



Northern Indiana Public Service Company

Nuclear Staff
RR 3, Box 501
Chestercon, TN 46304
August 12, 1981

BAILLY GENERATING STATION N-1

Mr. B. J. Youngblood, Chief
Licensing Branch No. 1
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: NORTHERN INDIANA PUBLIC SERVICE COMPANY
BAILLY GENERATING STATION NUCLEAR 1
DOCKET 50-367



Dear Mr. Youngblood:

Enclosed herewith are ten (10) copies of the following:

1. Well Charts for 7/29-81 - 8/5/81.
2. Bailly Wells Without Recorders for 8/5/81.
3. Pond Levels for 8/5/81.
4. Pneumatic Pressure Transducers for 8/5/81.
5. Water Meter Readings for 8/5/81.
6. USGS Wells for 8/5/81.
7. Rainfall Data for 6/1/81 - 7/31/81.
8. Chart Recorder Calibration Results of 8/5/81.

Sincerely,

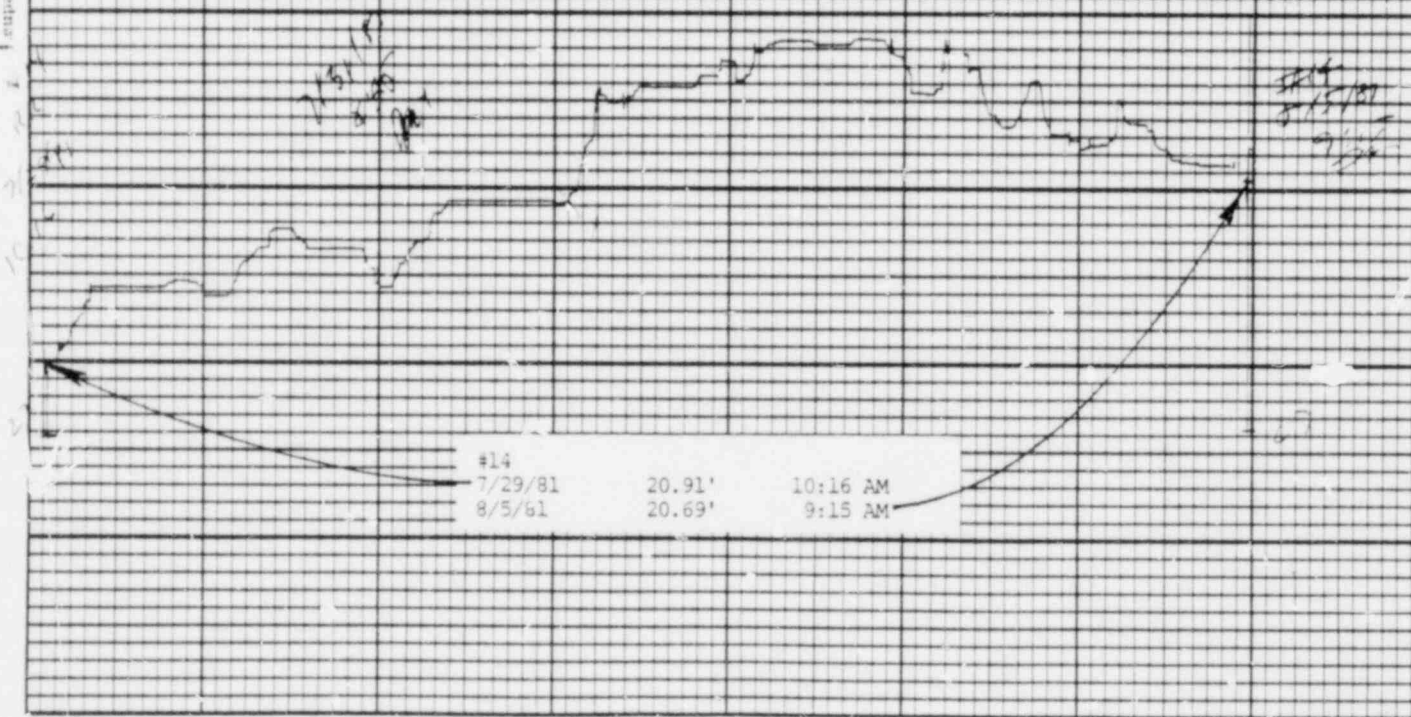
R. J. Bohn
Manager, Nuclear Staff

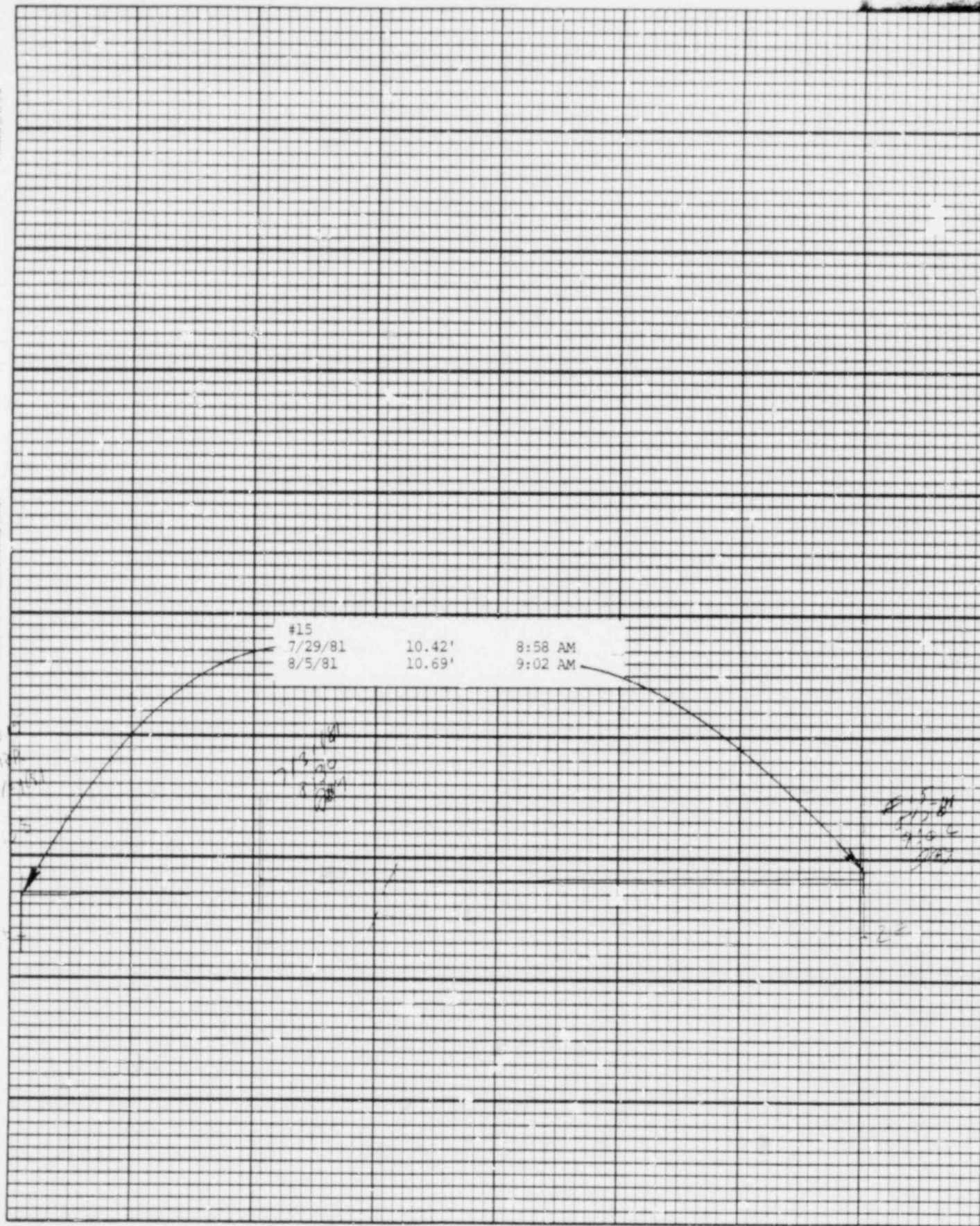
DBY:cb

Enclosures

File: Project--Groundwater Observation Monitoring Wells

0004
8/11





Product No. 10-A

Leupold & Stevens, Inc., Beaverton, Ore.

Chart F-1

(S)

Stevens Water Level Recorder — Type F

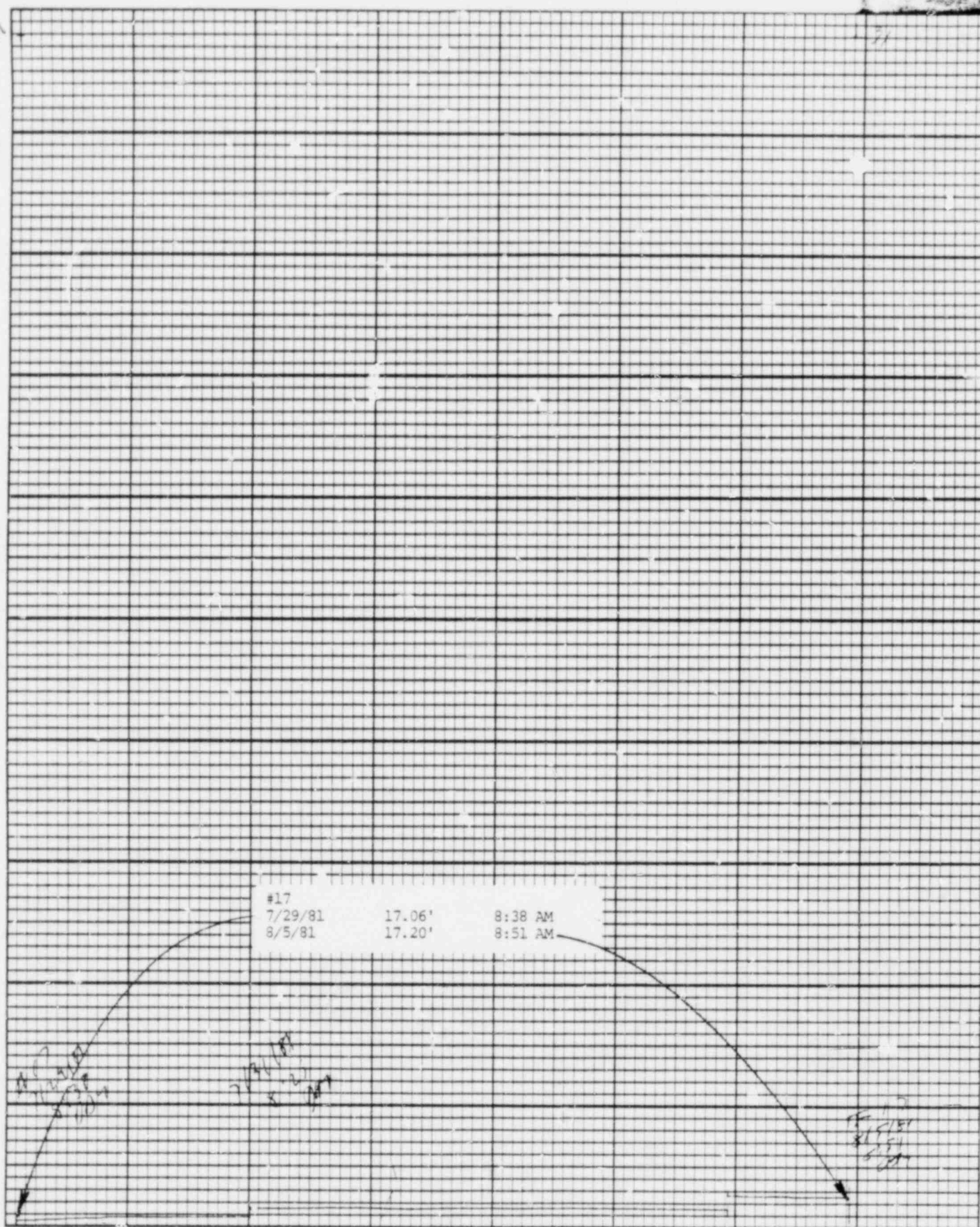
28

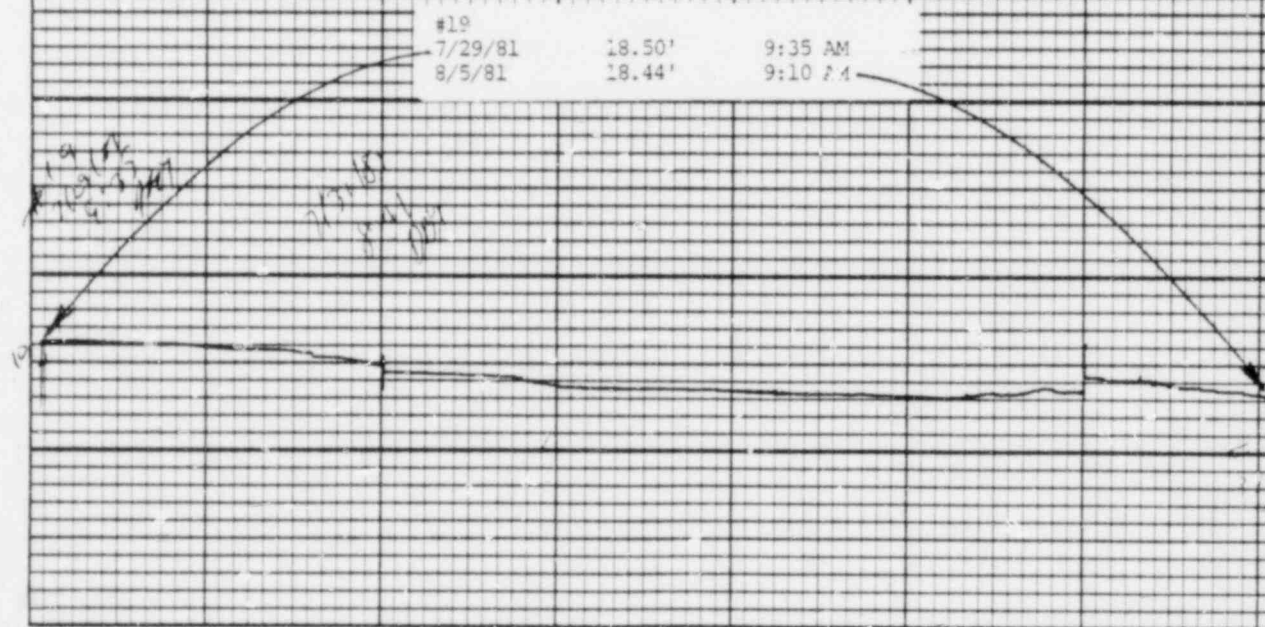
RR

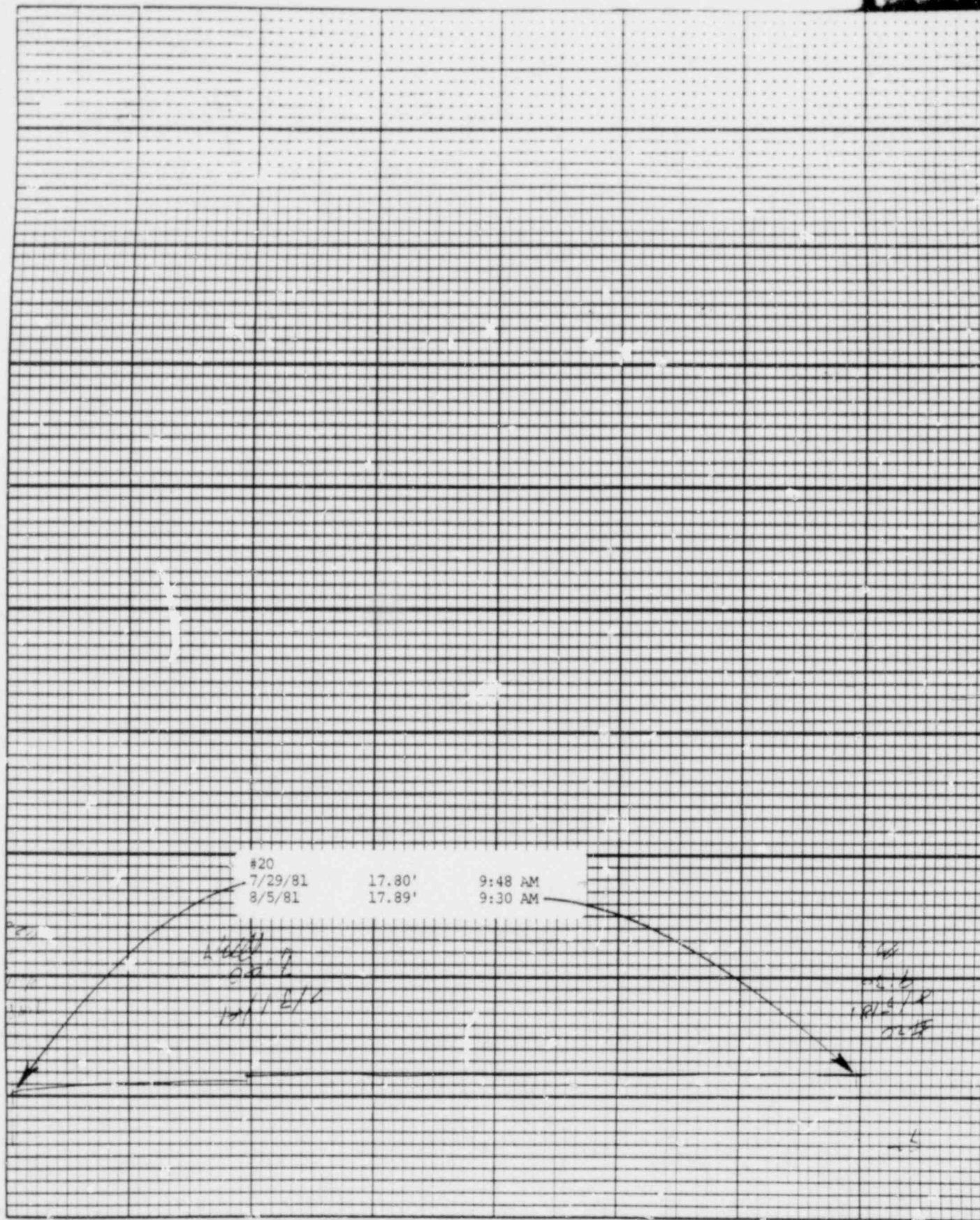
4.5
4.37

2.5

#16		
7/29/81	19.55'	8:35 AM
8/5/81	19.54'	8:37 AM

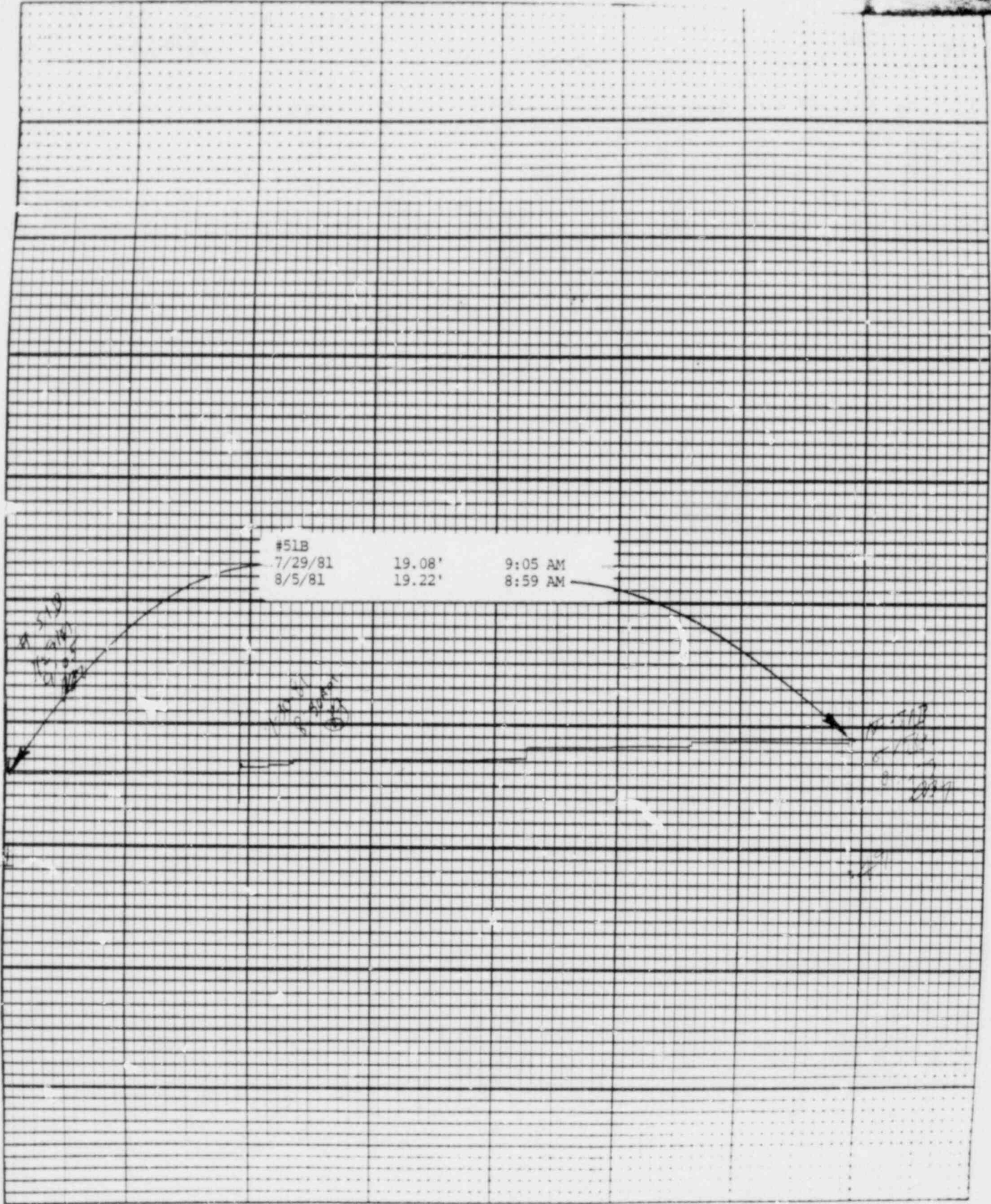




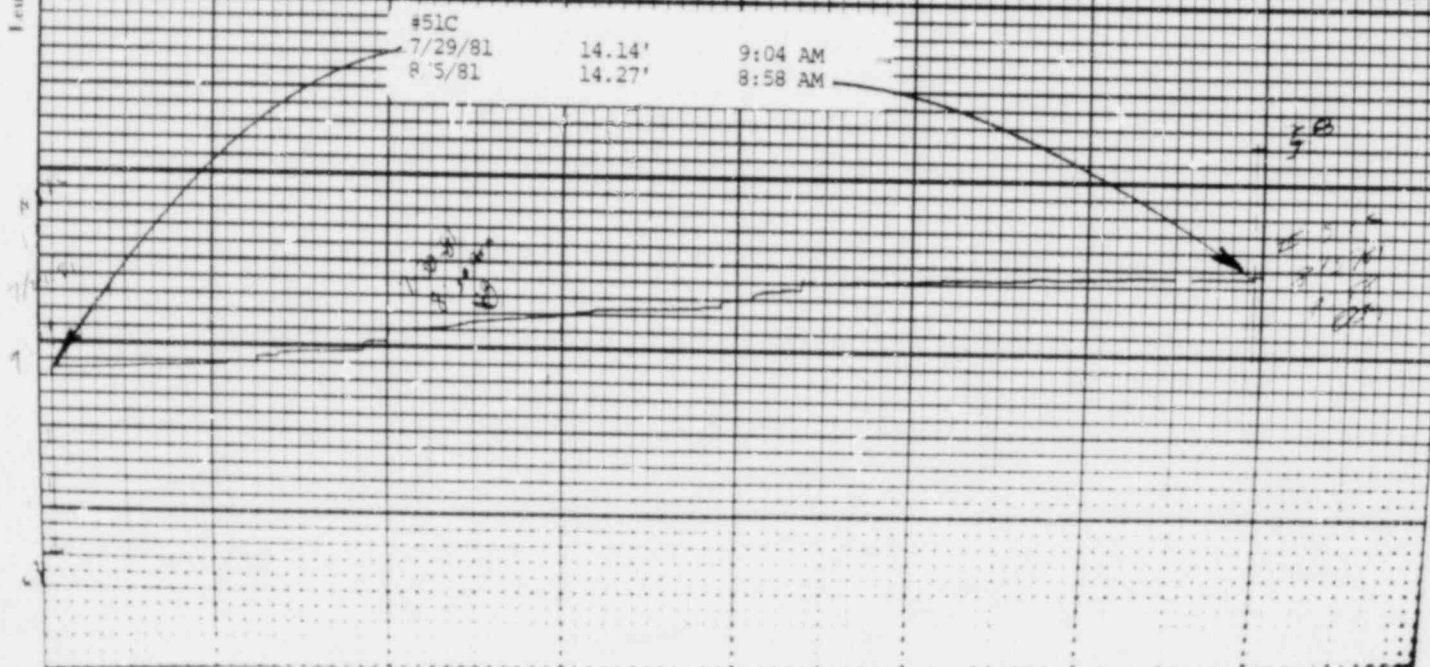


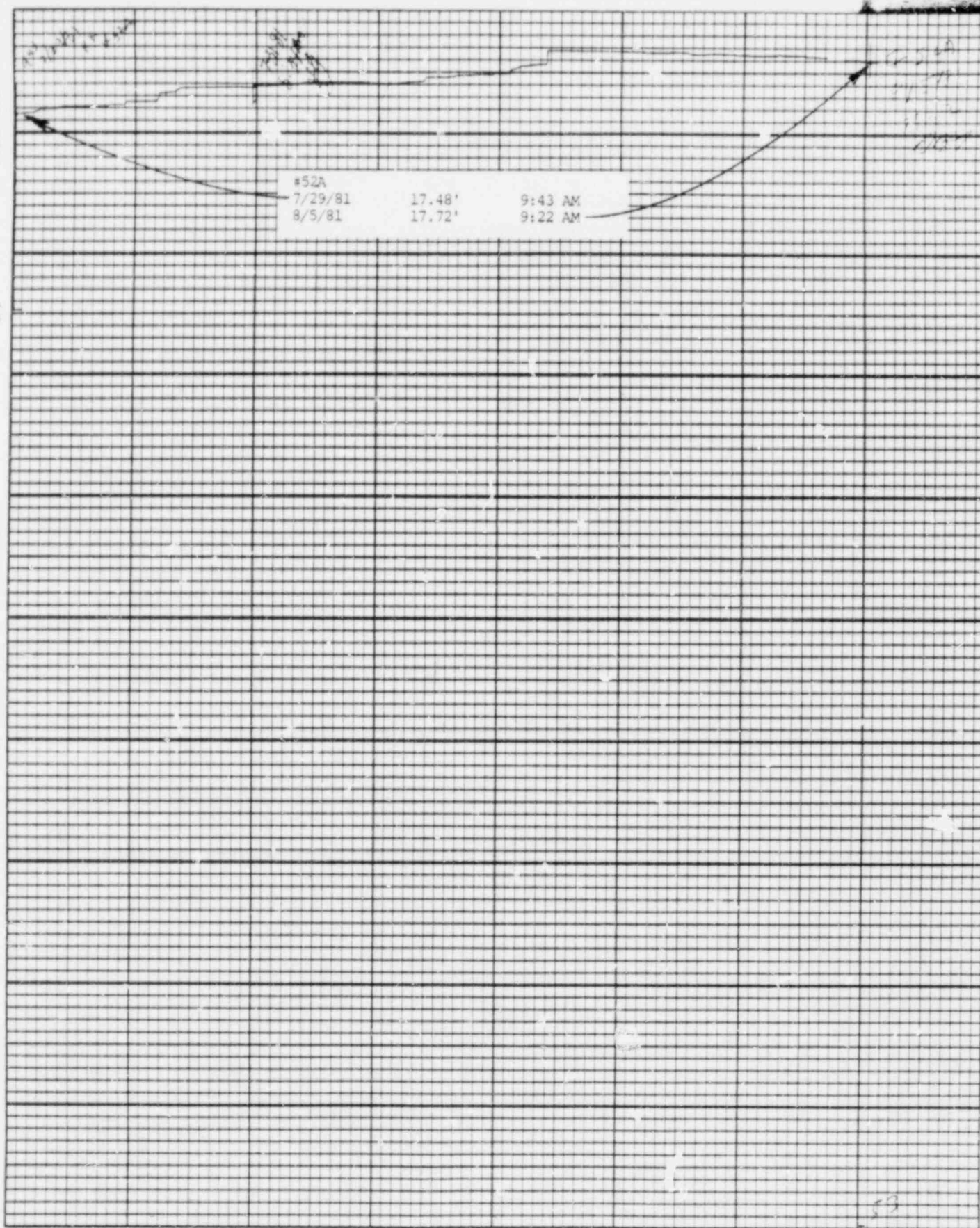
Leopold & Stevens, Inc., Beaverton, Ore.

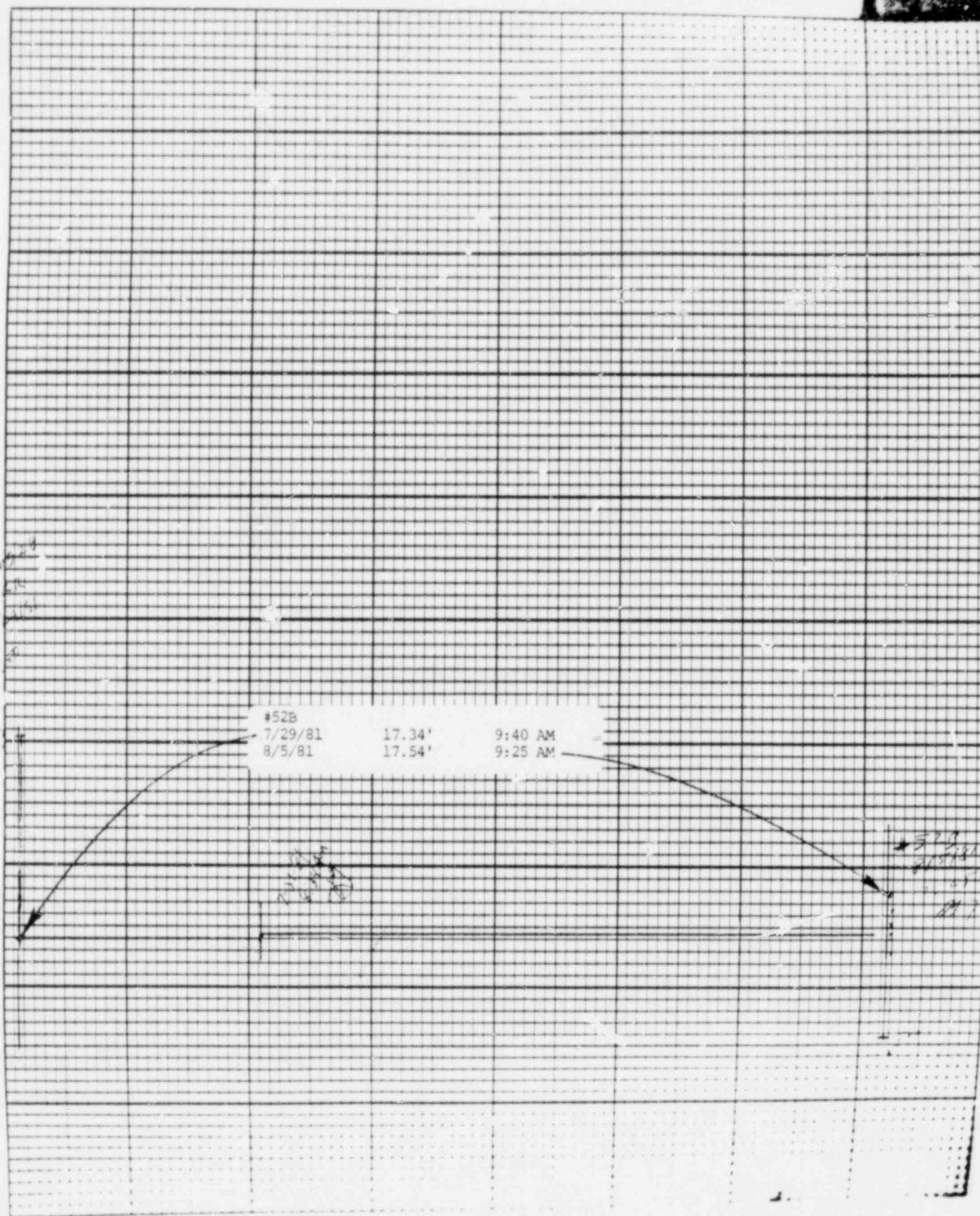
45



Stevens Water Level Recorder — Type F







7/29/81

#52C

7/29/81

18.88'

9:45 AM

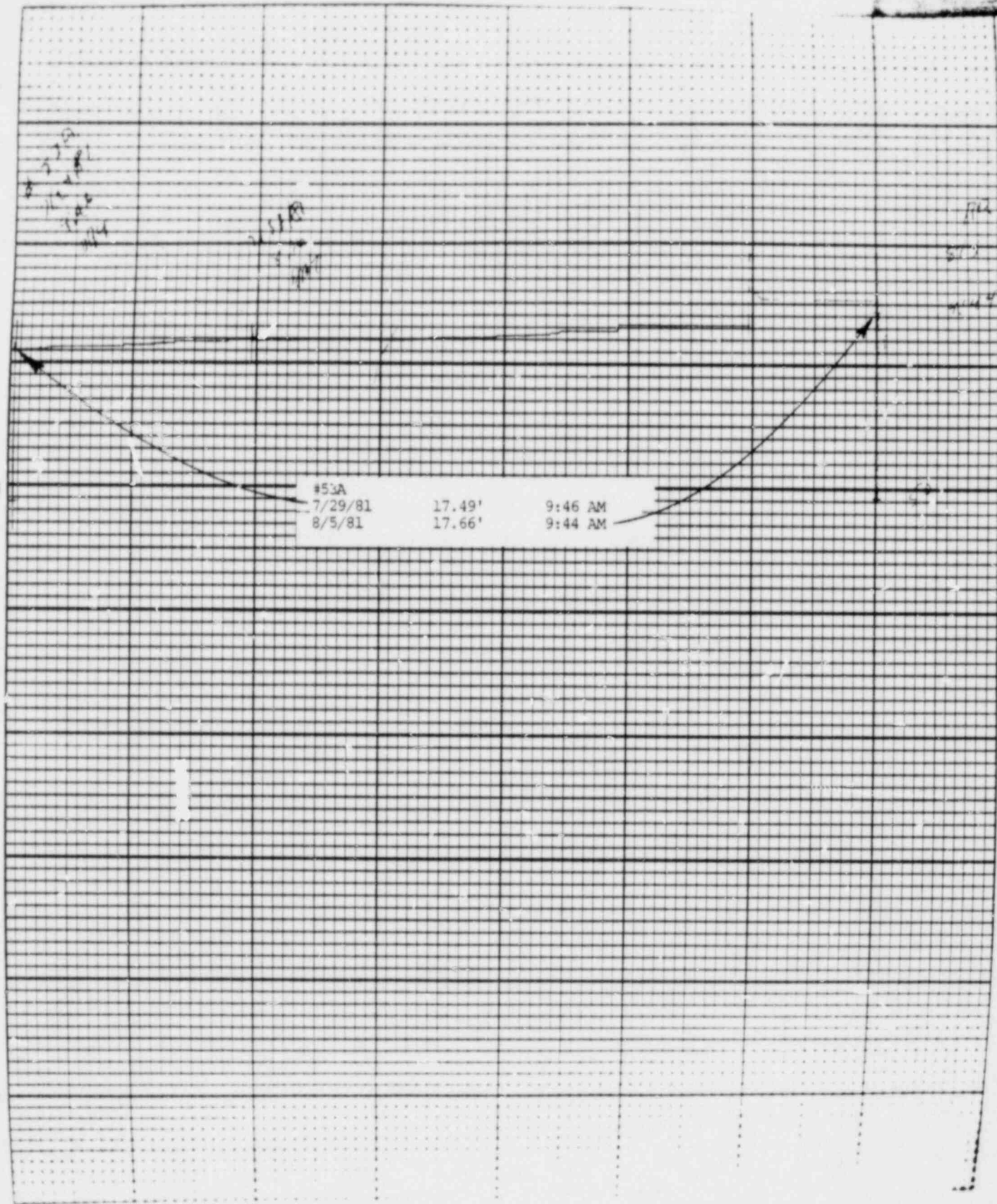
8/5/81

18.92'

9:26 AM

7/29/81
8/5/81

Leupold & Stevens, Inc., Beaverton, OR



17.49'	9:46 AM
17.66'	9:44 AM

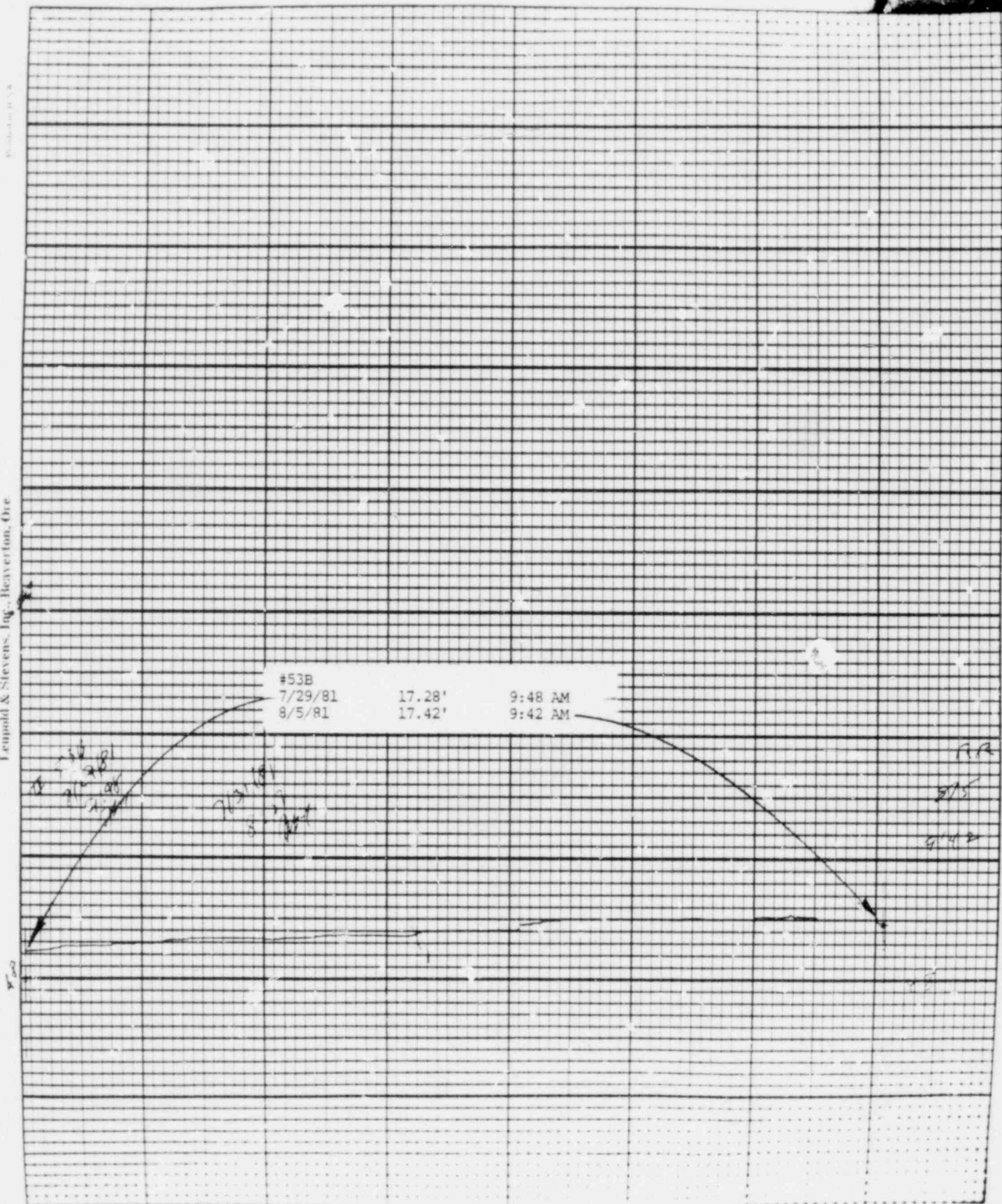
Revised 10/81

Leupold & Stevens, Inc., Beaverdam, Ore

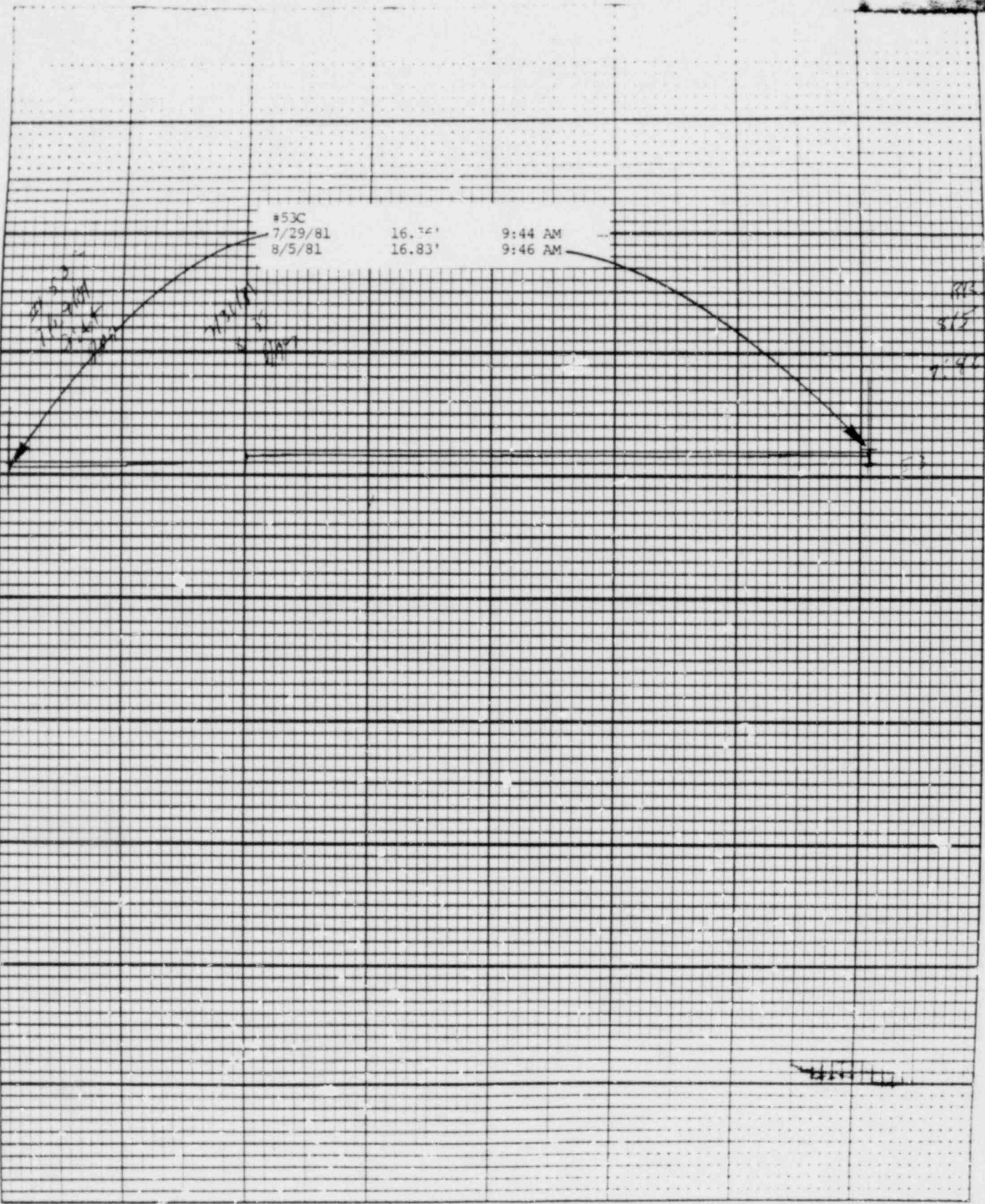
Chart F-1

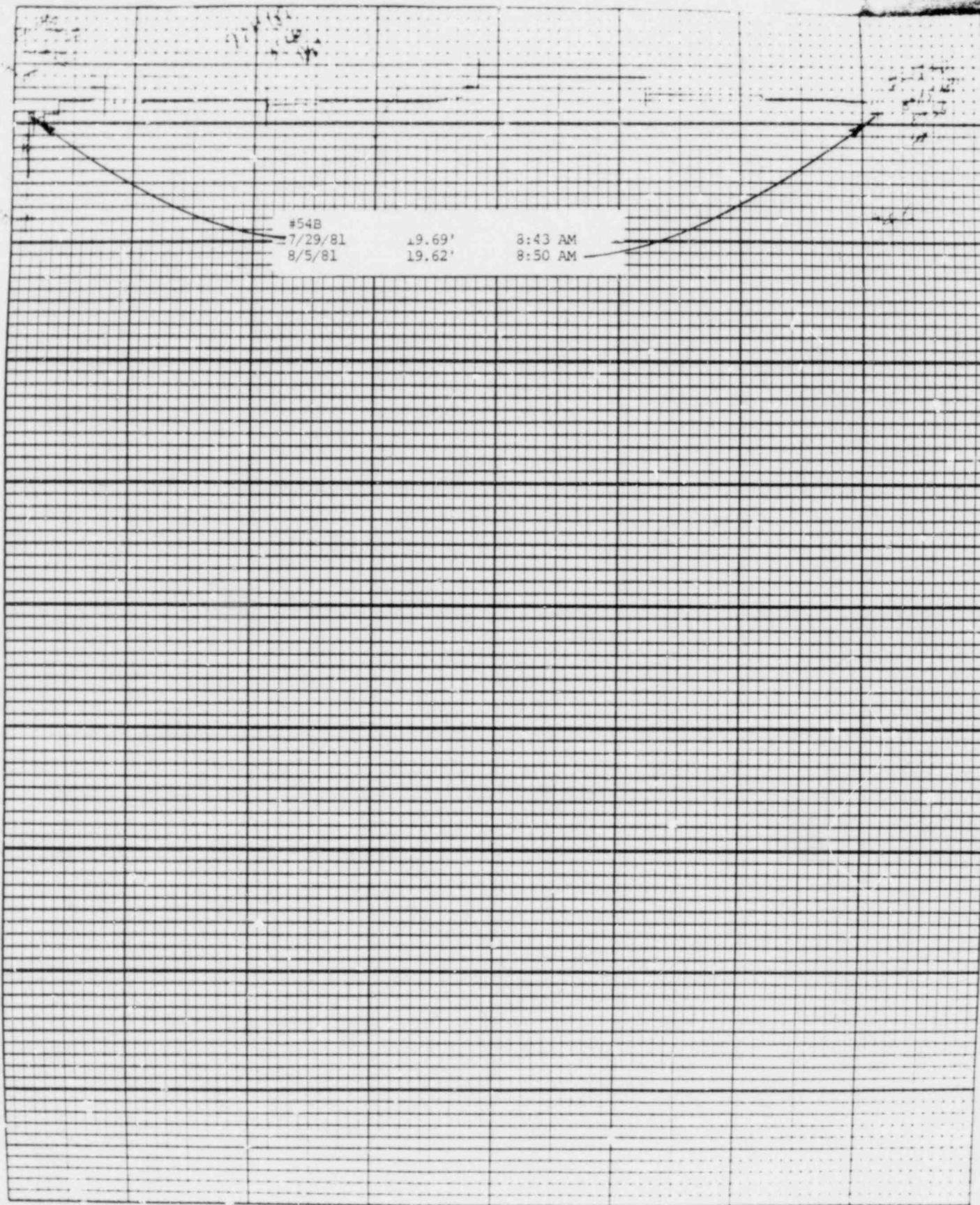
(S)

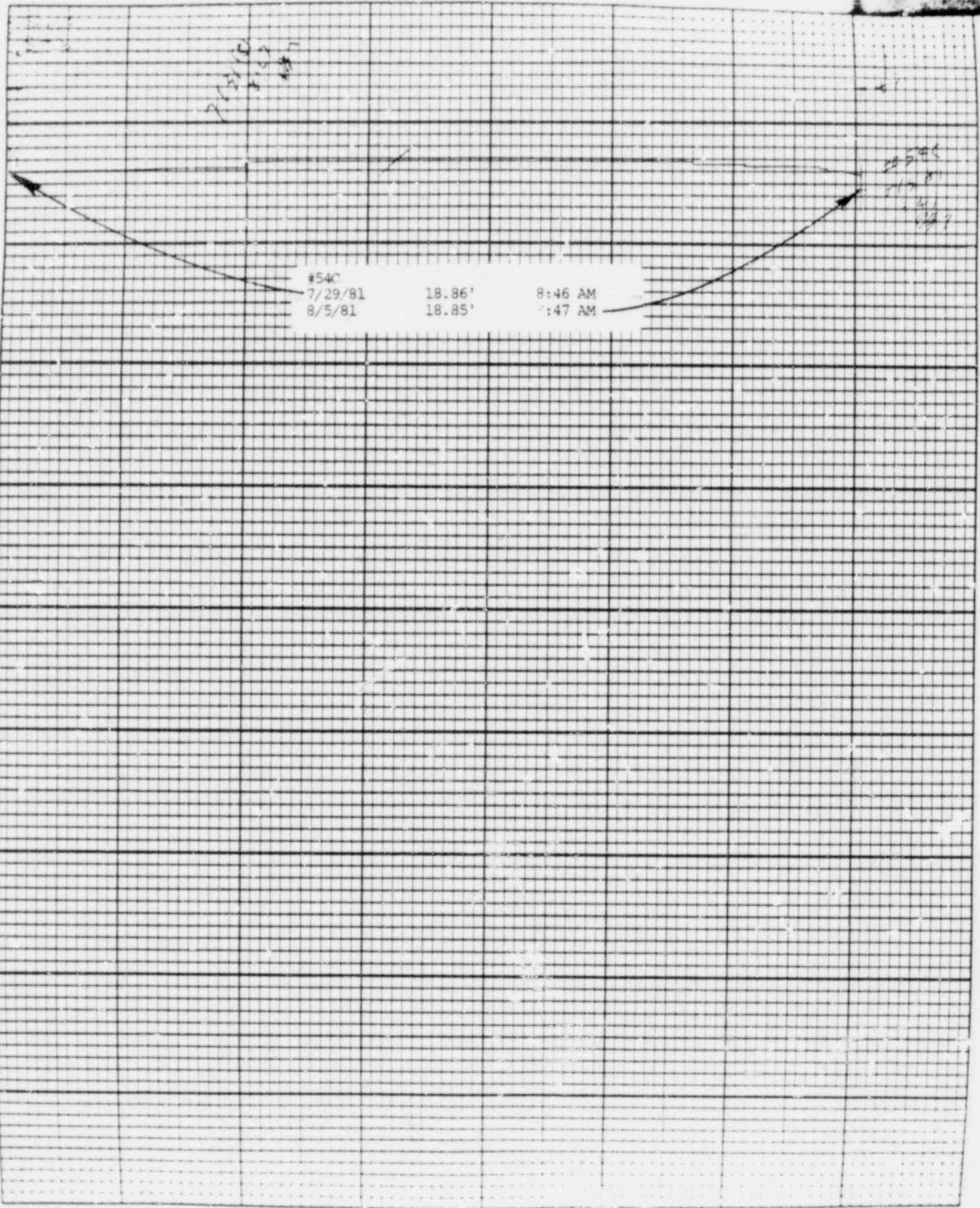
Stevens Water Level Recorder — Type F

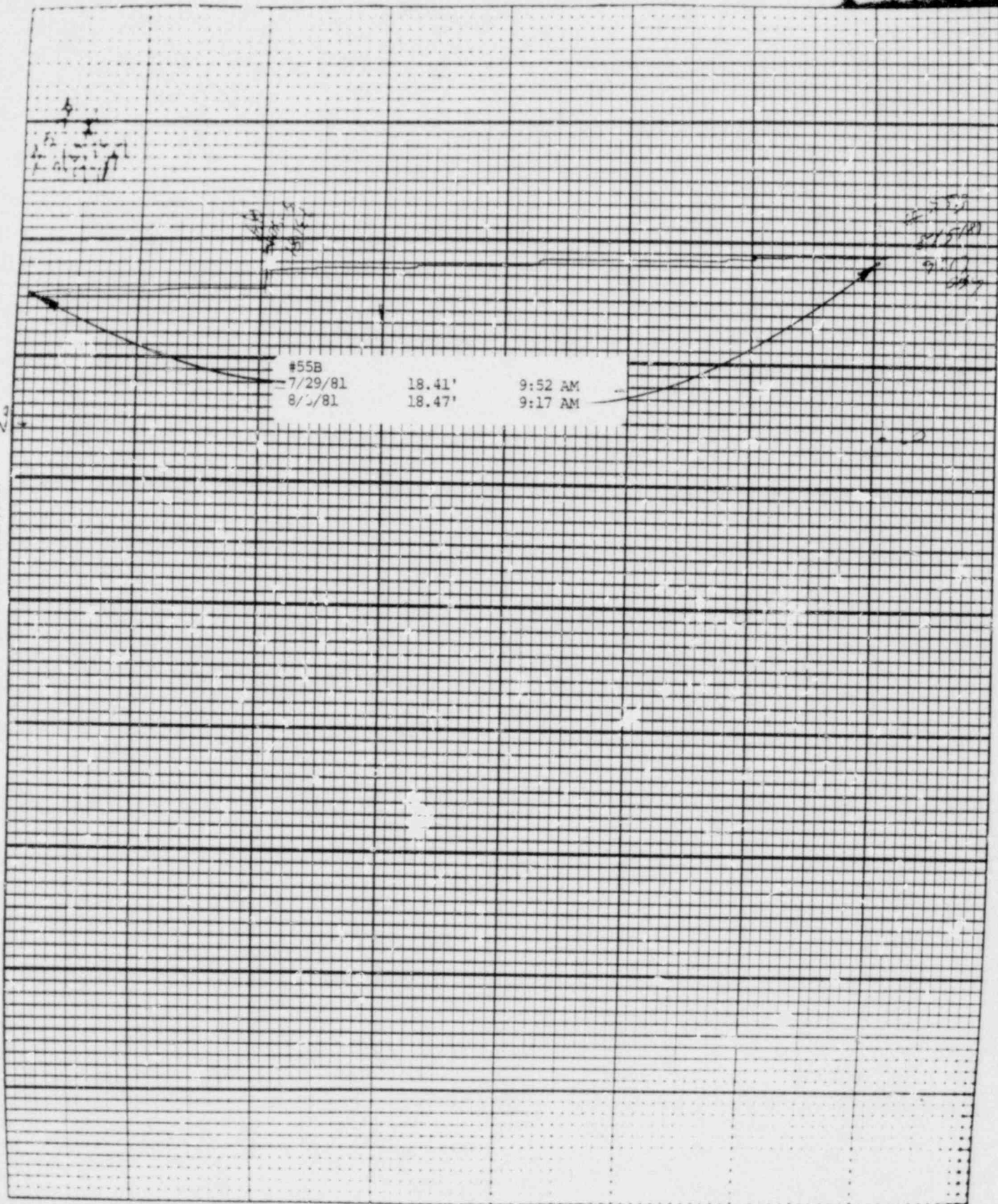


53
Leupold & Stevens, Inc., Beaverton, Ore.









Leupold & Stevens, Inc. Beaver Lake, Ore.

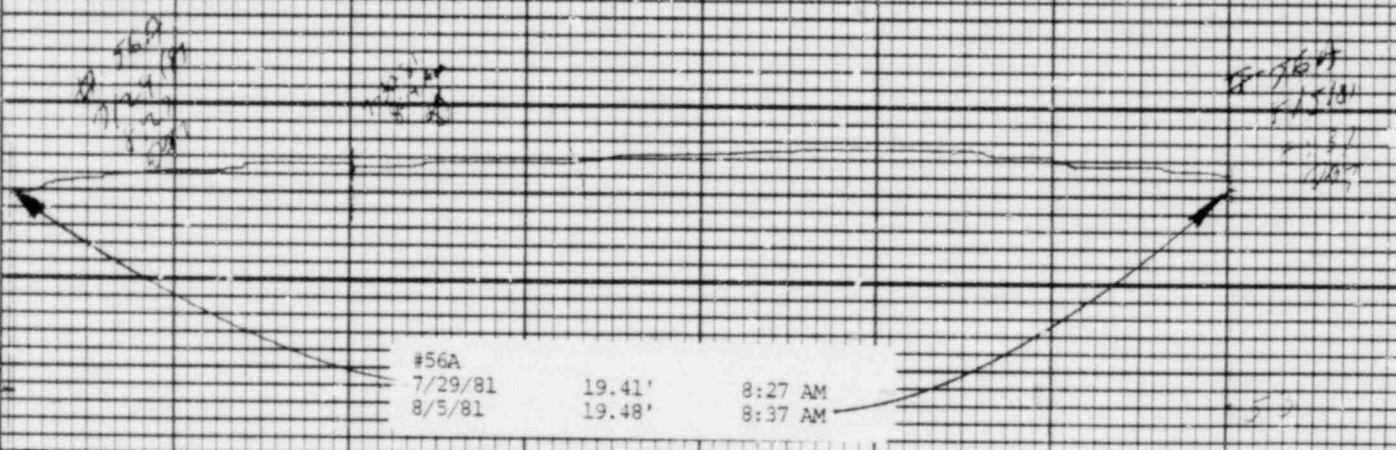
7/29/81
8.73
7/29/81

7/29/81
8.73
7/29/81
8.73

#55C		
7/29/81	18.73'	9:52 AM
8/5/81	18.82'	9:19 AM

Leupold & Stevens, Inc., Beaverton, Ore.

53



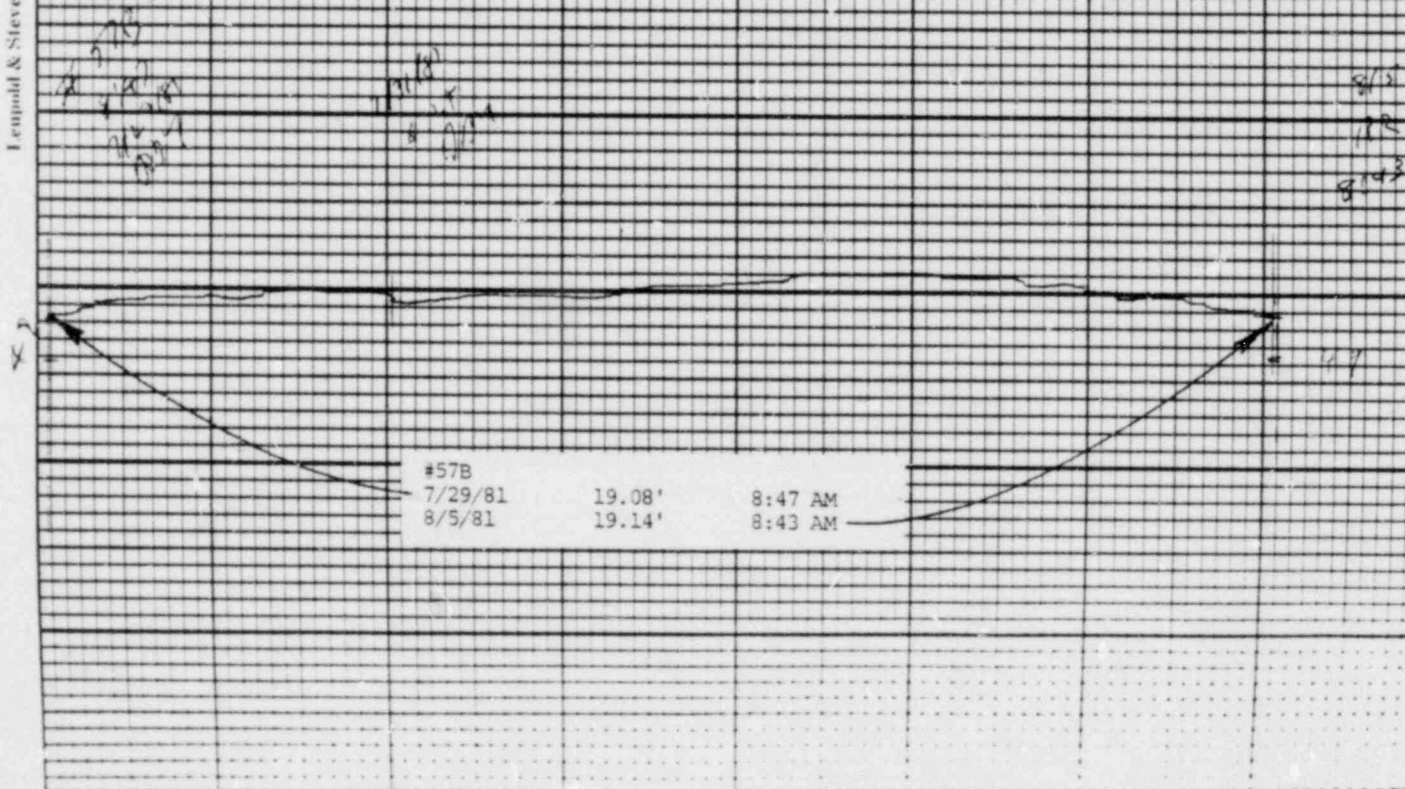
16
7/29/81
11:20 AM
19.29'

15
8/5/81
8:35 AM
19.44'

15
8/5/81
8:35 AM
19.44'

#56C	7/29/81	19.29'	8:25 AM
	8/5/81	19.44'	8:35 AM

Leupold & Stevens, Inc., Beaverton, Ore.



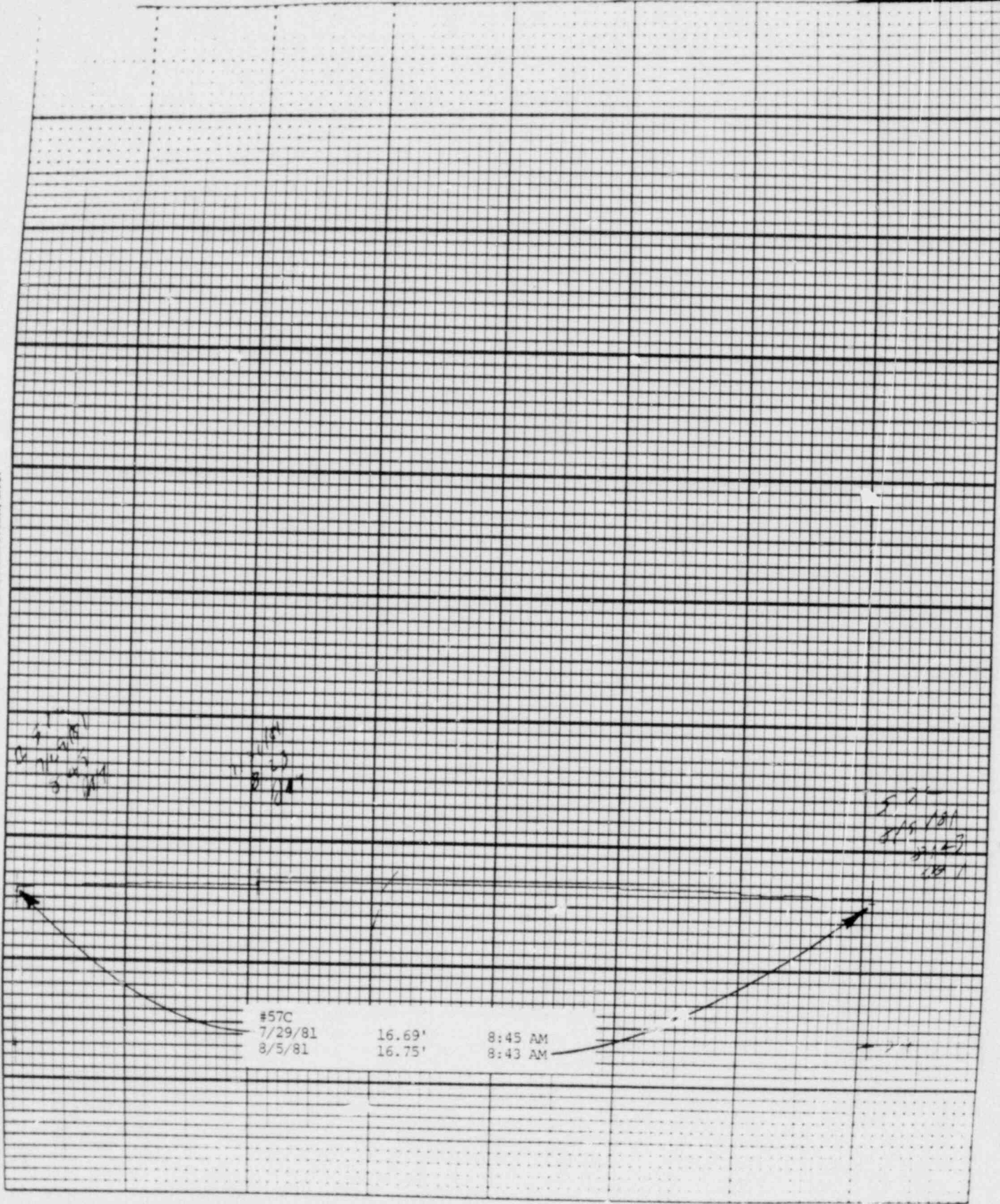
Stevens Water Level Recorder — Type F

Leupold & Stevens, Inc., Beaverton, Ore.

Chart F-1

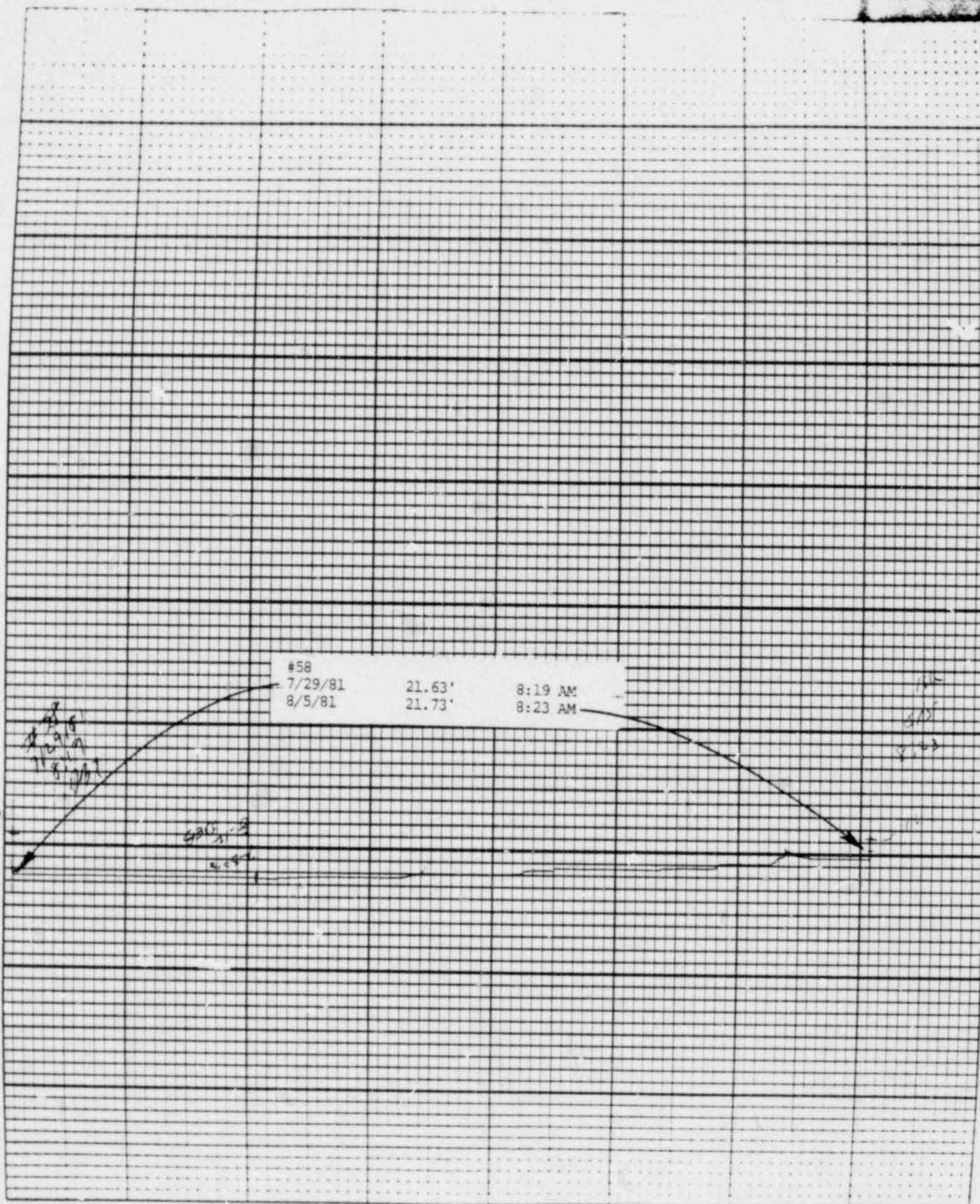
(S)

Stevens Water Level Recorder — Type F



58

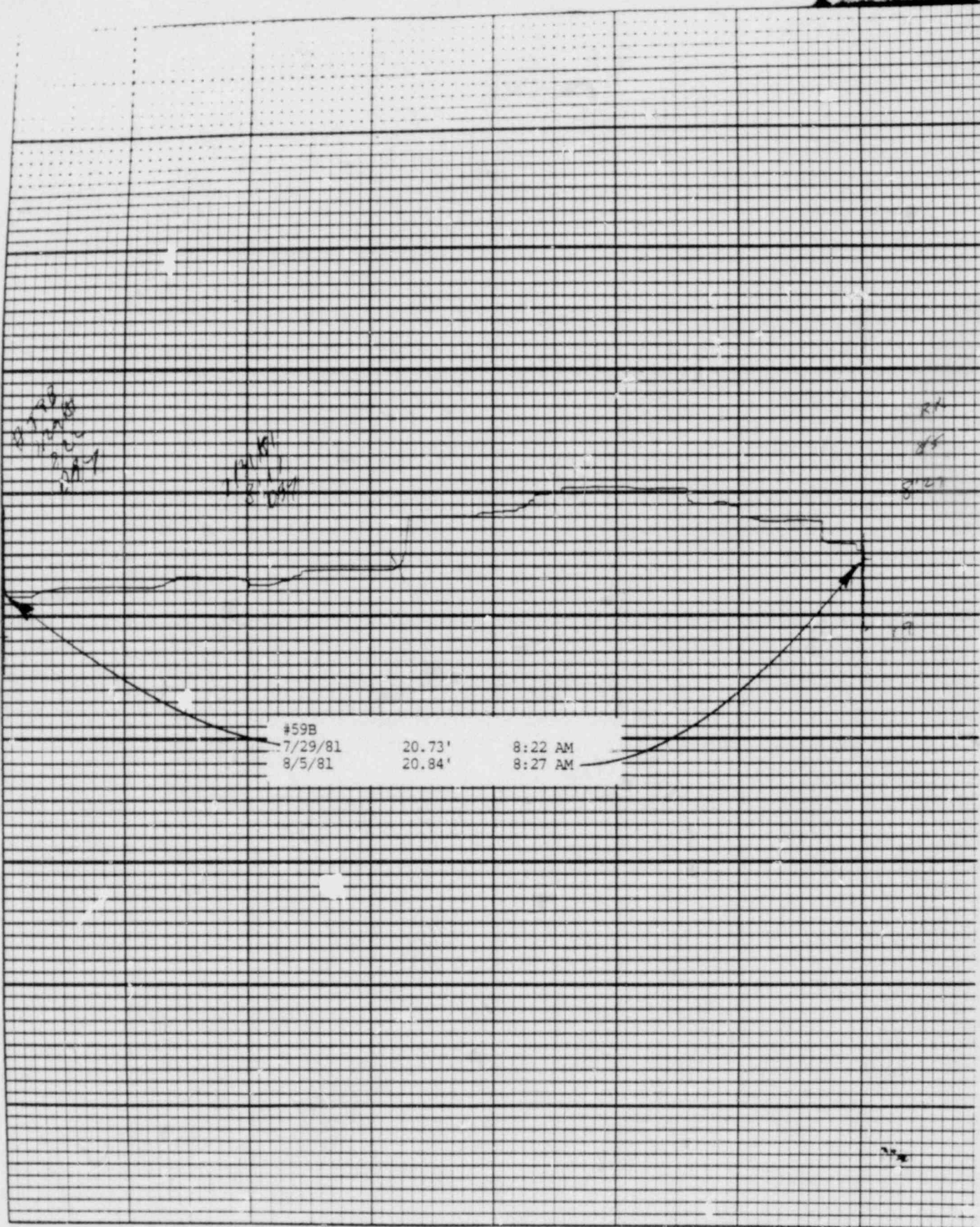
26



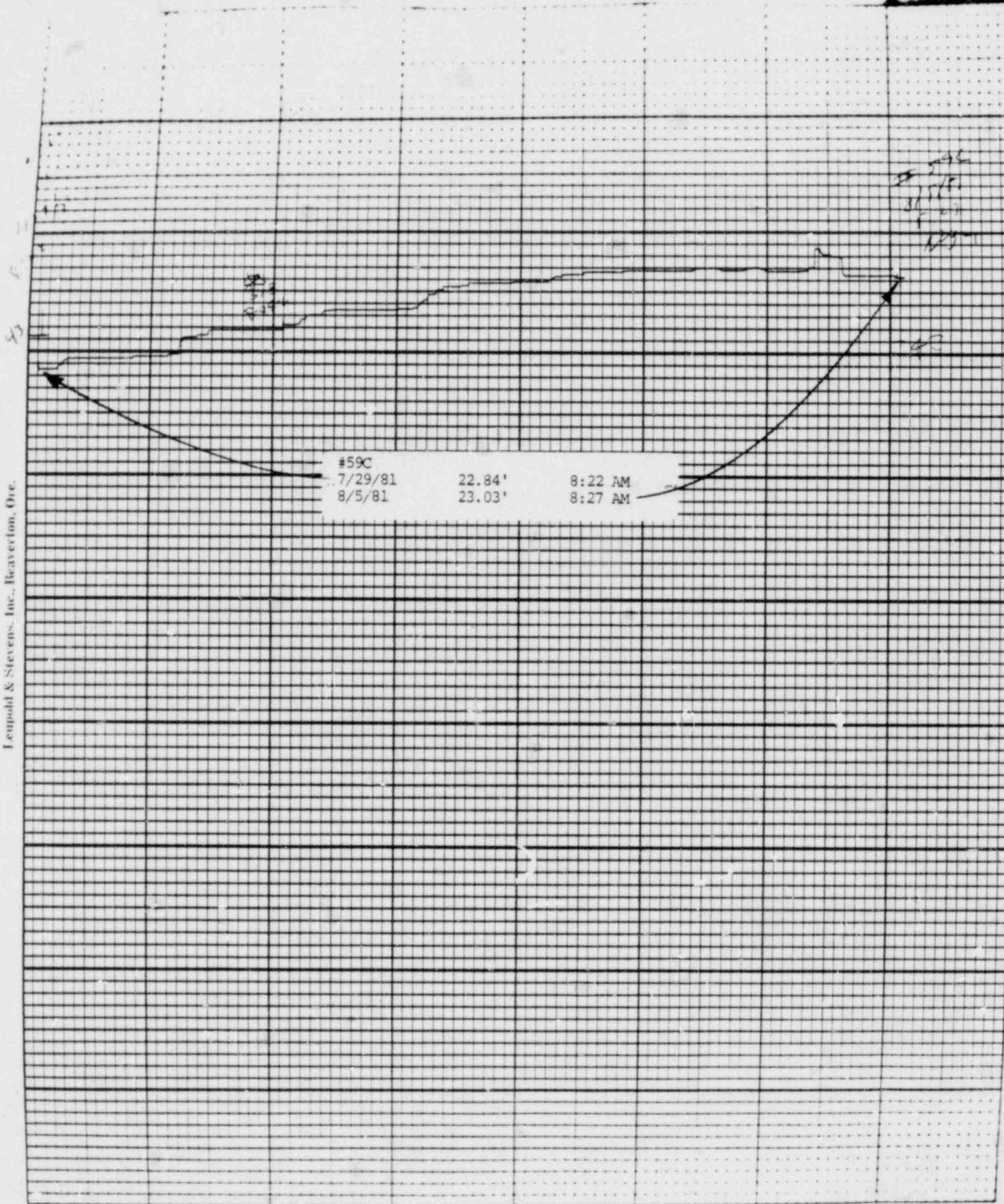
Stevens Water Level Recorder — Type F



Leupold & Stevens, Inc., Beaverton, Ore.



Leupold & Stevens, Inc., Beaverlton, Ore.



BAILLY WELLS WITHOUT RECORDERS

Date: 8/5/81

<u>Well #</u>	<u>Water Elevation in Feet</u>
62	23.35
65	22.21
67	18.21
72	11.47
73	11.83
74	14.85
APS-1	FILLED WITH SAND
APS-2	22.75

DBY:cb

POND LEVELS

<u>Pond</u>	Date: <u>8/5/81</u>
1	DRY
2	DRY
3	DRY
4	DRY
5	DRY
6	DRY
7	28.59'
8	INACCESSIBLE
9	28.51'
10	DRY
11	39.03'
12	38.73'
13	DRY

DBY:cb

PNEUMATIC PRESSURE TRANSDUCERS

Date: 8/5/81

<u>Transducer</u>	<u>Water Elevation in Feet</u>
P-1	13.9
P-2	OUT OF SERVICE
P-3	9.4
P-4	15.5
P-5	16.0
P-6	15.5

DBY:cb

WATER METER READINGS

<u>Date</u>	<u>Time</u>	<u>Meter Reading (Gallons)</u>	<u>Instantaneous Flow Rate (GPM)</u>
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Sump Pump Discharge

8/5/81	9:40 AM	463,398,000	158
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Well Point Discharge

8/5/81	9:40 AM	9,025,589	NOT IN USE
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USGS WELLS
(Elevation in Feet above Station Datum)

Date: 8/5/81

<u>Well</u>	<u>Water Level</u>
23	23.40
23 A	23.09
24	27.92
25	24.32
26	19.16
101	18.78
D-1A	19.59
D-2A	20.18
D-3A	27.26
G-1	22.59
G-2	22.74
G-3	BURIED
G-4A	22.68
G-5	BURIED
G-6	29.38

RAINFALL FLINT LAKE PUMP STATION

(RAINFALL IN INCHES)

JUNE 1, 1981 - JULY 31, 1981

JUNE

DATE

1	.01
2	.71
3	.00
4	.00
5	.09
6	.06
7	.00
8	.00
9	1.21
10	.20
11	.00
12	.00
13	5.28
14	.42
15	.00
16	.49
17	.00
18	.00
19	.00
20	.00
21	.01
22	.25
23	.00
24	.22
25	.69
26	T
27	.00
28	.01
29	.00
30	.01

JULY

DATE

1	.00
2	.00
3	.00
4	.03
5	.00
6	.00
7	.00
8	.00
9	.00
10	.00
11	.00
12	.35
13	.00
14	.00
15	.04
16	.00
17	.00
18	.00
19	.16
20	.30
21	.29
22	.00
23	.00
24	.00
25	T
26	2.69
27	.10
28	.93
29	.00
30	.00
31	.00

RECORDER CALIBRATION RESULTS

8/5/81

(Change in reported water elevations caused by calibration of wells with recorders)

<u>WELL #</u>	<u>FEET</u>
14	-.40
15	+.23
16	NO CHANGE
17	+.11
19	NO CHANGE
20	+.07
51B	NO CHANGE
51C	NO CHANGE
52A	+.15
52B	+.13
52C	NO CHANGE
53A	+.11
53B	+.10
53C	+.22
54B	-.07
54C	NO CHANGE
55B	NO CHANGE
55C	NO CHANGE
56A	+.07
56B	NO CHANGE
56C	+.16
57B	+.08
57C	+.07
58	+.06
59B	+.06
59C	NO CHANGE

DBY:cb