



Temperature Log

FILE NO. R-357 COMPANY AERO JET NUCLEAR INEL
 WELL RRGE #3 & 3A
 FIELD RAFT RIVER GEOTHERMAL
 COUNTY CASSIA STATE IDAHO
 LOCATION: SE/NW Other Services DIFL/BHC A/L CN LOG CDL/GR
 SEC _____ TWP _____ RGE _____

Permanent Datum GROUND LEVEL Elev. 4860 KB 4878
 Log Measured from GROUND LEVEL, Ft. Above Permanent Datum DF 4876
 Drilling Measured from K.B. GL 4860

Date	3/30/76	5/1/76	5/3/76
Run No.	ONE	TWO	THREE
Type Log	TEMP.	TEMP.	TEMP.
Depth-Driller	1404	5871	5868
Depth-Logger	1412	5868	5865
Bottom Logged Interval	1412	5868	5865
Top Logged Interval	25	SURFACE	SURFACE
Type Fluid in Hole	GEL/CMC/CAUSTIC	WATER	WATER
Salinity Ppm Cl.	1100		
Density Lb./Gal.	9.1		
Level	FULL	FULL	FULL
Max. Rec. Temp. Deg. F	158	285	295
Opr. Rig Time	2 HOURS	3 HOURS	7 HOURS
Recorded By	KUKAL	MCCALL	KUKAL
Witnessed By	MS. PRESTWICH		

Run No.	Bore Hole Record				Casing Record		
	Bit	From	To	Size	Wgt.	From	To
1	17.5	120	1400	20"	94#	SURFACE	120
2	12.1	1383 RB	4259 RB	13 3/8	68#	SURFACE	1383 RB
3	8.5	4259 RB	5871 RB	9 5/8		1200	
3	8.2	4255 RB	5868	9 5/8		SURFACE	4255 RB

REMARKS LOG RUN LOGGING DOWN. REMCO TOOL LOGGED FROM 5335 TO ID.

Equipment Used	
Series No.	2110
Run No.	ONE
S.O.	4-0633
Tool No.	1
Elec. No.	1
Panel No.	20971-2554 24202 24202

DIFFERENTIAL TEMPERATURE LOG DATA				INSTRUMENT DATA	
Run No.	1	2	3	4	
Date - Time	1830 3/30/76	0400 5/1/76	0830 5/3/76		
Tool Model No.	REMCO	2111	2111&REMCO		
Tool Serial No.	#1	29821	29821		
Truck No.	6103	6089	6089		
Gradient Sens.	380	268	256		
Differential Sens.					
Logging Speed	30' / MIN	REC.	REC.		
Type Well	GEOTHERMAL	GEOTHERMAL	GEOTHERMAL		
Log Purpose	TEMP GRADIENT	SURFACE	TEMP SURVEY		
Fluid Level			42 FEET		
Well Pressure					
Shut In Time					
Injected Fluid Temp.					
Inj./Prod Fluid Type					
Inj./Prod Rate					
Inj./Prod Volume					
Inj./Prod Time					
Cross Flow Check					

TEMPERATURE SURVEY

TEMPERATURE - °F



TEMPERATURE - °F

185
135
85

FLUID LEVEL

100

200

300

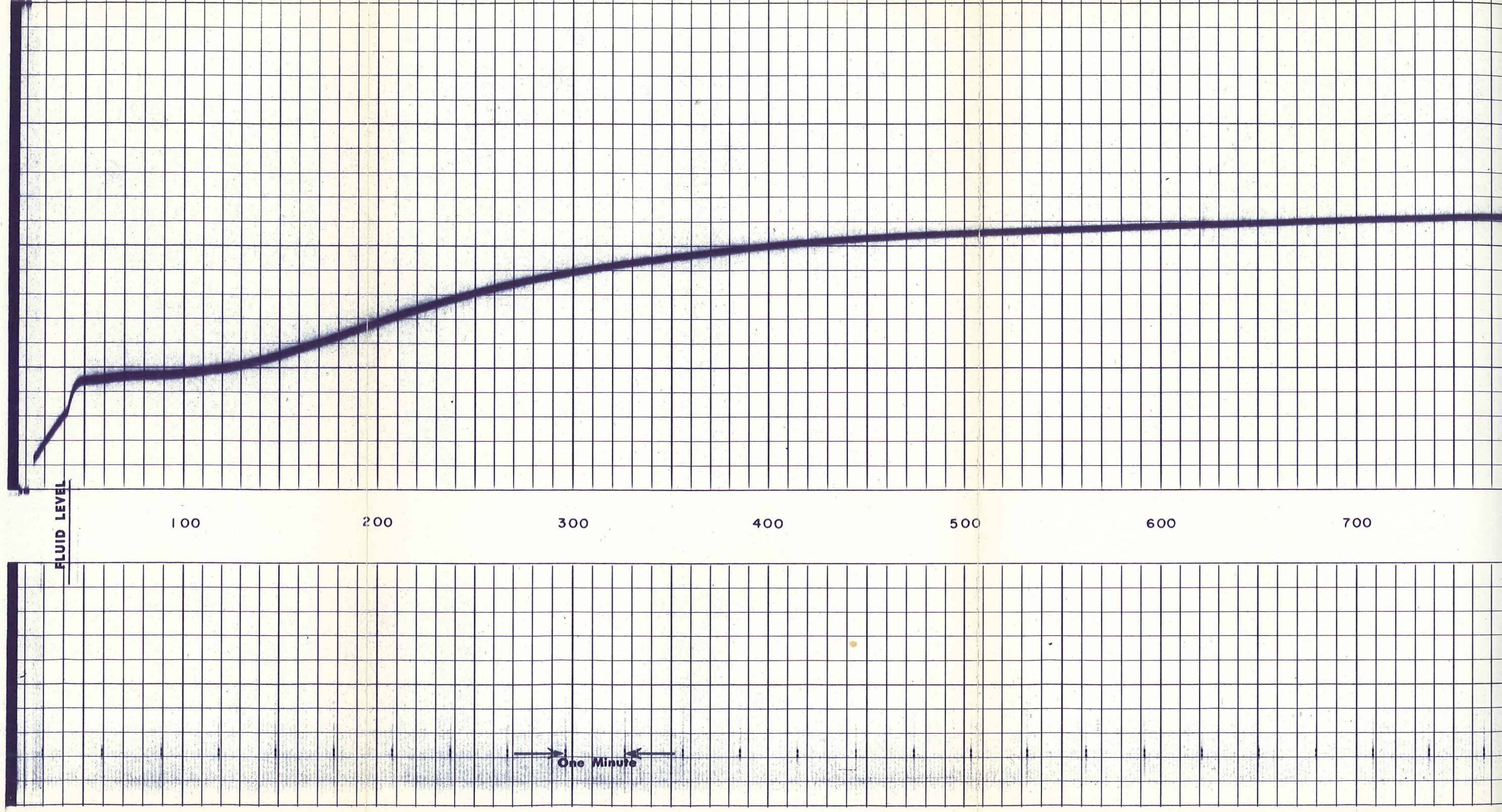
400

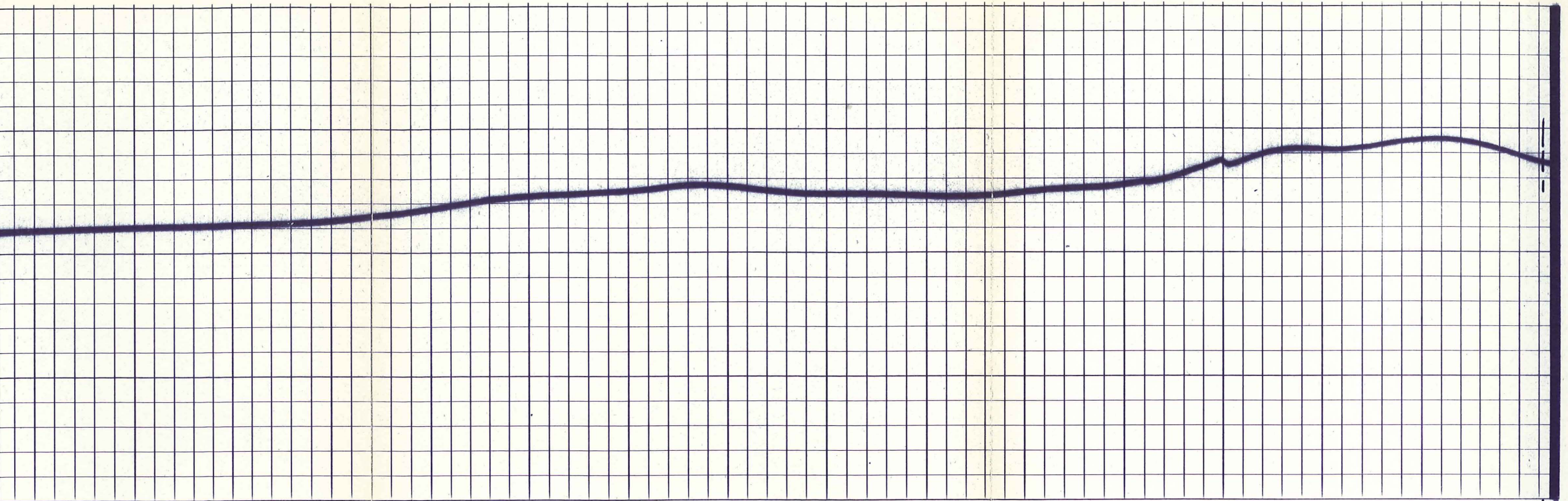
500

600

700

One Minute





700

800

900

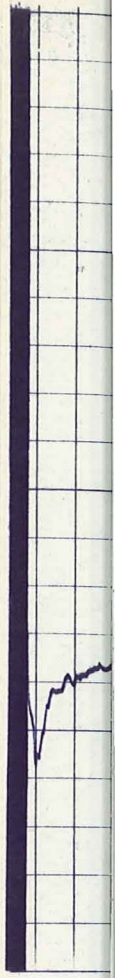
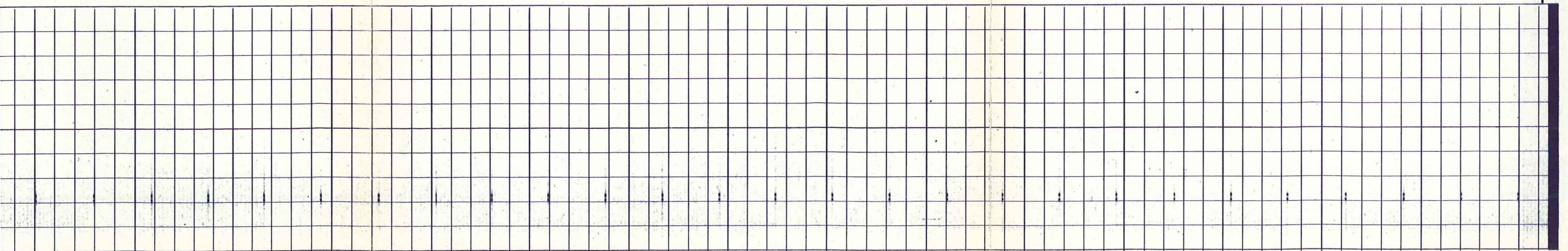
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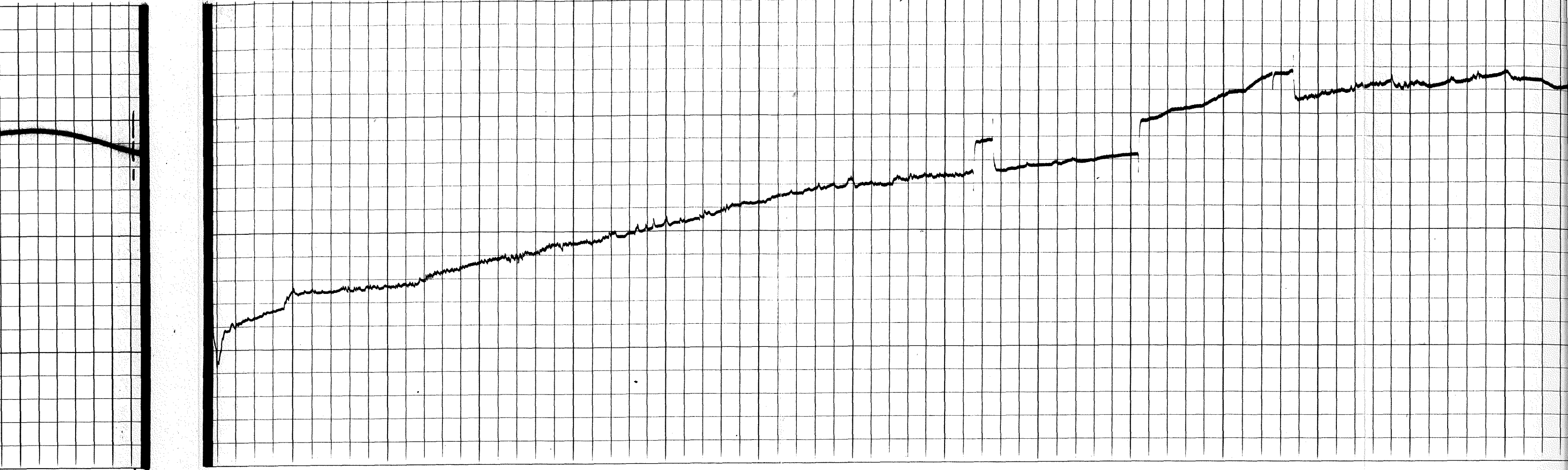
1100

1200

1300

1400
Run 1





1400
Run 1



Run 2

100

200

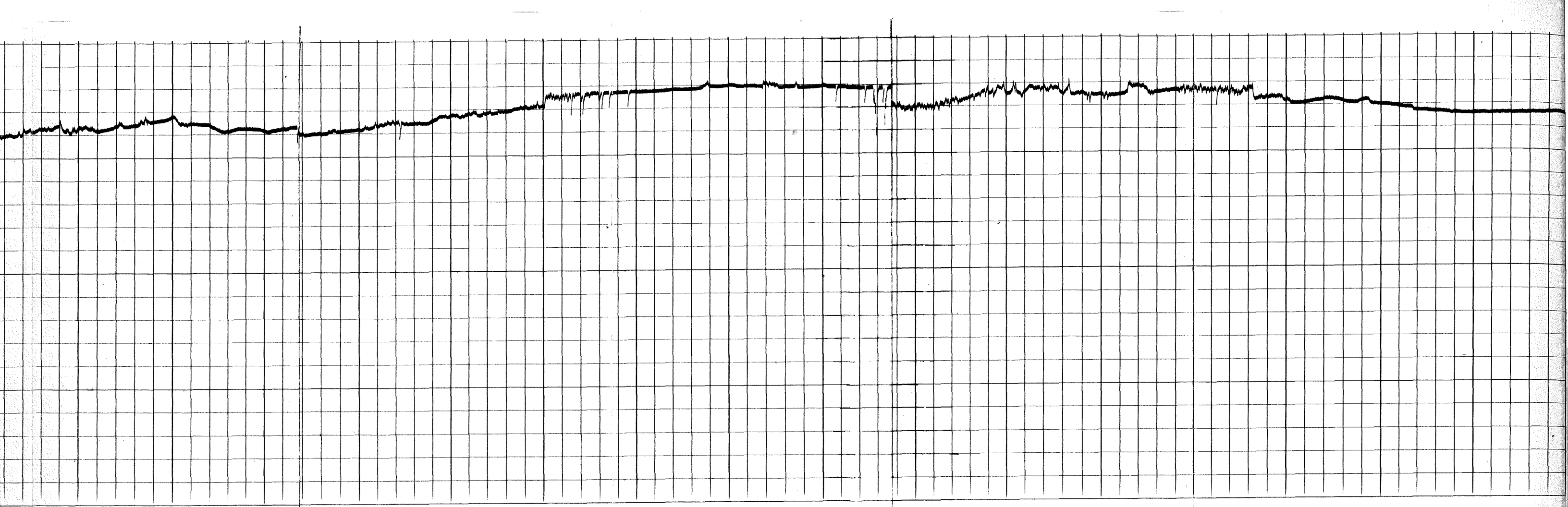
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400

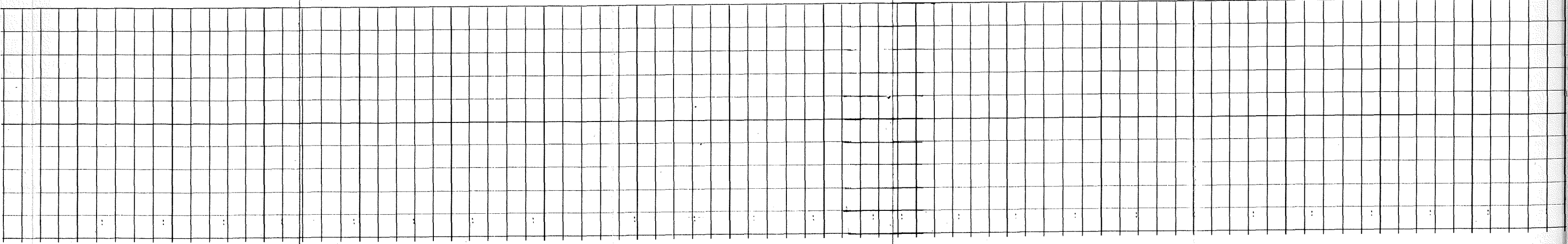
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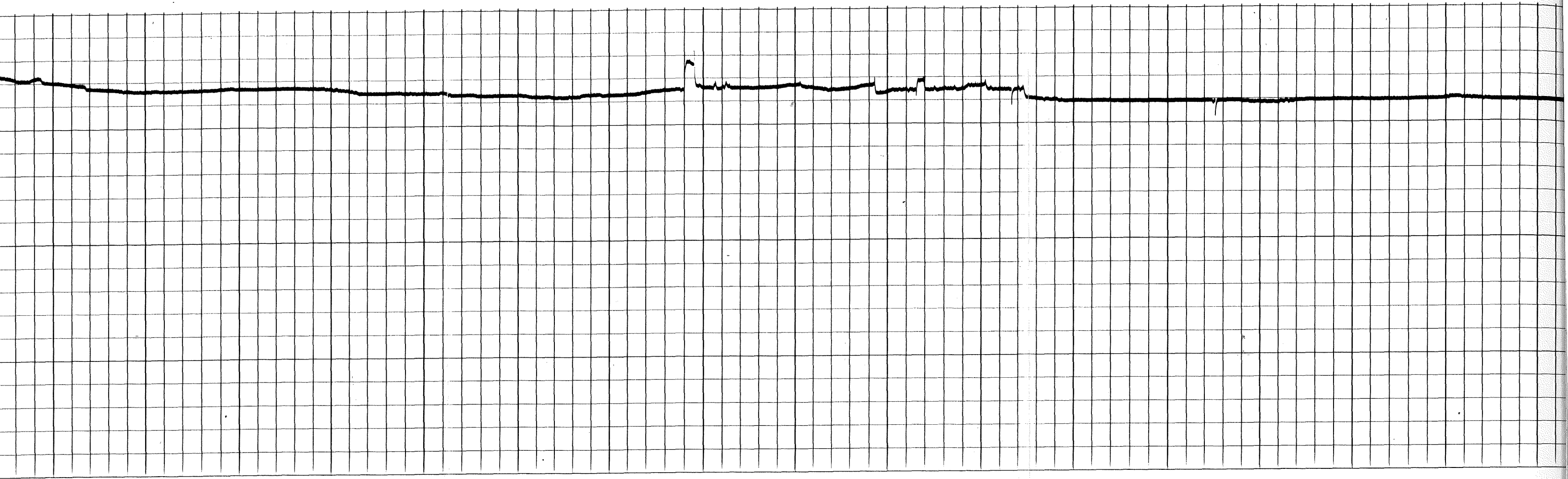
600

700



0 700 800 900 1000 1100 1200 1300 1400





1400

1500

1600

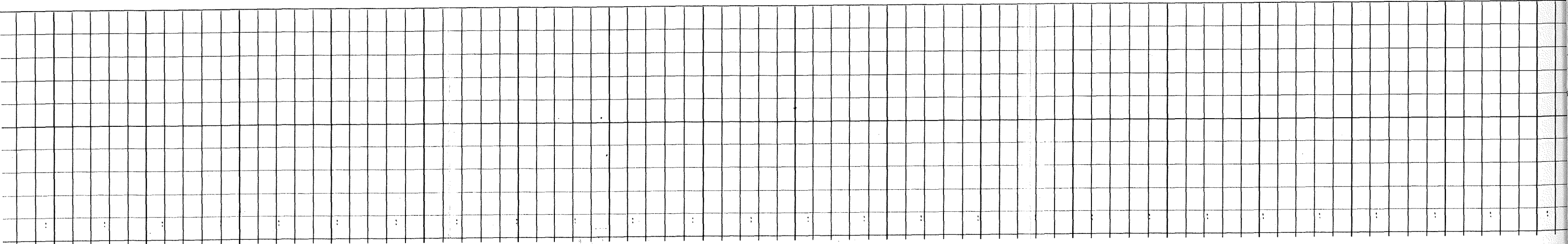
1700

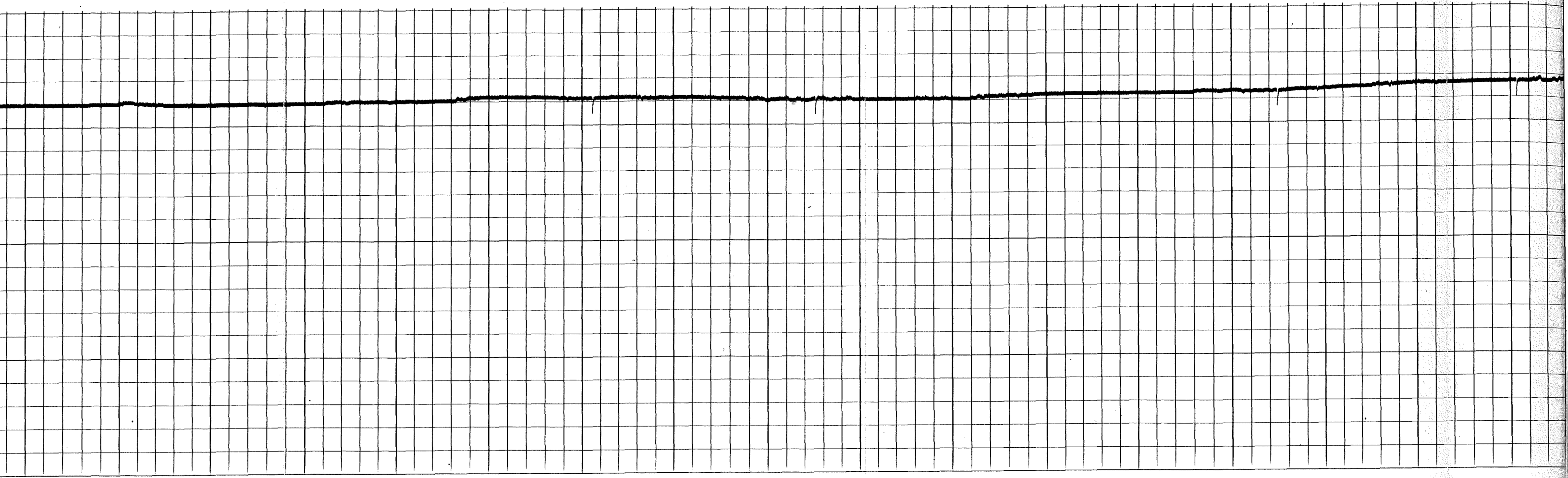
1800

1900

2000

2100





2100

2200

2300

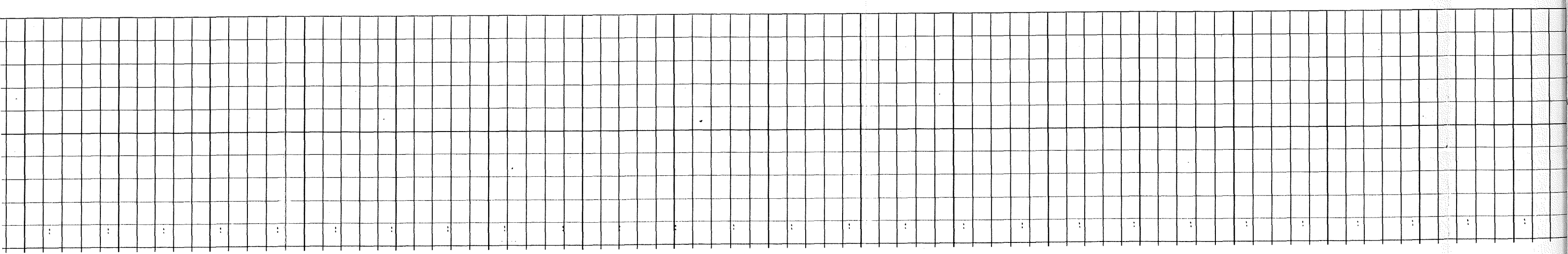
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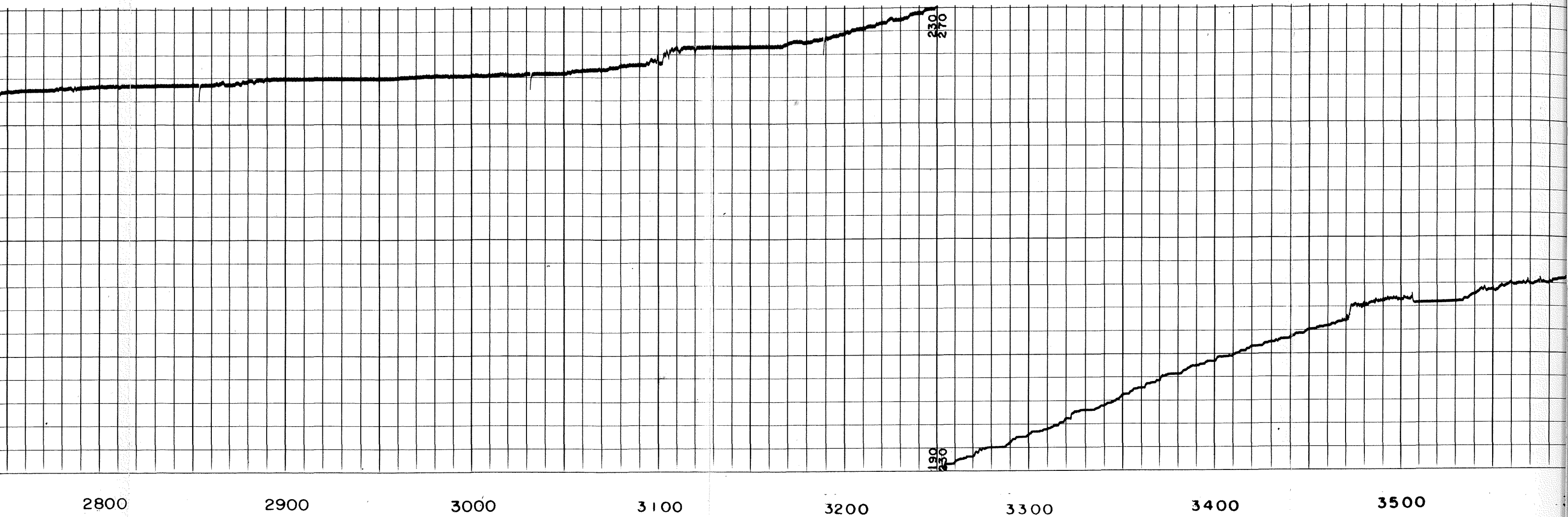
2500

2600

2700

2800





2800

2900

3000

3100

3200

3300

3400

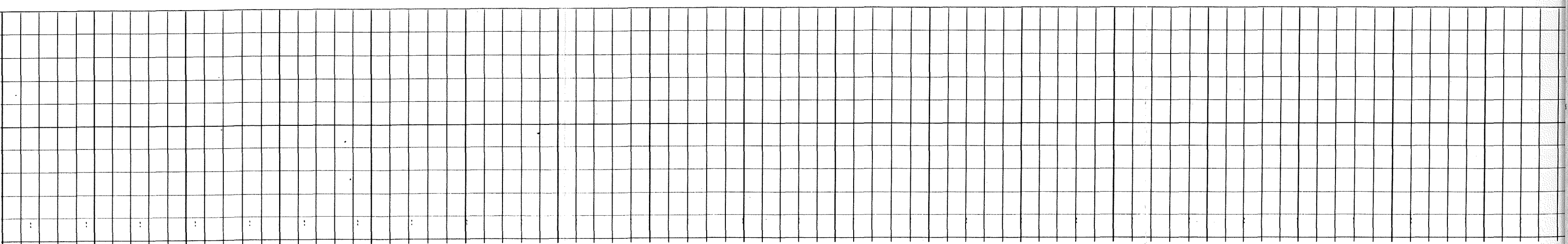
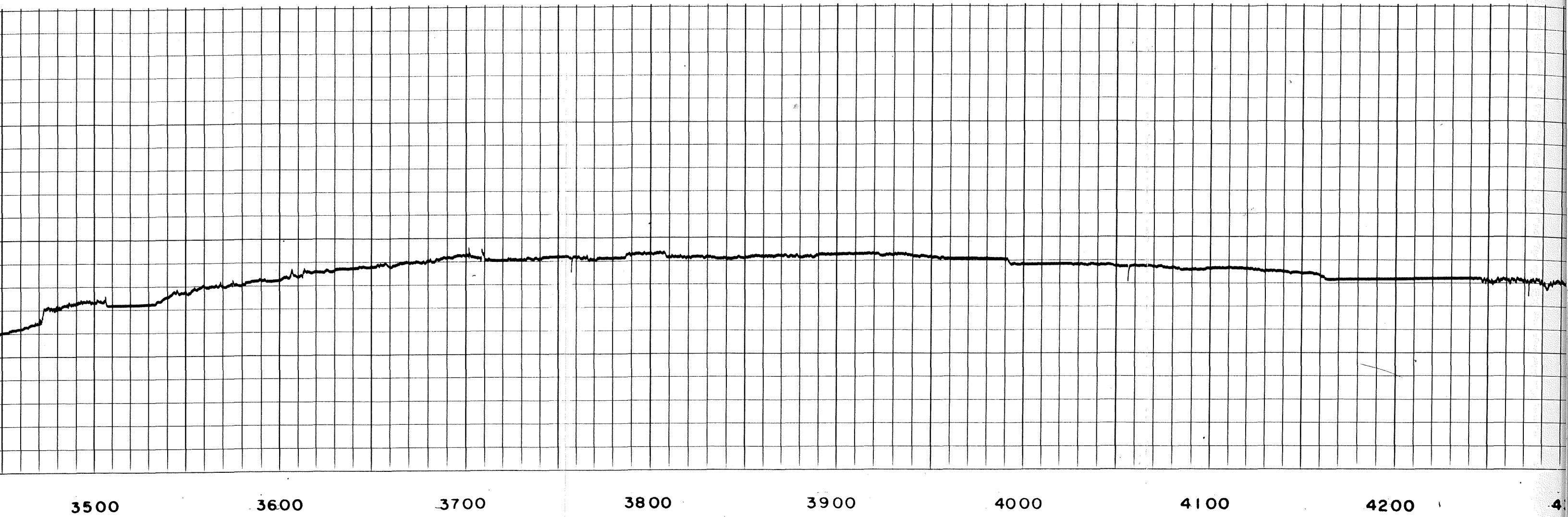
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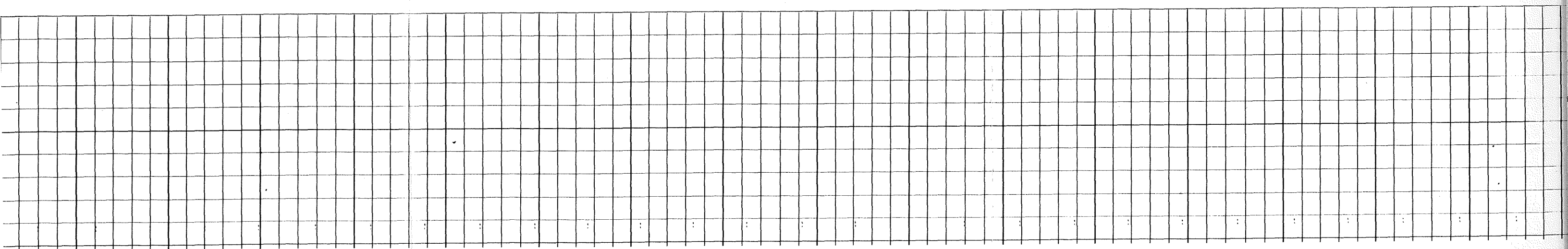
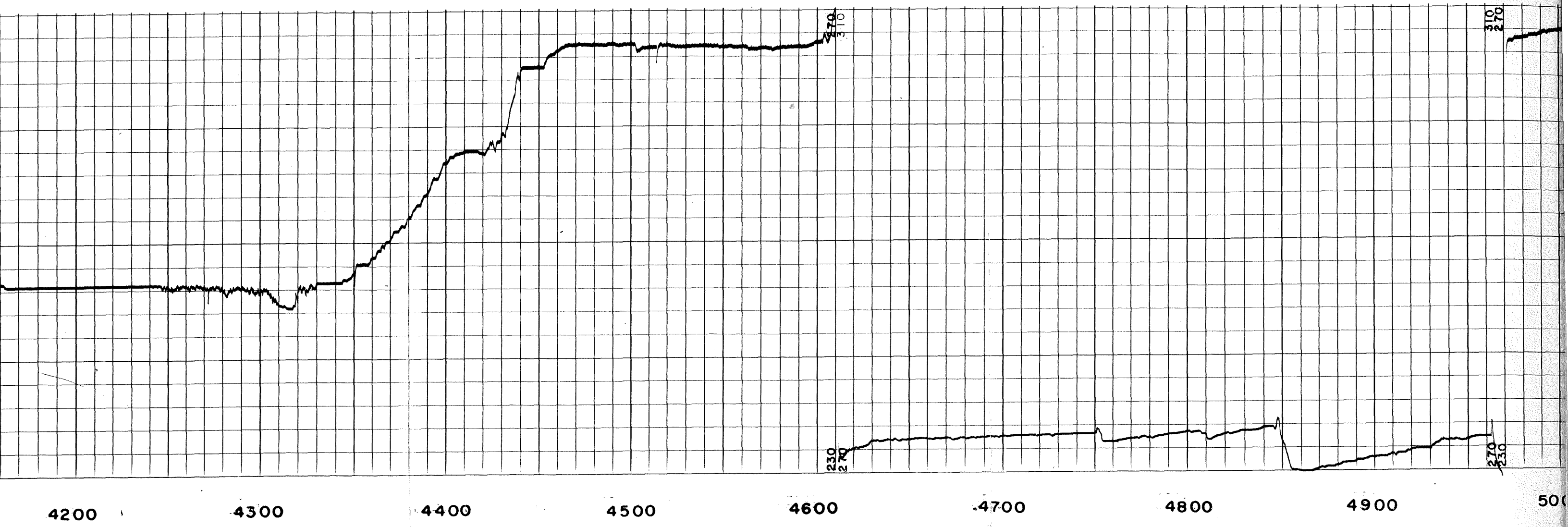
190

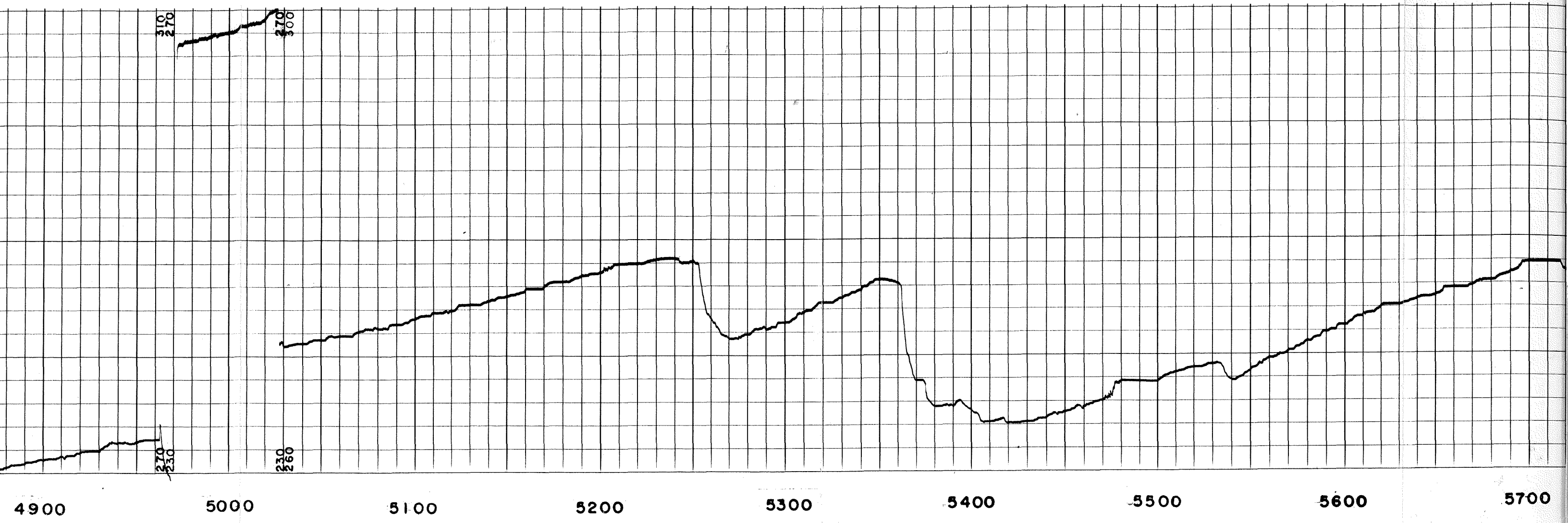
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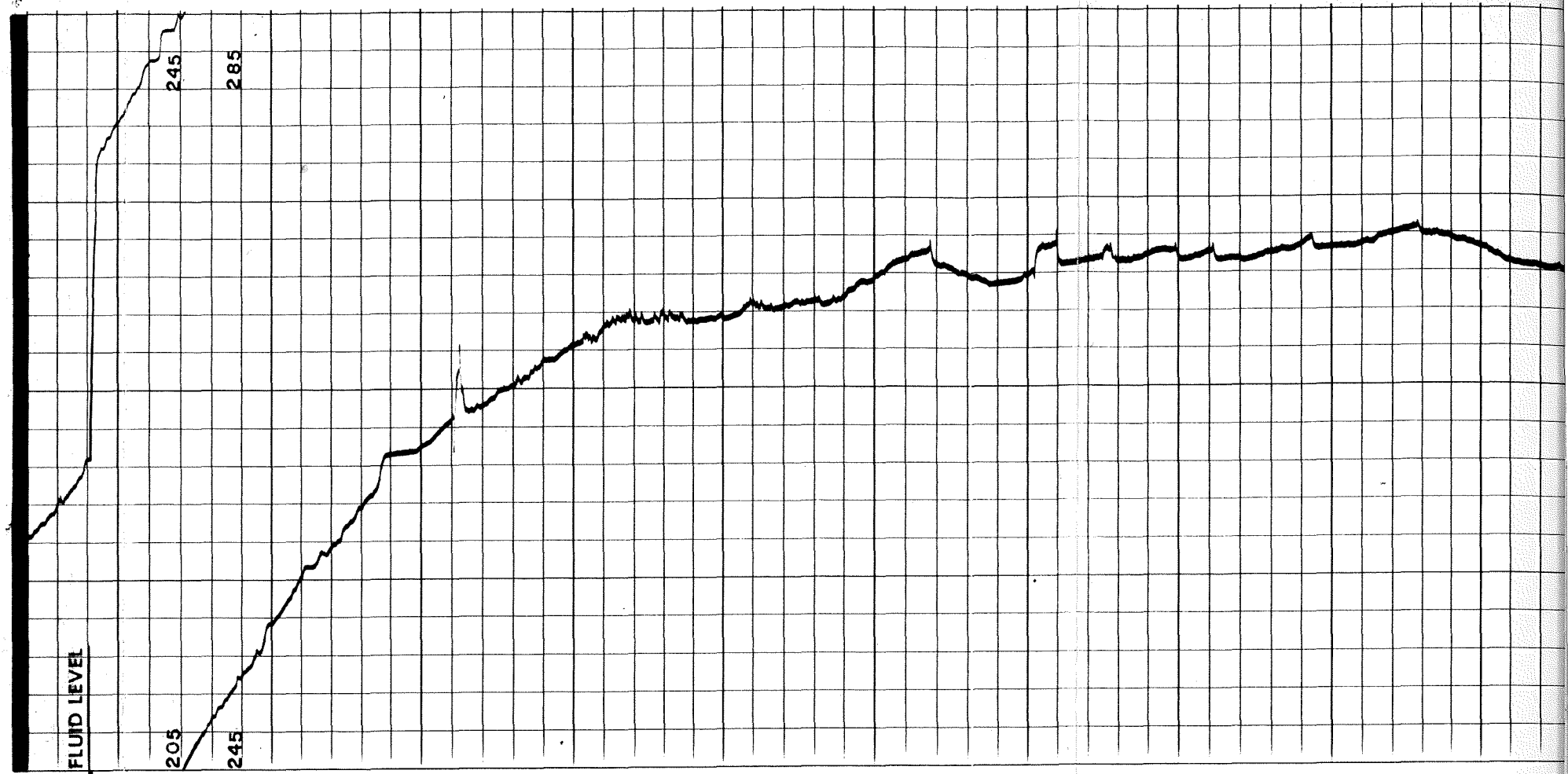
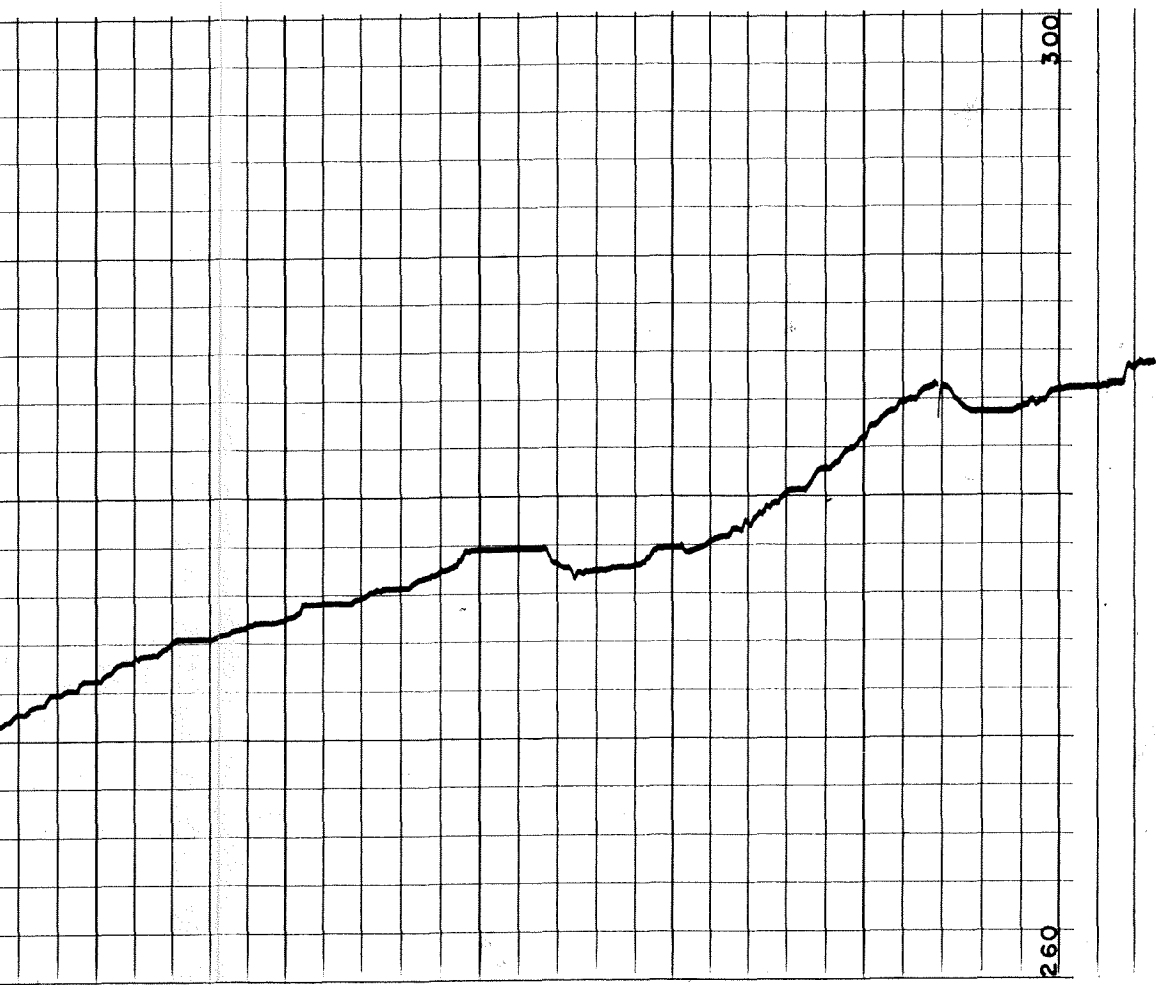
270

290









5600

5700

5800

Run 2



Run 3

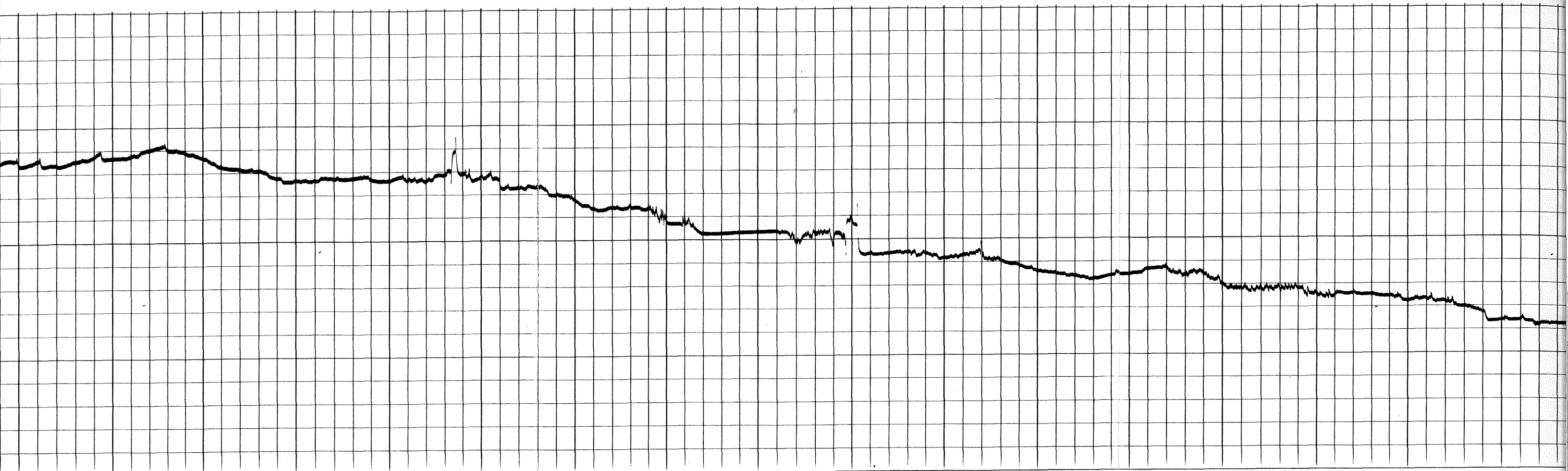
100

200

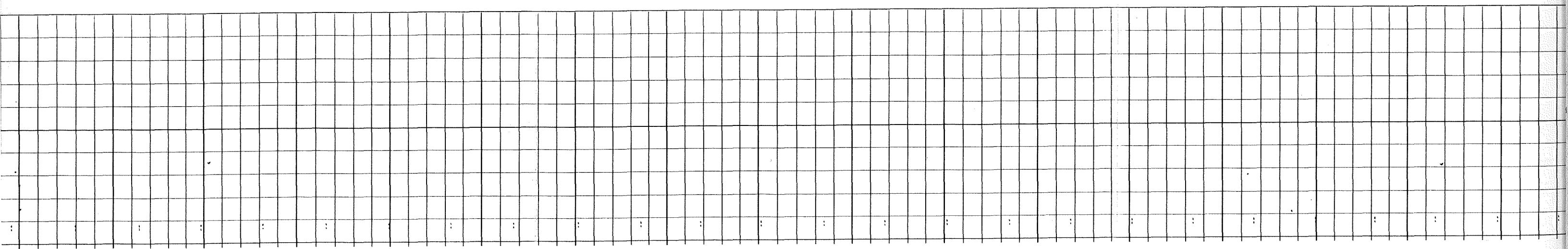
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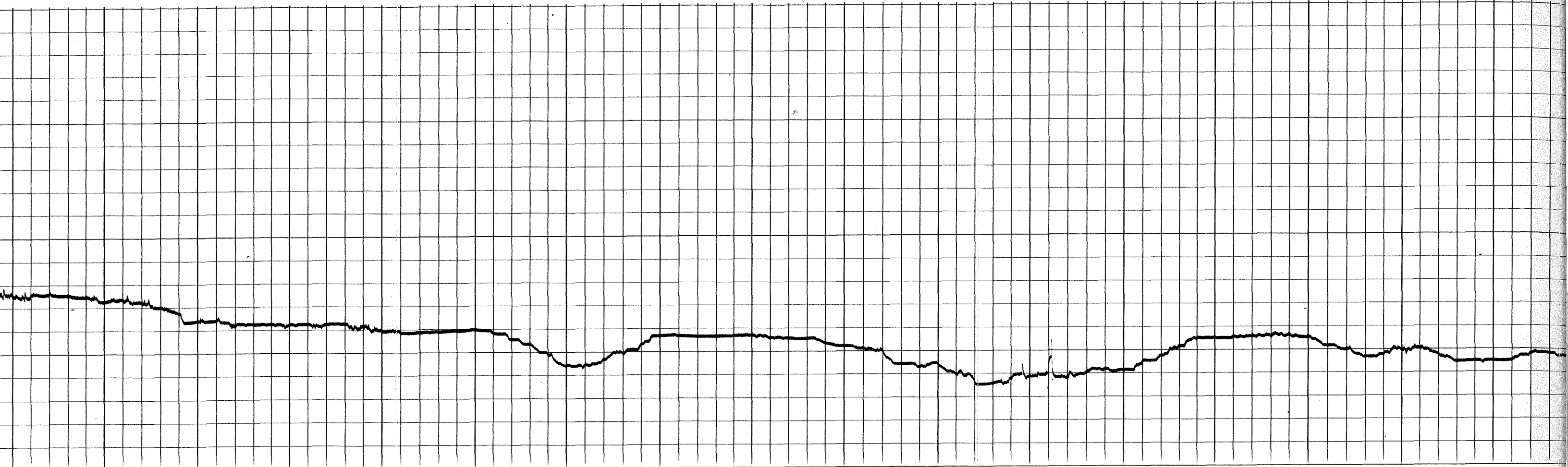
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500

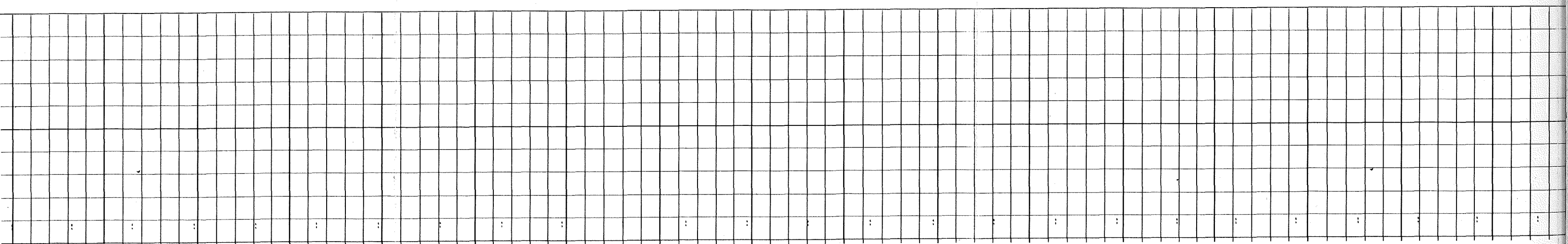


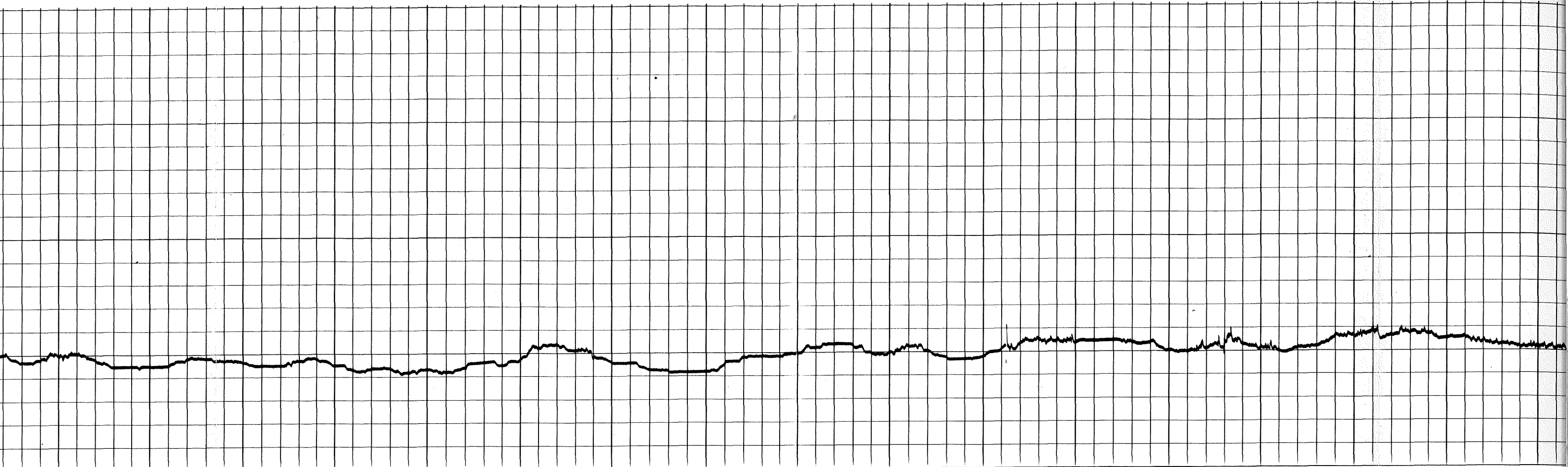
400 500 600 700 800 900 1000 1100 1200





100 1200 1300 1400 1500 1600 1700 1800 1900





1900

2000

2100

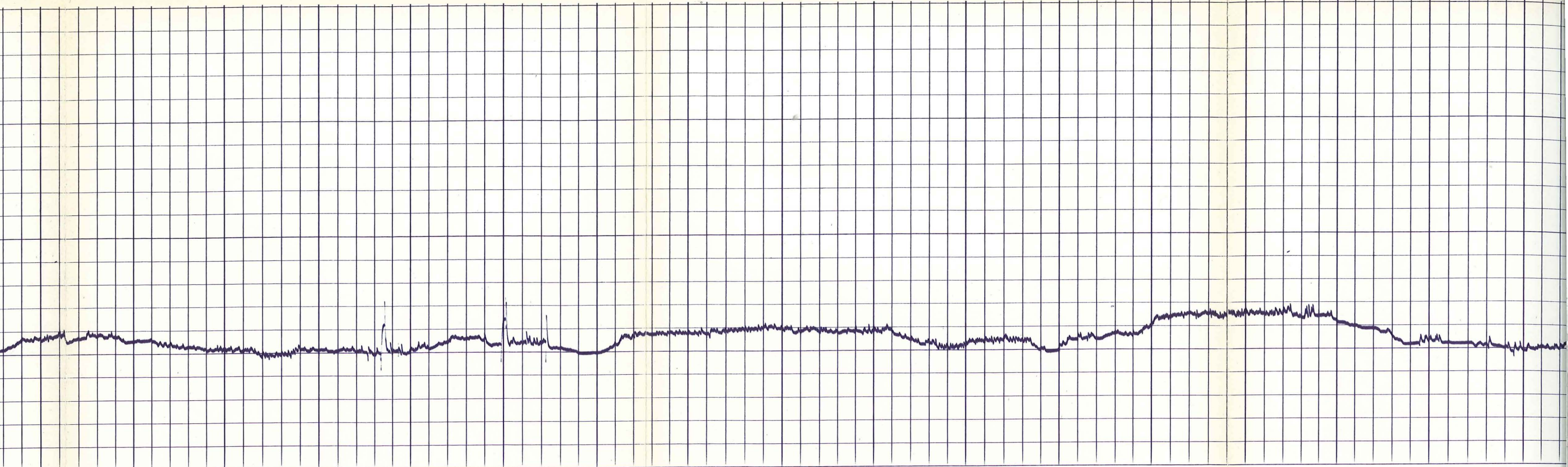
2200

2300

2400

2500

2600



2600

2700

2800

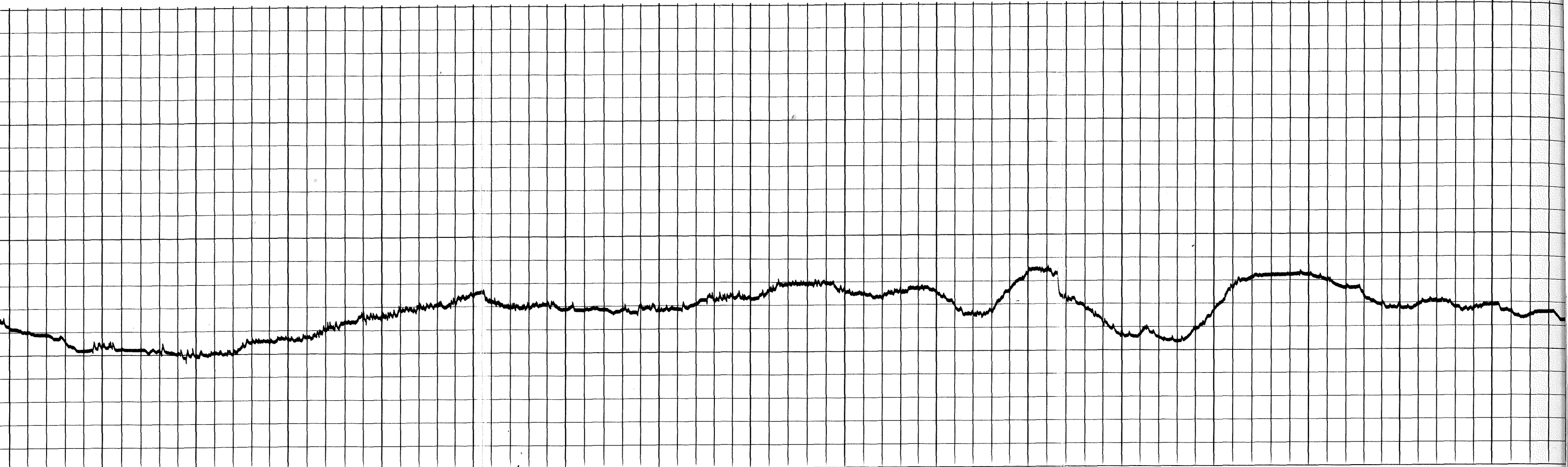
2900

3000

3100

3200

3300



3300

3400

3500

3600

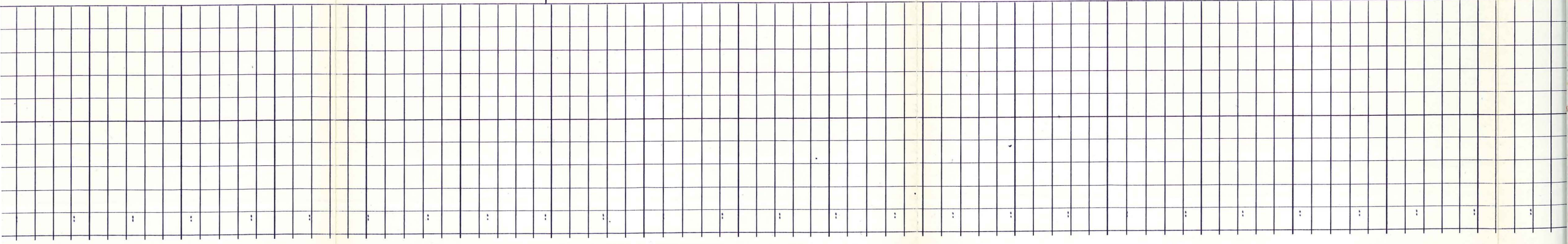
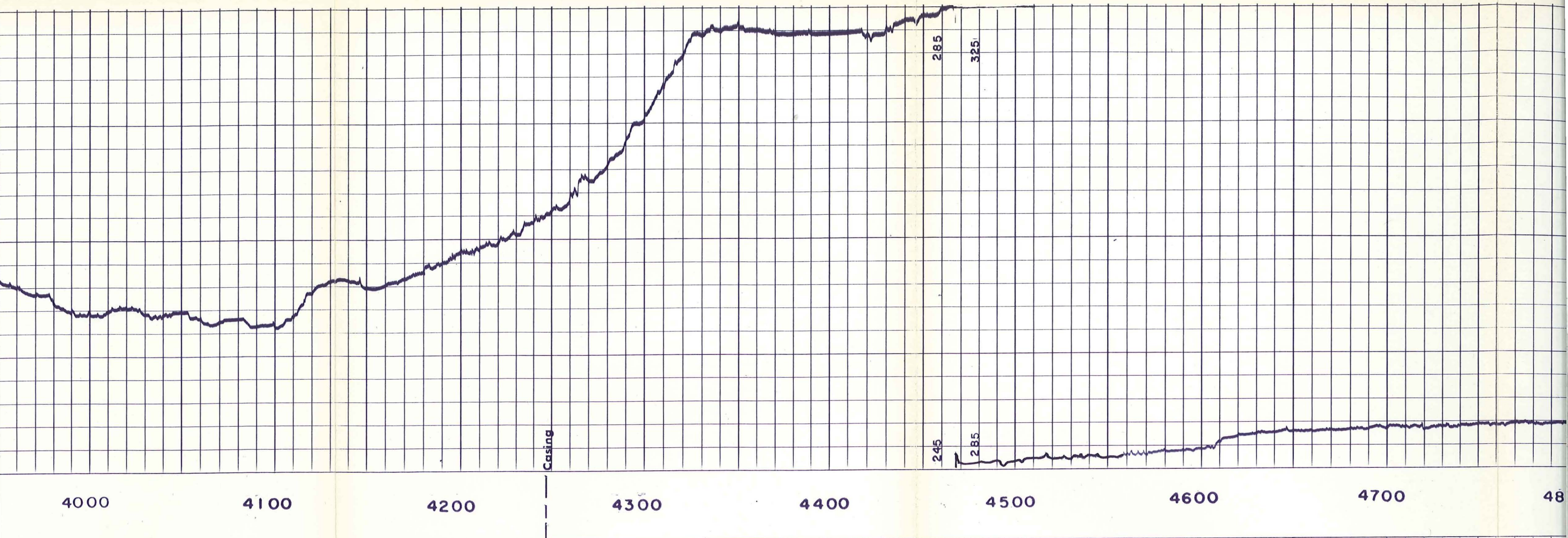
3700

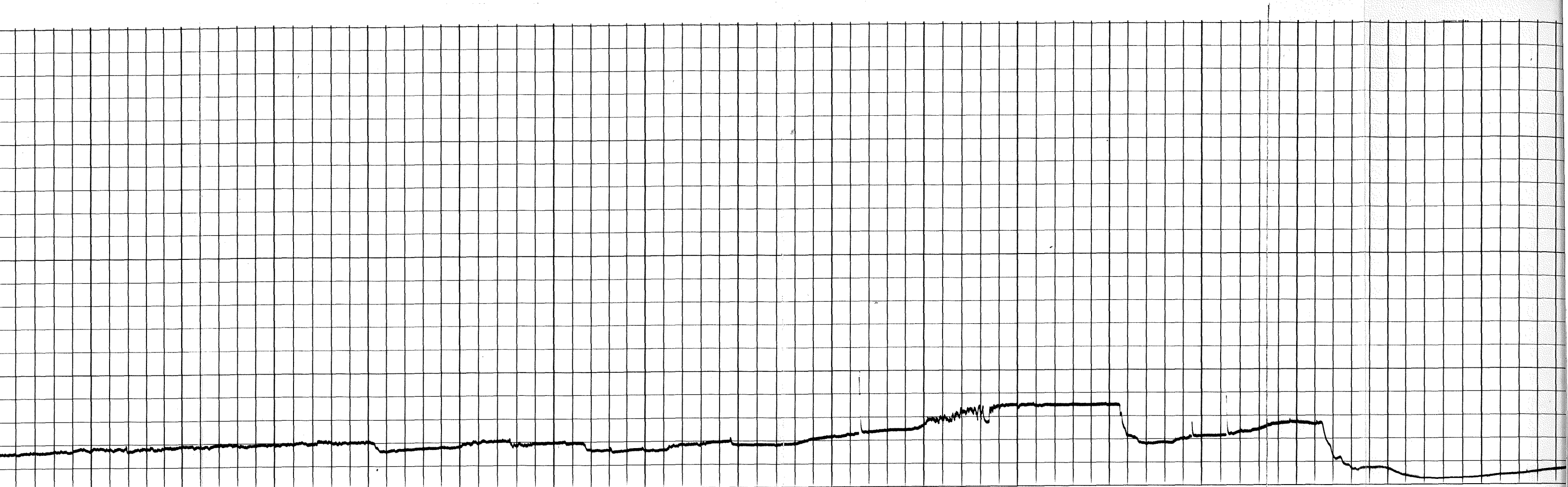
3800

3900

4000

4





4700

4800

4900

5000

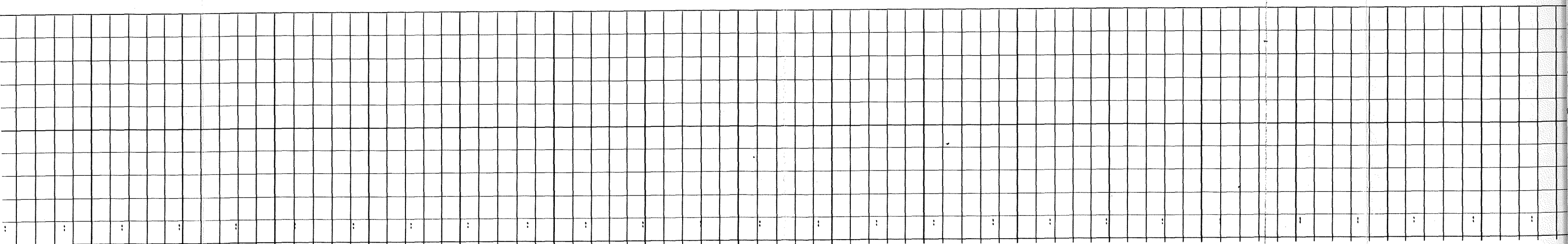
5100

5200

5300

5400

5500

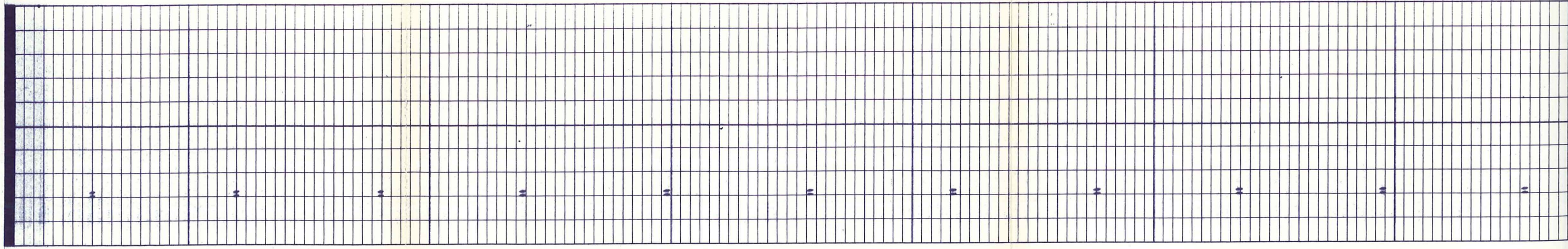


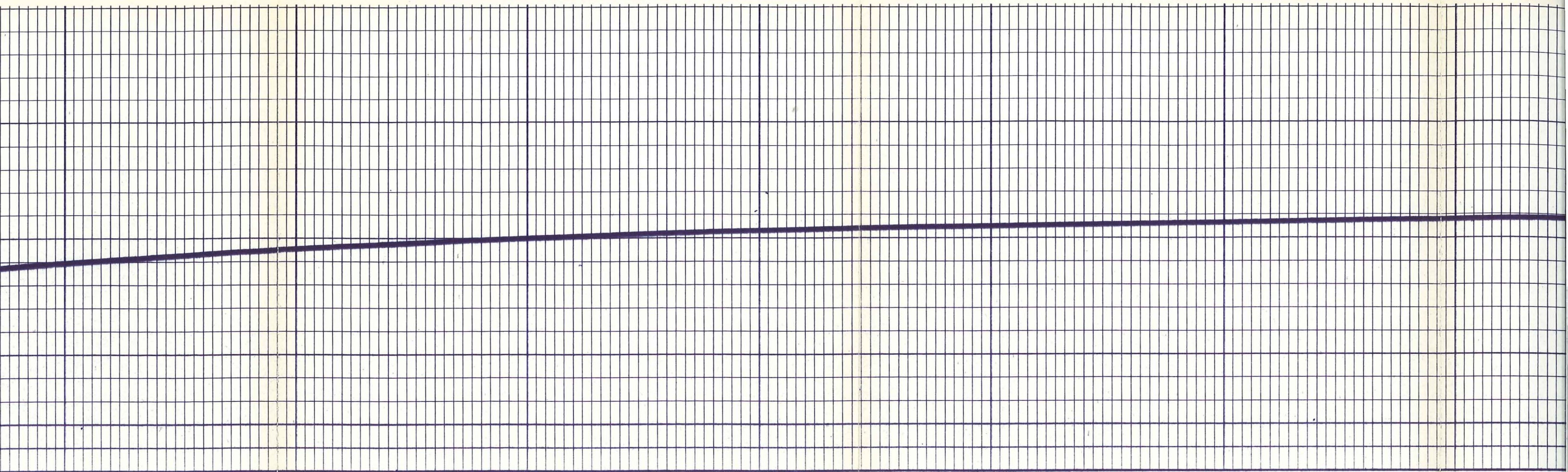
181
185
85

100

200

300



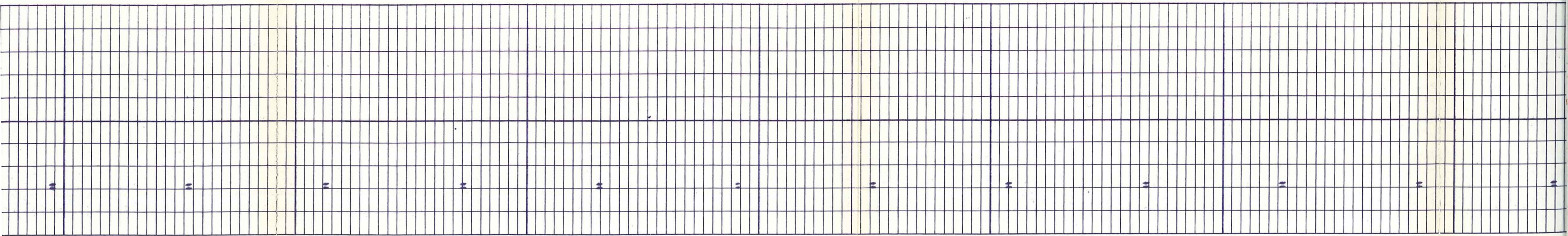


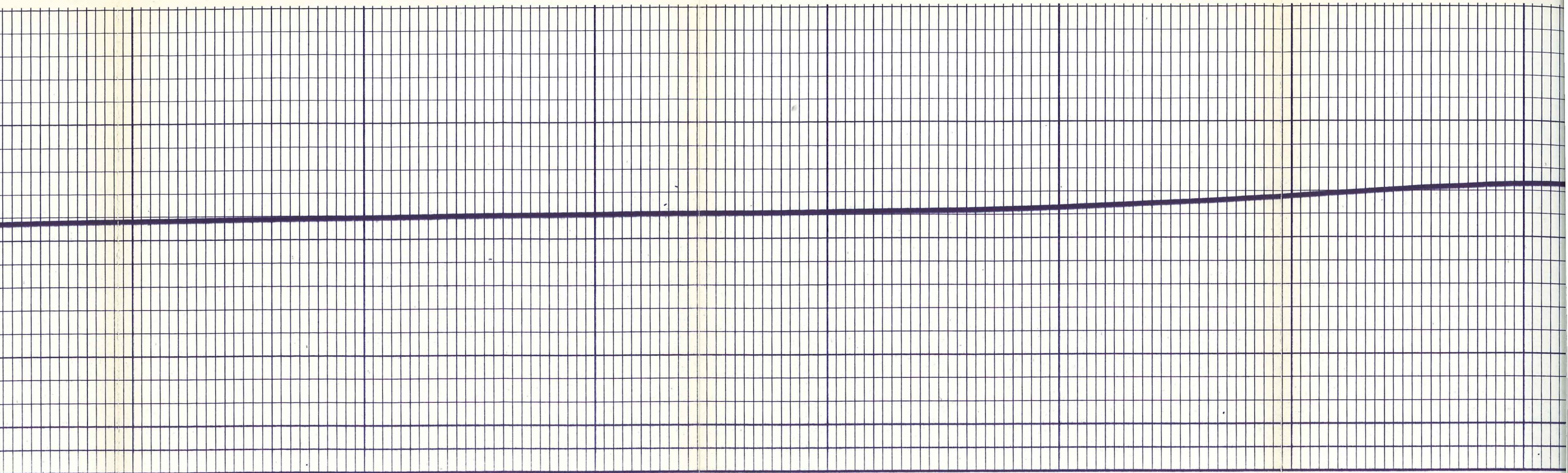
300

400

500

600



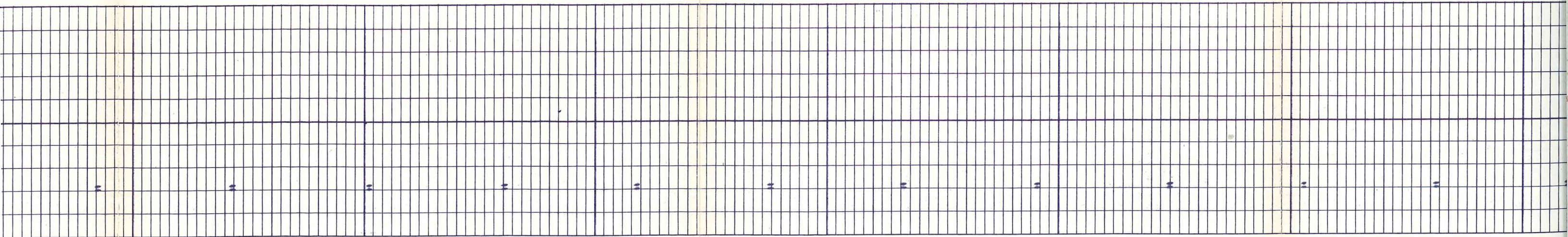


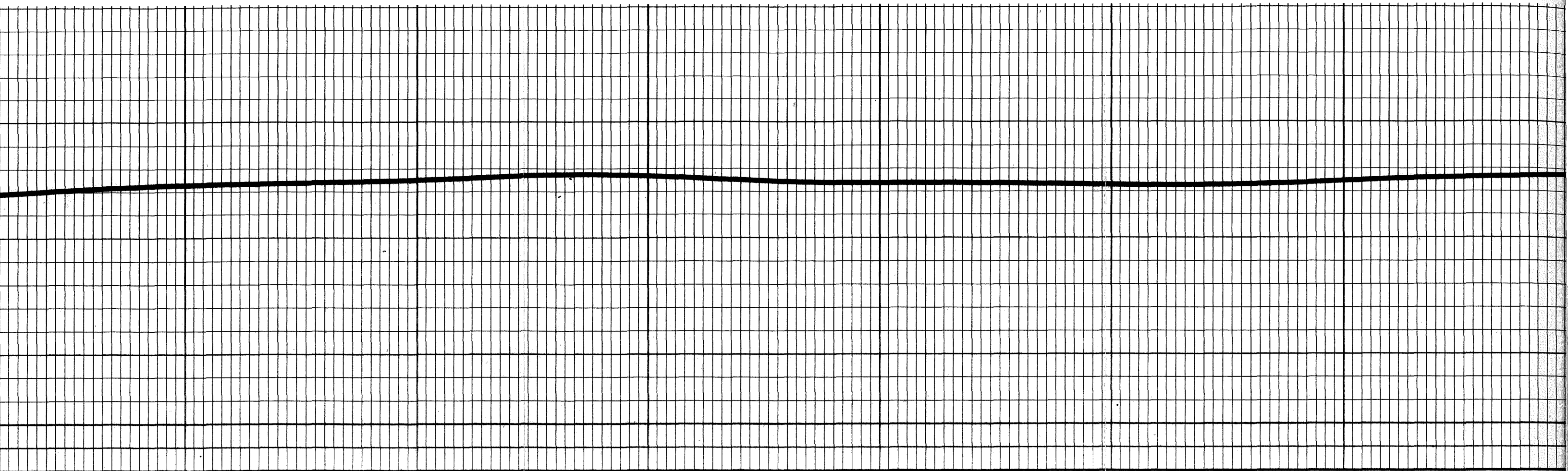
600

700

800

900

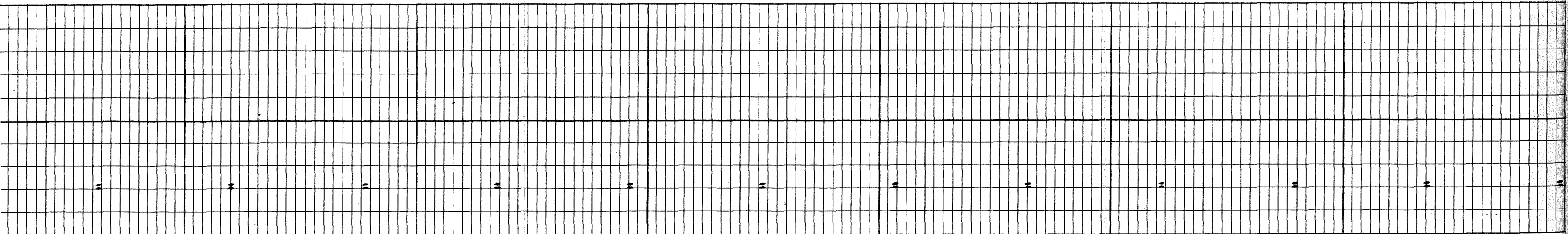


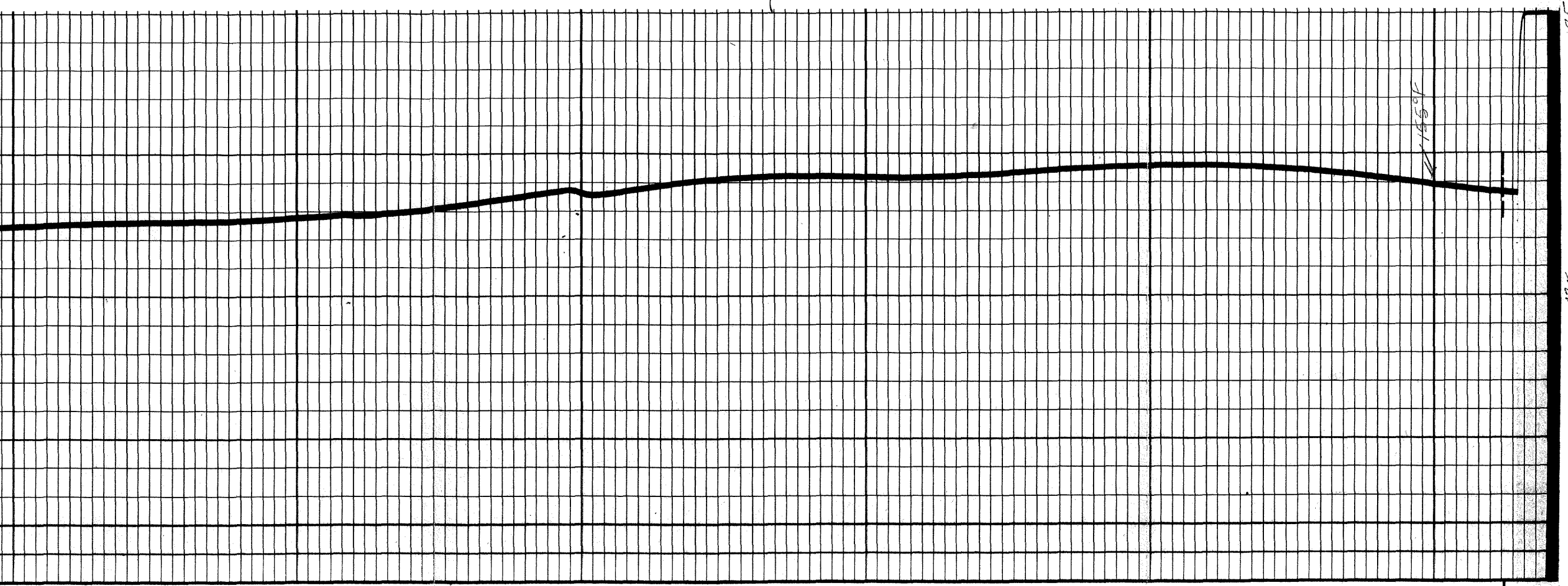


900

1000

1100





1200

1300

1400 Run 1

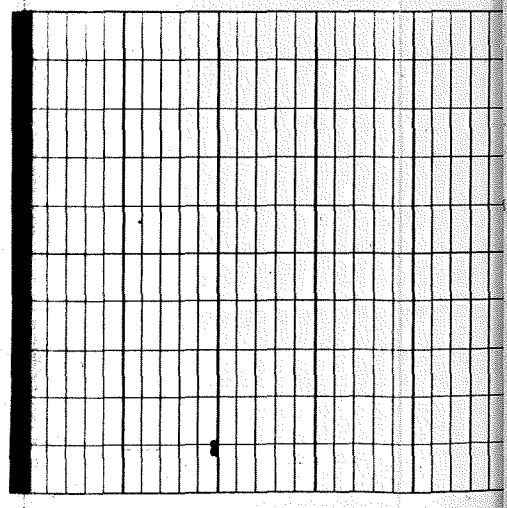
Run 2

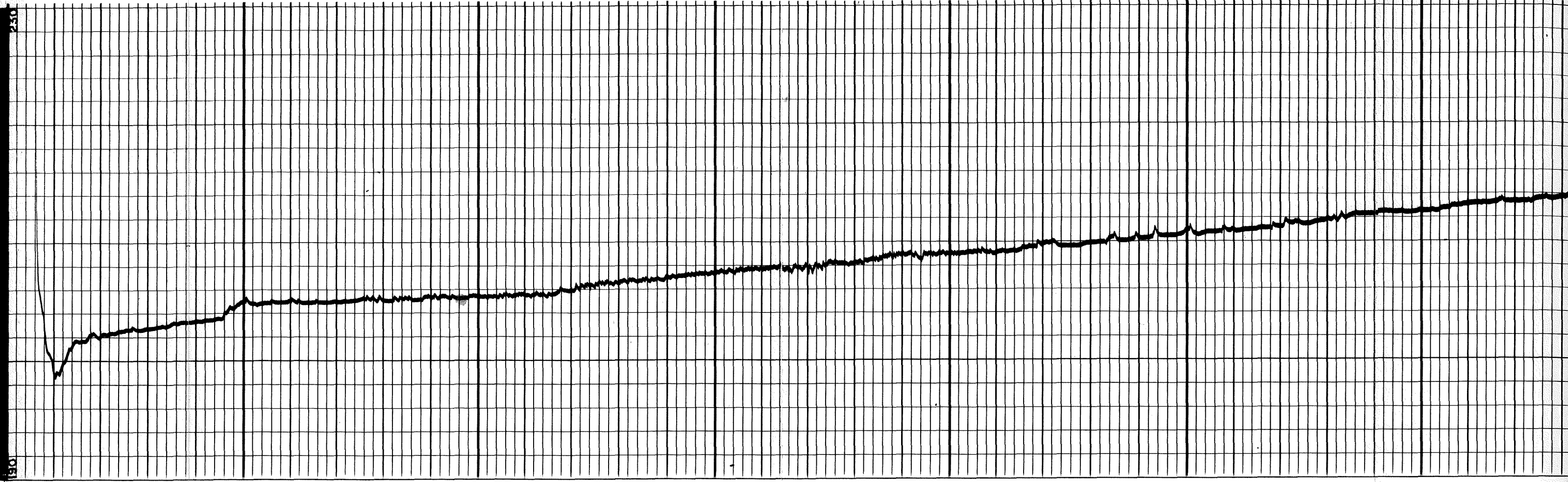
185

135

230

190



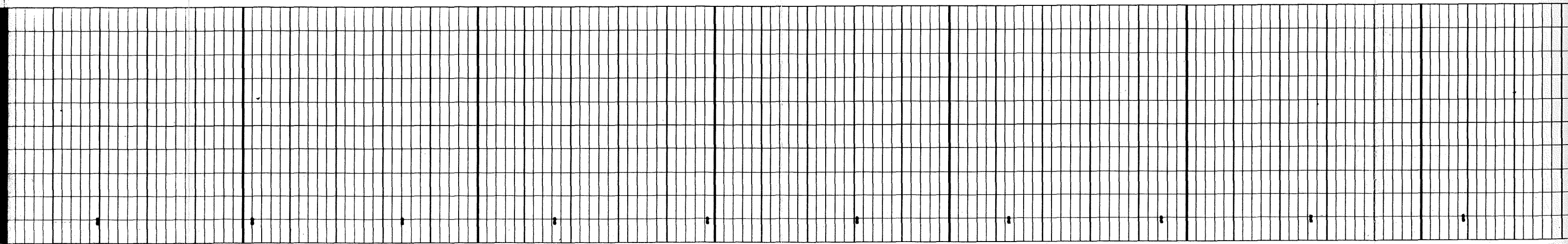


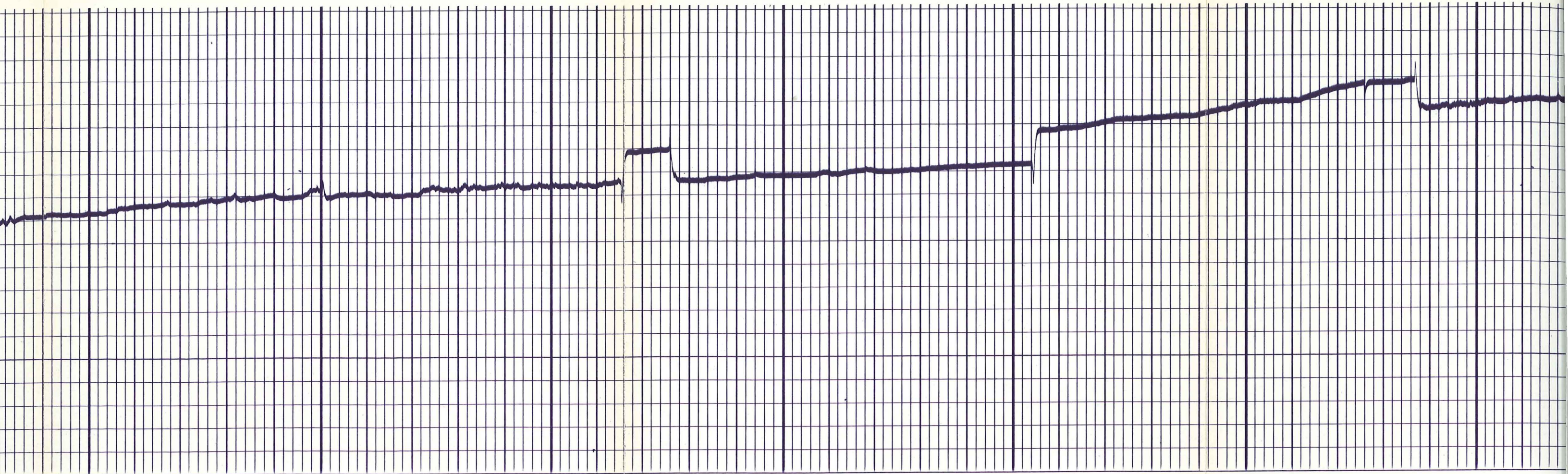
Run 2

100

200

300



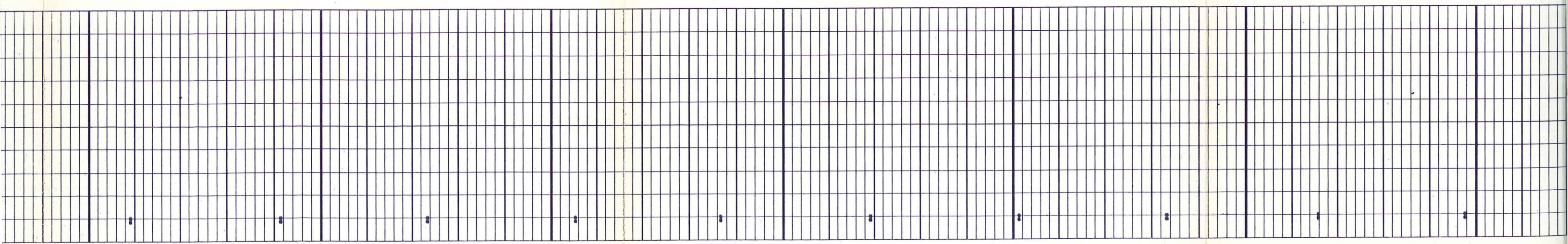


300

400

500

600



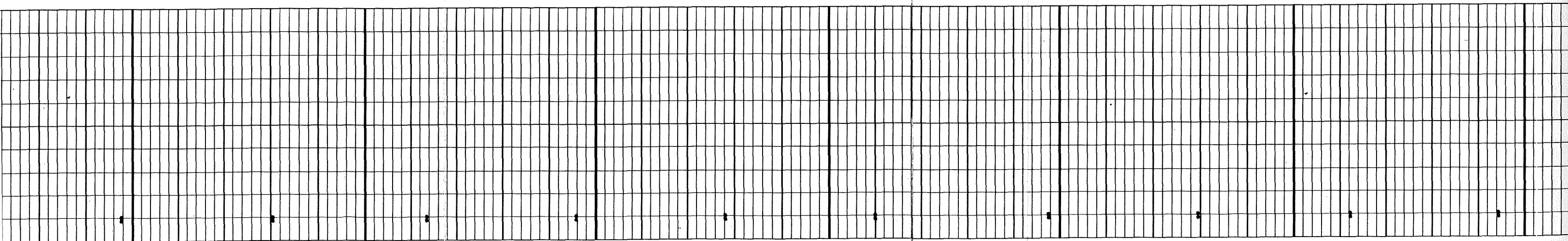


600

700

800

900



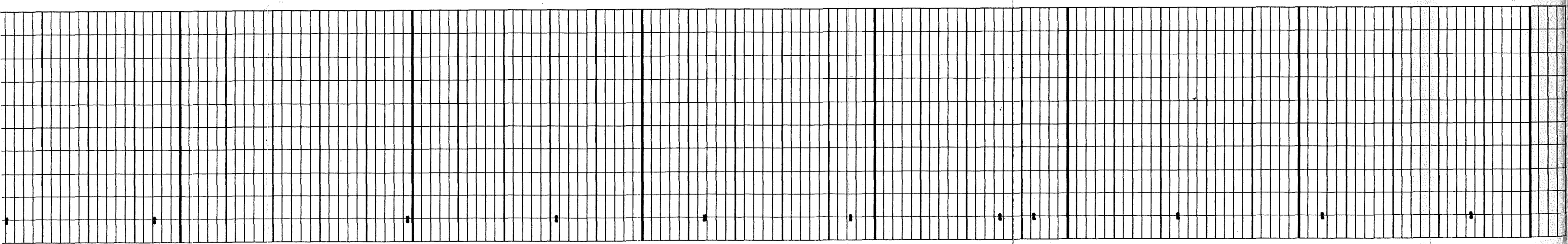


900

1000

1100

1200

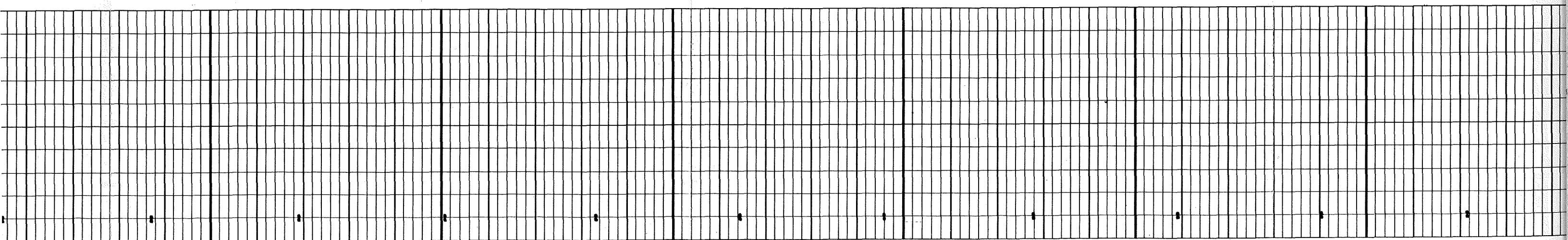


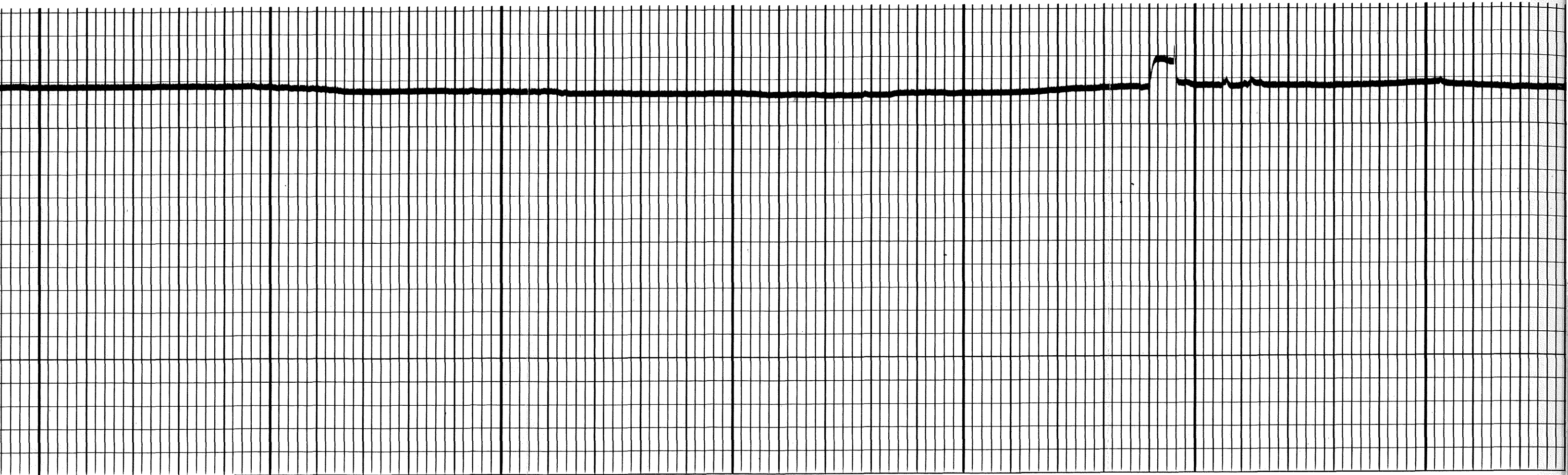


1200

1300

1400

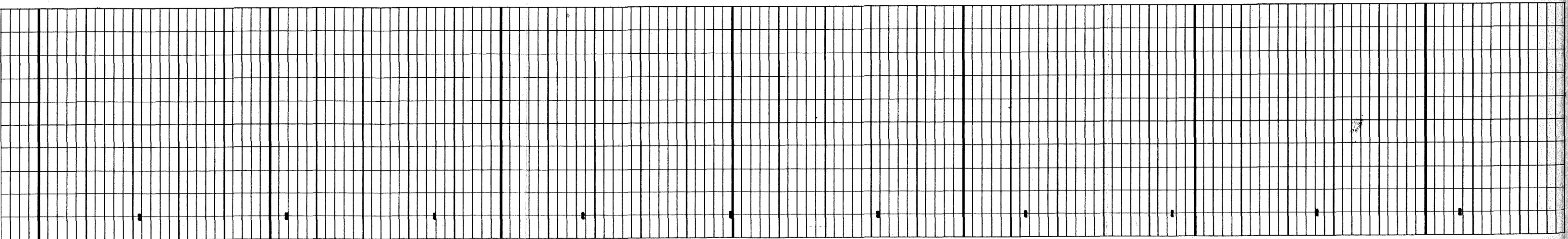




1500

1600

1700

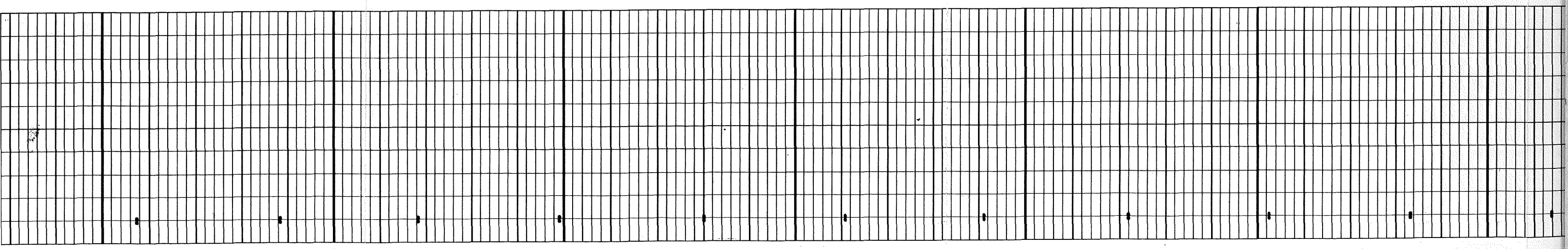


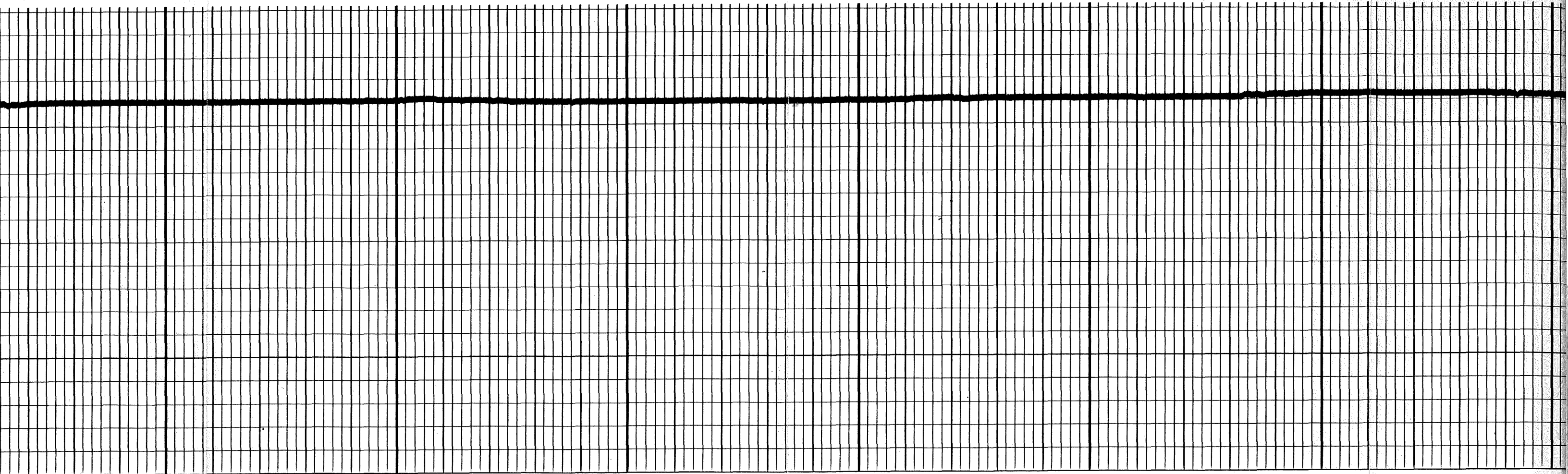


1800

1900

2000

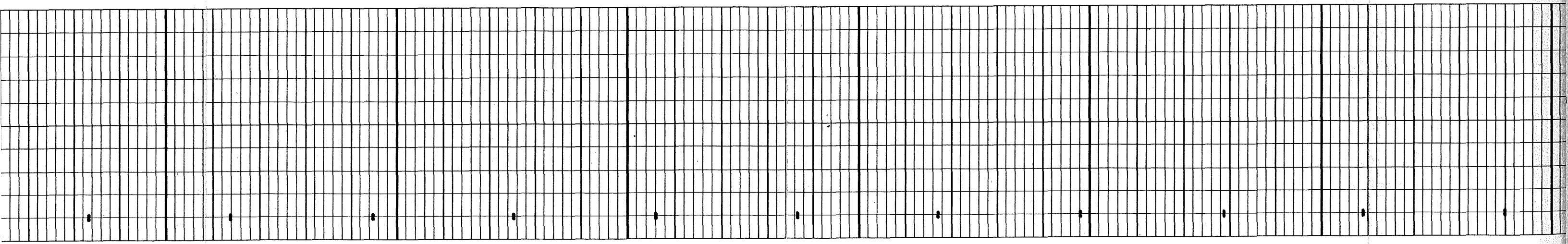


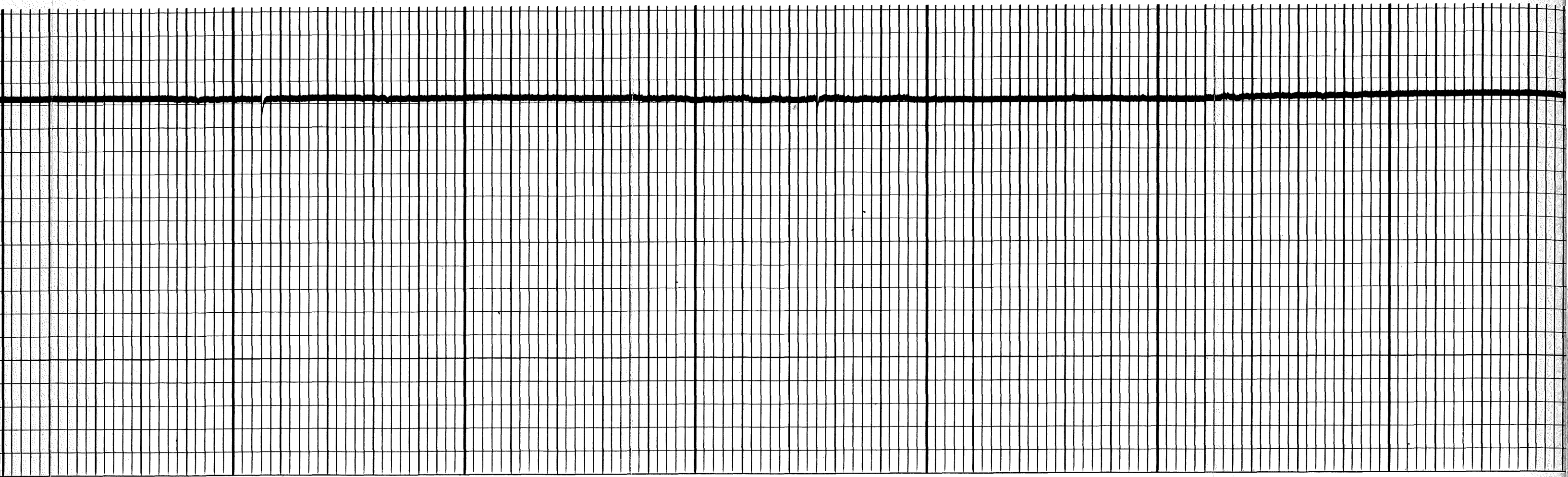


2100

2200

2300



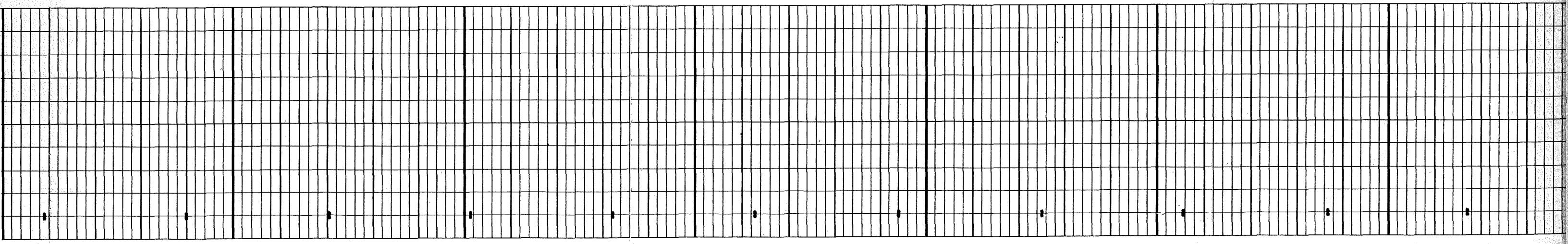


300

2400

2500

2600



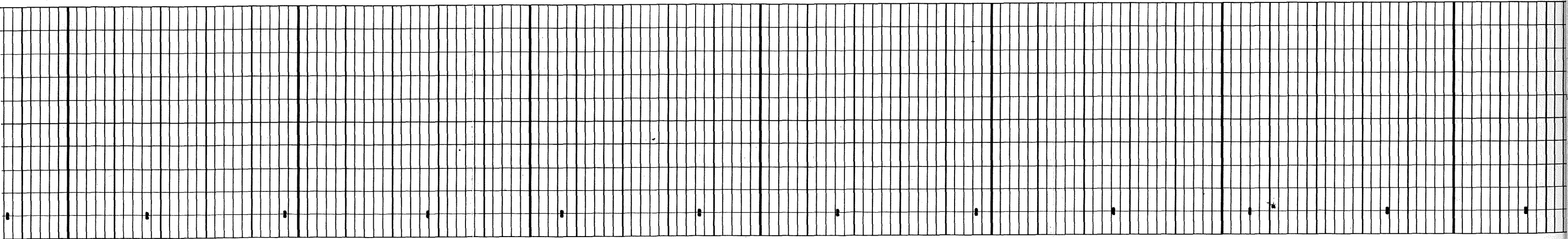


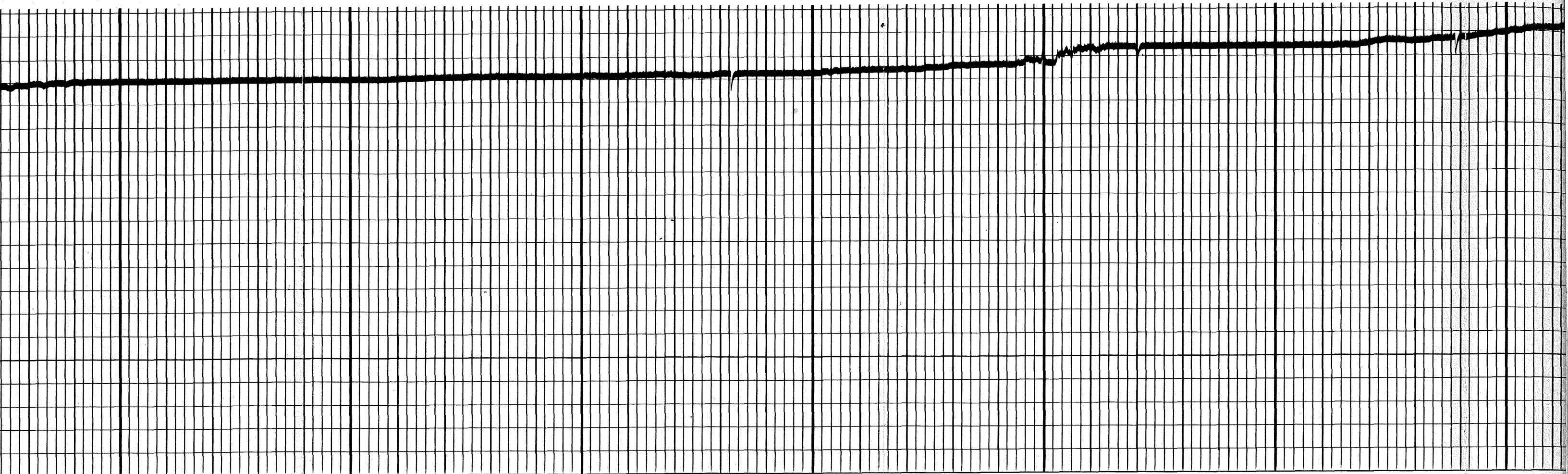
2600

2700

2800

2900



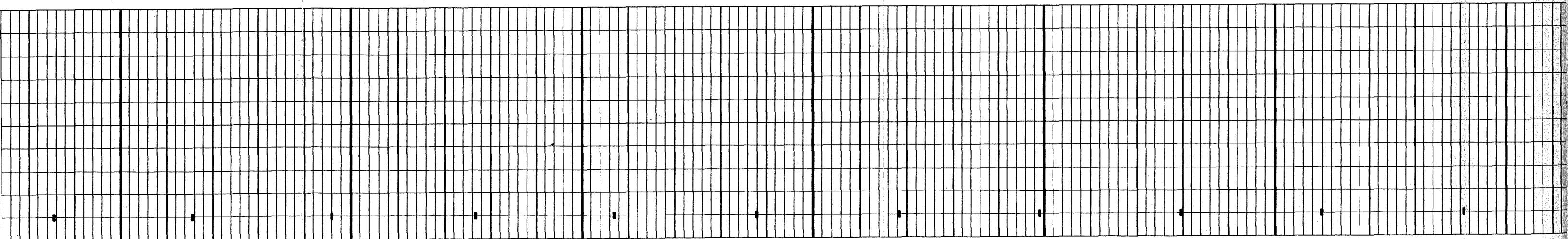


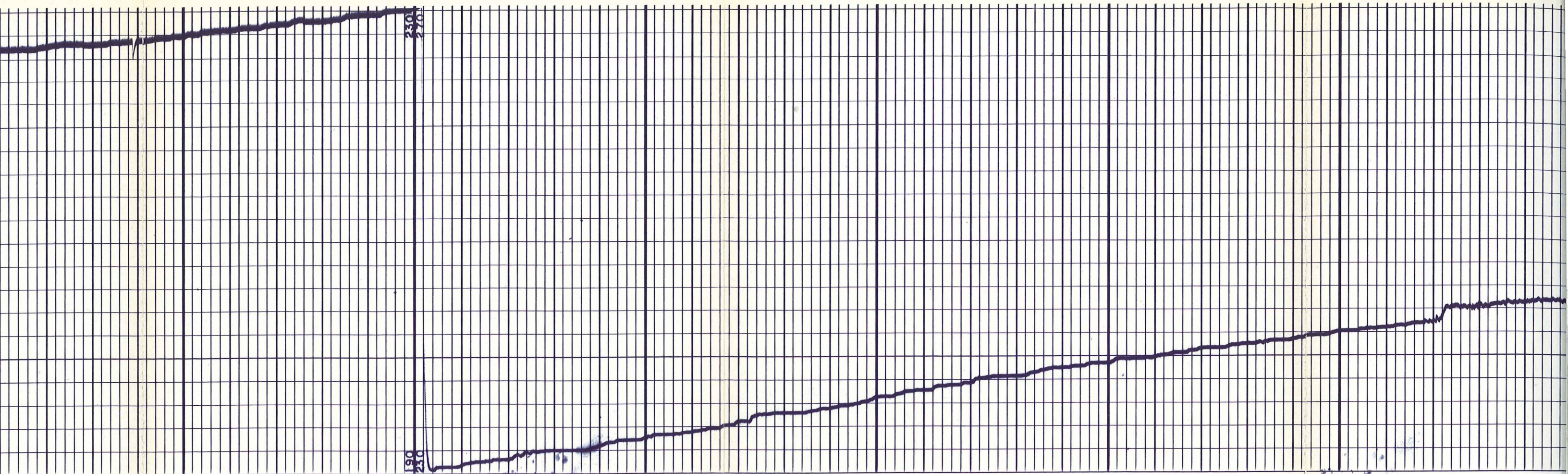
2900

3000

3100

3200



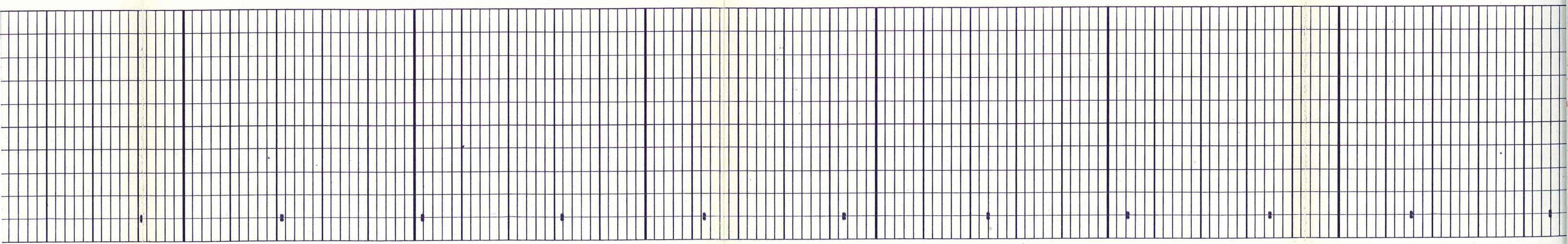


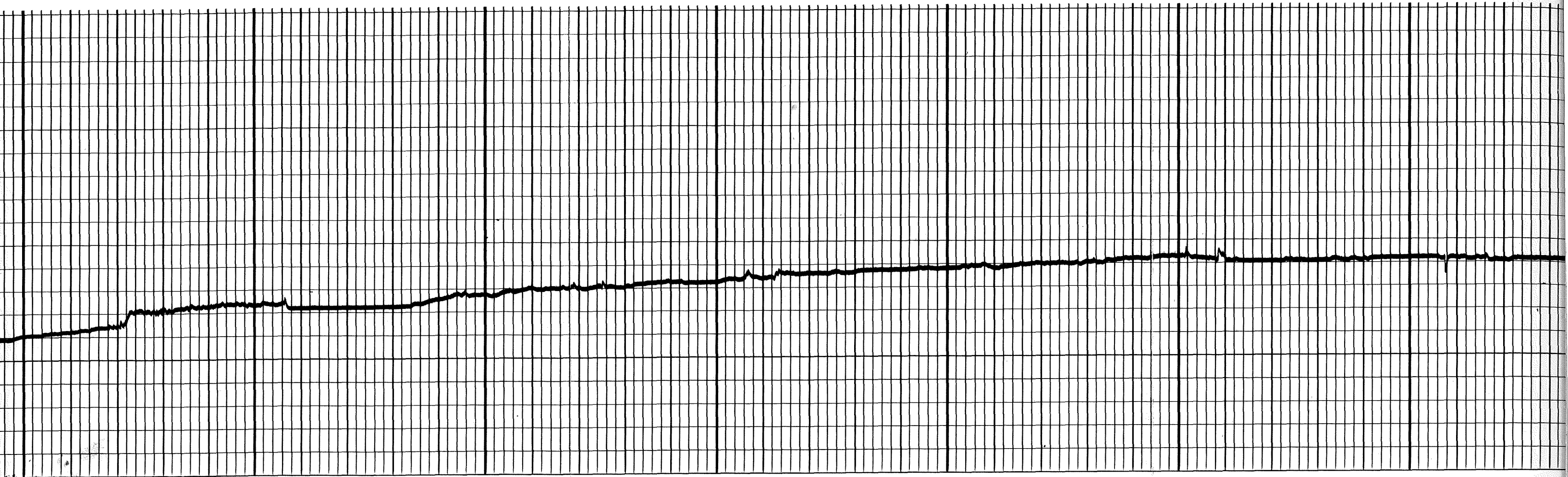
3200

3300

3400

35

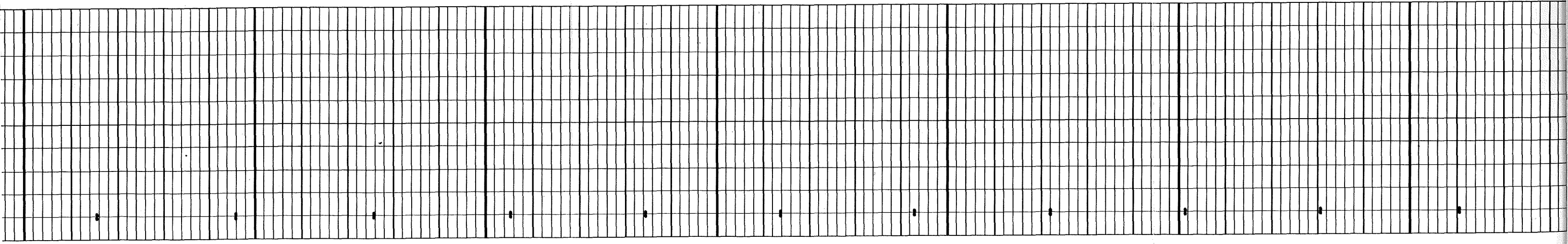




3500

3600

3700

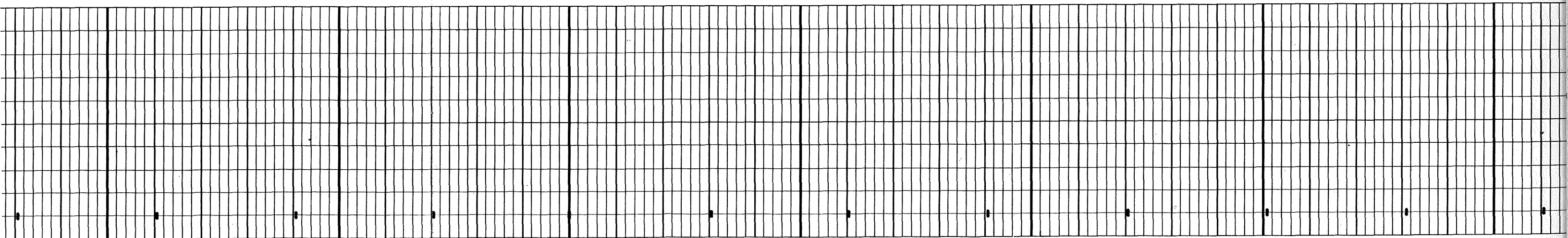


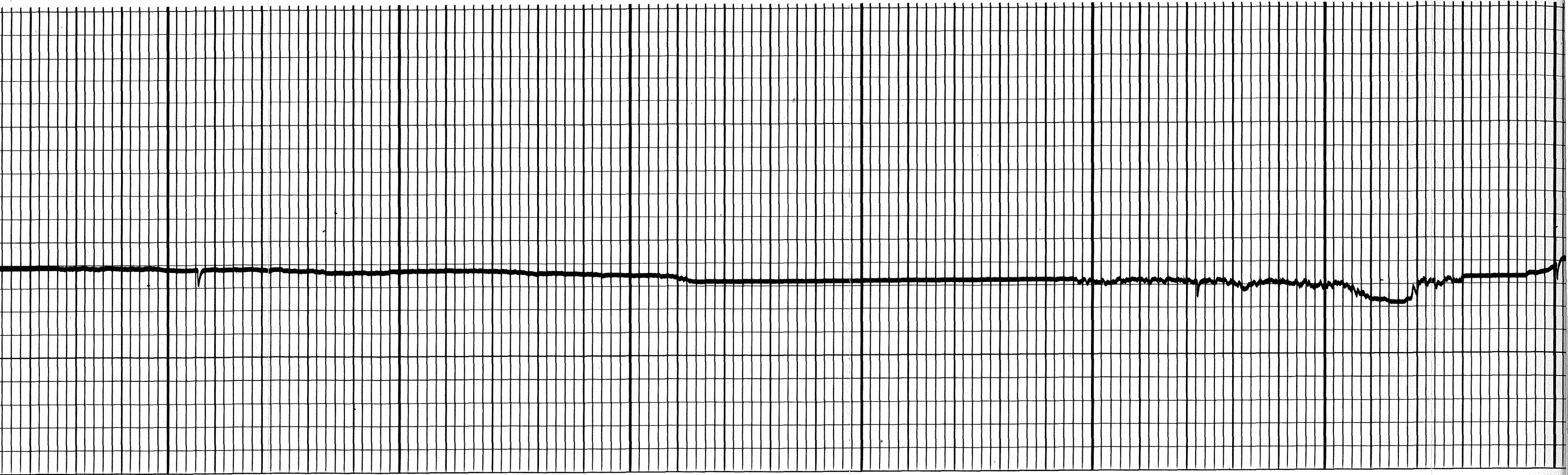


3800

3900

4000

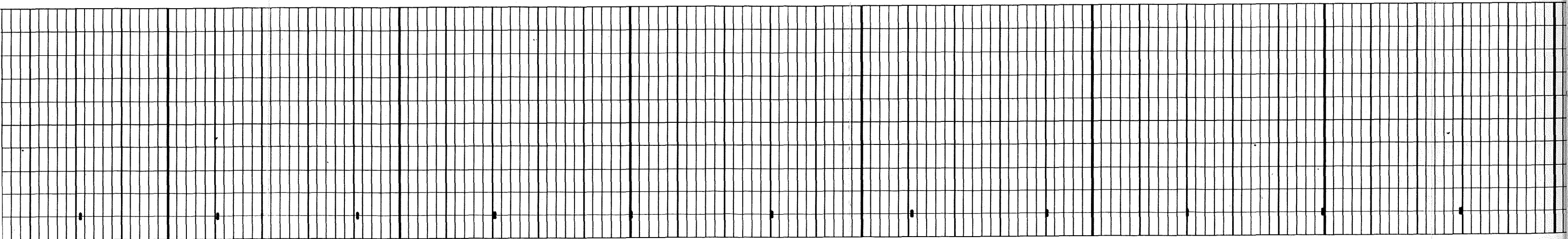


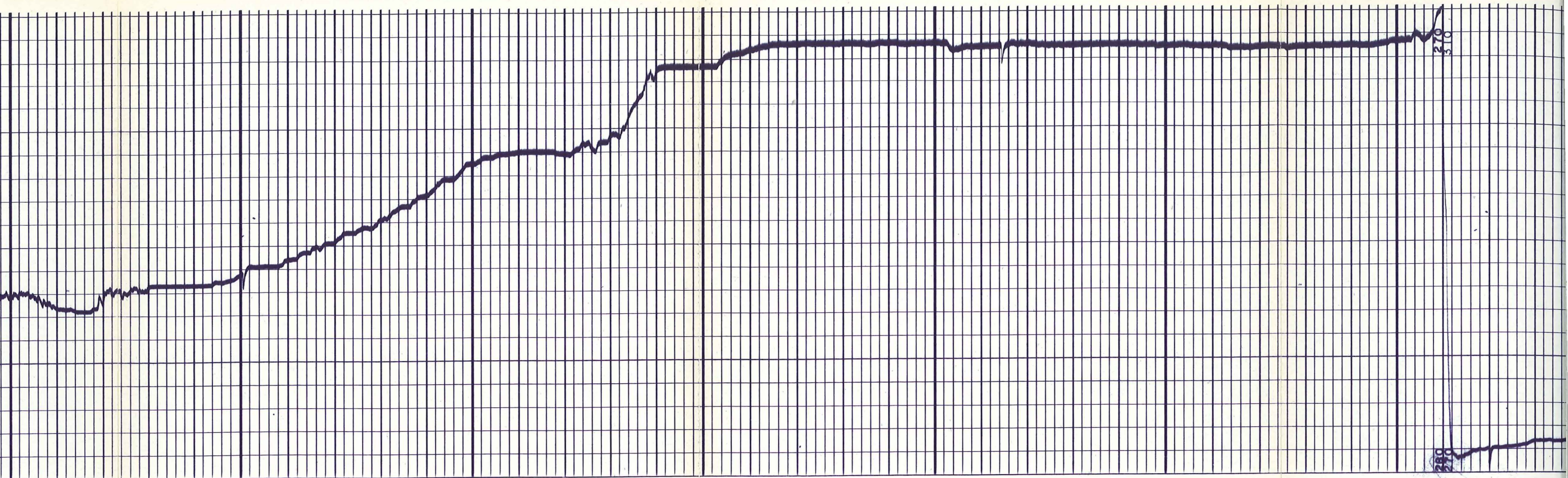


4100

4200

4300





300

4400

4500

4600

370

370

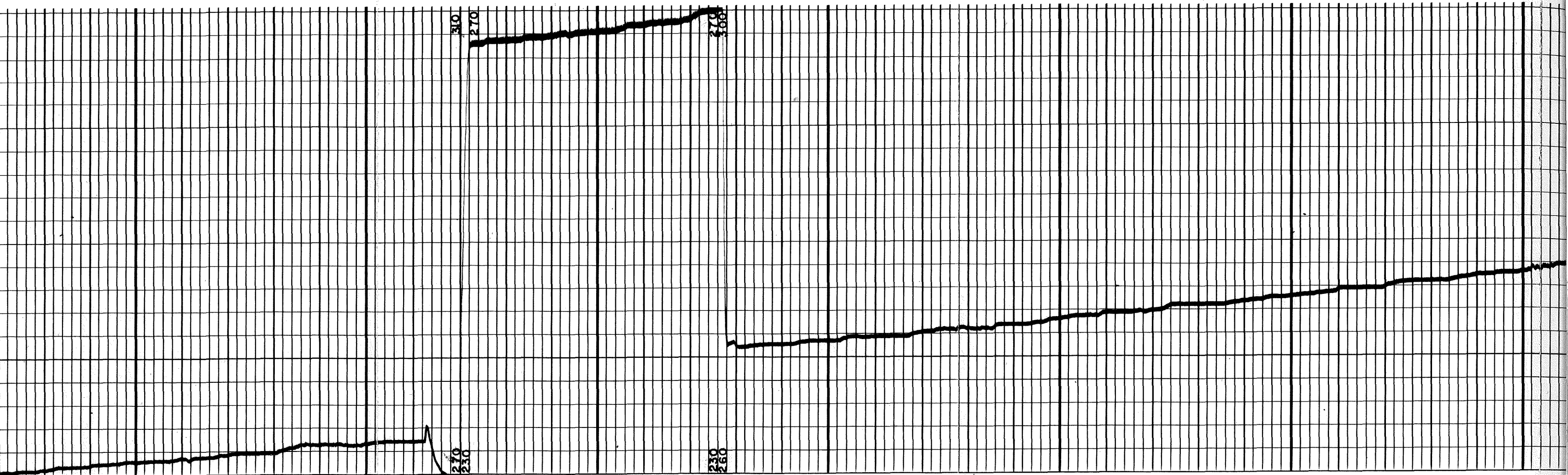


4600

4700

4800

4900

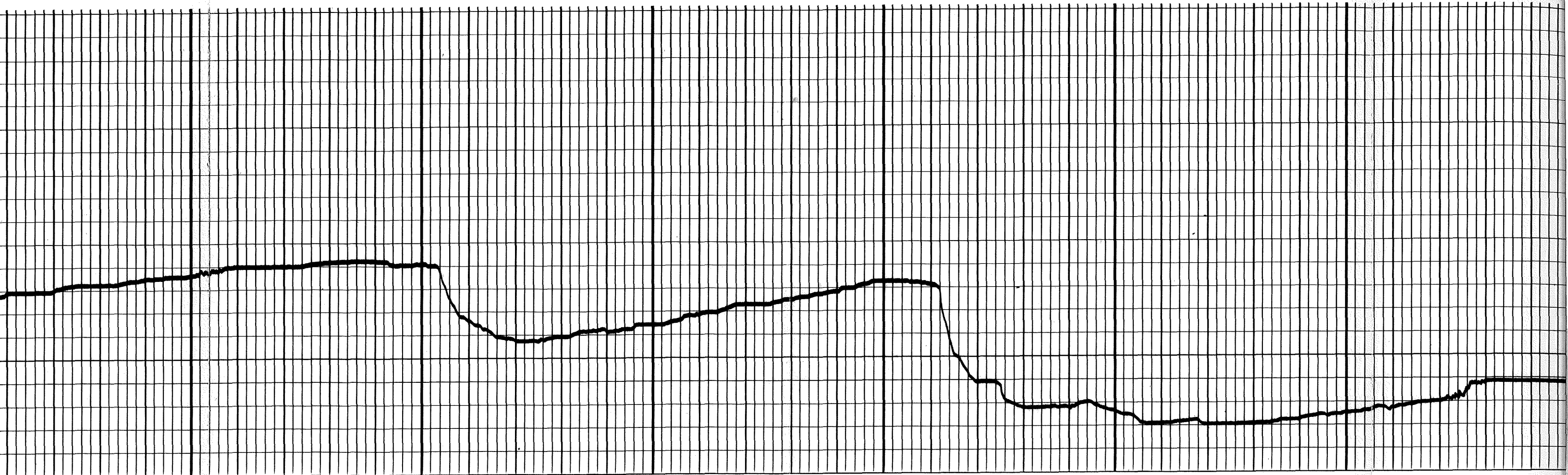


4900

5000

5100

5200

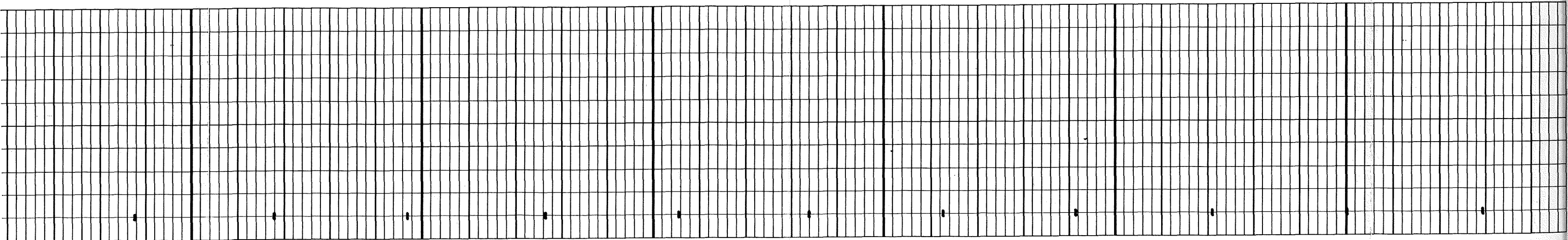


5200

5300

5400

5

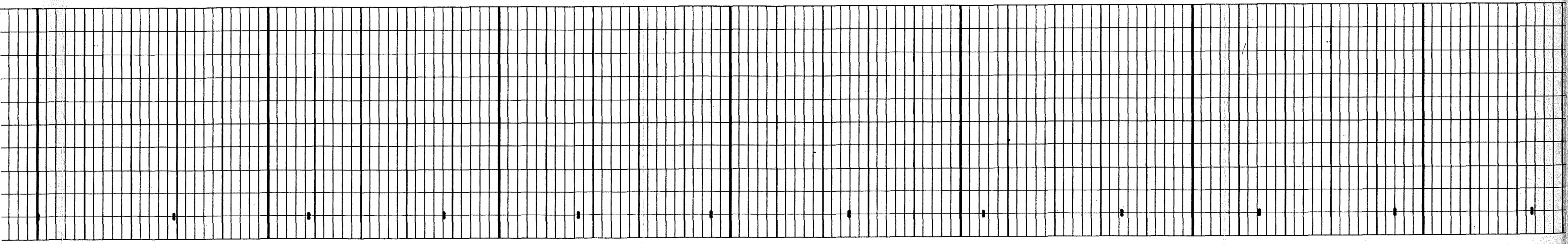


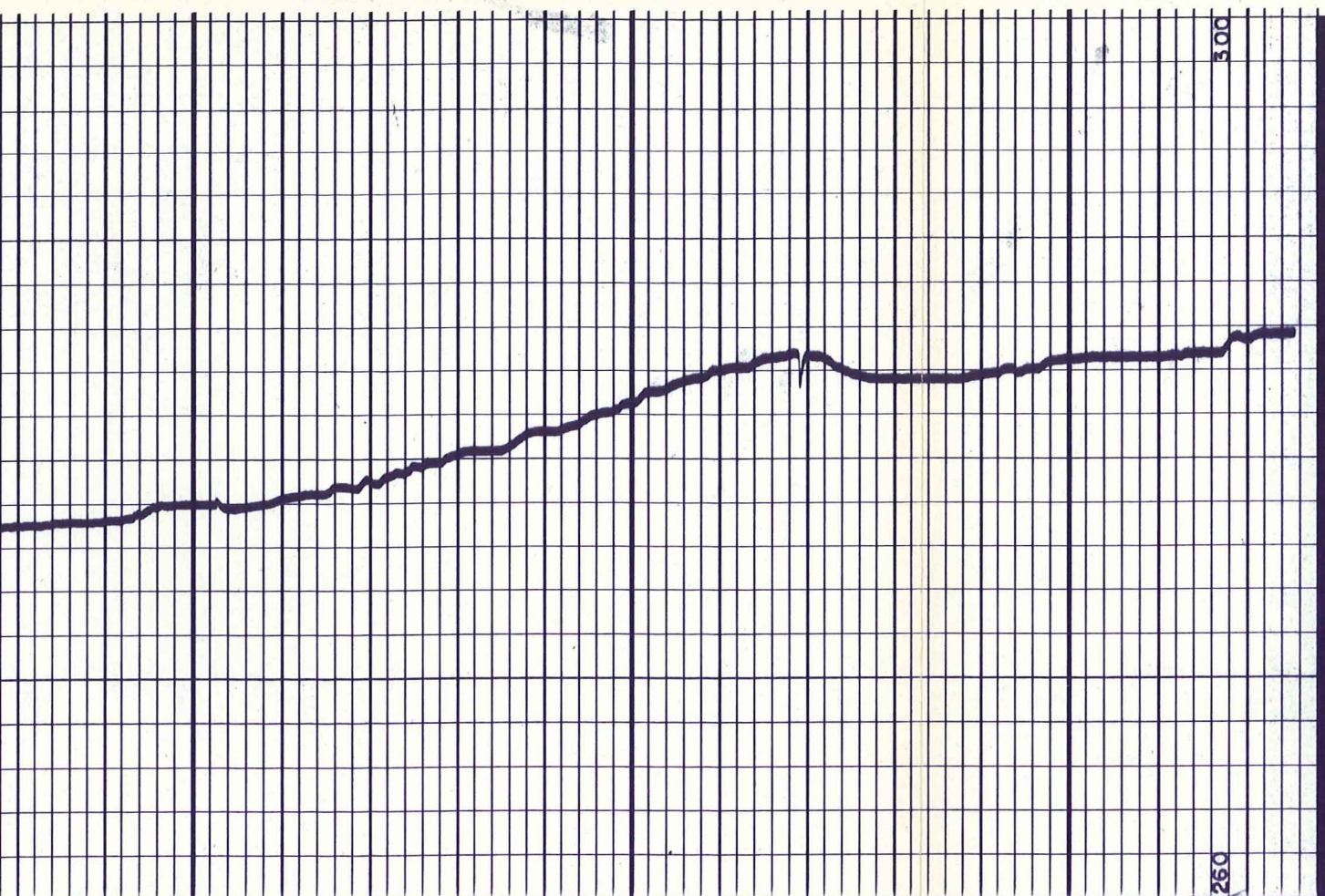


5500

5600

5700

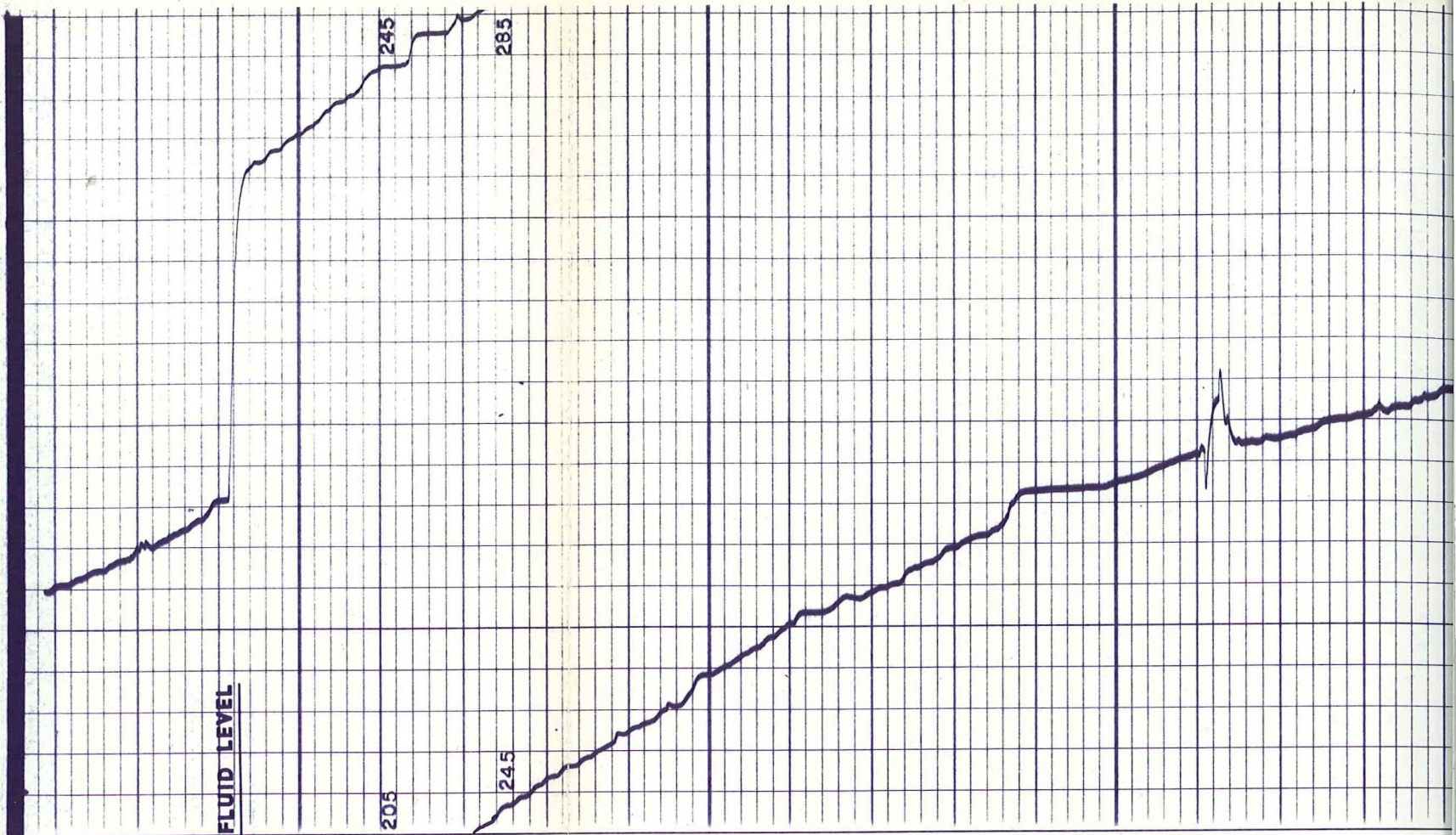


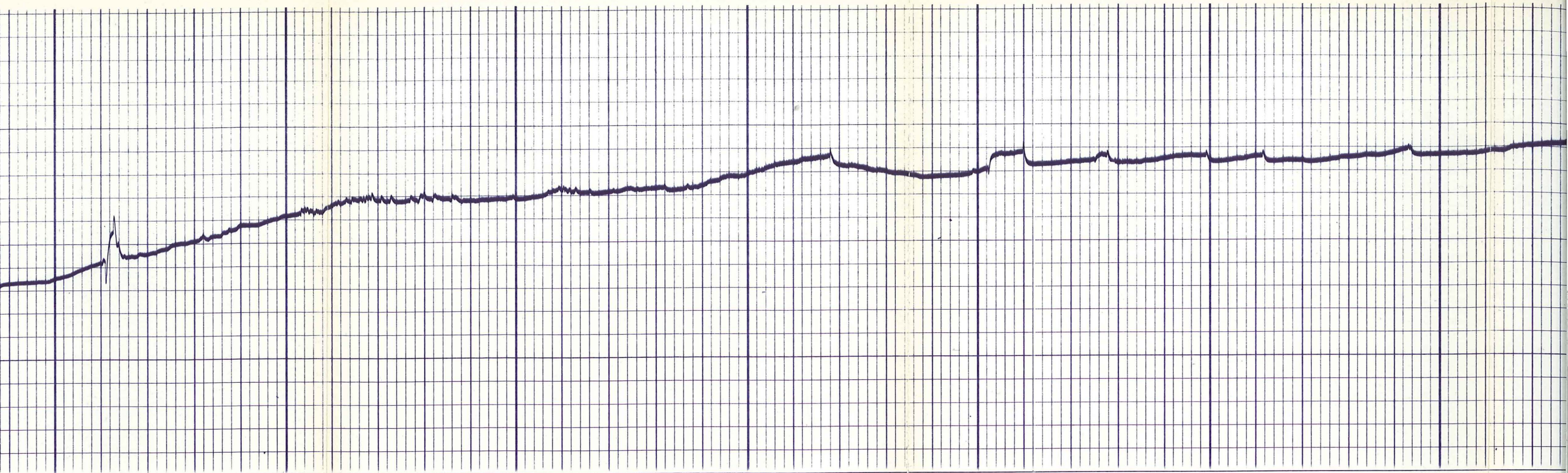


Run 2



Run 3

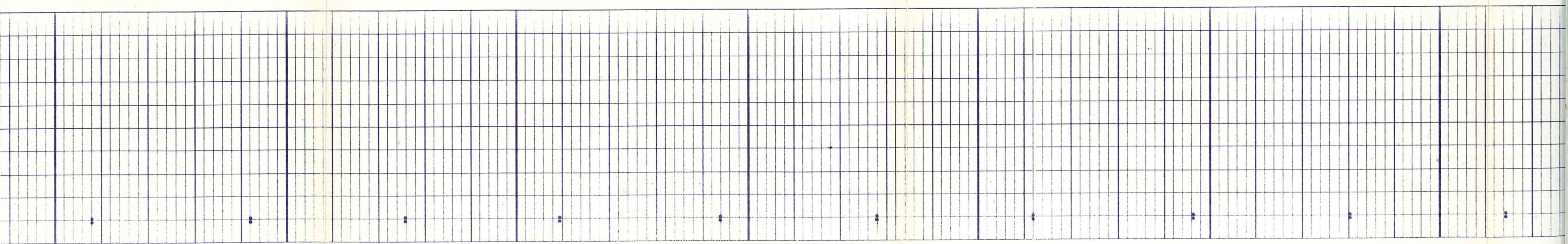




200

300

400

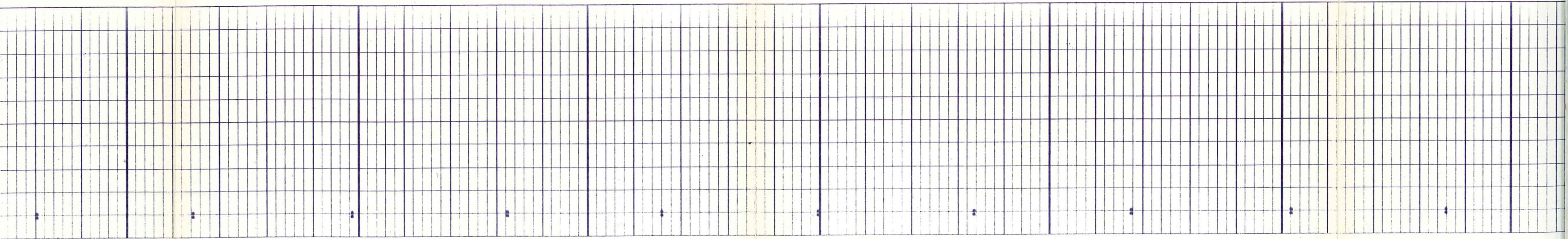




500

600

700





800

900

1000

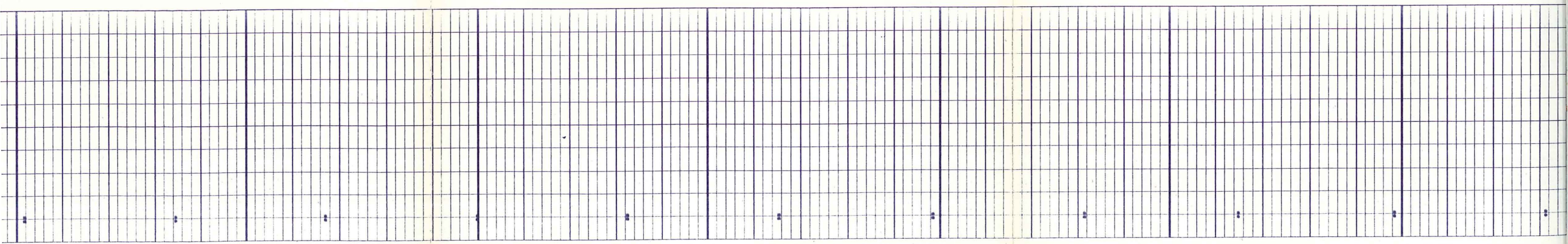


000

1100

1200

1300



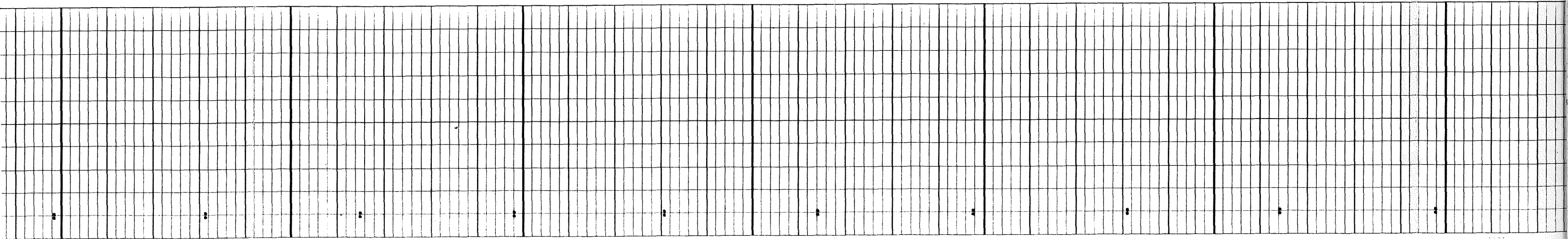


1300

1400

1500

1600



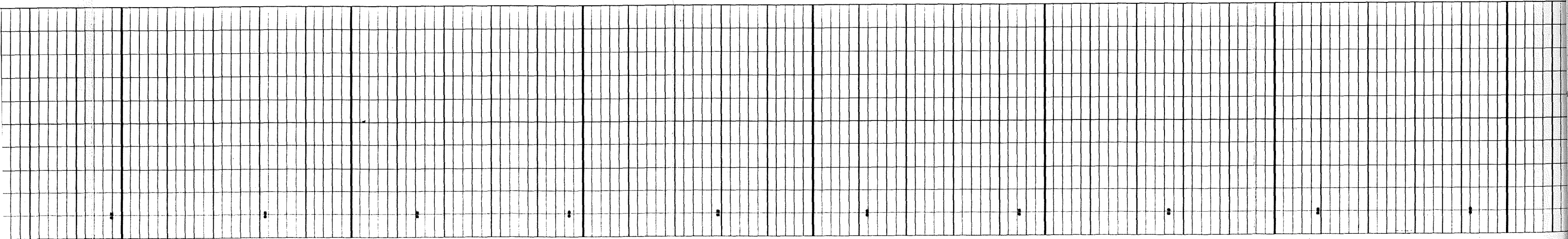


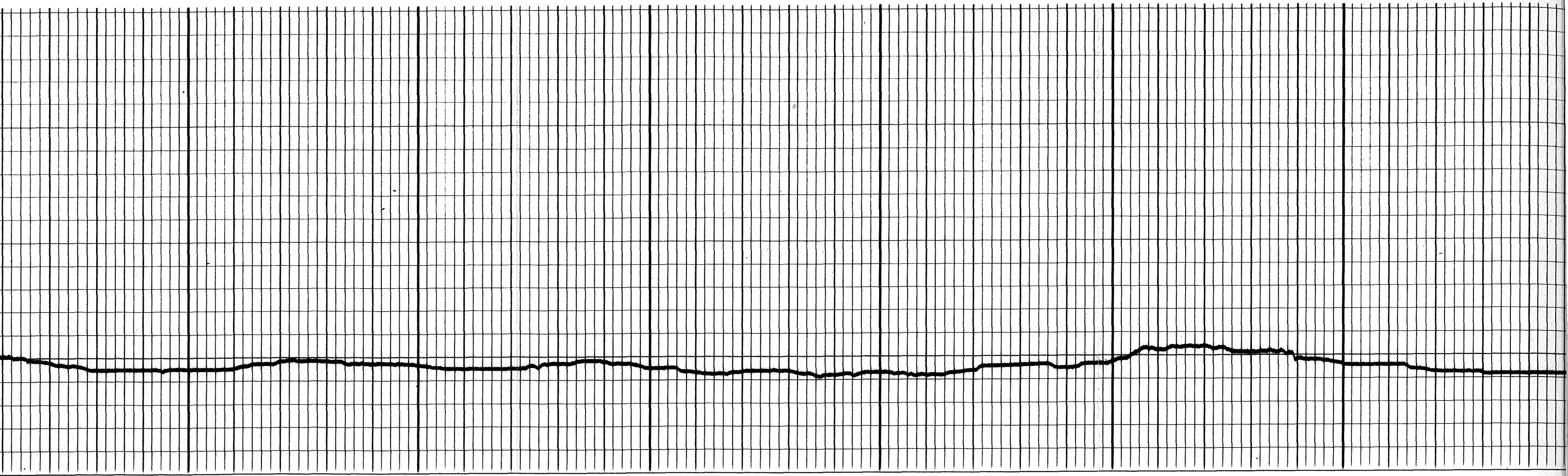
1600

1700

1800

1900



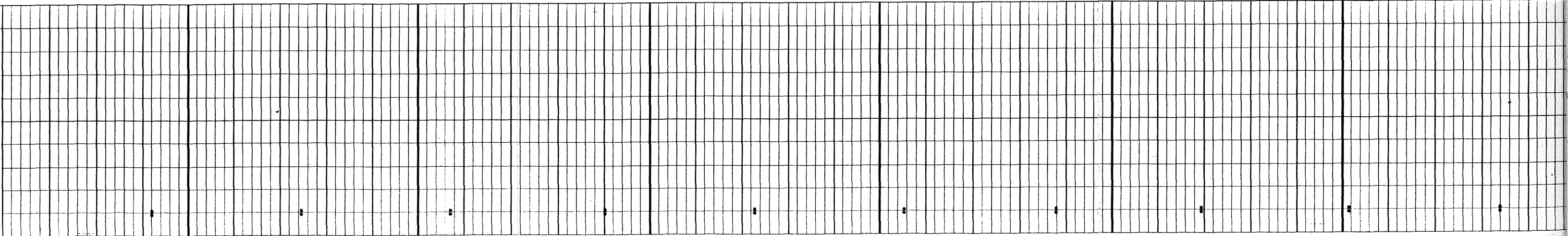


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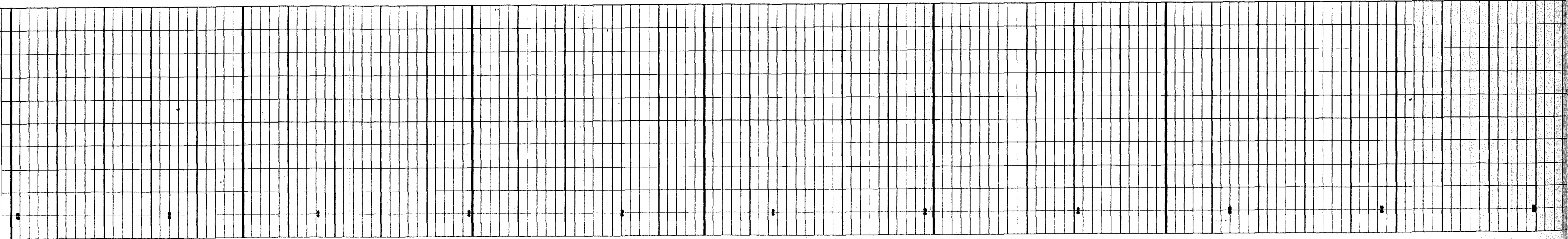


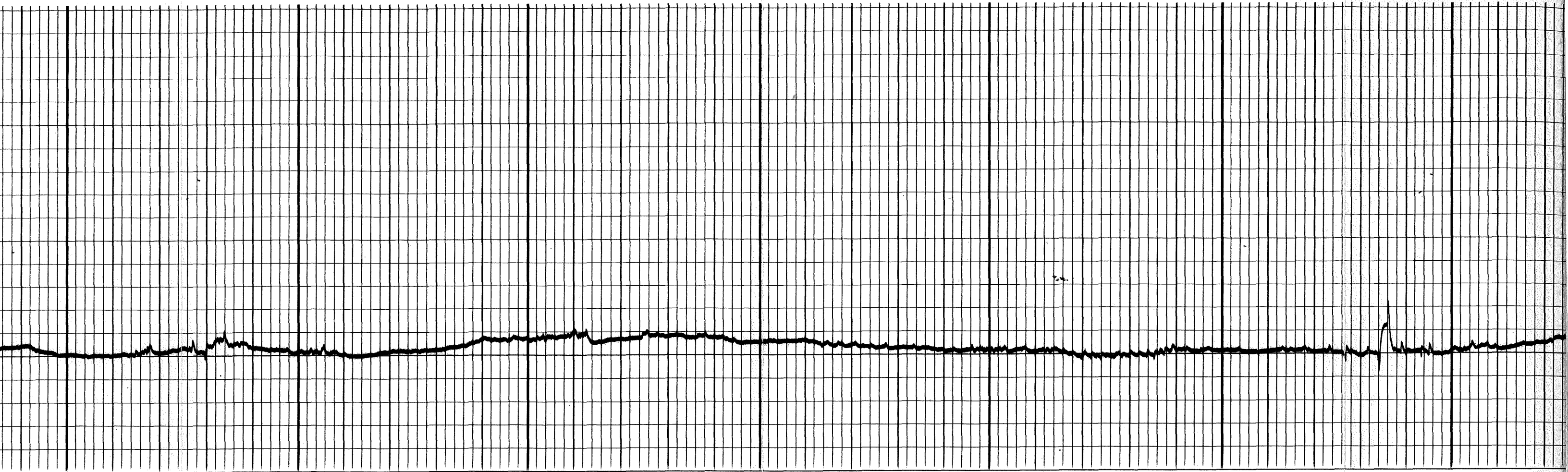


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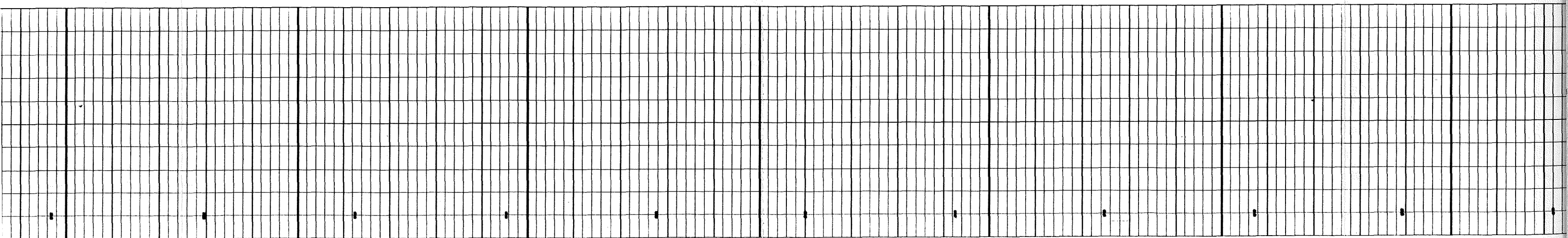


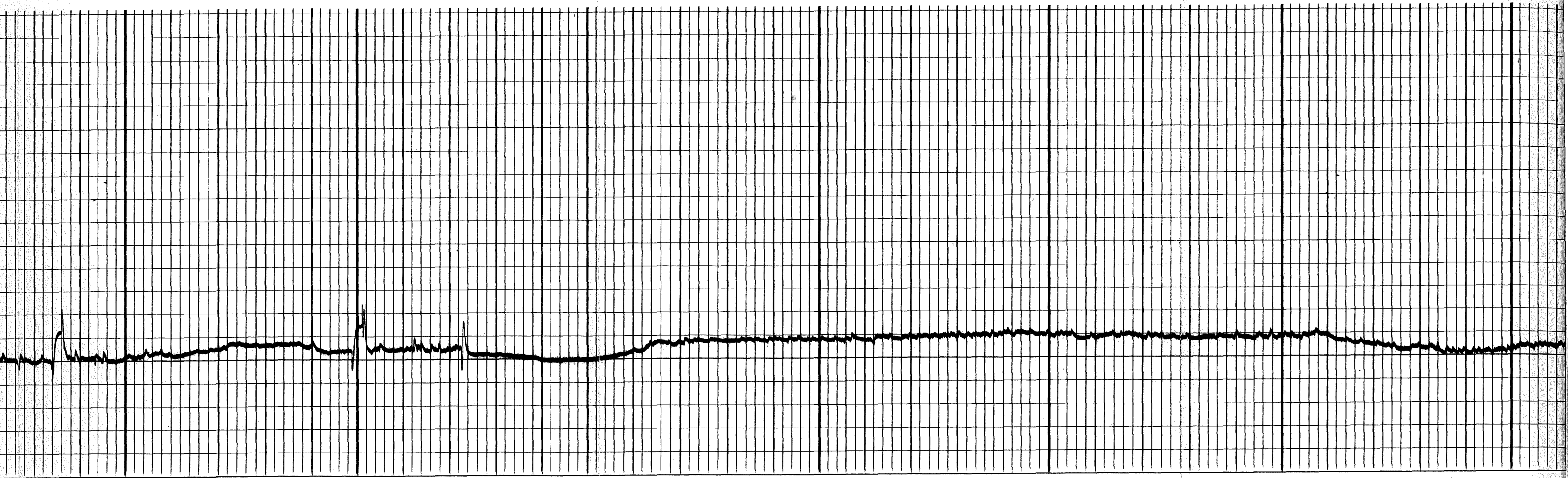


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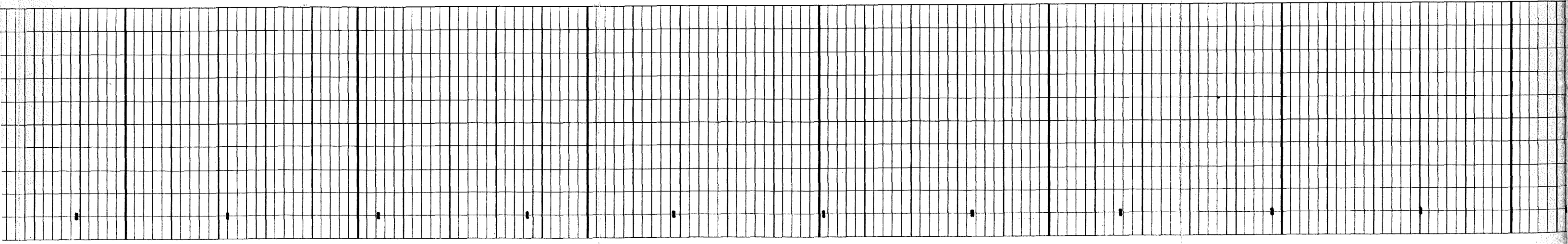


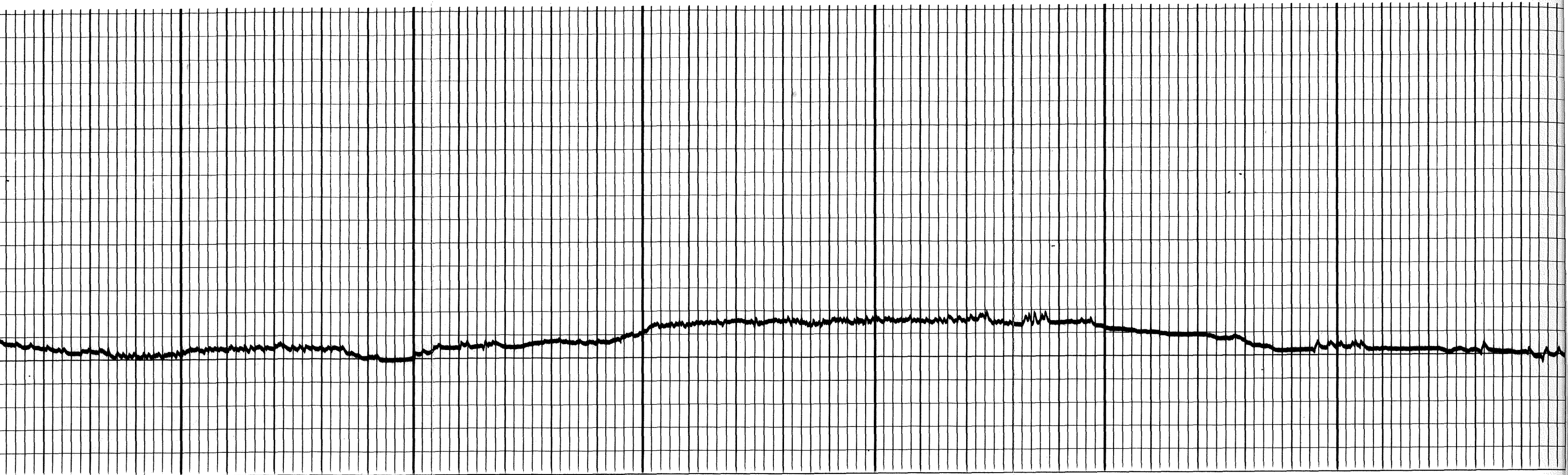


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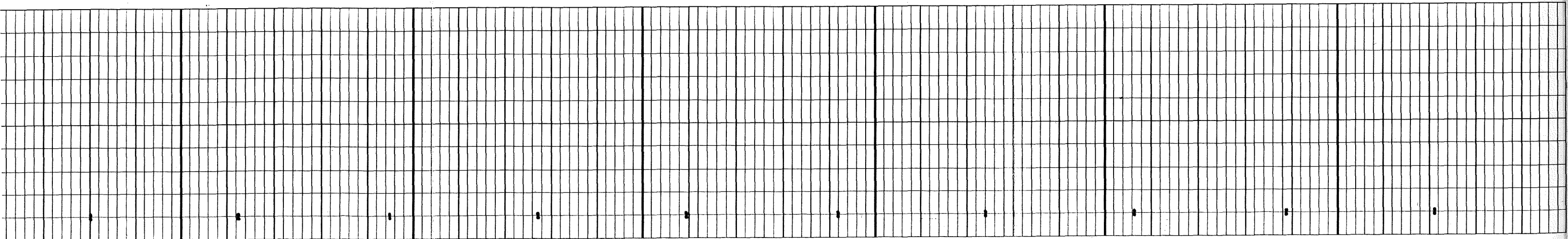


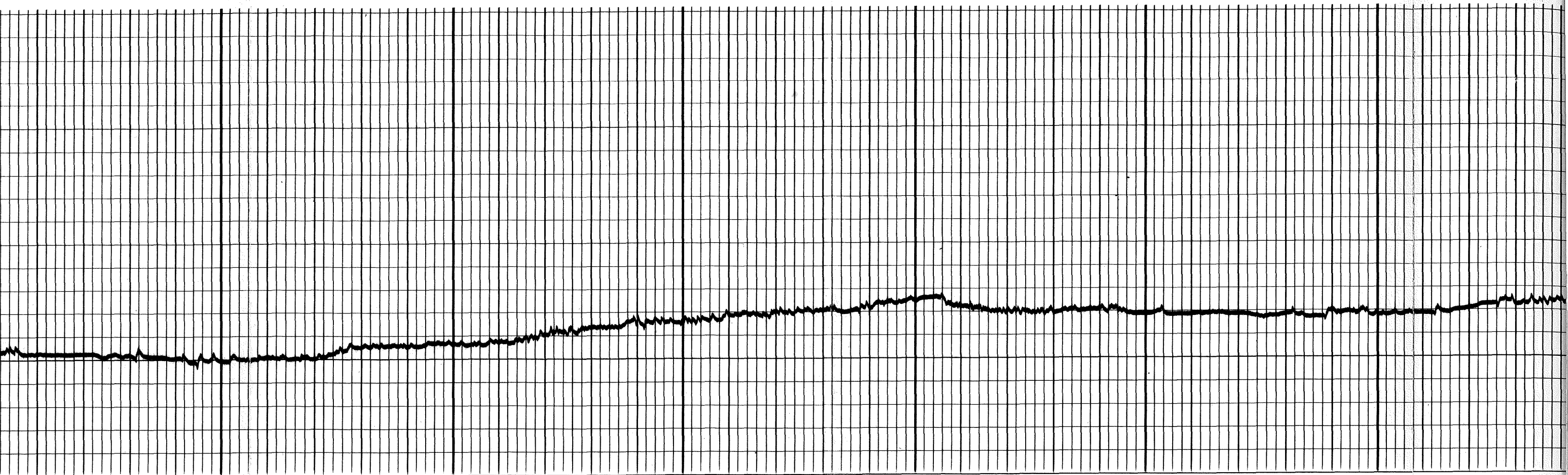


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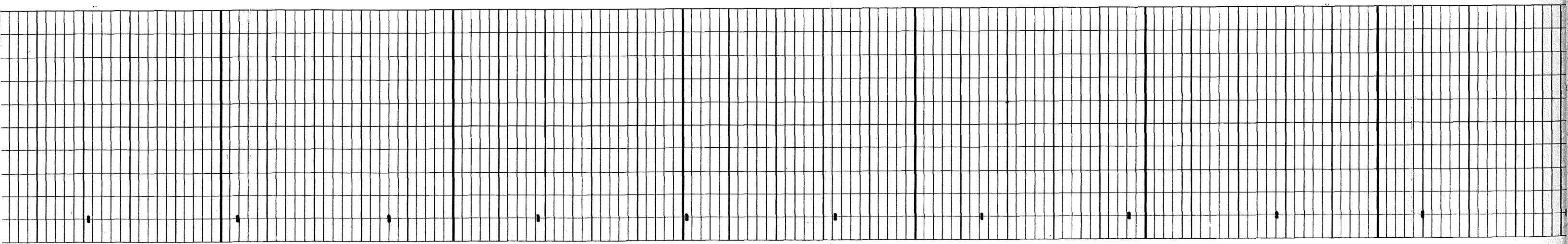


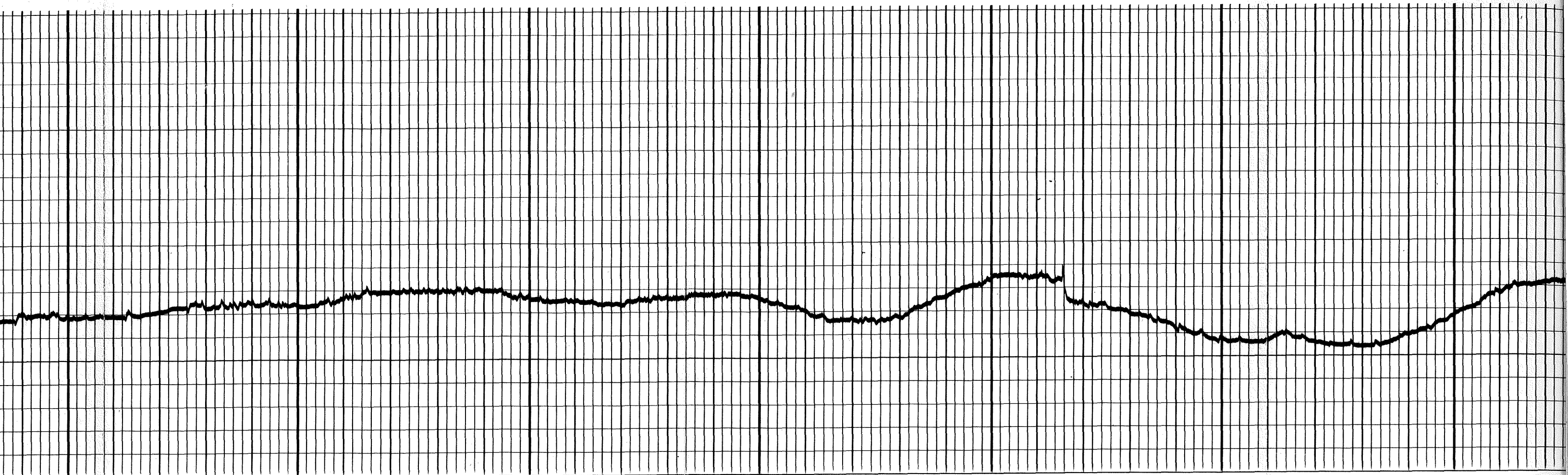
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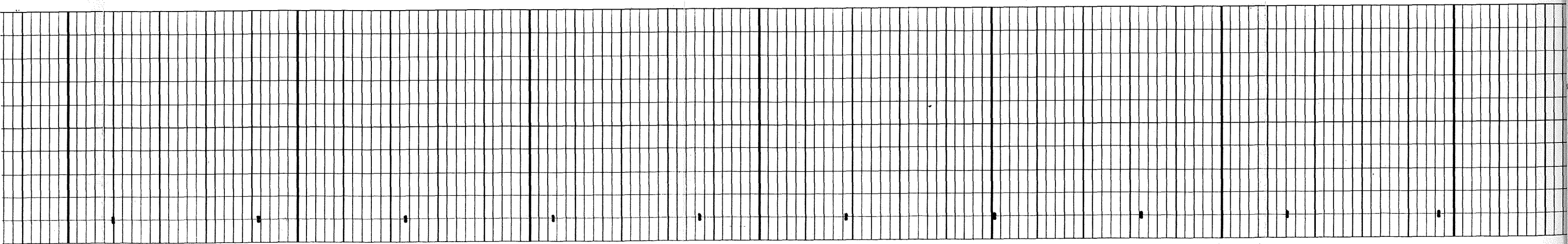


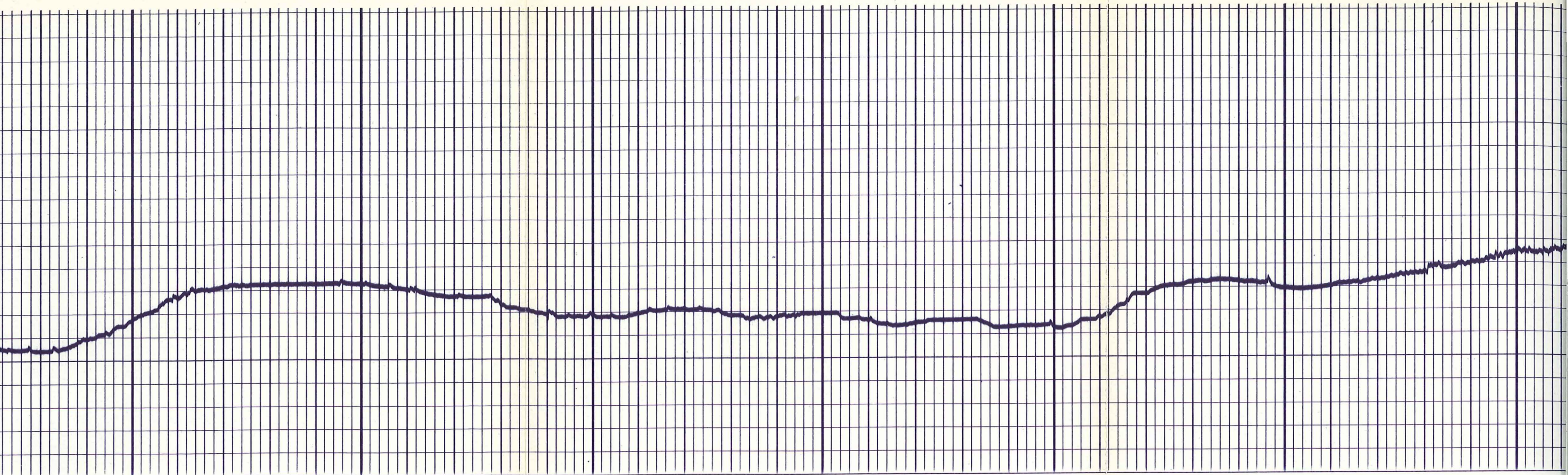
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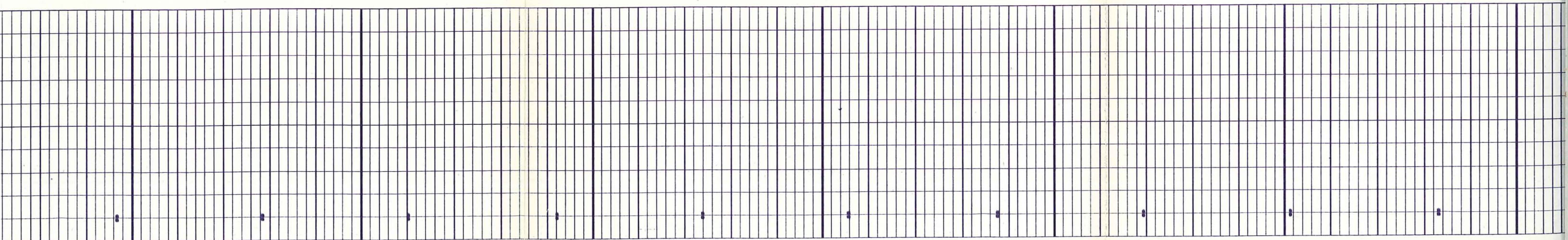


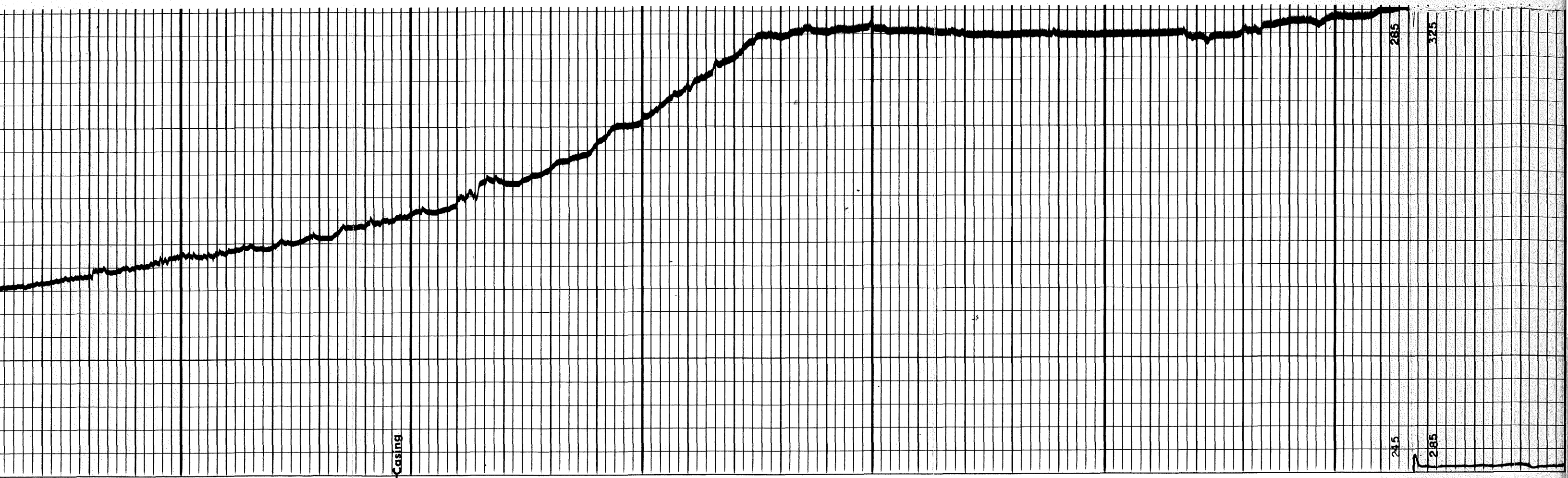
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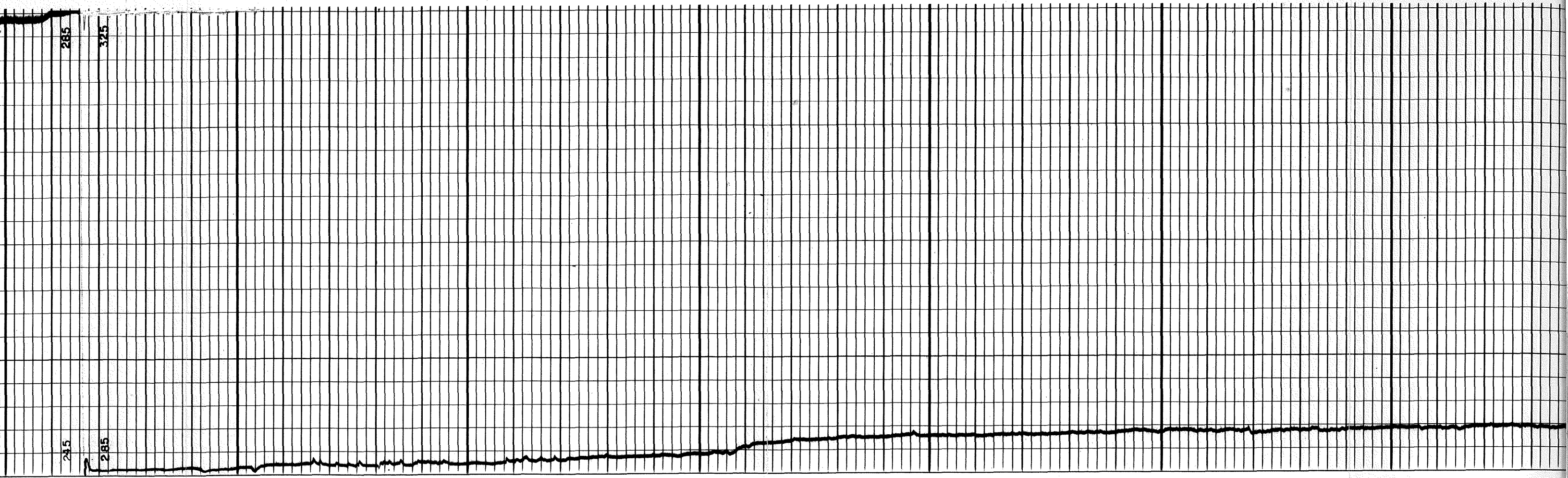
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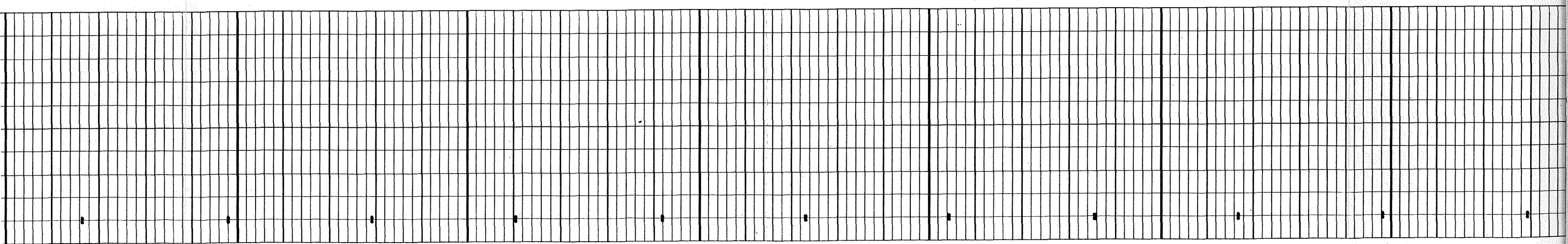
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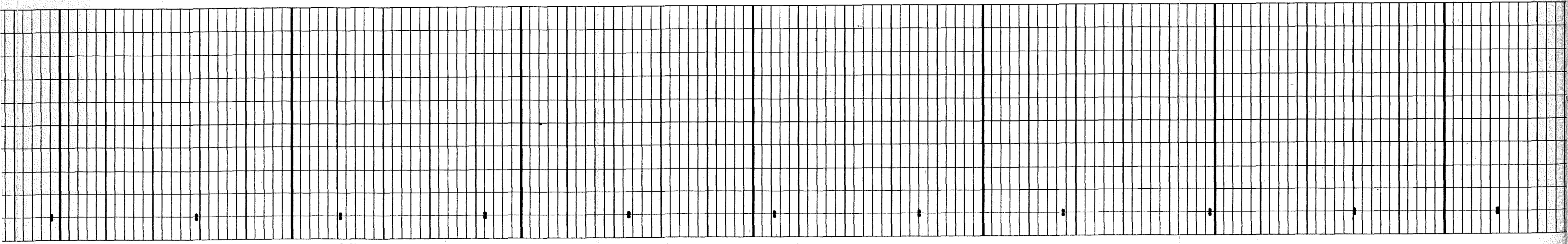


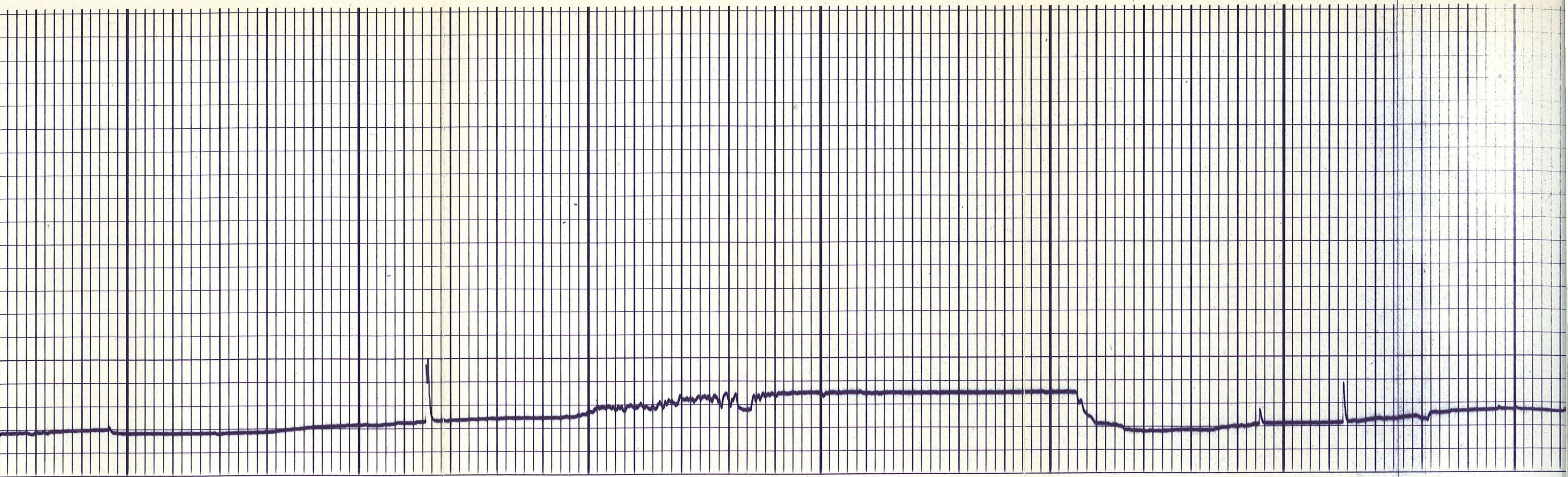


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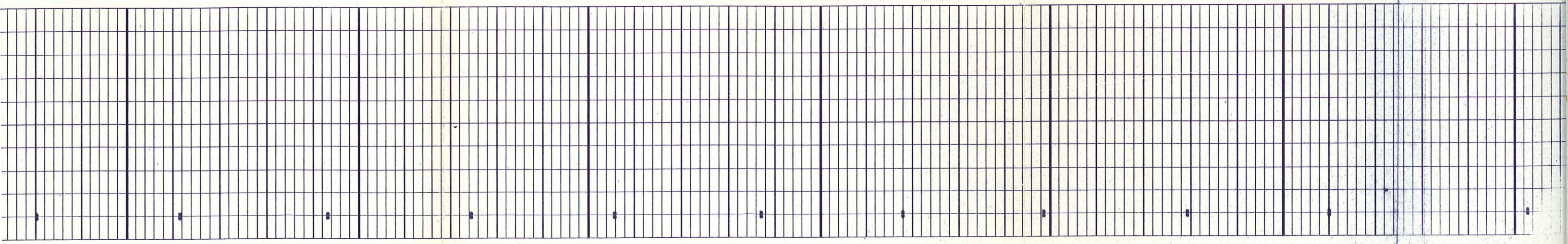


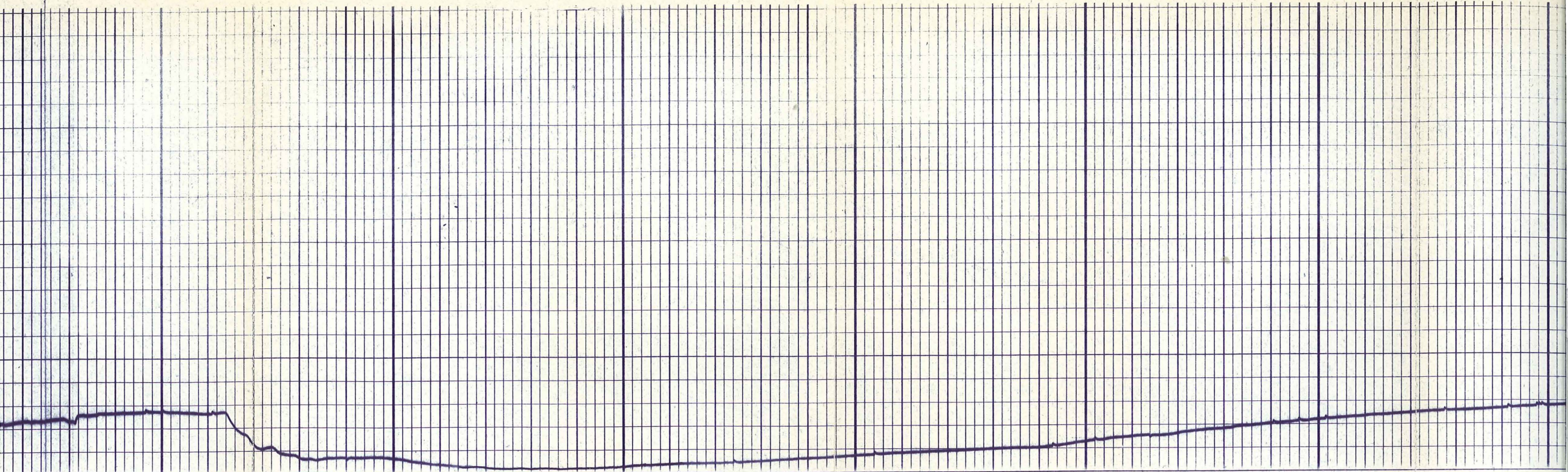


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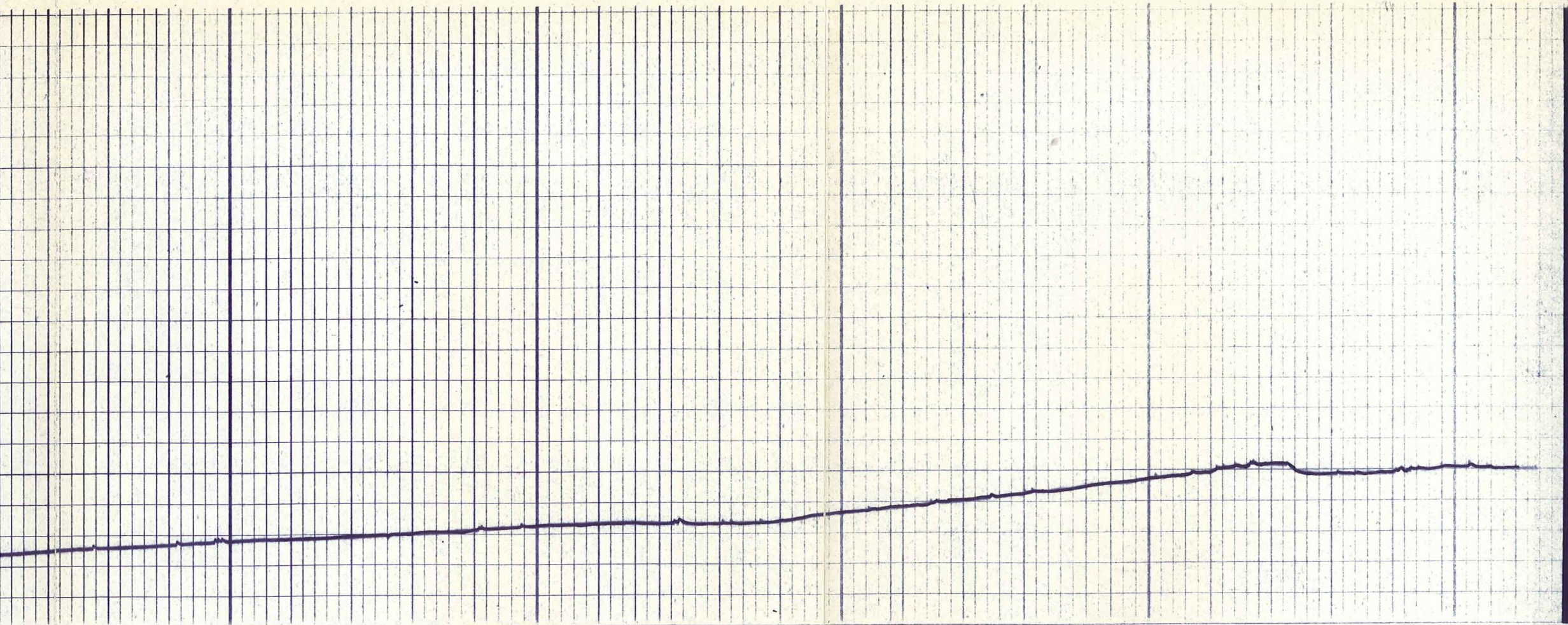




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