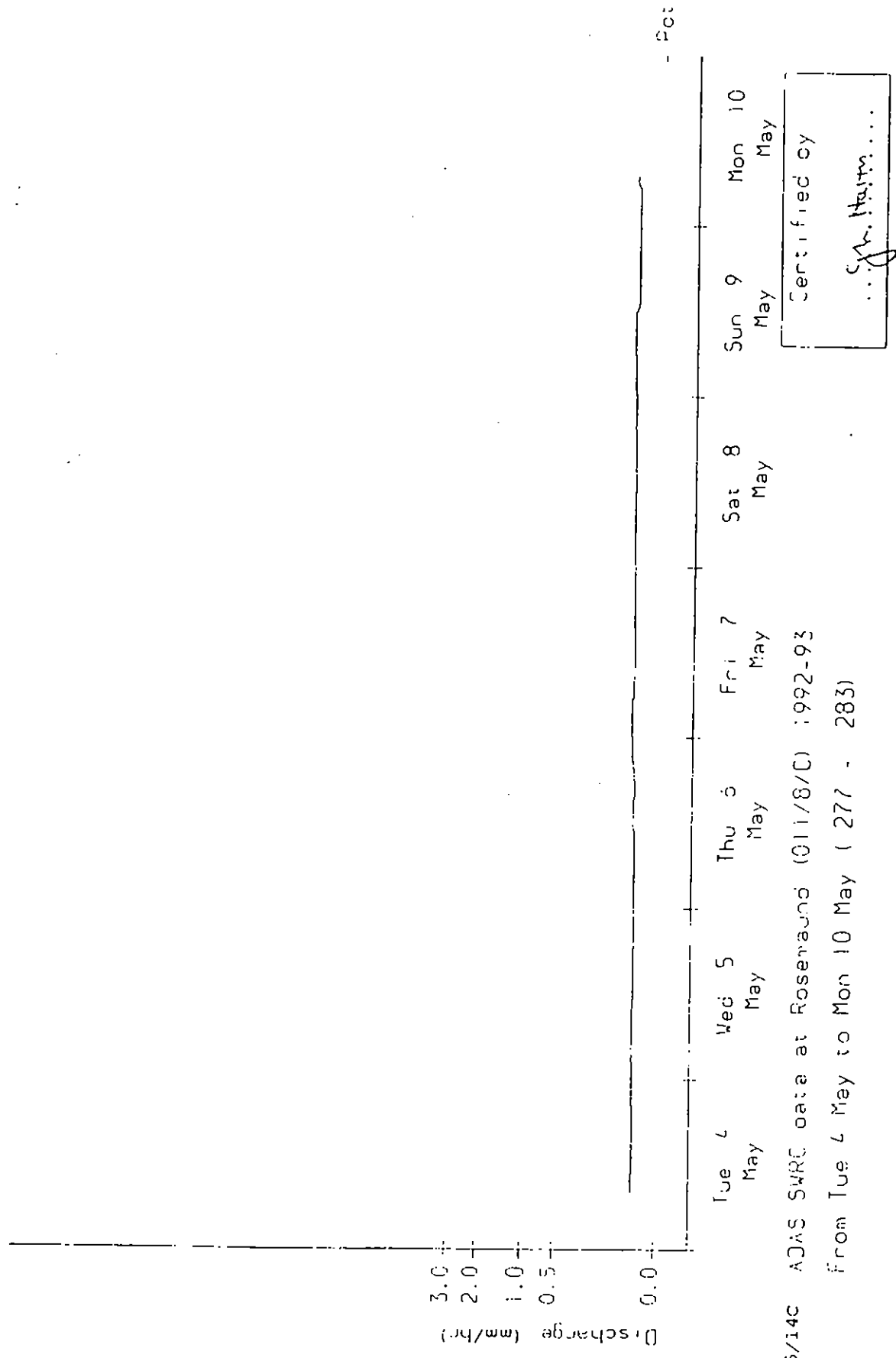


Fig A6/14C ADAS SWRC data at Roseraund (011/8/0) : 1992-93
 From Tue 4 May to Mon 10 May (277 - 283)

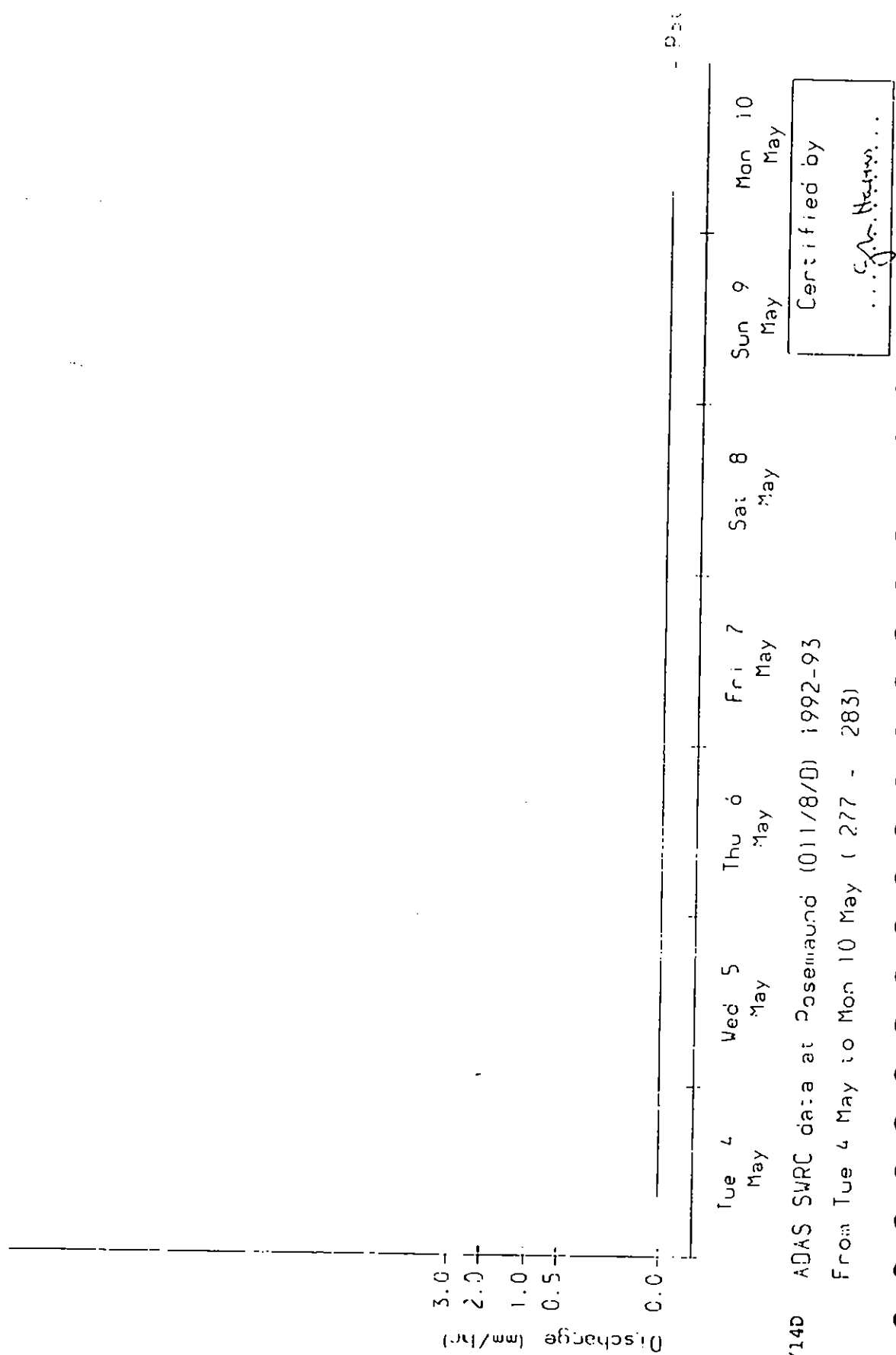


Fig A6/14D ADAS SWRC data at Possemaund (011/8/D) 1992-93
From Tue 4 May to Mon 10 May (277 - 283)

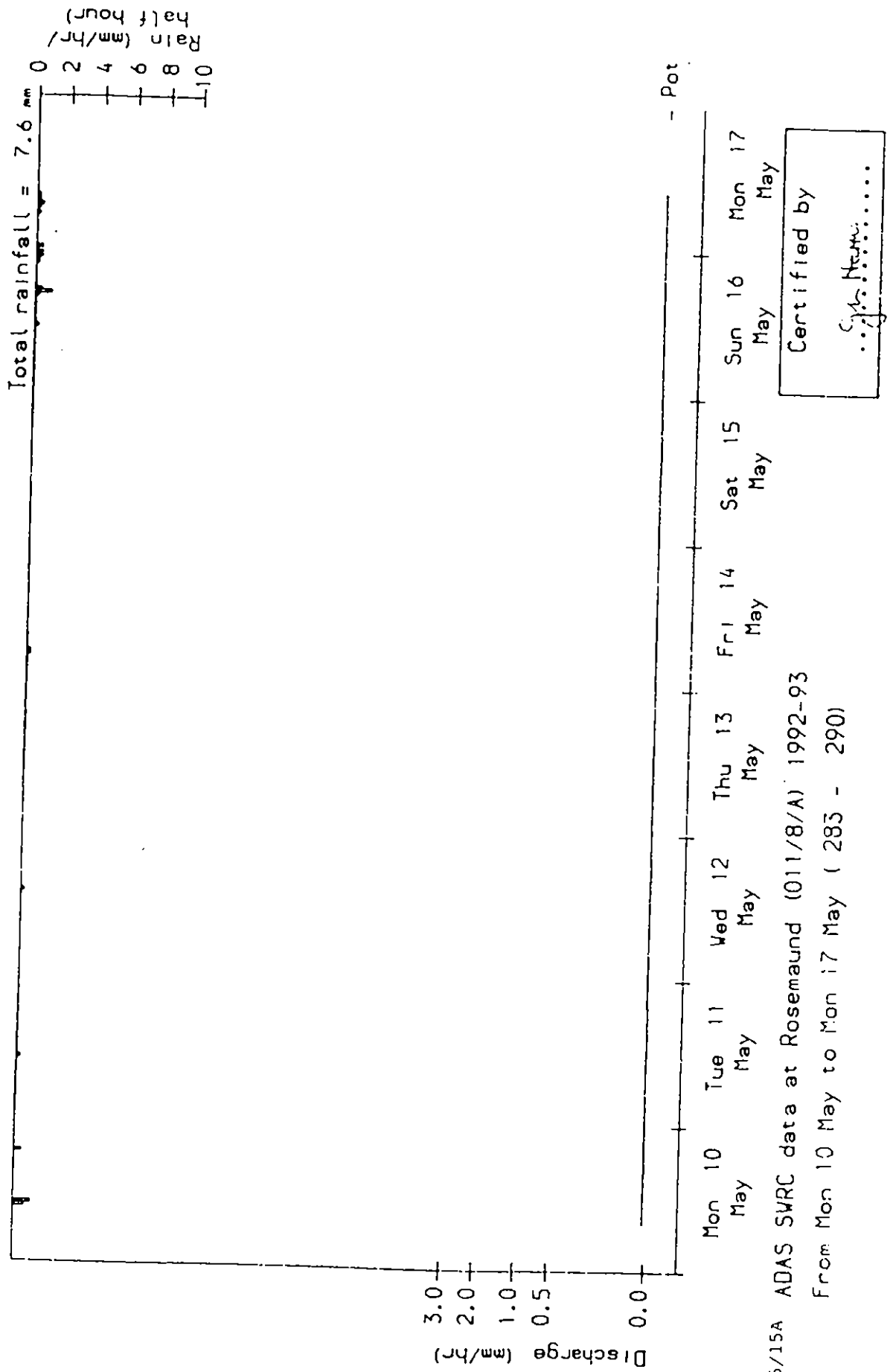


Fig A6/15A ADAS SWRC data at Rosemaund (011/8/A) 1992-93
 From Mon 10 May to Mon 17 May (283 - 290)

Certified by
[Signature]



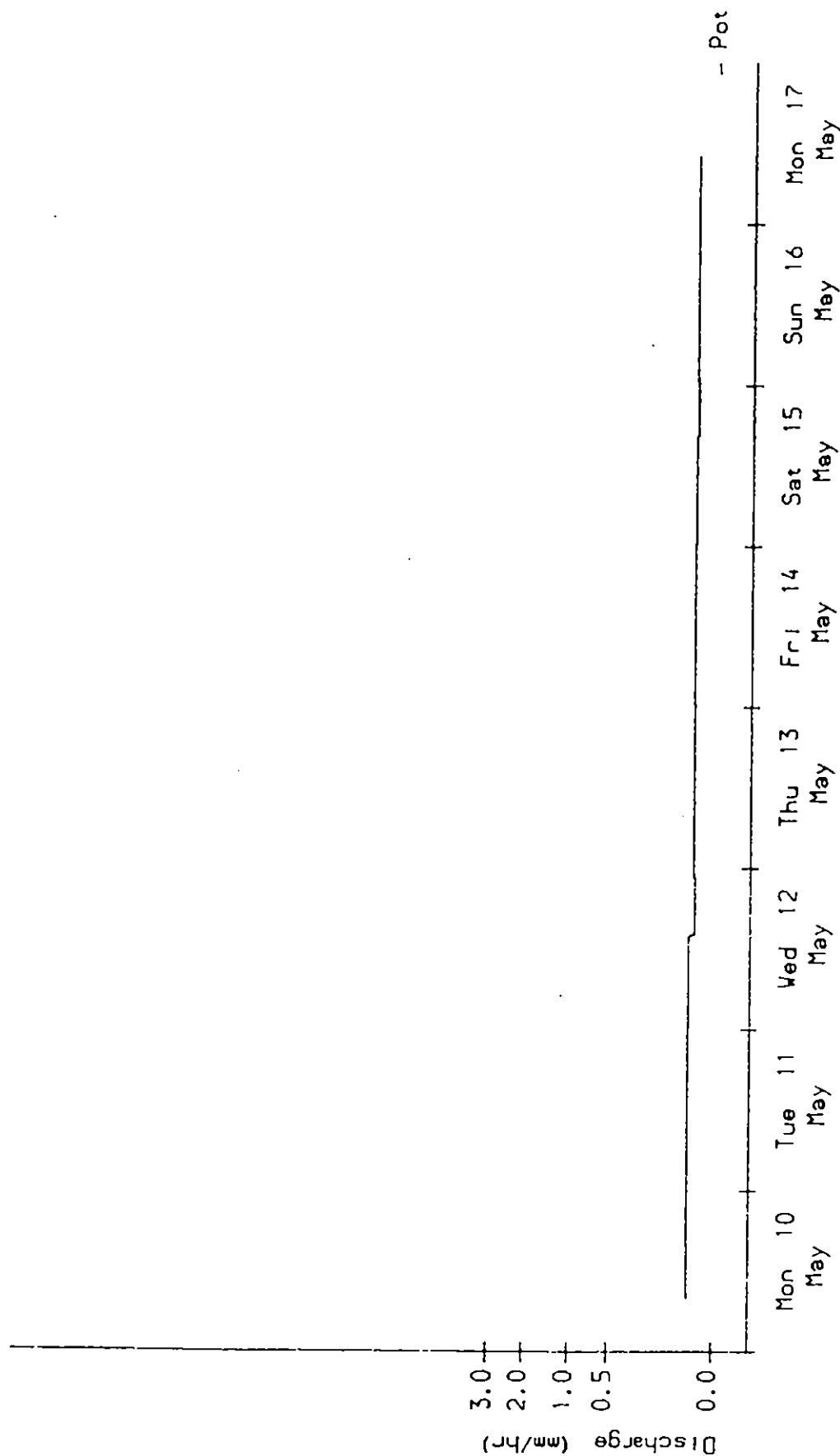


Fig A6/15B ADAS SWRC data at Rosemaund (011/8/B) 1992-93
From Mon 10 May to Mon 17 May (283 - 290)

Certified by
...*[Signature]*...

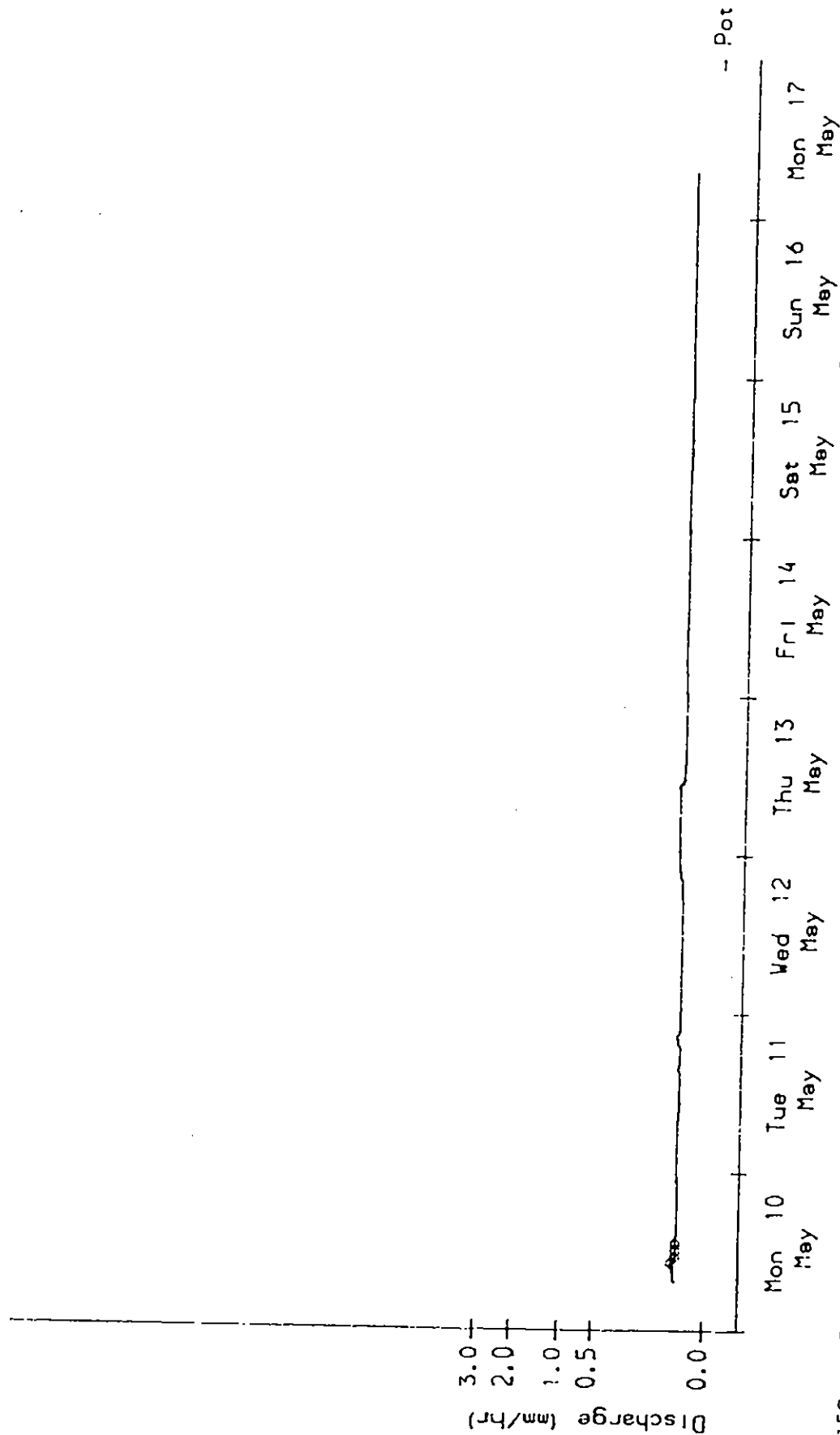


Fig A6/15C ADAS SWRC data at Rosemaund (011/8/C) 1992-93
From Mon 10 May to Mon 17 May (283 - 290)

Certified by

...

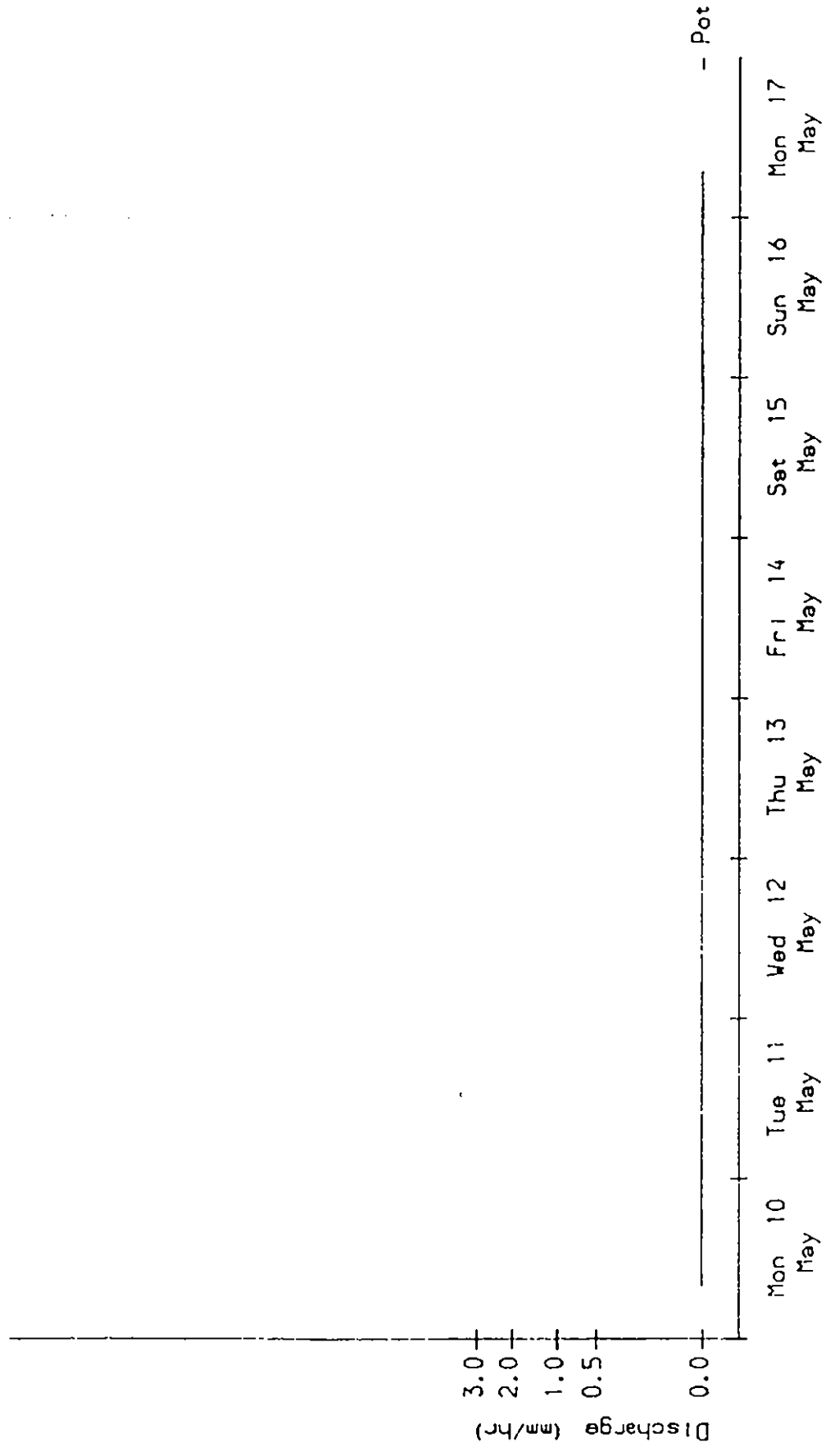


Fig A6/15D ADAS SURC data at Rosemaund (011/8/D) 1992-93
 From Mon 10 May to Mon 17 May (283 - 290)

Certified by
[Signature]
 ...

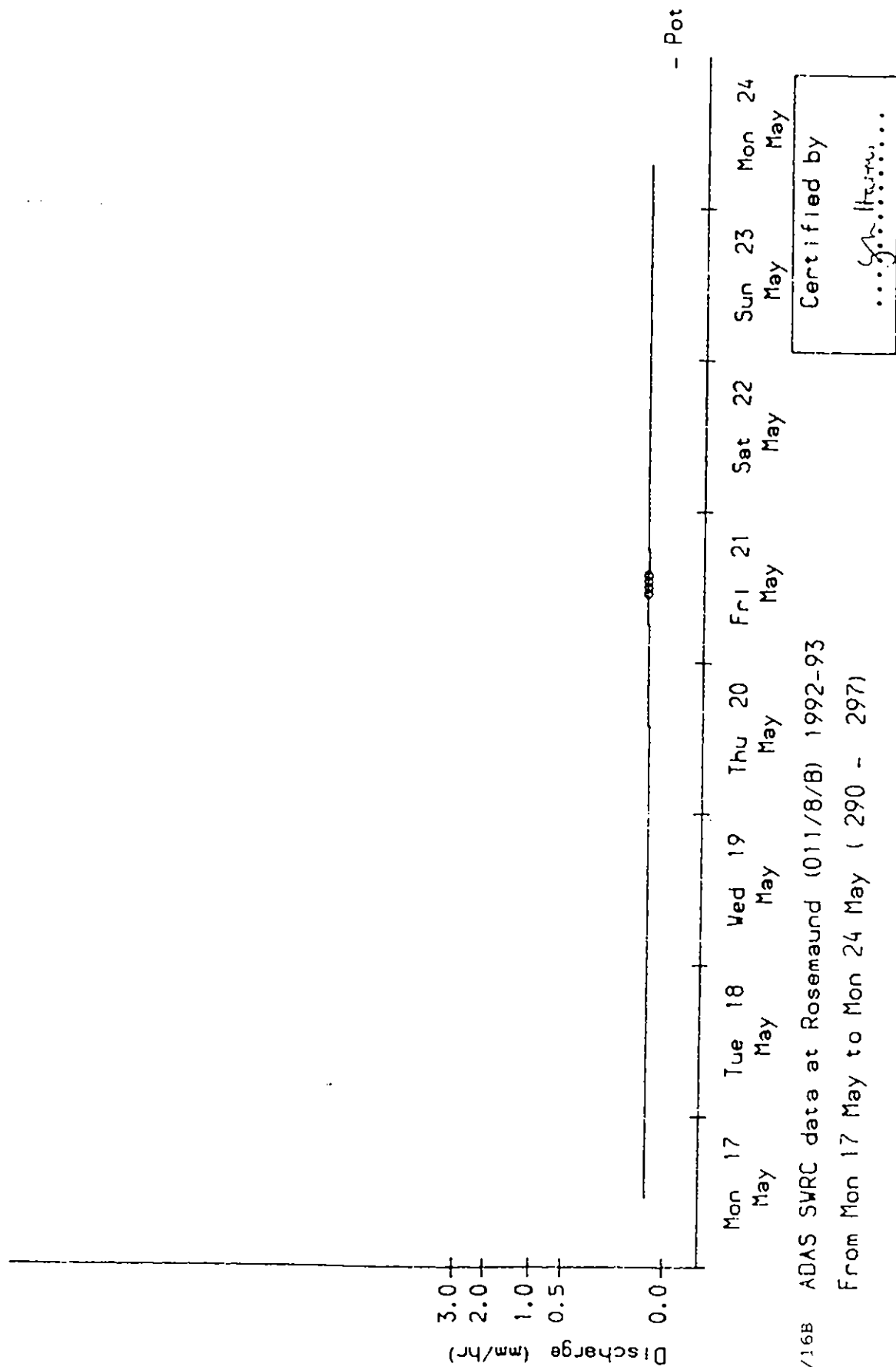


Fig A6/16B ADAS SWRC data at Rosemaund (011/8/B) 1992-93

From Mon 17 May to Mon 24 May (290 - 297)

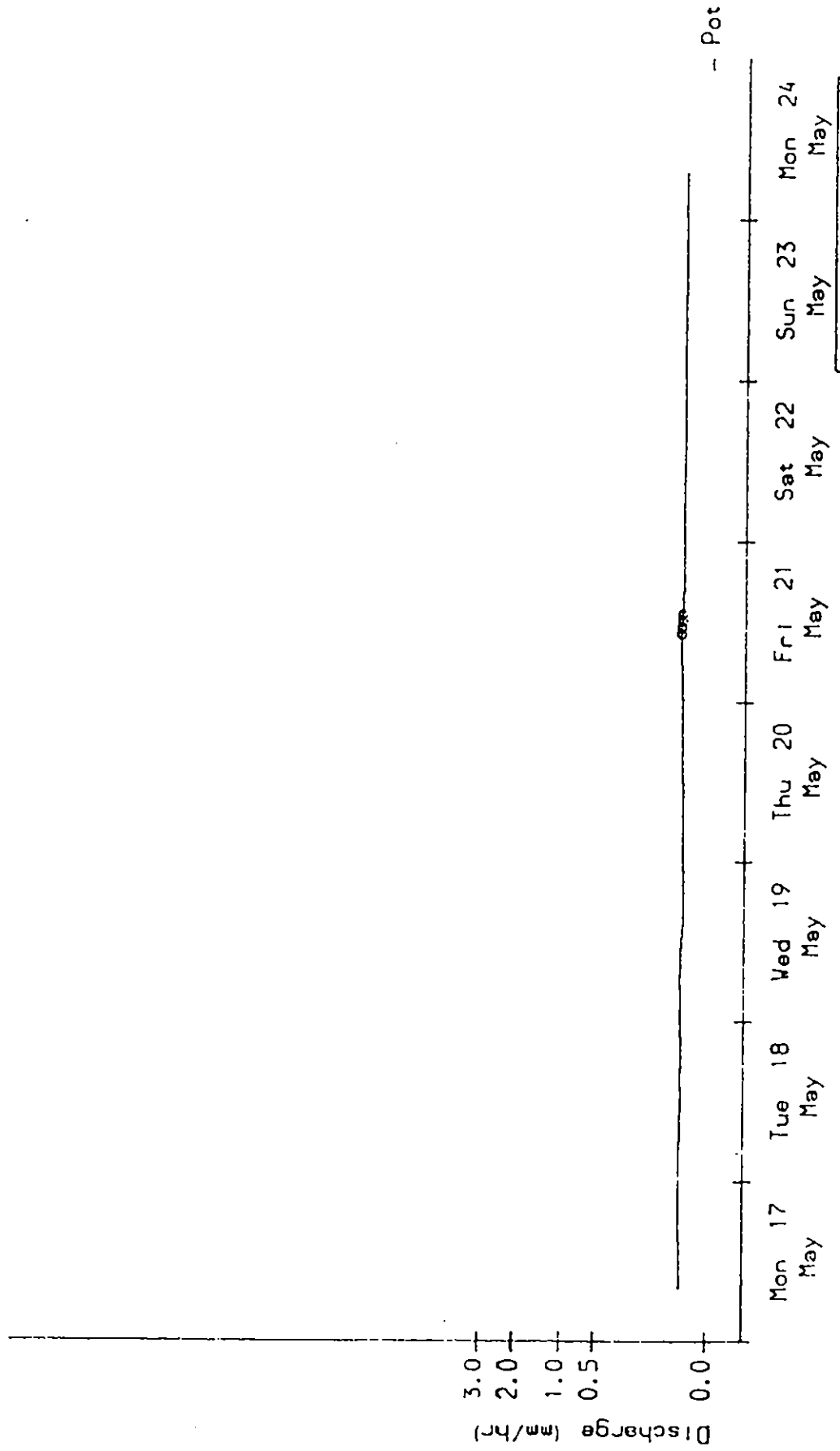


Fig A6/16C ADAS SWRC data at Rosemaund (011/8/C) 1992-93

From Mon 17 May to Mon 24 May (290 - 297)

Certified by
[Signature]
 ...
 May

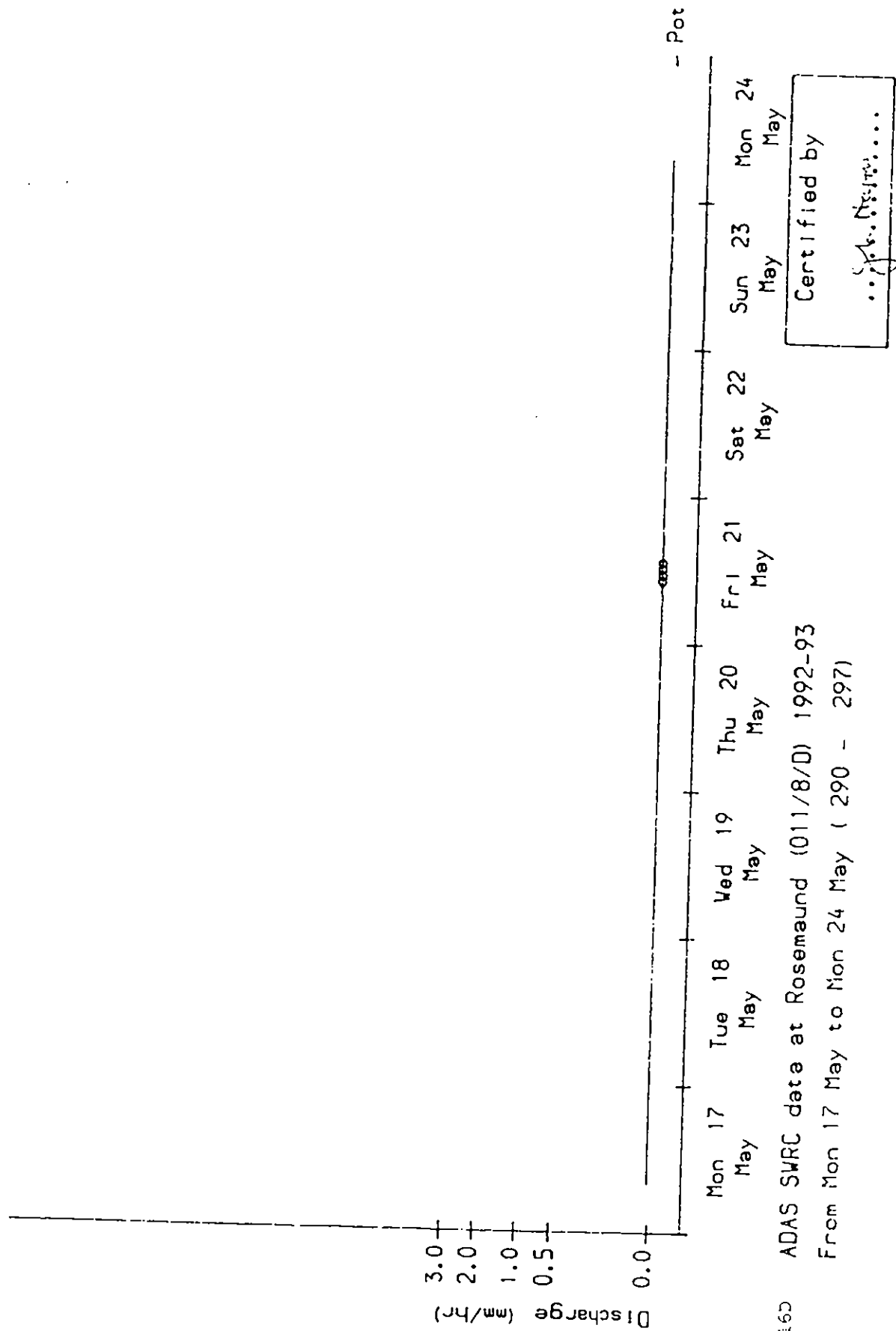


Fig A6/i6D ADAS SWRC data at Rosemaund (011/8/D) 1992-93
From Mon 17 May to Mon 24 May (290 - 297)

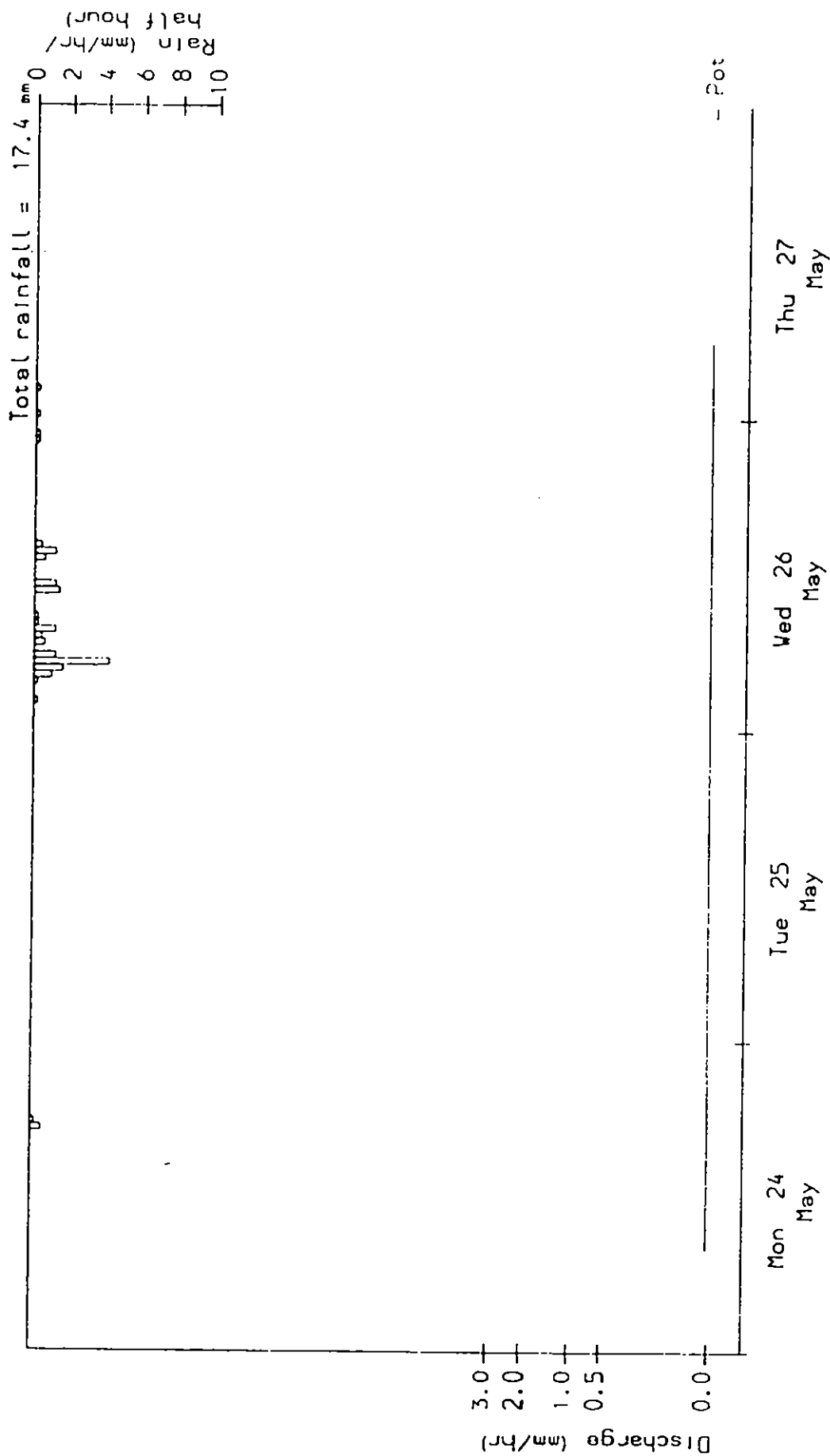


Fig A6/17A ADAS SWRC data at Rosemaund (011/8/A) 1992-93
From Mon 24 May to Thu 27 May (297 - 300)

Certified by
...
...

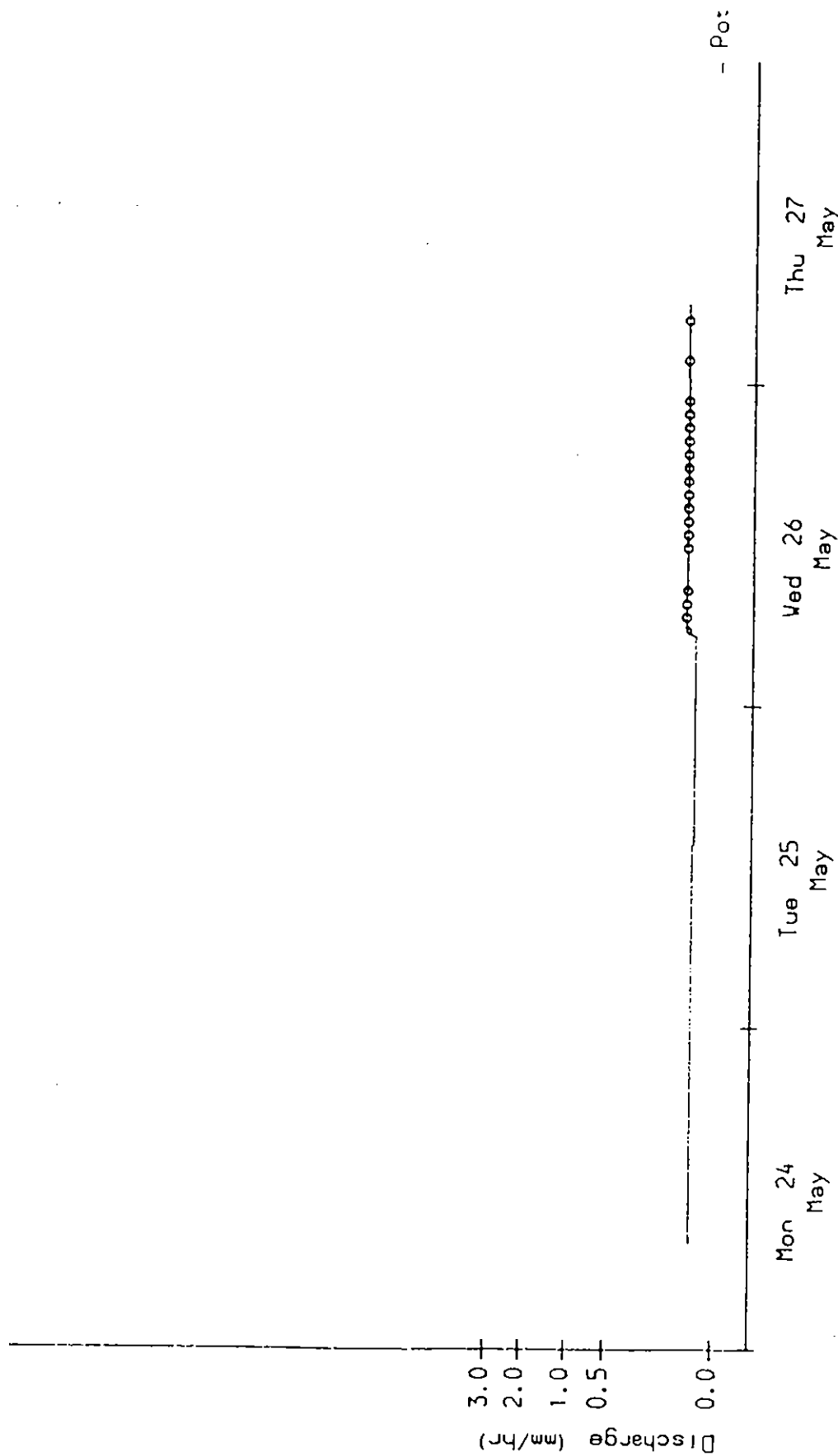


Fig A6/17B ADAS SWRC data at Rosemaund (011/8/B) 1992-93
From Mon 24 May to Thu 27 May (297 - 300)

Certified by
...*[Signature]*...

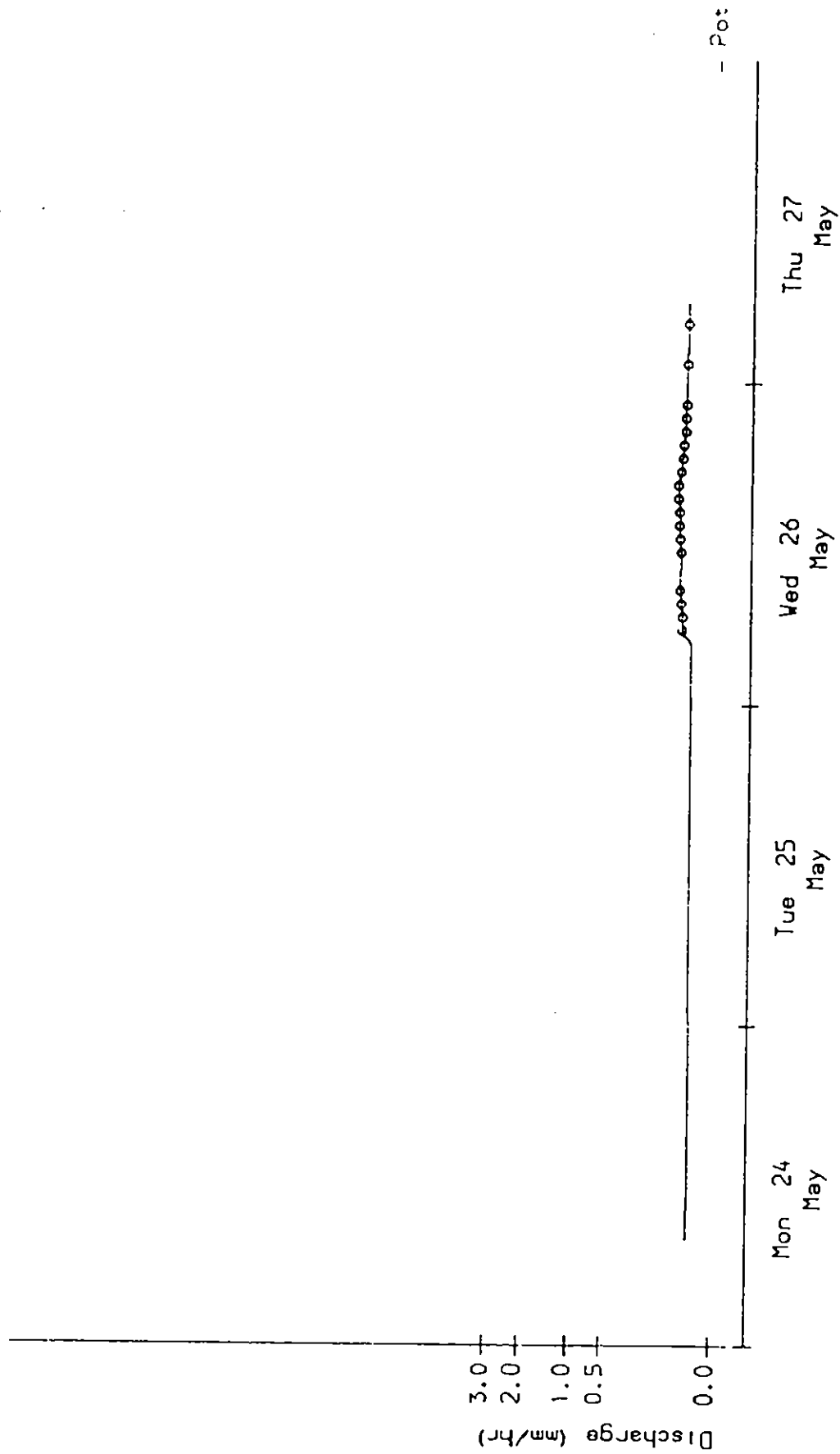


Fig A6/17C ADAS SWRC data at Rosemaund (011/8/C) 1992-93
From Mon 24 May to Thu 27 May (297 - 300)

Certified by
...*[Signature]*...

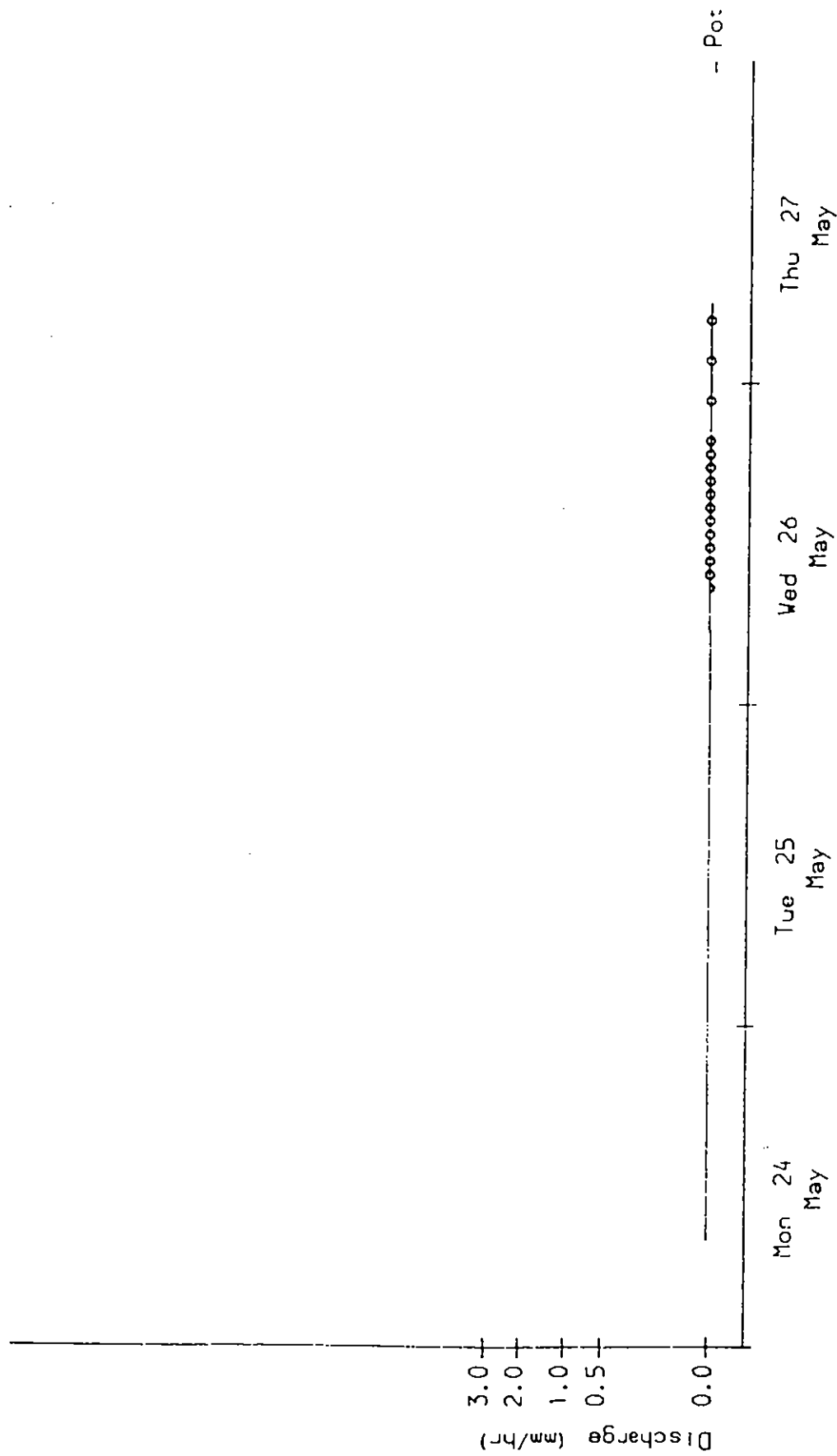


Fig A6/17D ADAS SWRC data at Rosemaund (011/8/D) 1992-93
From Mon 24 May to Thu 27 May (297 - 300)

Certified by
...*[Signature]*...

**APPENDIX 7 - Hazleton UK - Invalid background water samples
and replacement sample analyses results**

Hazleton UK

During checking procedures two sample containers were found to have the same sample number, 93/621/1442. By a process of elimination it was concluded that the bottle for sample 93/621/42 had been incorrectly labelled.

The events on the day of analysis were as follows:

The samples had all been stored frozen and the bottle had broken in the freezer.

The broken bottles were put in 1 L plastic pots (wide necked with the neck cut off) and allowed to thaw (This was done in numerical order starting with sample 93/261/41). When the sample was thawed, the liquid was poured into a measuring cylinder. 500 mL was added to a separating funnel and the rest poured into a 1 L plastic bottle, which was then labelled.

Investigations and examination of results indicated that a labelling error may have occurred prior to the thawing stage indicated above. The bottle labels were attached to the neck of the bottles which had broken off. During the procedure described above sample numbers were transferred to new containers.

Original samples 93/621/42 and 93/621/43 should have been from pre-treatment sampling but contained relatively high concentrations of triasulfuron. Investigations at the field site indicated that contamination of these samples with the test article was not possible - the test article formulations did not arrive at the test site until after the samples were received at HUK.

When considering the information described above together with the results from samples 93/621/42 and 93/621/43, and 93/621/1442 and 93/621/1443, it appears that sample labelling may have been switched in error. This error occurring because of the similarity of the identifying numbers. When considering the implications and the reason for the error, the Study Director (Hazleton UK) in consultation with the Sponsor decided that results from eight samples (those ending in 41, 42, 43, 44 and 1441, 1442, 1443, 1444) run in the same batch should be considered invalid.

HUK sample number	ADAS identification	Concentration triasulfuron found ($\mu\text{g/L}$)
93/621/41	011/8/A/1/1530	<0.01
93/621/44	011/8/B/1/1610	0.04
93/621/42	011/8/C/1/1545	0.49
93/621/43	011/8/D/1/1600	1.03
93/621/1444	011/8/A/57/0705	<0.01
93/621/1441	011/8/B/55/0910	1.77
93/621/1442	011/8/C/55/0900	<0.01
93/621/1443	011/8/D/55/0925	0.01

Table A7/1 Analytical results - Pre - application

HUK sample number	ADAS identification	Sample frozen F (hr)	Concentration triasulfuron (µg/L)
Pre treatments - Supplied by Birmingham University 25.10.92			
93/621/2614	011/8/C/OCT/0127		<0.01
93/621/2615	011/8/C/OCT/0227		<0.01
93/621/2616	011/8/C/OCT/0427		<0.01
93/621/2617	011/8/C/OCT/0627		<0.01
93/621/2618	011/8/C/OCT/0727		<0.01
93/621/2619	011/8/C/OCT/0827		<0.01
93/621/2620	011/8/C/OCT/0927		<0.01
93/621/2621	011/8/C/OCT/1227		<0.01
Bulked background samples	X1,X3,X5=Nov-Dec 1992 X2,X4,X6= Jan 1993		
93/621/2733	011/8/A/X1	F	<0.01
93/621/2734	011/8/A/X2	F	<0.01
93/621/2735	011/8/C/X3	F	<0.01
93/621/2736	011/8/C/X4	F	<0.01
93/621/2737	011/8/D/X5	F	<0.01
93/621/2738	011/8/D/X6	F	<0.01

**APPENDIX 8 - Detailed test chemical analysis
Hazleton UK**

Table A8/1 Analytical results - Post application 011/8/A (Moorfield)

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron (µg/L)	Re-analysis Concentration triasulfuron (µg/L)
93/621/1445	011/8/A/57/0805	0705 7/4/93	2		0.02	
93/621/1446	011/8/A/57/0905	0805 7/4/93	2		0.01	
93/621/1447	011/8/A/57/1005	0905 7/4/93	2		0.06	
93/621/1606	011/8/A/59/0825	0725 9/4/93	3		<0.01	
93/621/1609	011/8/A/59/0925	0825 9/4/93	3	F (96)	<0.01	
93/621/1607	011/8/A/59/1025	0925 9/4/93	3	F (96)	<0.01	
93/621/1608	011/8/A/59/1125	1025 9/4/93	3	F (96)	<0.01	
93/621/1610	011/8/A/59/1225	1125 9/4/93	3	F (96)	<0.01	
93/621/1611	011/8/A/59/1325	1225 9/4/93	3	F (96)	<0.01	
93/621/1612	011/8/A/59/1425	1325 9/4/93	3	F (96)	<0.01	
93/621/1613	011/8/A/59/1525	1425 9/4/93	3	F (96)	<0.01	
93/621/1614	011/8/A/59/1625	1525 9/4/93	3	F (96)	<0.01	
93/621/1615	011/8/A/59/1725	1625 9/4/93	3	F(96)	<0.01	<0.01
93/621/1616	011/8/A/59/1825	1725 9/4/93	3	F (96)	<0.01	
93/621/1617	011/8/A/59/1925	1825 9/4/93	3	F (96)	<0.01	
93/621/1618	011/8/A/59/2225	2125 9/4/93	3	F (96)	<0.01	
93/621/1619	011/8/A/60/0125	0025 10/4/93	3	F (96)	<0.01	
93/621/1620	011/8/A/60/0425	0325 10/4/93	3	F (96)	<0.01	<0.01
93/621/1621	011/8/A/60/0825	0725 10/4/93	3	F (96)	Bottle broke in freezer	
93/621/1598	011/8/A/61/1655	1555 11/4/93	4		<0.01	
93/621/1599	011/8/A/61/1755	1655 11/4/93	4		<0.01	
93/621/1600	011/8/A/61/1855	1755 11/4/93	4		<0.01	
93/621/1601	011/8/A/61/1955	1855 11/4/93	4		<0.01	
93/621/1602	011/8/A/62/1605	1505 12/4/93	4		<0.01	
93/621/1603	011/8/A/62/1705	1605 12/4/93	4		<0.01	
93/621/1604	011/8/A/62/1805	1705 12/4/93	4		<0.01	
93/621/1605	011/8/A/62/1905	1805 12/4/93	4		<0.01	

Table A8/2 Analytical results - Post application 011/8/B (Longlands)

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron (µg/L)	Re-analysis Concentration triasulfuron (µg/L)
93/621/1448	011/8/B/57/0755	0655 7/4/93	2		1.98	
93/621/1449	011/8/B/57/0855	0755 7/4/93	2		1.60	1.16
93/621/1450	011/8/B/57/0955	0855 7/4/93	2		1.52	
93/621/1622	011/8/B/59/0825	0725 9/4/93	3	F (96)	5.02	
93/621/1623	011/8/B/59/0925	0825 9/4/93	3	F (96)	4.00	
93/621/1624	011/8/B/59/1025	0925 9/4/93	3	F (96)	2.76	
93/621/1625	011/8/B/59/1125	1025 9/4/93	3	F (96)	2.10	
93/621/1626	011/8/B/59/1225	1125 9/4/93	3	F (96)	2.16	
93/621/1627	011/8/B/59/1325	1225 9/4/93	3	F (96)	1.56	
93/621/1628	011/8/B/59/1425	1325 9/4/93	3	F (96)	1.97	
93/621/1629	011/8/B/59/1525	1425 9/4/93	3	F (96)	2.03	
93/621/1630	011/8/B/59/1625	1525 9/4/93	3	F (96)	1.66	
93/621/1631	011/8/B/59/1725	1625 9/4/93	3	F (96)	1.23	
93/621/1632	011/8/B/59/1825	1725 9/4/93	3	F (96)	1.32	
93/621/1633	011/8/B/59/1925	1825 9/4/93	3	F (96)	1.32	0.72
93/621/1634	011/8/B/59/2225	2125 9/4/93	3	F (96)	1.22	
93/621/1635	011/8/B/60/0125	0025 10/4/93	3	F (96)	1.10	
93/621/1636	011/8/B/60/0425	0325 10/4/93	3	F (96)	0.88	
93/621/1637	011/8/B/60/0825	0725 10/4/93	3	F (96)	0.90	
93/621/2483	011/8/B/100/1030	0930 20/5/93	B/g		0.14	
93/621/2560	011/8/B/101/1150	1050 21/5/93	6	F (96)	0.49	
93/621/2561	011/8/B/101/1250	1150 21/5/93	6	F (96)	0.39	
93/621/2562	011/8/B/101/1350	1250 21/5/93	6	F (96)	0.46	
93/621/2563	011/8/B/101/1450	1350 21/5/93	6	F (96)	0.46	
93/621/2580	011/8/B/107/0635	0550 27/5/93	7		0.31	
93/621/2581	011/8/B/107/0735	0650 27/5/93	7		0.37	
93/621/2582	011/8/B/107/0835	0750 27/5/93	7		0.36	
93/621/2583	011/8/B/107/0935	0850 27/5/93	7		0.37	
93/621/2584	011/8/B/107/1245	1145 27/5/93	7		0.22	
93/621/2585	011/8/B/107/1545	1445 27/5/93	7		0.37	
93/621/2586	011/8/B/107/1845	1745 27/5/93	7		0.35	
93/621/2587	011/8/B/107/2045	1945 27/5/93	7		0.27	
93/621/2588	011/8/B/108/0245	0145 28/5/93	7		0.26	
93/621/2589	011/8/B/108/0845	0745 28/5/93	7		0.21	

Table A8/3 Analytical results - Post application 011/8/C (Jubilee)

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron ($\mu\text{g/L}$)	Re-analysis Concentration triasulfuron ($\mu\text{g/L}$)
93/621/1378	011/8/C/50/1615	1515 31/3/93	1		0.04	
93/621/1451	011/8/C/57/0450	0350 7/4/93	2		0.009	
93/621/1452	011/8/C/57/0550	0450 7/4/93	2		0.62	
93/621/1453	011/8/C/57/0650	0550 7/4/93	2		1.86	
93/621/1454	011/8/C/57/0750	0650 7/4/93	2		0.66	
93/621/1455	011/8/C/57/0850	0750 7/4/93	2		Bottle broken	
93/621/1456	011/8/C/57/0950	0850 7/4/93	2		Bottle broken	
93/621/1457	011/8/C/57/1050	0950 7/4/93	2		0.69	
93/621/1458	011/8/C/57/1150	1050 7/4/93	2		0.80	0.61
93/621/1459	011/8/C/57/1250	1150 7/4/93	2		0.53	
93/621/1460	011/8/C/57/1350	1250 7/4/93	2		0.43	
93/621/1638	011/8/C/59/0755	0655 9/4/93	3	F (96)	1.83	
93/621/1639	011/8/C/59/0855	0755 9/4/93	3	F (96)	1.57	
93/621/1640	011/8/C/59/0955	0855 9/4/93	3	F (96)	1.00	
93/621/1641	011/8/C/59/1055	0955 9/4/93	3	F (96)	0.70	
93/621/1642	011/8/C/59/1155	1055 9/4/93	3	F (96)	0.37	0.39
93/621/1643	011/8/C/59/1255	1155 9/4/93	3	F (96)	0.39	
93/621/1644	011/8/C/59/1355	1255 9/4/93	3	F (96)	0.31	
93/621/1645	011/8/C/59/1455	1355 9/4/93	3	F (96)	0.27	
93/621/1646	011/8/C/59/1555	1455 9/4/93	3	F (96)	0.22	
93/621/1647	011/8/C/59/1655	1555 9/4/93	3	F (96)	0.24	
93/621/1648	011/8/C/59/1755	1655 9/4/93	3	F (96)	0.23	0.22
93/621/1649	011/8/C/59/1855	1755 9/4/93	3	F (96)	0.17	
93/621/1650	011/8/C/59/2155	2055 9/4/93	3	F (96)	0.18	
93/621/1651	011/8/C/60/0055	2355 9/4/93	3	F (96)	0.11	
93/621/1652	011/8/C/60/0355	0255 10/4/93	3	F (96)	0.11	
93/621/1653	011/8/C/60/0755	0655 10/4/93	3	F (96)	0.08	
93/621/1670	011/8/C/61/1815	1715 11/4/93	4	F (96)	0.59	
93/621/1671	011/8/C/61/1915	1815 11/4/93	4	F (96)	0.60	0.50
93/621/1672	011/8/C/61/2015	1915 11/4/93	4	F (96)	0.39	
93/621/1673	011/8/C/61/2115	2015 11/4/93	4	F (96)	0.28	
93/621/2322	011/8/C/90/1110	1010 10/5/93	5	F (96)		<0.01
93/621/2485	011/8/C/100/1015	0915 20/5/93	B/g		Bottle broken	

Table A8/3 Analytical results - Post application 011/8/C (Jubilee) Cont.

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron (µg/L)	Re-analysis Concentration triasulfuron (µg/L)
93/621/2564,2565	011/8/C/101/1105	1005 21/5/93	6	F (96)	0.01	
93/621/2566,2567	011/8/C/101/1205	1105 21/5/93	6	F (96)	<0.01	
93/621/2568	011/8/C/101/1305	1205 21/5/93	6	F (96)	<0.01	
93/621/2570,2571	011/8/C/101/1405	1305 21/5/93	6	F (96)	<0.01	
93/621/2590	011/8/C/107/0635	0535 27/5/93	7		<0.01	
93/621/2591	011/8/C/107/0735	0635 27/5/93	7		0.07	
93/621/2592	011/8/C/107/0835	0735 27/5/93	7		0.06	
93/621/2593	011/8/C/107/0935	0835 27/5/93	7		0.13	
93/621/2594	011/8/C/107/1225	1125 27/5/93	7		0.08	
93/621/2595	011/8/C/107/1325	1225 27/5/93	7		0.10	
93/621/2596	011/8/C/107/1425	1325 27/5/93	7		0.06	
93/621/2597	011/8/C/107/1525	1425 27/5/93	7		0.07	
93/621/2598	011/8/C/107/1625	1525 27/5/93	7		0.11	
93/621/2599	011/8/C/107/1725	1625 27/5/93	7		0.10	
93/621/2600	011/8/C/107/1825	1725 27/5/93	7		0.07	
93/621/2601	011/8/C/107/1925	1825 27/5/93	7		0.12	
93/621/2602	011/8/C/107/2025	1925 27/5/93	7		0.10	
93/621/2603	011/8/C/107/2125	2025 27/5/93	7		0.05	
93/621/2604	011/8/C/108/0225	0125 28/5/93	7		0.03	
93/621/2605	011/8/C/108/0825	0725 28/5/93	7		0.11	

Table A8/4 Analytical results - Post application 011/8/D (Foxbridge)

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron (µg/L)	Re-analysis Concentration triasulfuron (µg/L)
93/621/1461	011/8/D/57/0620	0520 7/4/93	2		2.67	
93/621/1462	011/8/D/57/0720	0620 7/4/93	2		1.41	
93/621/1463	011/8/D/57/0820	0720 7/4/93	2		1.44	
93/621/1464	011/8/D/57/0920	0820 7/4/93	2		1.47	
93/621/1654	011/8/D/59/0705	0605 9/4/93	3	F (96)	1.96	
93/621/1655	011/8/D/59/0805	0705 9/4/93	3	F (96)	1.57	
93/621/1656	011/8/D/59/0905	0805 9/4/93	3	F (96)	1.18	0.90
93/621/1657	011/8/D/59/1005	0905 9/4/93	3	F (96)	0.89	
93/621/1658	011/8/D/59/1105	1005 9/4/93	3	F (96)	0.62	
93/621/1659	011/8/D/59/1205	1105 9/4/93	3	F (96)	0.73	
93/621/1660	011/8/D/59/1305	1205 9/4/93	3	F (96)	0.71	
93/621/1661	011/8/D/59/1405	1305 9/4/93	3	F (96)	0.48	
93/621/1662	011/8/D/59/1505	1405 9/4/93	3	F (96)	0.40	
93/621/1663	011/8/D/59/1605	1505 9/4/93	3	F (96)	0.36	
93/621/1664	011/8/D/59/1705	1605 9/4/93	3	F (96)	0.31	
93/621/1665	011/8/D/59/1805	1705 9/4/93	3	F (96)	0.37	
93/621/1666	011/8/D/59/2105	2005 9/4/93	3	F (96)	0.30	
93/621/1667	011/8/D/60/0005	2305 9/4/93	3	F (96)	0.24	
93/621/1668	011/8/D/60/0305	0205 10/4/93	3	F (96)	0.21	
93/621/1669	011/8/D/60/0705	0605 10/4/93	3	F (96)	0.14	0.10
93/621/1674	011/8/D/61/1755	1655 11/4/93	4		1.04	
93/621/1675	011/8/D/61/1855	1755 11/4/93	4		Insufficient sample	
93/621/1676	011/8/D/61/1955	1855 11/4/93	4		0.61	
93/621/1677	011/8/D/61/2055	1955 11/4/93	4		0.49	
93/621/2484	011/8/D/100/1020	0920 20/5/93	B/g		0.01	
93/621/2572,2573	011/8/D/101/1110	1010 21/5/93	6	F (96)	0.05	
93/621/2574,2575	011/8/D/101/1210	1110 21/5/93	6	F (96)	0.07	
93/621/2576/2577	011/8/D/101/1310	1210 21/5/93	6	F (96)	0.07	
93/621/2578,2579	011/8/D/101/1410	1310 21/5/93	6	F (96)	Bottles broken	
93/621/2606	011/8/D/107/0940	0840 27/5/93	7		0.07	

Table A8/4 Analytical results - Post application 011/8/D (Foxbridge) Cont.

HUK sample number	ADAS identification	Date / Time (GMT)	Rainfall event (N)	Sample frozen F (hr)	Concentration triasulfuron (µg/L)	Re-analysis Concentration triasulfuron (µg/L)
93/621/2607	011/8/D/107/1040	0940 27/5/93	7		0.10	
93/621/2608	011/8/D/107/1140	1040 27/5/93	7		0.16	
93/621/2609	011/8/D/107/1240	1140 27/5/93	7		0.11	
93/621/2610	011/8/D/107/1540	1440 27/5/93	7		0.08	
93/621/2611	011/8/D/107/1840	1740 27/5/93	7		0.11	
93/621/2612	011/8/D/108/0240	0140 28/5/93	7		0.07	
93/621/2613	011/8/D/108/0840	0740 28/5/93	7		0.11	

APPENDIX 9 - Daily test chemical loads

Table A9/1 Chemical loads - 011/8/A (Moorfield)

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
1/2/93	0.0	0.240	0.0000	0.0000
2/2/93	0.0	0.218	0.0000	0.0000
3/2/93	0.0	0.239	0.0000	0.0000
4/2/93	0.0	0.193	0.0000	0.0000
5/2/93	0.0	0.192	0.0000	0.0000
6/2/93	0.0	0.192	0.0000	0.0000
7/2/93	0.0	0.192	0.0000	0.0000
8/2/93	0.0	0.171	0.0000	0.0000
9/2/93	0.2	0.144	0.0000	0.0000
10/2/93	0.0	0.144	0.0000	0.0000
11/2/93	0.0	0.144	0.0000	0.0000
12/2/93	0.0	0.144	0.0000	0.0000
13/2/93	0.2	0.144	0.0000	0.0000
14/2/93	0.0	0.144	0.0000	0.0000
15/2/93	1.0	0.144	0.0000	0.0000
16/2/93	0.0	0.195	0.0000	0.0000
17/2/93	0.0	0.279	0.0000	0.0000
18/2/93	0.0	0.372	0.0000	0.0000
19/2/93	0.0	0.346	0.0000	0.0000
20/2/93	0.0	0.225	0.0000	0.0000
21/2/93	0.0	0.169	0.0000	0.0000
22/2/93	0.2	0.192	0.0000	0.0000
23/2/93	0.0	0.140	0.0000	0.0000
24/2/93	0.0	0.096	0.0000	0.0000
25/2/93	1.0	0.115	0.0000	0.0000
26/2/93	0.2	0.100	0.0000	0.0000
27/2/93	0.0	0.035	0.0000	0.0000
28/2/93	0.0	0.079	0.0000	0.0000
1/3/93	0.4	0.145	0.0000	0.0000
2/3/93	0.2	0.265	0.0000	0.0000
3/3/93	0.0	0.057	0.0000	0.0000
4/3/93	0.0	0.100	0.0000	0.0000
5/3/93	0.0	0.000	0.0000	0.0000
6/3/93	0.0	0.000	0.0000	0.0000
7/3/93	0.0	0.010	0.0000	0.0000
8/3/93	0.0	0.048	0.0000	0.0000
9/3/93	0.0	0.048	0.0000	0.0000
10/3/93	0.2	0.007	0.0000	0.0000
11/3/93	0.0	0.000	0.0000	0.0000
12/3/93	0.0	0.000	0.0000	0.0000
13/3/93	0.0	0.000	0.0000	0.0000
14/3/93	0.0	0.000	0.0000	0.0000
15/3/93	0.0	0.000	0.0000	0.0000
16/3/93	0.4	0.000	0.0000	0.0000
17/3/93	0.0	0.000	0.0000	0.0000
18/3/93	0.0	0.000	0.0000	0.0000
19/3/93	0.2	0.000	0.0000	0.0000
20/3/93	0.0	0.000	0.0000	0.0000

Table A9/1 Chemical loads - 011/8/A (Moorfield) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
21/3/93	1.4	0.000	0.0000	0.0000
22/3/93	3.4	0.000	0.0000	0.0000
23/3/93	0.0	0.000	0.0000	0.0000
24/3/93	0.2	0.000	0.0000	0.0000
25/3/93	0.0	0.000	0.0000	0.0000
26/3/93	0.0	0.000	0.0000	0.0000
27/3/93	0.0	0.000	0.0000	0.0000
28/3/93	0.0	0.000	0.0000	0.0000
29/3/93	0.0	0.000	0.0000	0.0000
30/3/93	0.6	0.000	0.0000	0.0000
31/3/93	5.0	0.000	0.0000	0.0000
1/4/93	0.0	0.000	0.0000	0.0000
2/4/93	1.6	0.000	0.0000	0.0000
3/4/93	3.0	0.000	0.0000	0.0000
4/4/93	0.0	0.000	0.0000	0.0000
5/4/93	5.4	0.000	0.0000	0.0000
6/4/93	1.6	0.000	0.0000	0.0000
7/4/93	7.8	0.169	0.0001	0.0005
8/4/93	0.6	0.002	0.0000	0.0000
9/4/93	9.2	0.913	0.0000	0.0003
10/4/93	0.8	0.398	0.0000	0.0000
11/4/93	6.6	0.642	0.0000	0.0000
12/4/93	3.2	0.771	0.0000	0.0000
13/4/93	0.0	0.558	0.0000	0.0000
14/4/93	0.0	0.323	0.0000	0.0000
15/4/93	0.0	0.243	0.0000	0.0000
16/4/93	0.0	0.164	0.0000	0.0000
17/4/93	0.0	0.144	0.0000	0.0000
18/4/93	0.0	0.188	0.0000	0.0000
19/4/93	0.0	0.168	0.0000	0.0000
20/4/93	0.0	0.265	0.0000	0.0000
21/4/93	0.0	0.093	0.0000	0.0000
22/4/93	0.0	0.100	0.0000	0.0000
23/4/93	2.2	0.147	0.0000	0.0000
24/4/93	0.4	0.064	0.0000	0.0000
25/4/93	1.4	0.000	0.0000	0.0000
26/4/93	3.6	0.000	0.0000	0.0000
27/4/93	0.0	0.000	0.0000	0.0000
28/4/93	0.0	0.000	0.0000	0.0000
29/4/93	0.0	0.000	0.0000	0.0000
30/4/93	0.0	0.000	0.0000	0.0000
1/5/93	0.0	0.000	0.0000	0.0000
2/5/93	0.0	0.000	0.0000	0.0000
3/5/93	0.0	0.000	0.0000	0.0000
4/5/93	0.0	0.000	0.0000	0.0000
5/5/93	0.0	0.000	0.0000	0.0000
6/5/93	0.0	0.000	0.0000	0.0000
7/5/93	0.0	0.000	0.0000	0.0000

Table A9/1 Chemical loads - 011/8/A (Moorfield) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
8/5/93	0.0	0.000	0.0000	0.0000
9/5/93	0.6	0.000	0.0000	0.0000
10/5/93	2.0	0.000	0.0000	0.0000
11/5/93	0.2	0.000	0.0000	0.0000
12/5/93	0.2	0.000	0.0000	0.0000
13/5/93	0.0	0.000	0.0000	0.0000
14/5/93	0.4	0.000	0.0000	0.0000
15/5/93	0.0	0.000	0.0000	0.0000
16/5/93	3.4	0.000	0.0000	0.0000
17/5/93	5.0	0.000	0.0000	0.0000
18/5/93	1.6	0.000	0.0000	0.0000
19/5/93	1.8	0.000	0.0000	0.0000
20/5/93	7.2	0.000	0.0000	0.0000
21/5/93	2.2	0.000	0.0000	0.0000
22/5/93	2.8	0.000	0.0000	0.0000
23/5/93	1.4	0.000	0.0000	0.0000
24/5/93	1.0	0.000	0.0000	0.0000
25/5/93	0.0	0.000	0.0000	0.0000
26/5/93	16.2	0.000	0.0000	0.0000
27/5/93	0.8	0.000	0.0000	0.0000
28/5/93	0.2	0.000	0.0000	0.0000
29/5/93	4.6	0.000	0.0000	0.0000
30/5/93	1.6	0.000	0.0000	0.0000
31/5/93	0.0	0.000	0.0000	0.0000

Table A9/2 Chemical loads - 011/8/B (Longlands)

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
1/2/93	0.0	0.000	0.0000	0.0000
2/2/93	0.0	0.000	0.0000	0.0000
3/2/93	0.0	0.000	0.0000	0.0000
4/2/93	0.0	0.000	0.0000	0.0000
5/2/93	0.0	0.000	0.0000	0.0000
6/2/93	0.0	0.000	0.0000	0.0000
7/2/93	0.0	0.000	0.0000	0.0000
8/2/93	0.0	0.000	0.0000	0.0000
9/2/93	0.2	0.000	0.0000	0.0000
10/2/93	0.0	0.000	0.0000	0.0000
11/2/93	0.0	0.000	0.0000	0.0000
12/2/93	0.0	0.000	0.0000	0.0000
13/2/93	0.2	0.000	0.0000	0.0000
14/2/93	0.0	0.000	0.0000	0.0000
15/2/93	1.0	0.000	0.0000	0.0000
16/2/93	0.0	0.000	0.0000	0.0000
17/2/93	0.0	0.000	0.0000	0.0000
18/2/93	0.0	0.000	0.0000	0.0000
19/2/93	0.0	0.000	0.0000	0.0000
20/2/93	0.0	0.000	0.0000	0.0000
21/2/93	0.0	0.000	0.0000	0.0000
22/2/93	0.2	0.000	0.0000	0.0000
23/2/93	0.0	0.000	0.0000	0.0000
24/2/93	0.0	0.000	0.0000	0.0000
25/2/93	1.0	0.000	0.0000	0.0000
26/2/93	0.2	0.000	0.0000	0.0000
27/2/93	0.0	0.000	0.0000	0.0000
28/2/93	0.0	0.000	0.0000	0.0000
1/3/93	0.4	0.002	0.0000	0.0000
2/3/93	0.2	0.000	0.0000	0.0000
3/3/93	0.0	0.001	0.0000	0.0000
4/3/93	0.0	0.004	0.0000	0.0000
5/3/93	0.0	0.034	0.0000	0.0000
6/3/93	0.0	0.000	0.0000	0.0000
7/3/93	0.0	0.000	0.0000	0.0000
8/3/93	0.0	0.000	0.0000	0.0000
9/3/93	0.0	0.000	0.0000	0.0000
10/3/93	0.2	0.000	0.0000	0.0000
11/3/93	0.0	0.000	0.0000	0.0000
12/3/93	0.0	0.000	0.0000	0.0000
13/3/93	0.0	0.000	0.0000	0.0000
14/3/93	0.0	0.000	0.0000	0.0000
15/3/93	0.0	0.000	0.0000	0.0000
16/3/93	0.4	0.004	0.0000	0.0000
17/3/93	0.0	0.002	0.0000	0.0000
18/3/93	0.0	0.000	0.0000	0.0000
19/3/93	0.2	0.047	0.0000	0.0000
20/3/93	0.0	0.048	0.0000	0.0000

Table A9/2 Chemical loads - 011/8/B (Longlands) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
21/3/93	1.4	0.048	0.0000	0.0000
22/3/93	3.4	0.048	0.0000	0.0000
23/3/93	0.0	0.048	0.0000	0.0000
24/3/93	0.2	0.048	0.0000	0.0000
25/3/93	0.0	0.048	0.0000	0.0000
26/3/93	0.0	0.001	0.0000	0.0000
27/3/93	0.0	0.000	0.0000	0.0000
28/3/93	0.0	0.000	0.0000	0.0000
29/3/93	0.0	0.000	0.0000	0.0000
30/3/93	0.6	0.000	0.0000	0.0000
31/3/93	5.0	0.000	0.0000	0.0000
1/4/93	0.0	0.000	0.0000	0.0000
2/4/93	1.6	0.000	0.0000	0.0000
3/4/93	3.0	0.012	0.0000	0.0000
4/4/93	0.0	0.001	0.0000	0.0000
5/4/93	5.4	0.004	0.0007	0.0014
6/4/93	1.6	0.096	0.0018	0.0034
7/4/93	7.8	0.166	0.0003	0.0006
8/4/93	0.6	0.096	0.0034	0.0066
9/4/93	9.2	0.508	0.0137	0.0263
10/4/93	0.8	0.261	0.0009	0.0017
11/4/93	6.6	0.401	0.0000	0.0000
12/4/93	3.2	0.462	0.0000	0.0000
13/4/93	0.0	0.179	0.0000	0.0000
14/4/93	0.0	0.144	0.0000	0.0000
15/4/93	0.0	0.144	0.0000	0.0000
16/4/93	0.0	0.144	0.0000	0.0000
17/4/93	0.0	0.144	0.0000	0.0000
18/4/93	0.0	0.144	0.0000	0.0000
19/4/93	0.0	0.144	0.0000	0.0000
20/4/93	0.0	0.144	0.0000	0.0000
21/4/93	0.0	0.144	0.0000	0.0000
22/4/93	0.0	0.144	0.0000	0.0000
23/4/93	2.2	0.144	0.0000	0.0000
24/4/93	0.4	0.144	0.0000	0.0000
25/4/93	1.4	0.144	0.0000	0.0000
26/4/93	3.6	0.109	0.0000	0.0000
27/4/93	0.0	0.096	0.0000	0.0000
28/4/93	0.0	0.096	0.0000	0.0000
29/4/93	0.0	0.096	0.0000	0.0000
30/4/93	0.0	0.096	0.0000	0.0000
1/5/93	0.0	0.096	0.0000	0.0000
2/5/93	0.0	0.096	0.0000	0.0000
3/5/93	0.0	0.096	0.0000	0.0000
4/5/93	0.0	0.096	0.0000	0.0000
5/5/93	0.0	0.096	0.0000	0.0000
6/5/93	0.0	0.096	0.0000	0.0000

Table A9/2 Chemical loads - 011/8/B (Longlands) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
7/5/93	0.0	0.096	0.0000	0.0000
8/5/93	0.0	0.096	0.0000	0.0000
9/5/93	0.6	0.096	0.0000	0.0000
10/5/93	2.0	0.096	0.0000	0.0000
11/5/93	0.2	0.096	0.0000	0.0000
12/5/93	0.2	0.056	0.0000	0.0000
13/5/93	0.0	0.000	0.0000	0.0000
14/5/93	0.4	0.000	0.0000	0.0000
15/5/93	0.0	0.000	0.0000	0.0000
16/5/93	3.4	0.000	0.0000	0.0000
17/5/93	5.0	0.000	0.0000	0.0000
18/5/93	1.6	0.000	0.0000	0.0000
19/5/93	1.8	0.000	0.0000	0.0000
20/5/93	7.2	0.000	0.0000	0.0000
21/5/93	2.2	0.000	0.0000	0.0000
22/5/93	2.8	0.000	0.0000	0.0000
23/5/93	1.4	0.000	0.0000	0.0000
24/5/93	1.0	0.000	0.0000	0.0000
25/5/93	0.0	0.000	0.0000	0.0000
26/5/93	16.2	0.105	0.0000	0.0000
27/5/93	0.8	0.000	0.0000	0.0000
28/5/93	0.2	0.000	0.0000	0.0000
29/5/93	4.6	0.000	0.0000	0.0000
30/5/93	1.6	0.000	0.0000	0.0000
31/5/93	0.0	0.000	0.0000	0.0000

Table A9/3 Chemical loads - 011/8/C (Jubilee)

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
1/2/93	0.0	0.288	0.0000	0.0000
2/2/93	0.0	0.313	0.0000	0.0000
3/2/93	0.0	0.347	0.0000	0.0000
4/2/93	0.0	0.384	0.0000	0.0000
5/2/93	0.0	0.429	0.0000	0.0000
6/2/93	0.0	0.406	0.0000	0.0000
7/2/93	0.0	0.384	0.0000	0.0000
8/2/93	0.0	0.000	0.0000	0.0000
9/2/93	0.2	0.148	0.0000	0.0000
10/2/93	0.0	0.542	0.0000	0.0000
11/2/93	0.0	0.615	0.0000	0.0000
12/2/93	0.0	0.591	0.0000	0.0000
13/2/93	0.2	0.576	0.0000	0.0000
14/2/93	0.0	0.576	0.0000	0.0000
15/2/93	1.0	0.529	0.0000	0.0000
16/2/93	0.0	0.502	0.0000	0.0000
17/2/93	0.0	0.466	0.0000	0.0000
18/2/93	0.0	0.479	0.0000	0.0000
19/2/93	0.0	0.378	0.0000	0.0000
20/2/93	0.0	0.322	0.0000	0.0000
21/2/93	0.0	0.309	0.0000	0.0000
22/2/93	0.2	0.288	0.0000	0.0000
23/2/93	0.0	0.275	0.0000	0.0000
24/2/93	0.0	0.288	0.0000	0.0000
25/2/93	1.0	0.303	0.0000	0.0000
26/2/93	0.2	0.321	0.0000	0.0000
27/2/93	0.0	0.256	0.0000	0.0000
28/2/93	0.0	0.240	0.0000	0.0000
1/3/93	0.4	0.288	0.0000	0.0000
2/3/93	0.2	0.298	0.0000	0.0000
3/3/93	0.0	0.260	0.0000	0.0000
4/3/93	0.0	0.240	0.0000	0.0000
5/3/93	0.0	0.308	0.0000	0.0000
6/3/93	0.0	0.384	0.0000	0.0000
7/3/93	0.0	0.394	0.0000	0.0000
8/3/93	0.0	0.432	0.0000	0.0000
9/3/93	0.0	0.477	0.0000	0.0000
10/3/93	0.2	0.325	0.0000	0.0000
11/3/93	0.0	0.240	0.0000	0.0000
12/3/93	0.0	0.240	0.0000	0.0000
13/3/93	0.0	0.240	0.0000	0.0000
14/3/93	0.0	0.214	0.0000	0.0000
15/3/93	0.0	0.192	0.0000	0.0000
16/3/93	0.4	0.192	0.0000	0.0000
17/3/93	0.0	0.192	0.0000	0.0000
18/3/93	0.0	0.195	0.0000	0.0000
19/3/93	0.2	0.207	0.0000	0.0000
20/3/93	0.0	0.201	0.0000	0.0000

Table A9/3 Chemical loads - 011/8/C (Jubilee) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
21/3/93	1.4	0.238	0.0000	0.0000
22/3/93	3.4	0.226	0.0000	0.0000
23/3/93	0.0	0.192	0.0000	0.0000
24/3/93	0.2	0.192	0.0000	0.0000
25/3/93	0.0	0.184	0.0000	0.0000
26/3/93	0.0	0.310	0.0000	0.0000
27/3/93	0.0	0.373	0.0000	0.0000
28/3/93	0.0	0.277	0.0000	0.0000
29/3/93	0.0	0.240	0.0000	0.0000
30/3/93	0.0	0.244	0.0000	0.0003
31/3/93	5.0	0.285	0.0001	0.0029
1/4/93	0.0	0.287	0.0001	0.0029
2/4/93	1.6	0.214	0.0001	0.0016
3/4/93	3.0	0.231	0.0000	0.0011
4/4/93	0.0	0.231	0.0000	0.0005
5/4/93	5.4	0.302	0.0000	0.0000
6/4/93	1.6	0.287	0.0000	0.0000
7/4/93	7.8	0.665	0.0059	0.1821
8/4/93	0.6	0.361	0.0042	0.1276
9/4/93	9.2	1.401	0.0093	0.2860
10/4/93	0.8	0.789	0.0013	0.0413
11/4/93	6.6	1.135	0.0044	0.1339
12/4/93	3.2	1.340	0.0000	0.0000
13/4/93	0.0	0.975	0.0000	0.0000
14/4/93	0.0	0.517	0.0000	0.0000
15/4/93	0.0	0.388	0.0000	0.0000
16/4/93	0.0	0.336	0.0000	0.0000
17/4/93	0.0	0.336	0.0000	0.0000
18/4/93	0.0	0.336	0.0000	0.0000
19/4/93	0.0	0.308	0.0000	0.0000
20/4/93	0.0	0.313	0.0000	0.0000
21/4/93	0.0	0.288	0.0000	0.0000
22/4/93	0.0	0.288	0.0000	0.0000
23/4/93	2.2	0.288	0.0000	0.0000
24/4/93	0.4	0.288	0.0000	0.0000
25/4/93	1.4	0.288	0.0000	0.0000
26/4/93	3.6	0.265	0.0000	0.0000
27/4/93	0.0	0.241	0.0000	0.0000
28/4/93	0.0	0.244	0.0000	0.0000
29/4/93	0.0	0.211	0.0000	0.0000
30/4/93	0.0	0.219	0.0000	0.0000
1/5/93	0.0	0.240	0.0000	0.0000
2/5/93	0.0	0.213	0.0000	0.0000
3/5/93	0.0	0.192	0.0000	0.0000
4/5/93	0.0	0.192	0.0000	0.0000
5/5/93	0.0	0.192	0.0000	0.0000
6/5/93	0.0	0.218	0.0000	0.0000
7/5/93	0.0	0.251	0.0000	0.0000

Table A9/3 Chemical loads - 011/8/C (Jubilee) Cont.

Date	Rain (mm)	Flow (mm/day)	chem. load (g/ha)	chem. load (g)
8/5/93	0.0	0.241	0.0000	0.0000
9/5/93	0.6	0.240	0.0000	0.0000
10/5/93	2.0	0.245	0.0000	0.0000
11/5/93	0.2	0.233	0.0000	0.0001
12/5/93	0.2	0.250	0.0000	0.0001
13/5/93	0.0	0.262	0.0000	0.0002
14/5/93	0.4	0.239	0.0000	0.0003
15/5/93	0.0	0.212	0.0000	0.0003
16/5/93	3.4	0.192	0.0000	0.0003
17/5/93	5.0	0.210	0.0000	0.0004
18/5/93	1.6	0.204	0.0000	0.0005
19/5/93	1.8	0.178	0.0000	0.0004
20/5/93	7.2	0.192	0.0000	0.0005
21/5/93	2.2	0.204	0.0000	0.0003
22/5/93	2.8	0.164	0.0000	0.0000
23/5/93	1.4	0.168	0.0000	0.0000
24/5/93	1.0	0.144	0.0000	0.0000
25/5/93	0.0	0.144	0.0000	0.0000
26/5/93	16.2	0.410	0.0000	0.0000
27/5/93	0.8	0.256	0.0002	0.0046
28/5/93	0.2	0.192	0.0000	0.0013
29/5/93	4.6	0.208	0.0000	0.0000
30/5/93	1.6	0.248	0.0000	0.0000
31/5/93	0.0	0.192	0.0000	0.0000

Table A9/4 Chemical loads - 011/8/D (Foxbridge)

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
1/2/93	0.0	0.000	0.0000	0.0000
2/2/93	0.0	0.000	0.0000	0.0000
3/2/93	0.0	0.000	0.0000	0.0000
4/2/93	0.0	0.000	0.0000	0.0000
5/2/93	0.0	0.000	0.0000	0.0000
6/2/93	0.0	0.000	0.0000	0.0000
7/2/93	0.0	0.000	0.0000	0.0000
8/2/93	0.0	0.000	0.0000	0.0000
9/2/93	0.2	0.000	0.0000	0.0000
10/2/93	0.0	0.000	0.0000	0.0000
11/2/93	0.0	0.000	0.0000	0.0000
12/2/93	0.0	0.000	0.0000	0.0000
13/2/93	0.2	0.000	0.0000	0.0000
14/2/93	0.0	0.000	0.0000	0.0000
15/2/93	1.0	0.000	0.0000	0.0000
16/2/93	0.0	0.000	0.0000	0.0000
17/2/93	0.0	0.000	0.0000	0.0000
18/2/93	0.0	0.000	0.0000	0.0000
19/2/93	0.0	0.000	0.0000	0.0000
20/2/93	0.0	0.000	0.0000	0.0000
21/2/93	0.0	0.000	0.0000	0.0000
22/2/93	0.2	0.000	0.0000	0.0000
23/2/93	0.0	0.000	0.0000	0.0000
24/2/93	0.0	0.000	0.0000	0.0000
25/2/93	1.0	0.000	0.0000	0.0000
26/2/93	0.2	0.000	0.0000	0.0000
27/2/93	0.0	0.000	0.0000	0.0000
28/2/93	0.0	0.000	0.0000	0.0000
1/3/93	0.4	0.000	0.0000	0.0000
2/3/93	0.2	0.000	0.0000	0.0000
3/3/93	0.0	0.000	0.0000	0.0000
4/3/93	0.0	0.000	0.0000	0.0000
5/3/93	0.0	0.000	0.0000	0.0000
6/3/93	0.0	0.000	0.0000	0.0000
7/3/93	0.0	0.000	0.0000	0.0000
8/3/93	0.0	0.000	0.0000	0.0000
9/3/93	0.0	0.000	0.0000	0.0000
10/3/93	0.2	0.000	0.0000	0.0000
11/3/93	0.0	0.000	0.0000	0.0000
12/3/93	0.0	0.000	0.0000	0.0000
13/3/93	0.0	0.000	0.0000	0.0000
14/3/93	0.0	0.000	0.0000	0.0000
15/3/93	0.0	0.000	0.0000	0.0000
16/3/93	0.4	0.000	0.0000	0.0000
17/3/93	0.0	0.000	0.0000	0.0000
18/3/93	0.0	0.000	0.0000	0.0000
19/3/93	0.2	0.000	0.0000	0.0000
20/3/93	0.0	0.000	0.0000	0.0000

Table A9/4 Chemical loads - 011/8/D (Foxbridge) Cont.

	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
21/3/93	1.4	0.000	0.0000	0.0000
22/3/93	3.4	0.000	0.0000	0.0000
23/3/93	0.0	0.000	0.0000	0.0000
24/3/93	0.2	0.000	0.0000	0.0000
25/3/93	0.0	0.000	0.0000	0.0000
26/3/93	0.0	0.000	0.0000	0.0000
27/3/93	0.0	0.000	0.0000	0.0000
28/3/93	0.0	0.000	0.0000	0.0000
29/3/93	0.0	0.000	0.0000	0.0000
30/3/93	0.6	0.000	0.0000	0.0000
31/3/93	5.0	0.000	0.0000	0.0000
1/4/93	0.0	0.000	0.0000	0.0000
2/4/93	1.6	0.000	0.0000	0.0000
3/4/93	3.0	0.000	0.0000	0.0000
4/4/93	0.0	0.000	0.0000	0.0000
5/4/93	5.4	0.001	0.0000	0.0000
6/4/93	1.6	0.000	0.0000	0.0000
7/4/93	7.8	0.102	0.0017	0.0102
8/4/93	0.6	0.000	0.0000	0.0000
9/4/93	9.2	0.785	0.0061	0.0365
10/4/93	0.8	0.138	0.0005	0.0030
11/4/93	6.6	0.405	0.0021	0.0123
12/4/93	3.2	0.478	0.0000	0.0000
13/4/93	0.0	0.237	0.0000	0.0000
14/4/93	0.0	0.069	0.0000	0.0000
15/4/93	0.0	0.000	0.0000	0.0000
16/4/93	0.0	0.000	0.0000	0.0000
17/4/93	0.0	0.000	0.0000	0.0000
18/4/93	0.0	0.000	0.0000	0.0000
19/4/93	0.0	0.000	0.0000	0.0000
20/4/93	0.0	0.000	0.0000	0.0000
21/4/93	0.0	0.000	0.0000	0.0000
22/4/93	0.0	0.000	0.0000	0.0000
23/4/93	2.2	0.000	0.0000	0.0000
24/4/93	0.4	0.000	0.0000	0.0000
25/4/93	1.4	0.000	0.0000	0.0000
26/4/93	3.6	0.000	0.0000	0.0000
27/4/93	0.0	0.000	0.0000	0.0000
28/4/93	0.0	0.000	0.0000	0.0000
29/4/93	0.0	0.000	0.0000	0.0000
30/4/93	0.0	0.000	0.0000	0.0000
1/5/93	0.0	0.000	0.0000	0.0000
2/5/93	0.0	0.000	0.0000	0.0000
3/5/93	0.0	0.000	0.0000	0.0000
4/5/93	0.0	0.000	0.0000	0.0000
5/5/93	0.0	0.000	0.0000	0.0000
6/5/93	0.0	0.000	0.0000	0.0000
7/5/93	0.0	0.000	0.0000	0.0000

Table A9/4 Chemical loads - 011/8/D (Foxbridge) Cont.

Date	Rain (mm)	flow (mm/day)	chem. load (g/ha)	chem. load (g)
8/5/93	0.0	0.000	0.0000	0.0000
9/5/93	0.6	0.000	0.0000	0.0000
10/5/93	2.0	0.000	0.0000	0.0000
11/5/93	0.2	0.000	0.0000	0.0000
12/5/93	0.2	0.000	0.0000	0.0000
13/5/93	0.0	0.000	0.0000	0.0000
14/5/93	0.4	0.000	0.0000	0.0000
15/5/93	0.0	0.000	0.0000	0.0000
16/5/93	3.4	0.000	0.0000	0.0000
17/5/93	5.0	0.000	0.0000	0.0000
18/5/93	1.6	0.000	0.0000	0.0000
19/5/93	1.8	0.000	0.0000	0.0000
20/5/93	7.2	0.000	0.0000	0.0000
21/5/93	2.2	0.000	0.0000	0.0000
22/5/93	2.8	0.000	0.0000	0.0000
23/5/93	1.4	0.000	0.0000	0.0000
24/5/93	1.0	0.000	0.0000	0.0000
25/5/93	0.0	0.000	0.0000	0.0000
26/5/93	16.2	0.000	0.0000	0.0000
27/5/93	0.8	0.000	0.0000	0.0000
28/5/93	0.2	0.000	0.0000	0.0000
29/5/93	4.6	0.000	0.0000	0.0000
30/5/93	1.6	0.000	0.0000	0.0000
31/5/93	0.0	0.000	0.0000	0.0000

