



Differential Temperature Log

FILE NO. GI02588

COMPANY E. G. & G. IDAHO, INCORPORATED

WELL RRGP-4

FIELD RAFT RIVER GEOTHERMAL

COUNTY CASSIA STATE IDAHO

LOCATION: SEC 23 TWP 15S RGE 26E

Permanent Datum GL Elev. 4840

Log Measured from KB, 16 Ft. Above Permanent Datum

Drilling Measured from KB

Date 9-28-78

Run No. ONE

Type Log DIEF, TEMP.

Depth-Driller 3470

Depth-Logger 3464

Bottom Logged Interval 3463

Top Logged Interval 0

Type Fluid in Hole WATER

Salinity Ppm Cl. ---

Density Lb./Gal. ---

Level FULL

Max. Rec. Temp. Deg. F 154

Opr. Rig Time ---

Recorded By BOS-FERRY

Witnessed By GOLDMAN

Run No.	Bit	Borehole Record		Size	Wgt.	Casing Record	
		From	To			From	To
1	1 1/4	1820	3464	13 3/8	---	SURF.	1820

REMARKS	Equipment Used
RUN 1: RUN 3 HOURS AFTER CIRCULATION GOING INTO HOLE.	Series No. 2404
RUN 2: RUN SHUT IN AND GOING INTO HOLE.	Run No. ONE
RUN 3: RUN AFTER 90 MIN. INJECTION, RUN COMING OUT OF HOLE.	S.O. 94282
RUN 4: RUN 3 HOURS AFTER INJECTION, GOING INTO HOLE.	Tool No. ---
	Elec. No. ---
	Panel No. ---

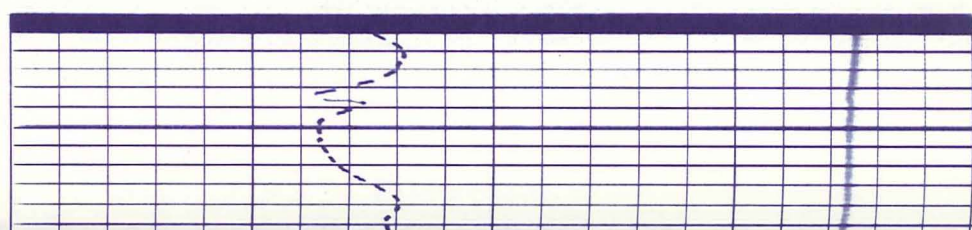
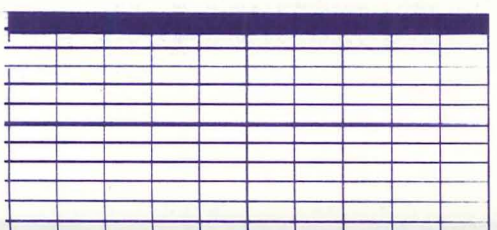
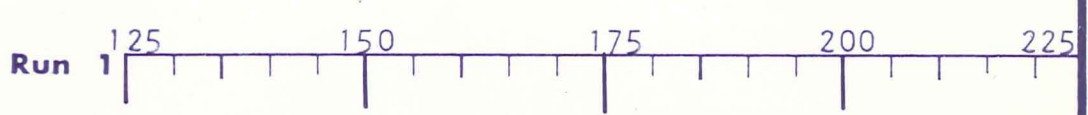
DIFFERENTIAL TEMPERATURE LOG DATA				
Run No.	1	2	3	4
Date - Time				
Tool Model No.				
Tool Serial No.				
Truck No.				
Gradient Sens.				
Differential Sens.				
Logging Speed				
Type Well				
Log Purpose				
Fluid Level				
Well Pressure				
Shut In Time				
Injected Fluid Temp.				
Inj / Prod Fluid Type				
Inj / Prod Rate				
Inj / Prod Volume				
Inj / Prod Time				
Cross Flow Check				

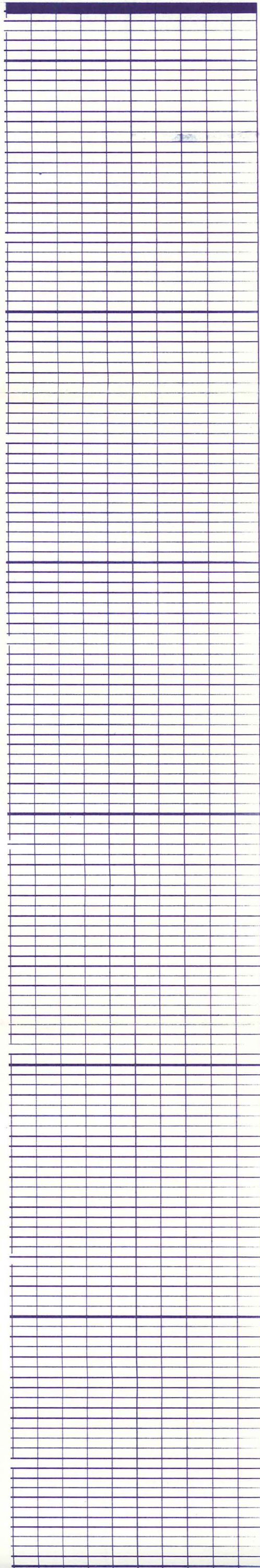
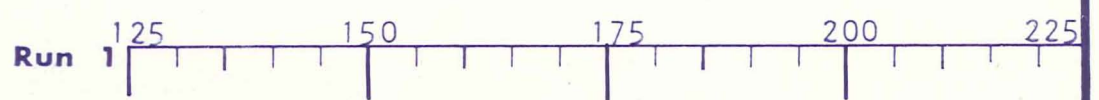
INSTRUMENT DATA

Instrument Dia. _____

TEMPERATURE SURVEY

TEMPERATURE - °F

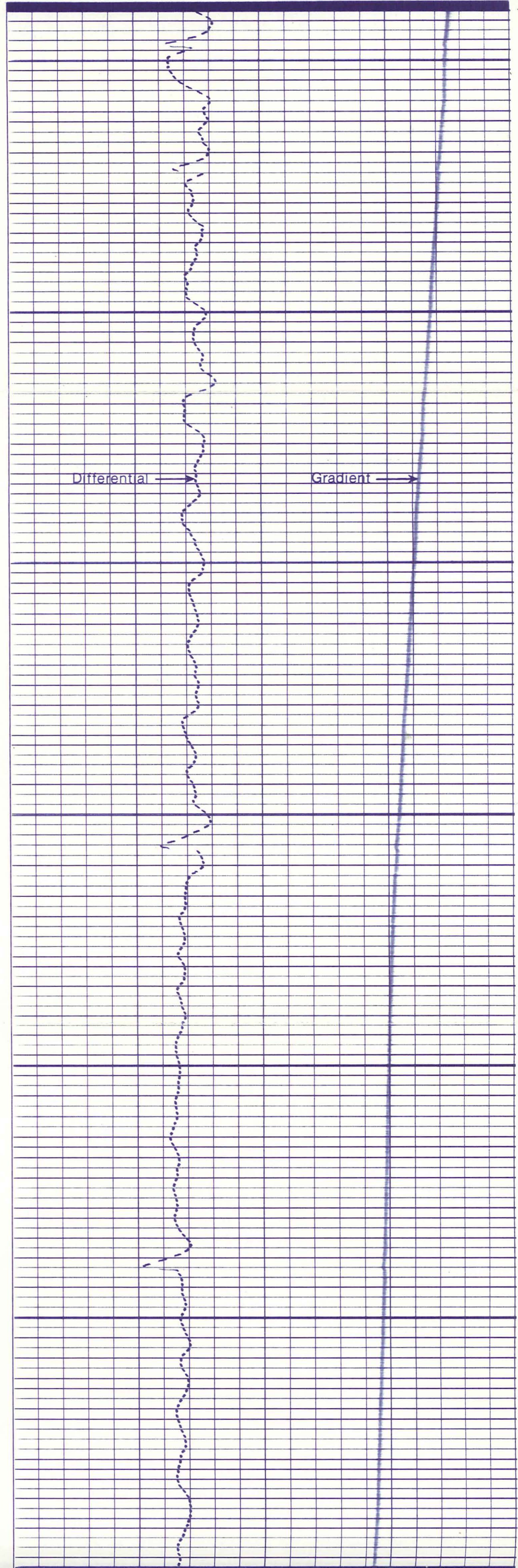




3400

3300

3200



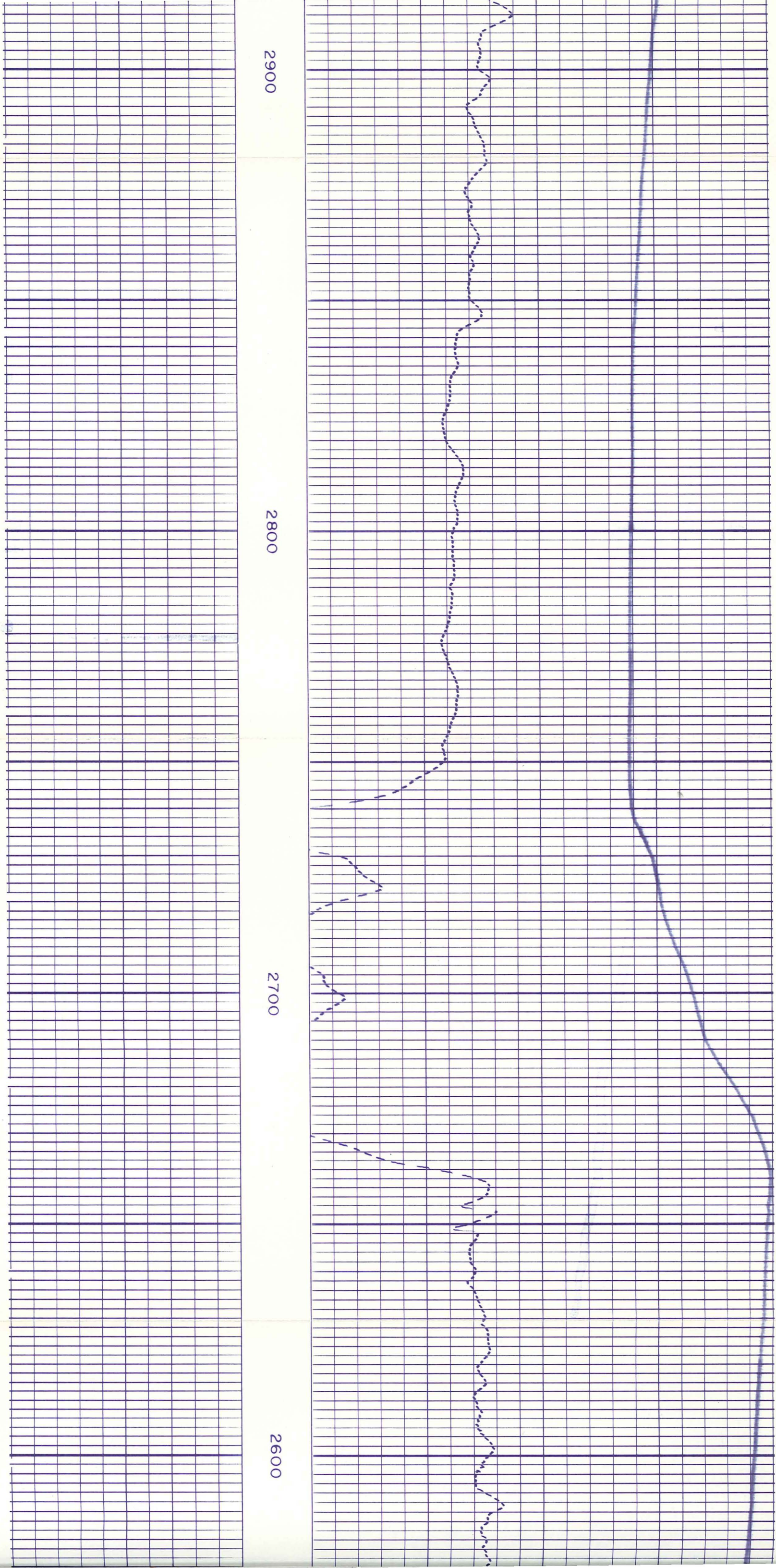
3000

3100

3000

2900



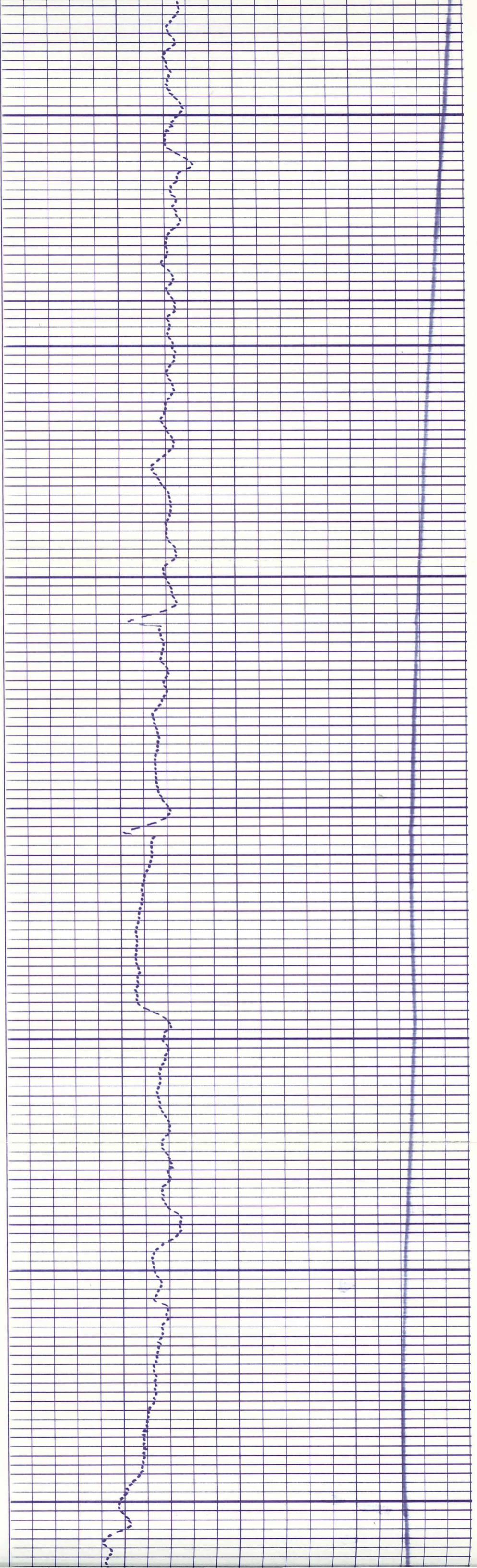


2900

2800

2700

2600

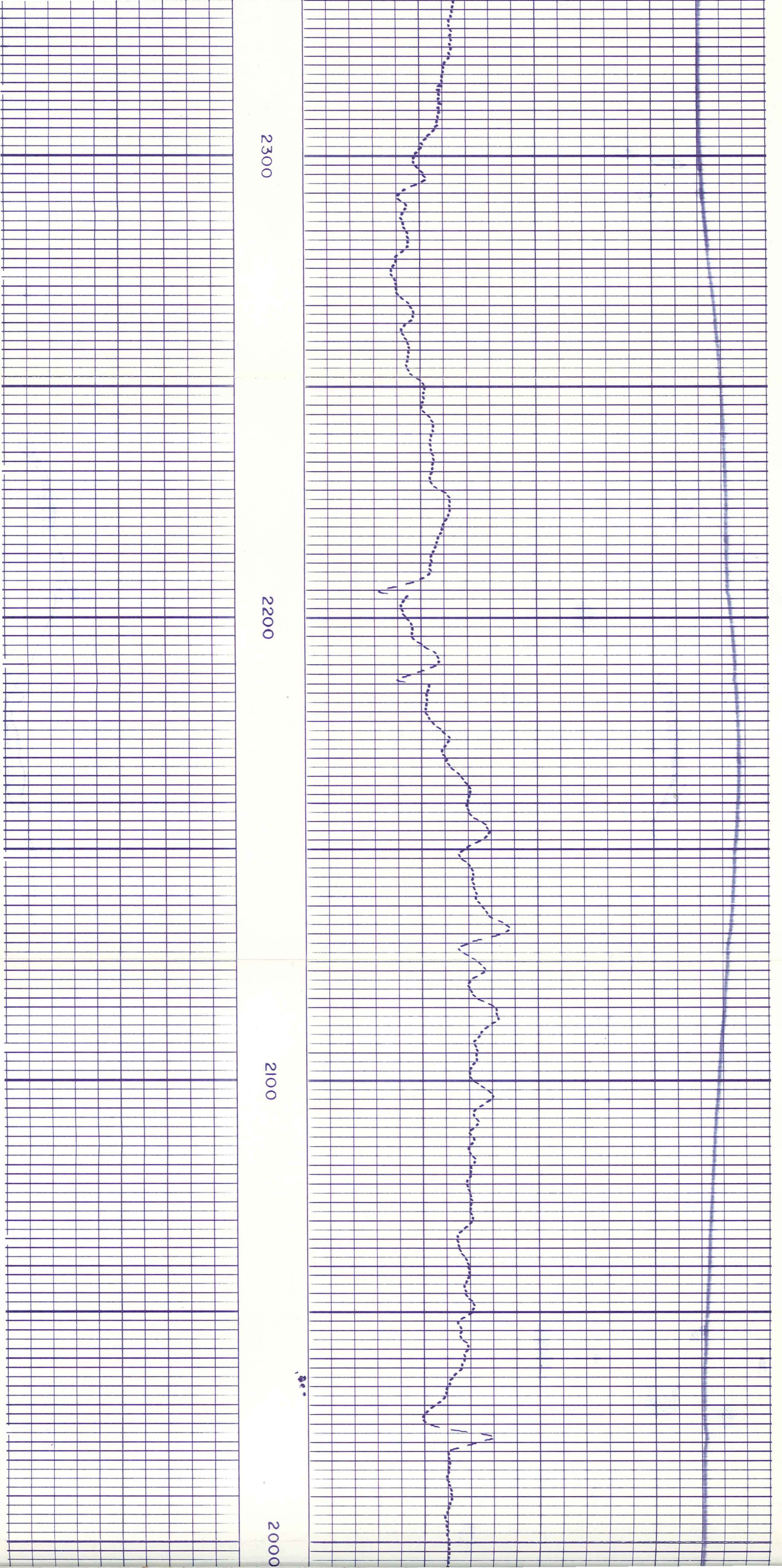


2600

2500

2400

2300

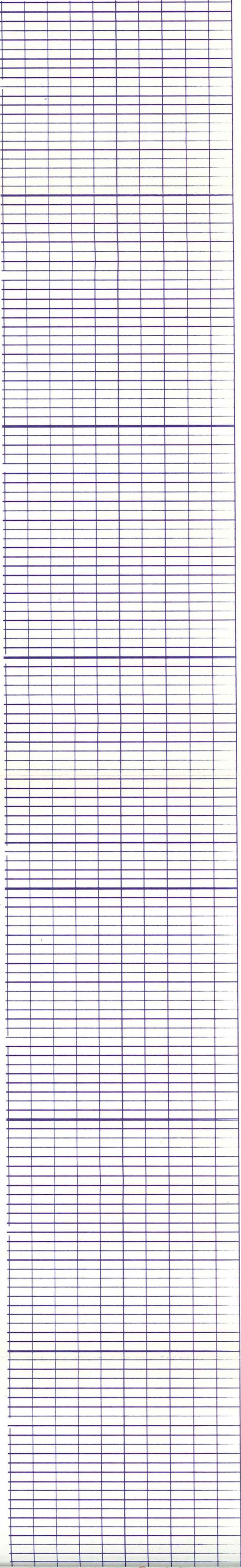


2300

2200

2100

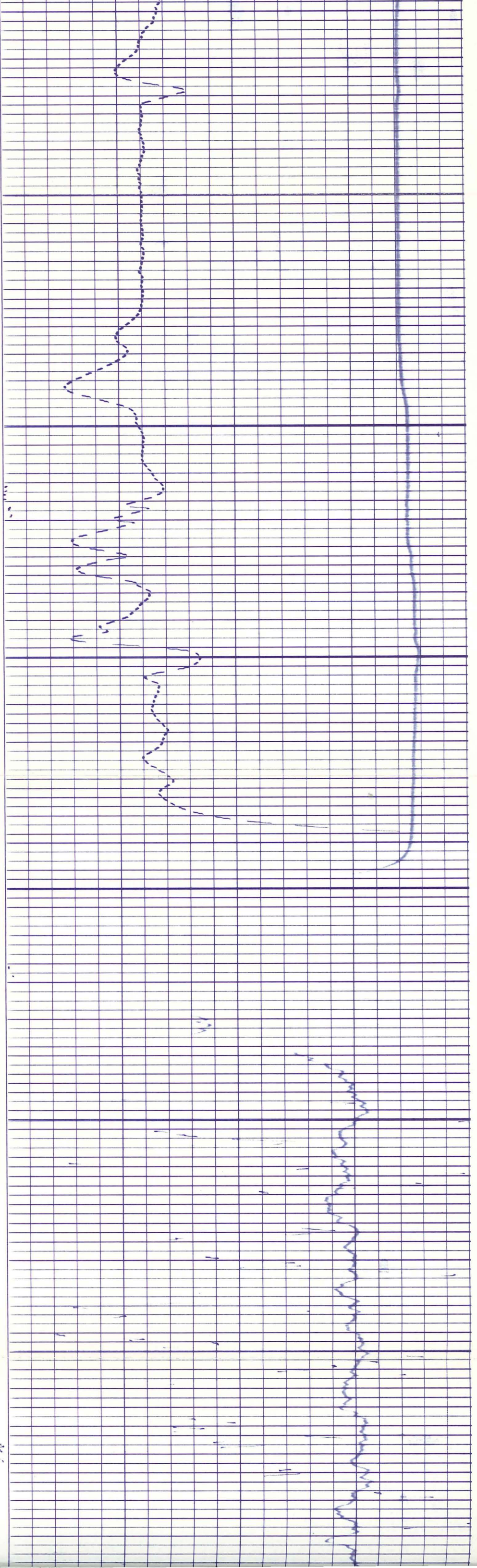
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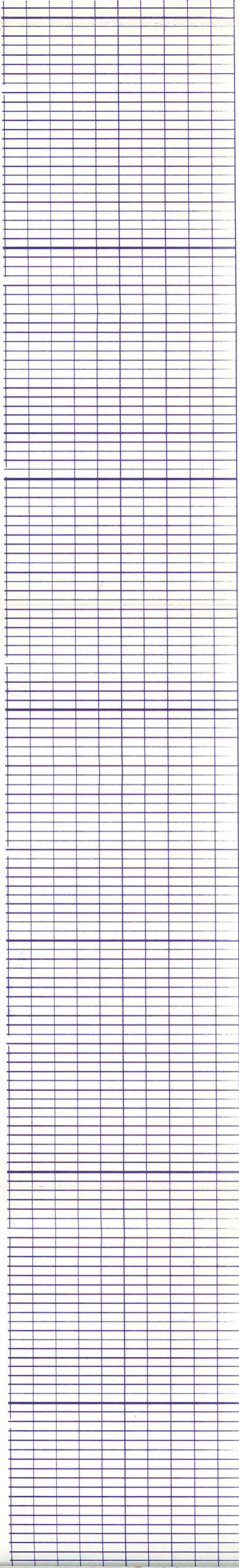


2000

1900

1800

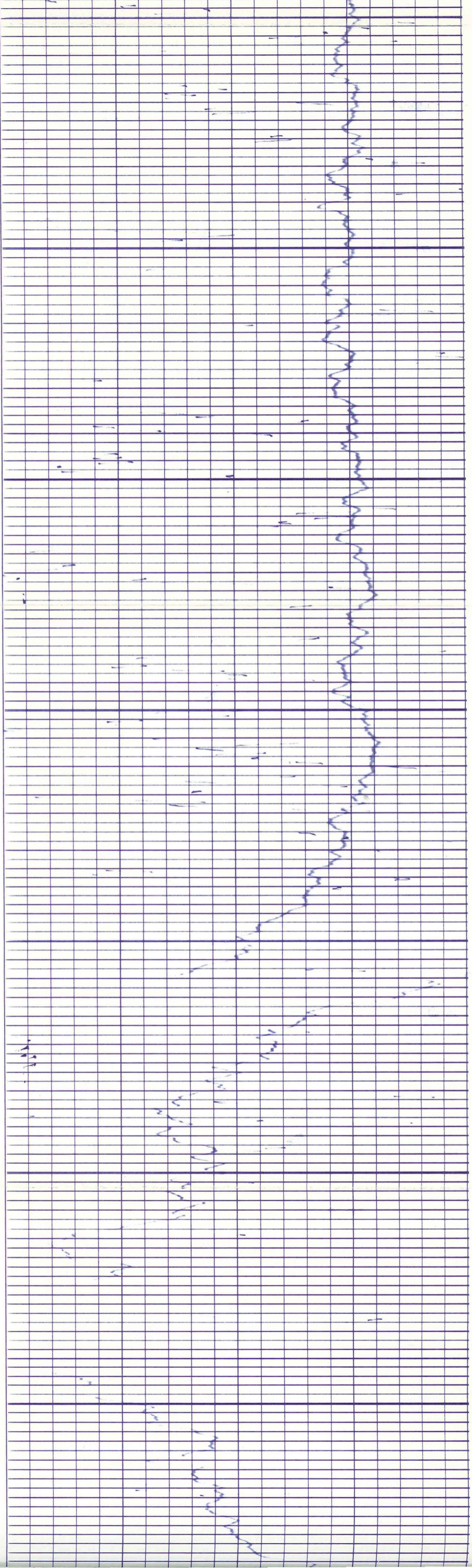


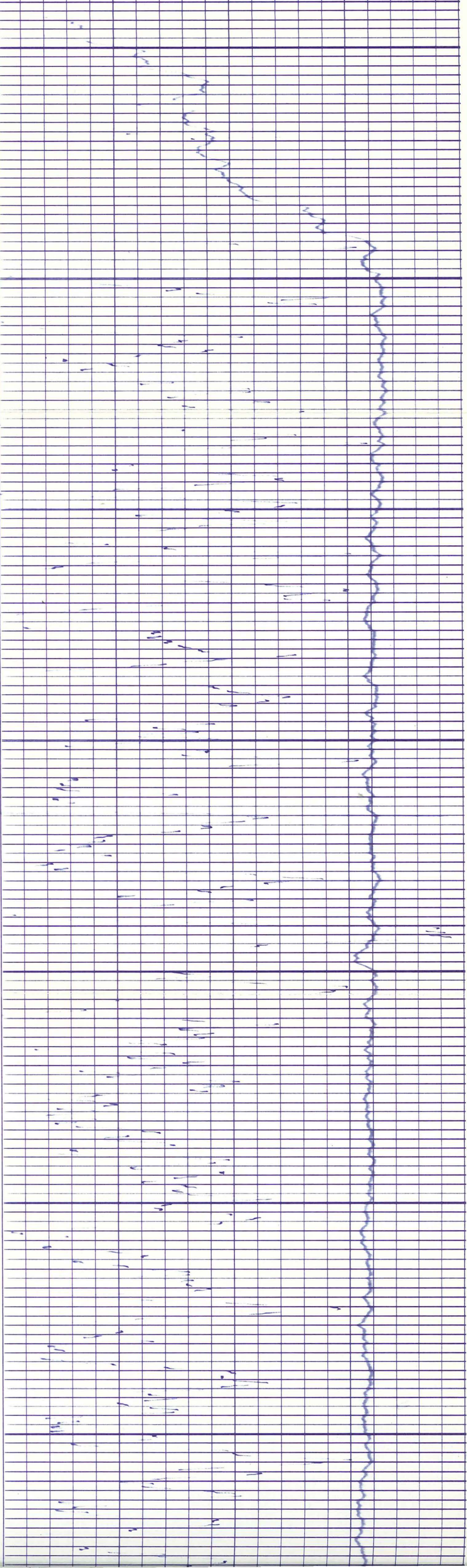


1700

1600

1500

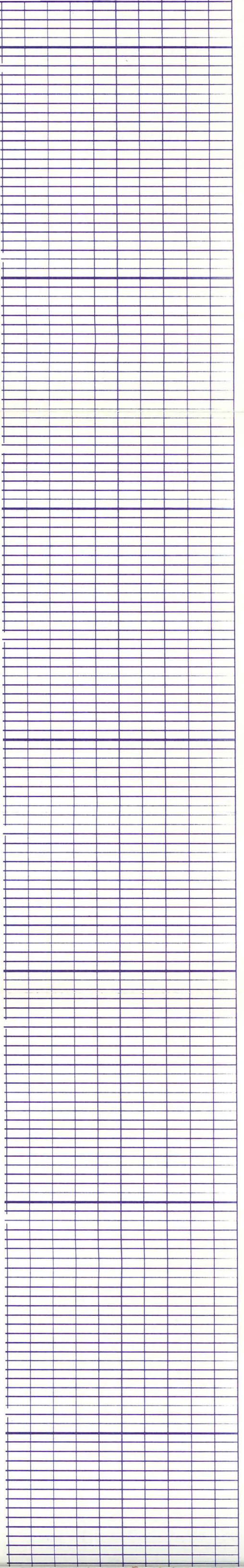


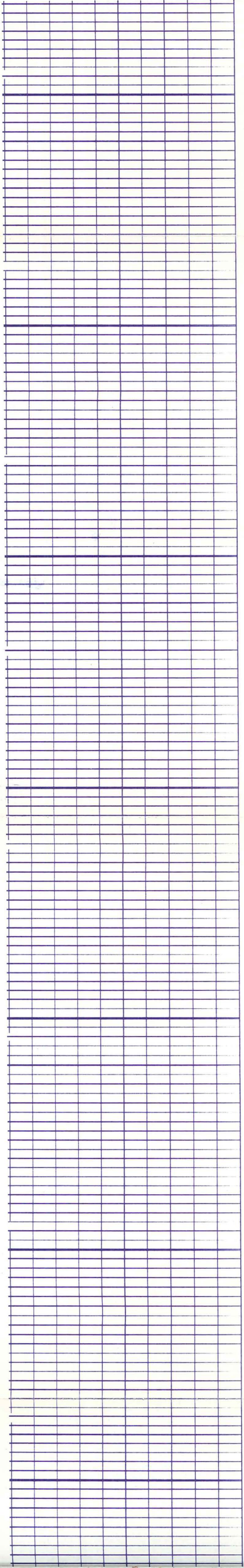


1400

1300

1200

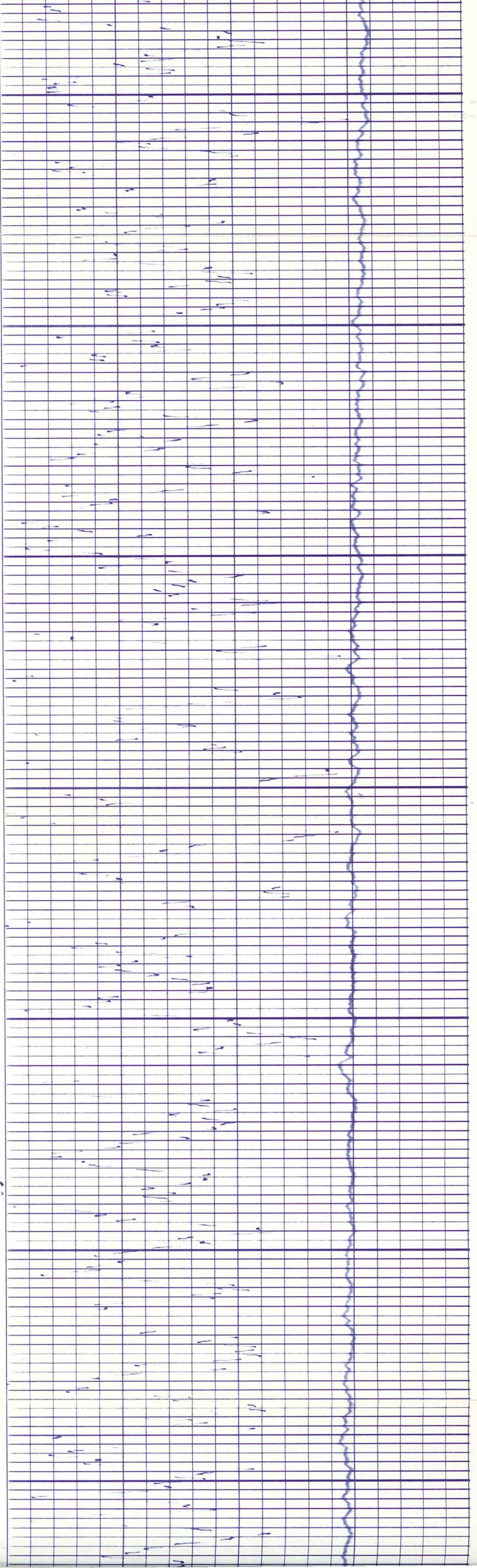


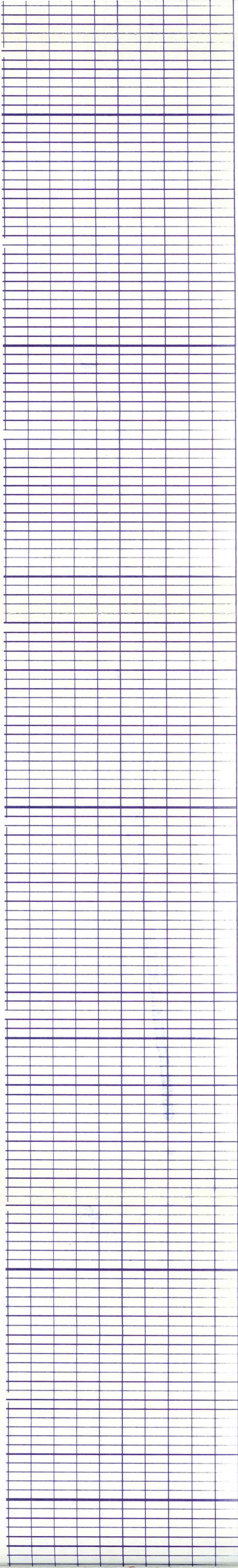


900

1000

1100

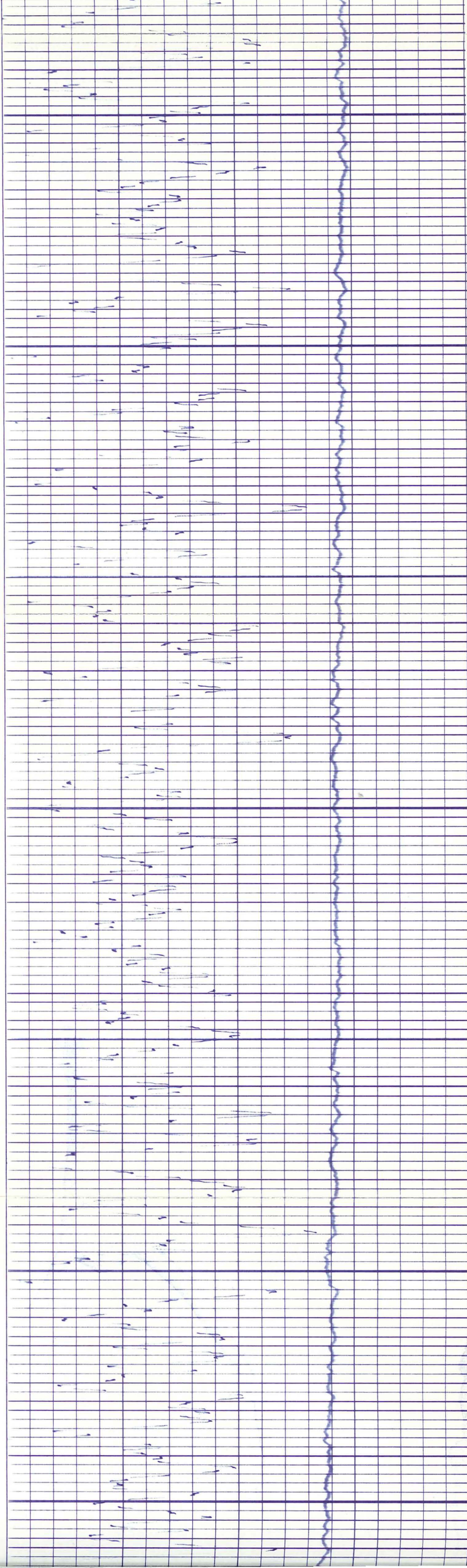


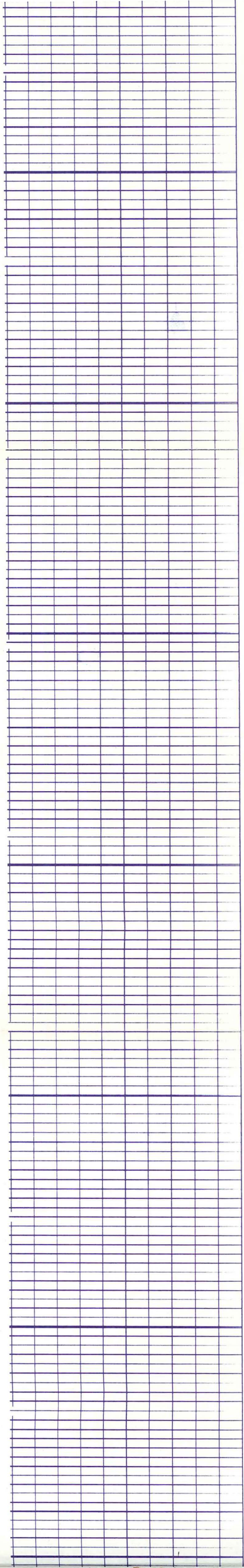


800

700

600

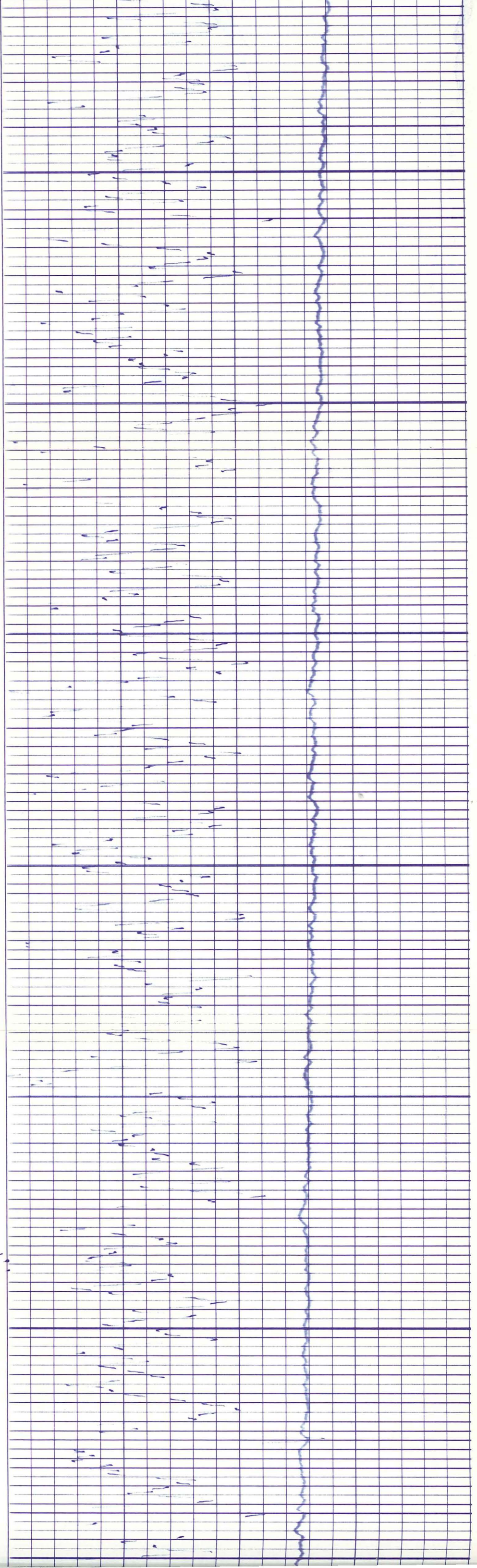


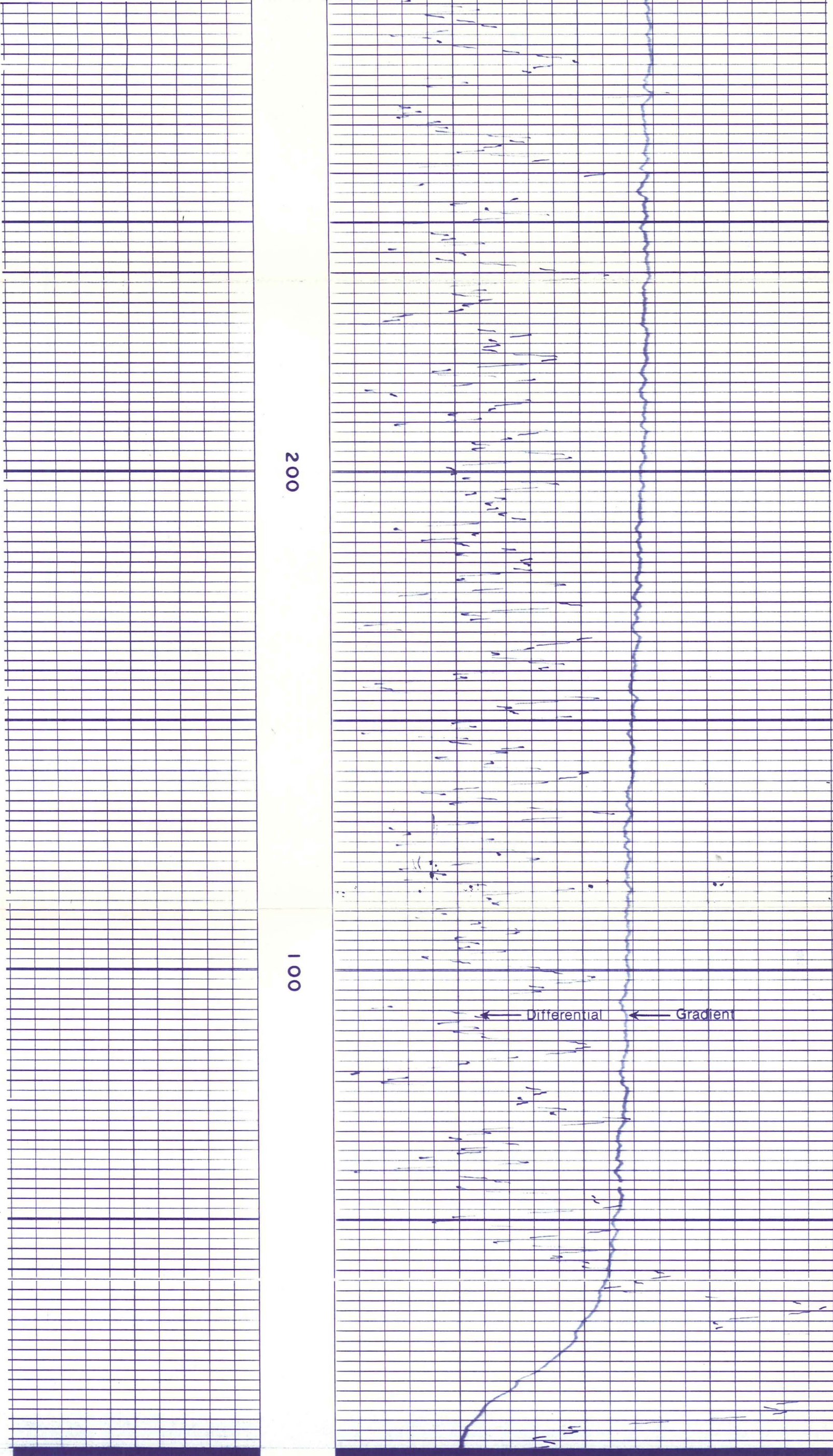


500

400

300





200

100

Differential

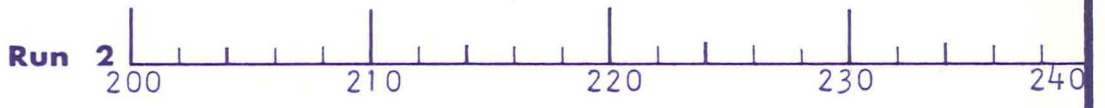
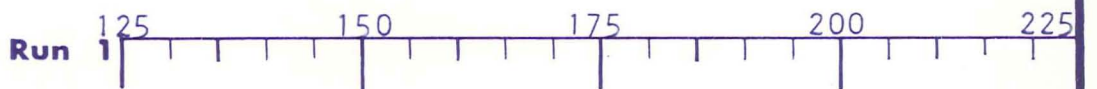
Gradient

TEMPERATURE SURVEY

TEMPERATURE - °F

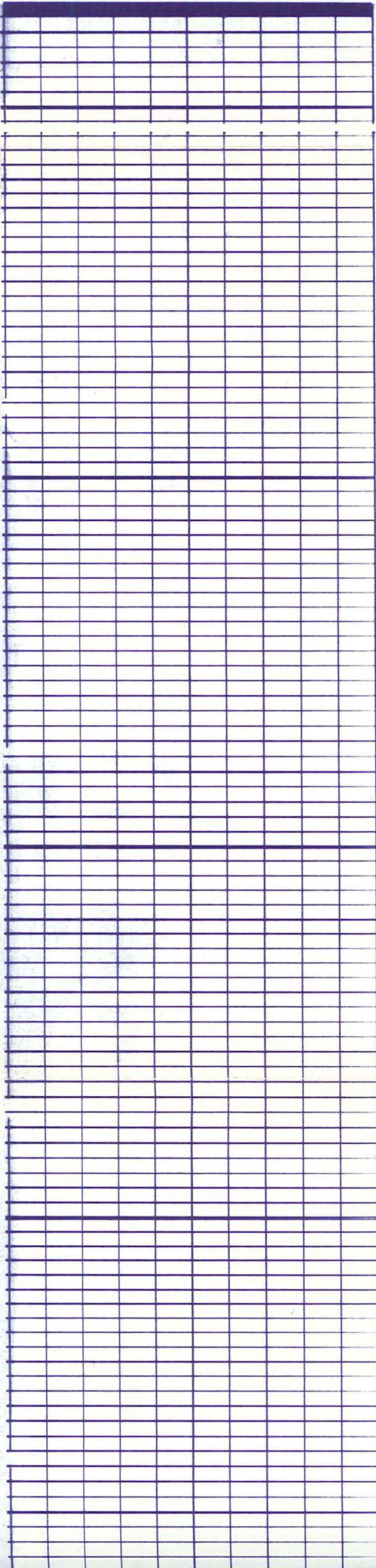
TEMPERATURE SURVEY

TEMPERATURE - °F



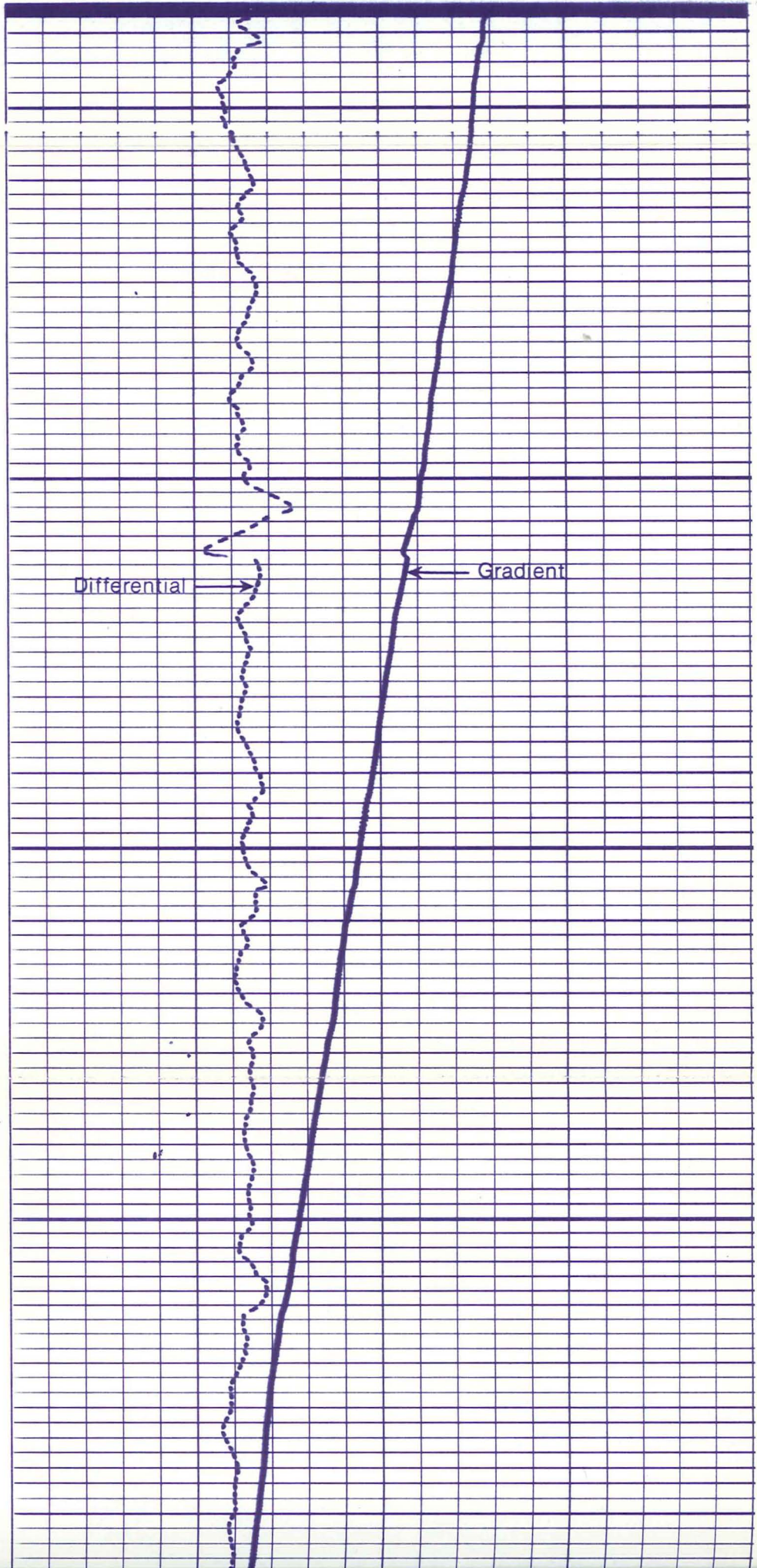
TEMPERATURE - °F

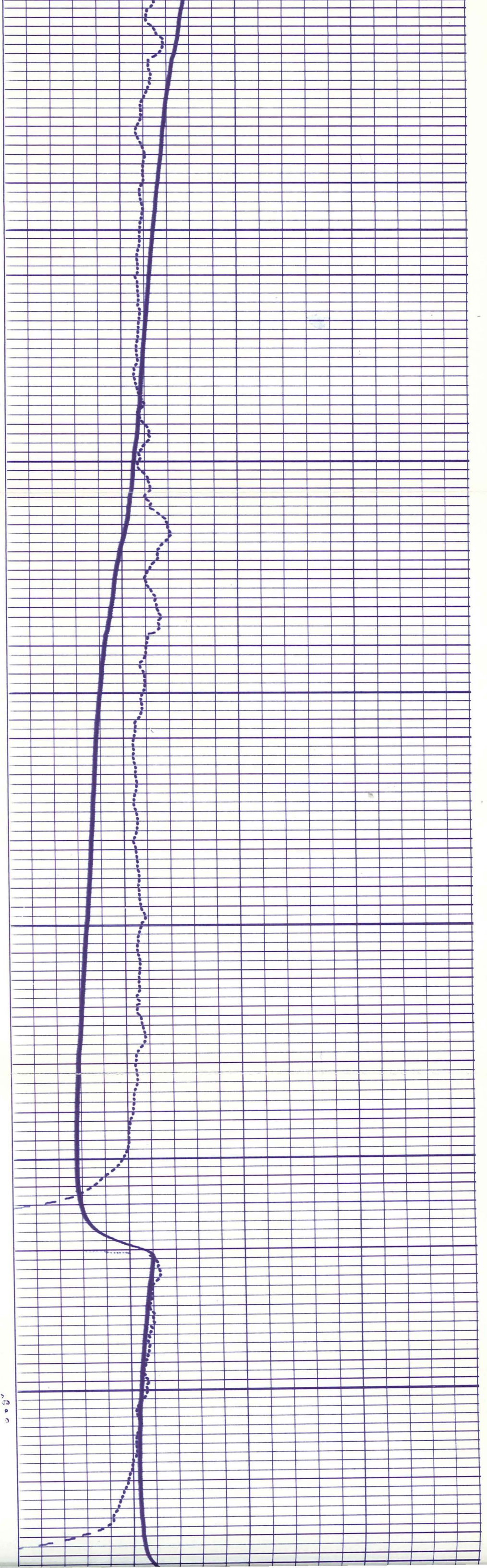
TEMPERATURE SURVEY



3400

3300





00

3200

3100

3000

A. S. e

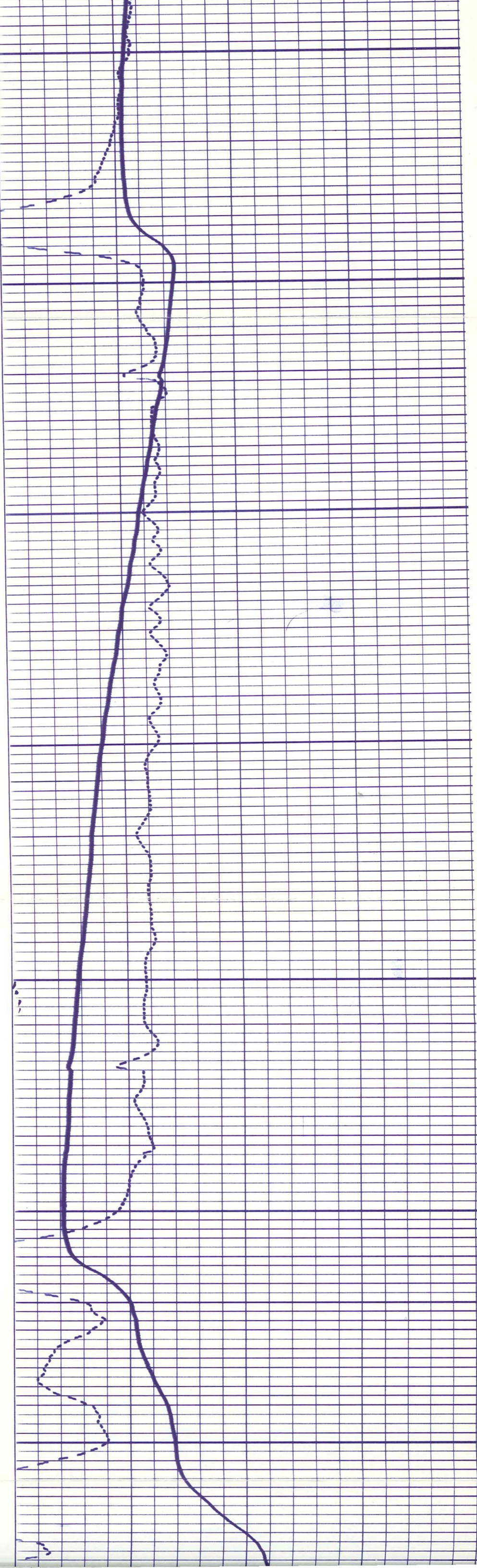
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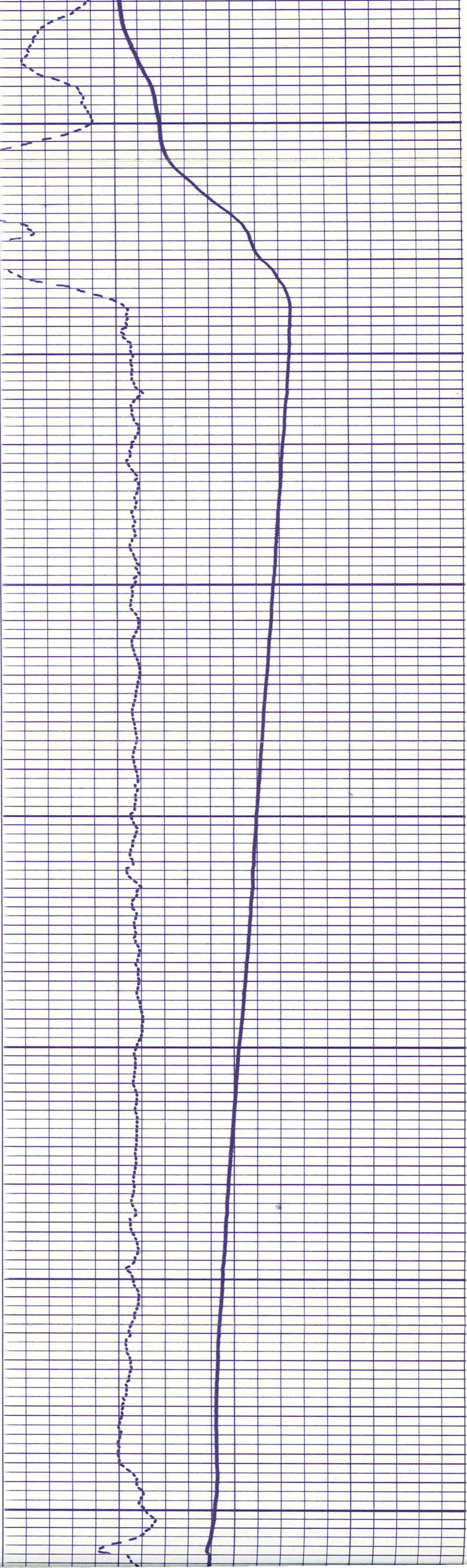
Area

2900

2800

2700





2700

2600

2500

2400



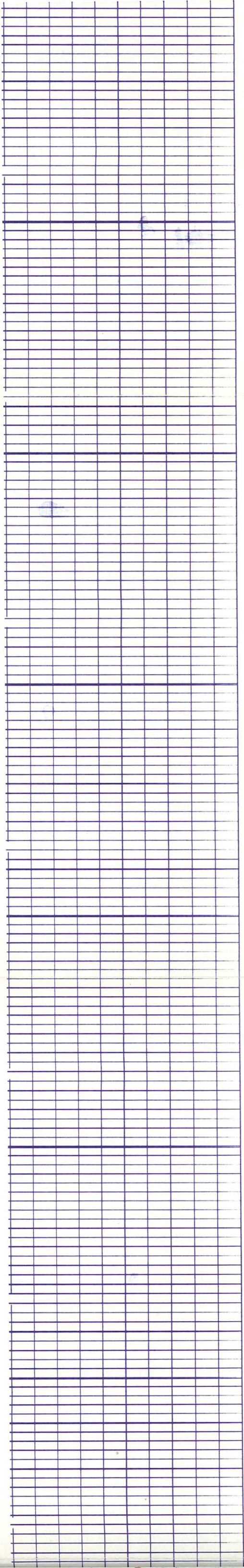


2400

2300

2200

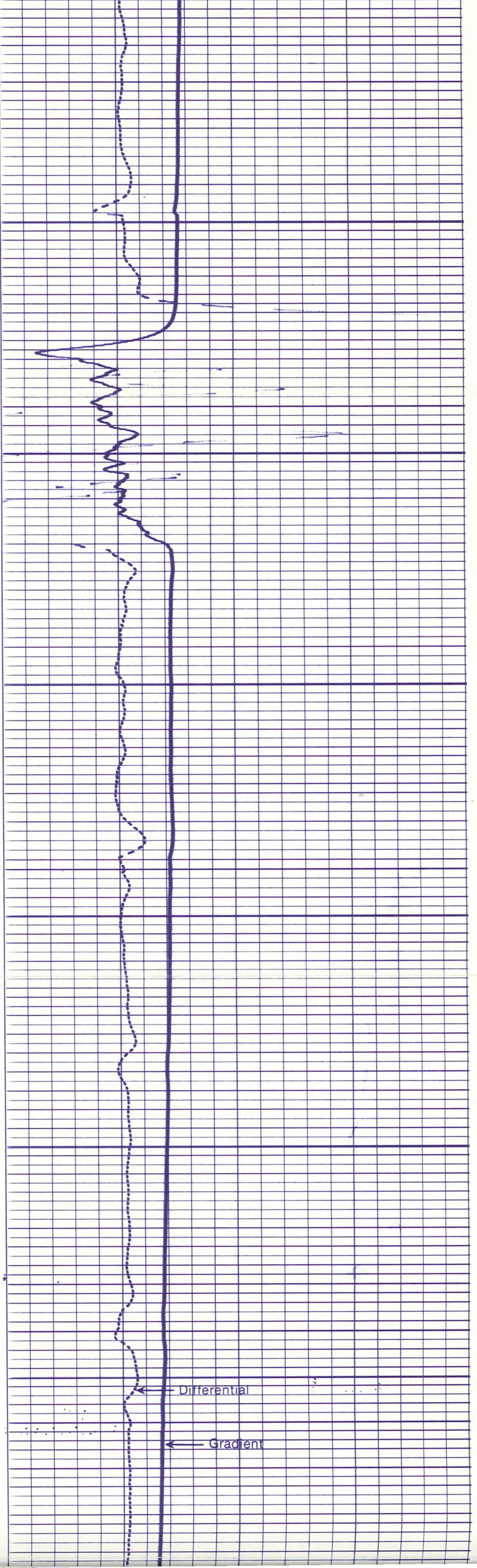
2100



2100

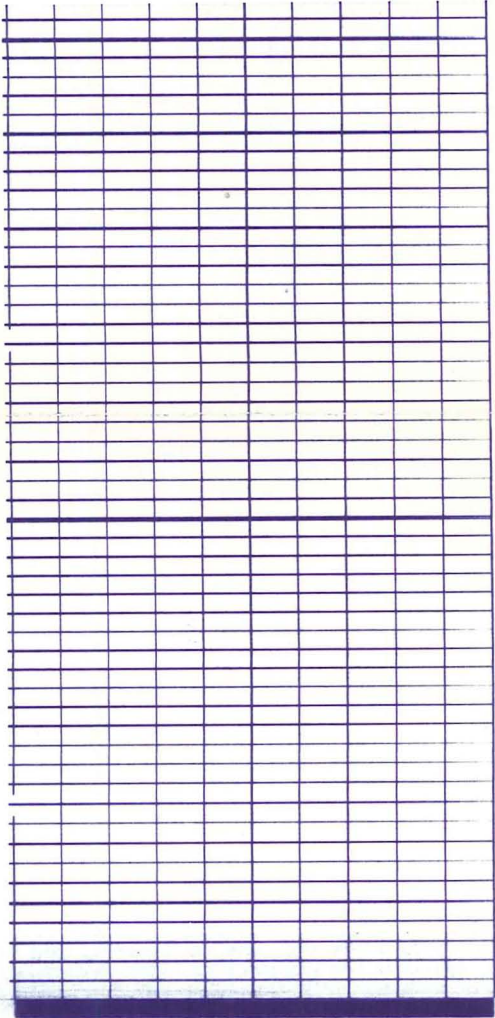
2000

1900

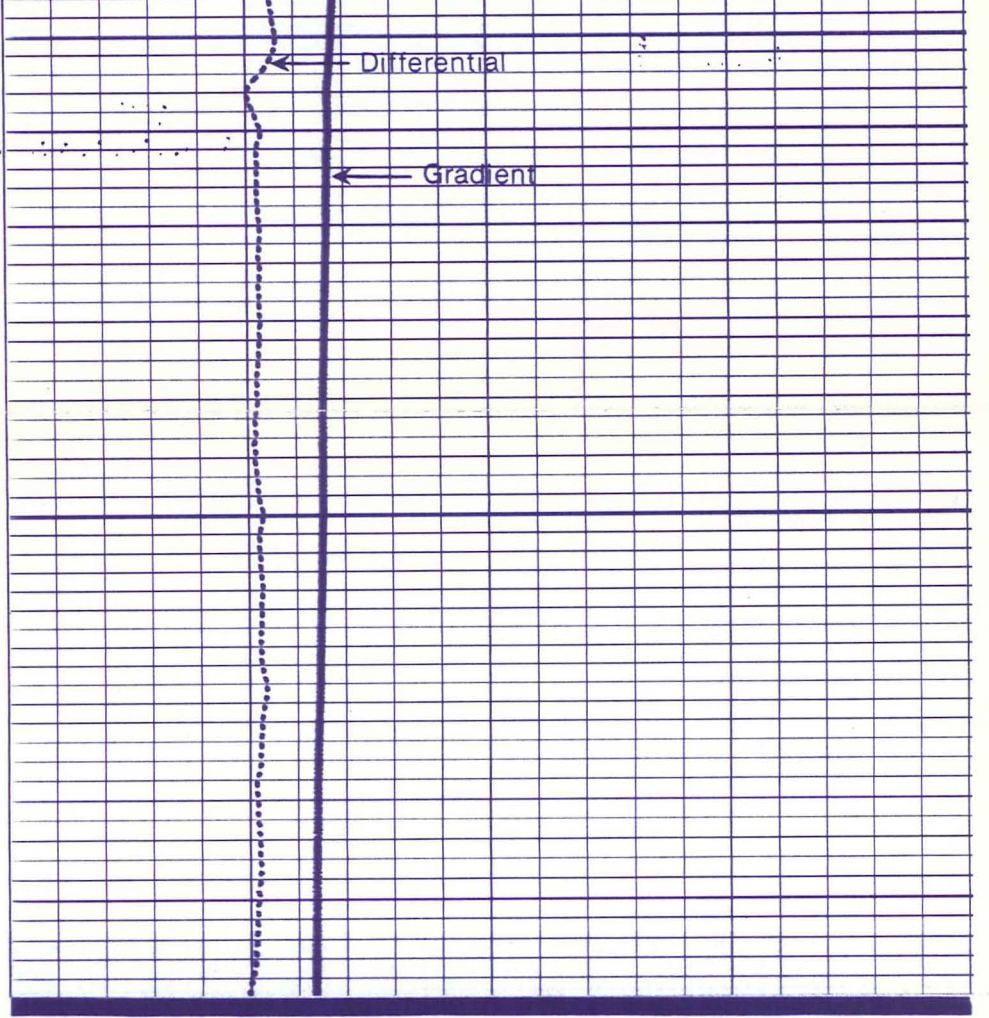


Differential

Gradient

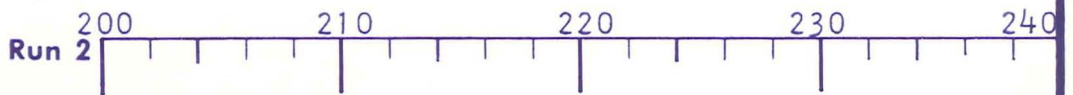


1801



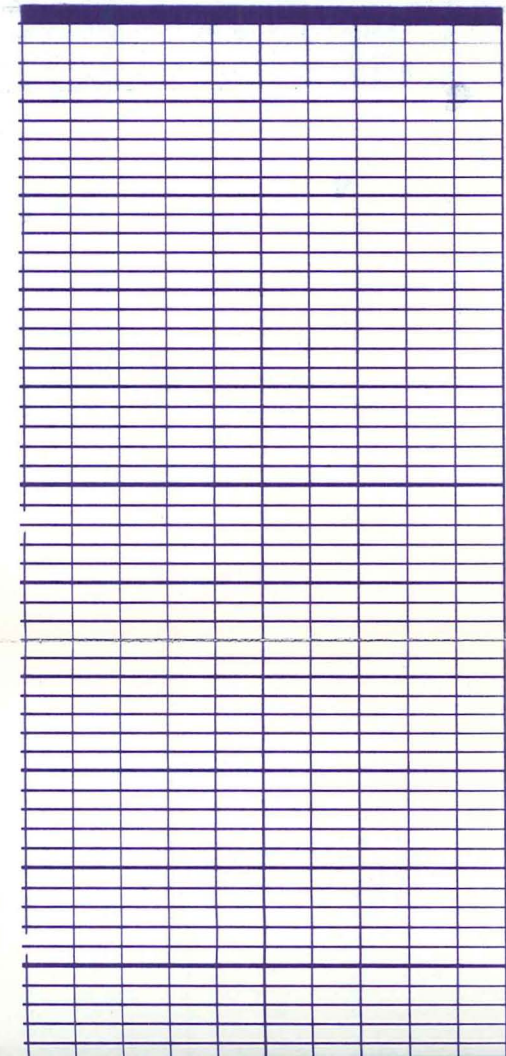
TEMPERATURE SURVEY

TEMPERATURE - °F

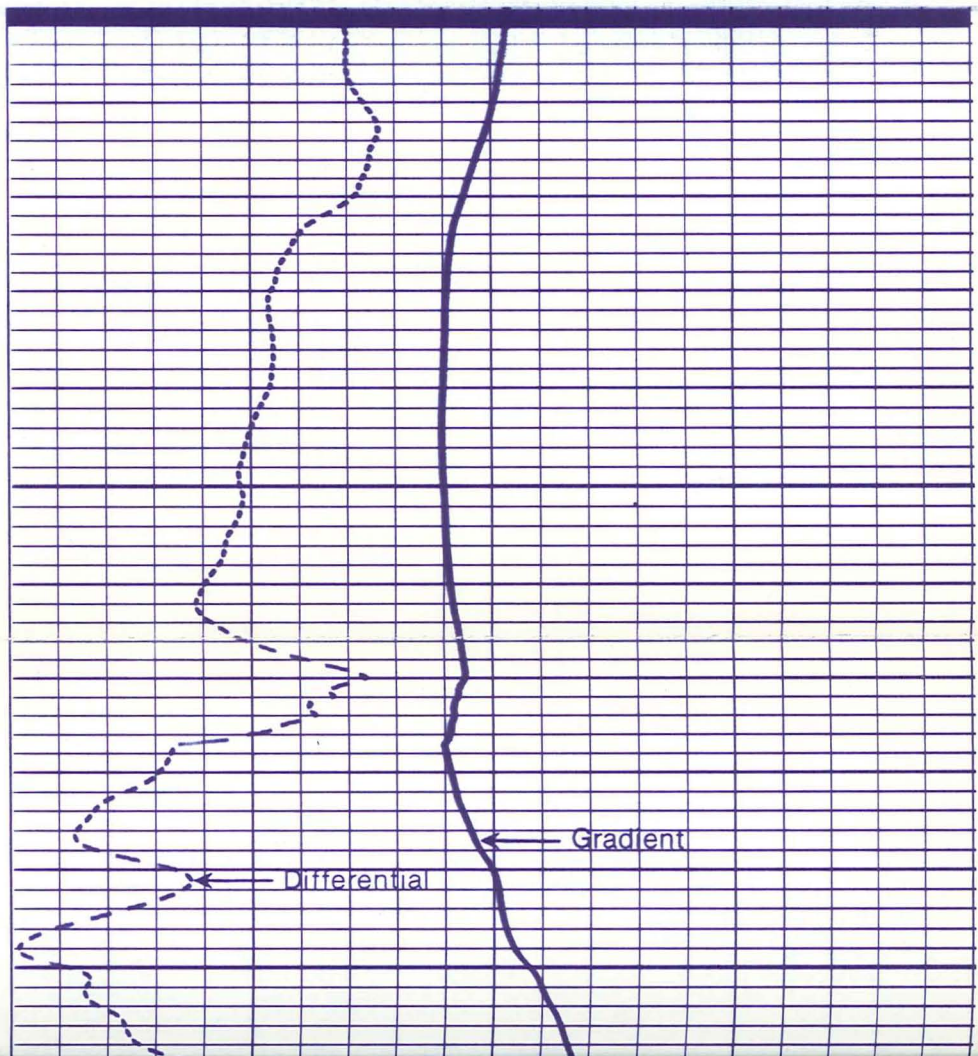


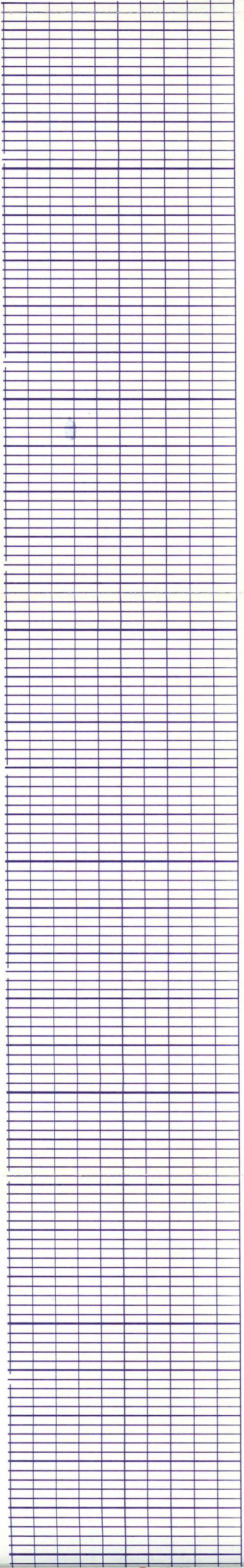
TEMPERATURE - °F

TEMPERATURE SURVEY



1801

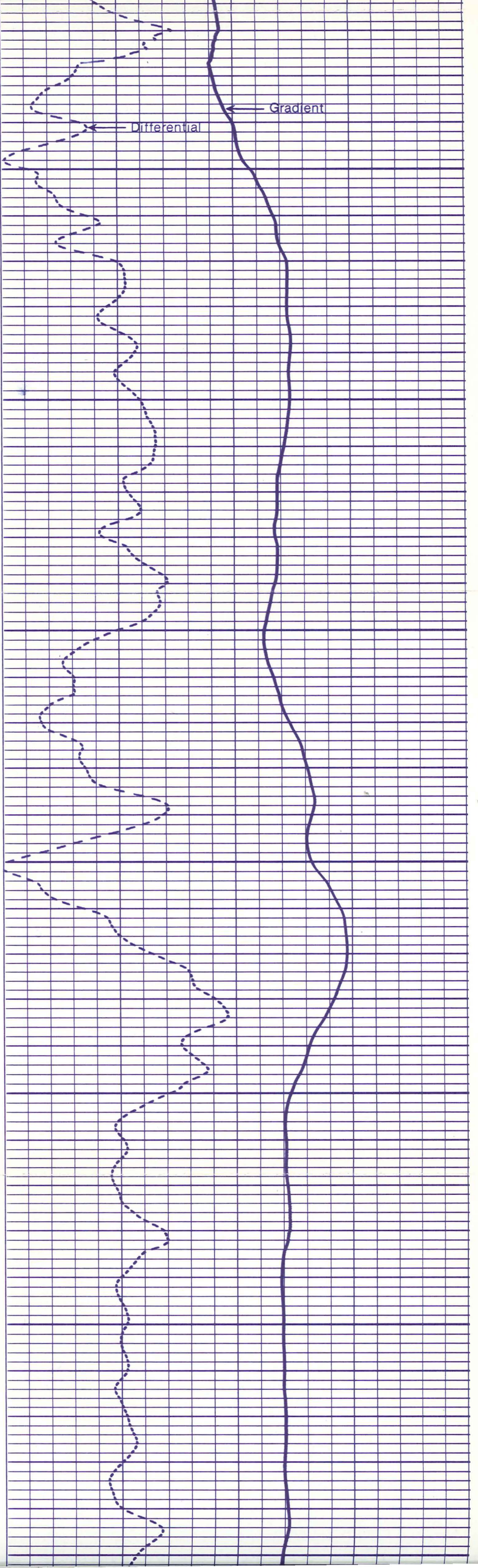


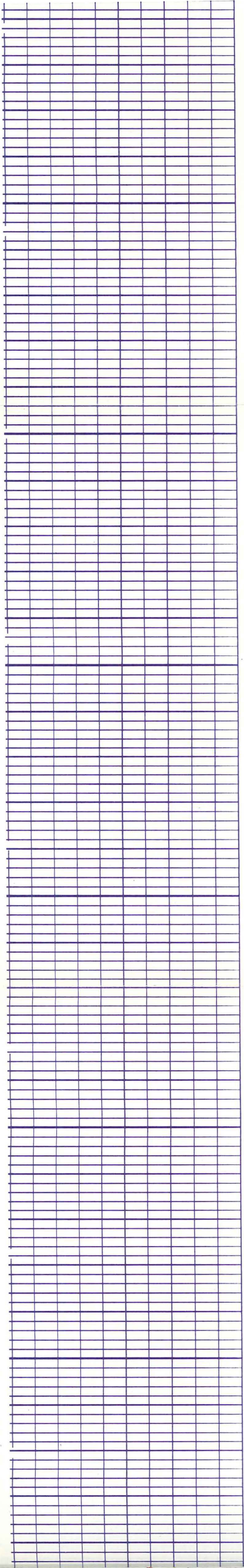


1900

2000

2100

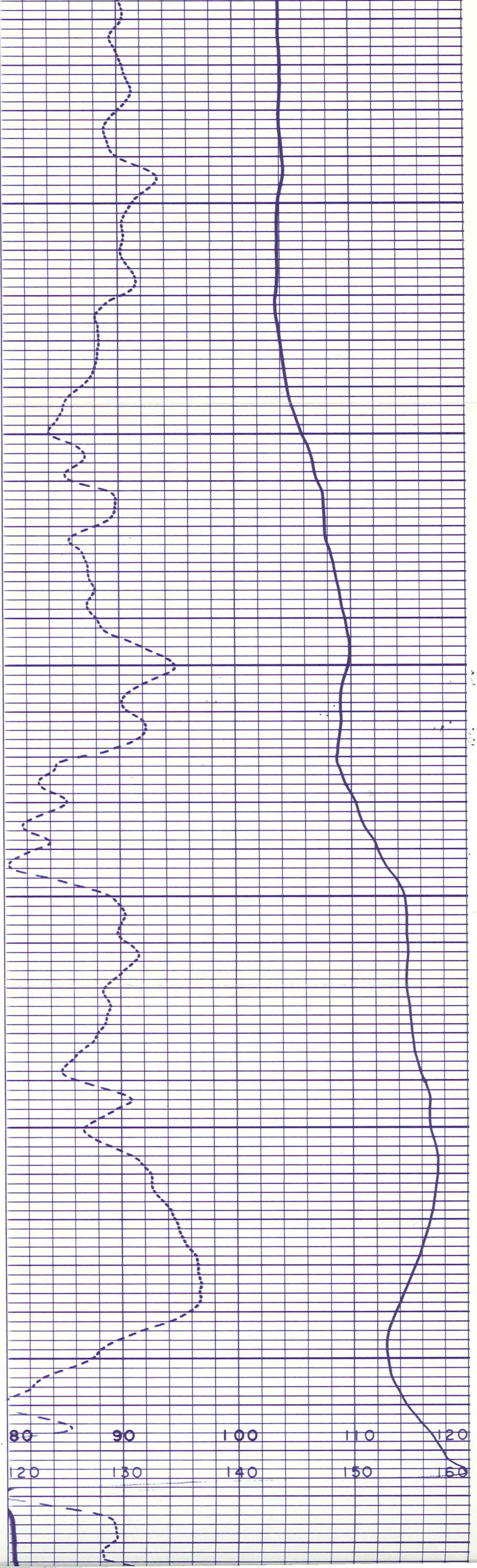




2200

2300

2400



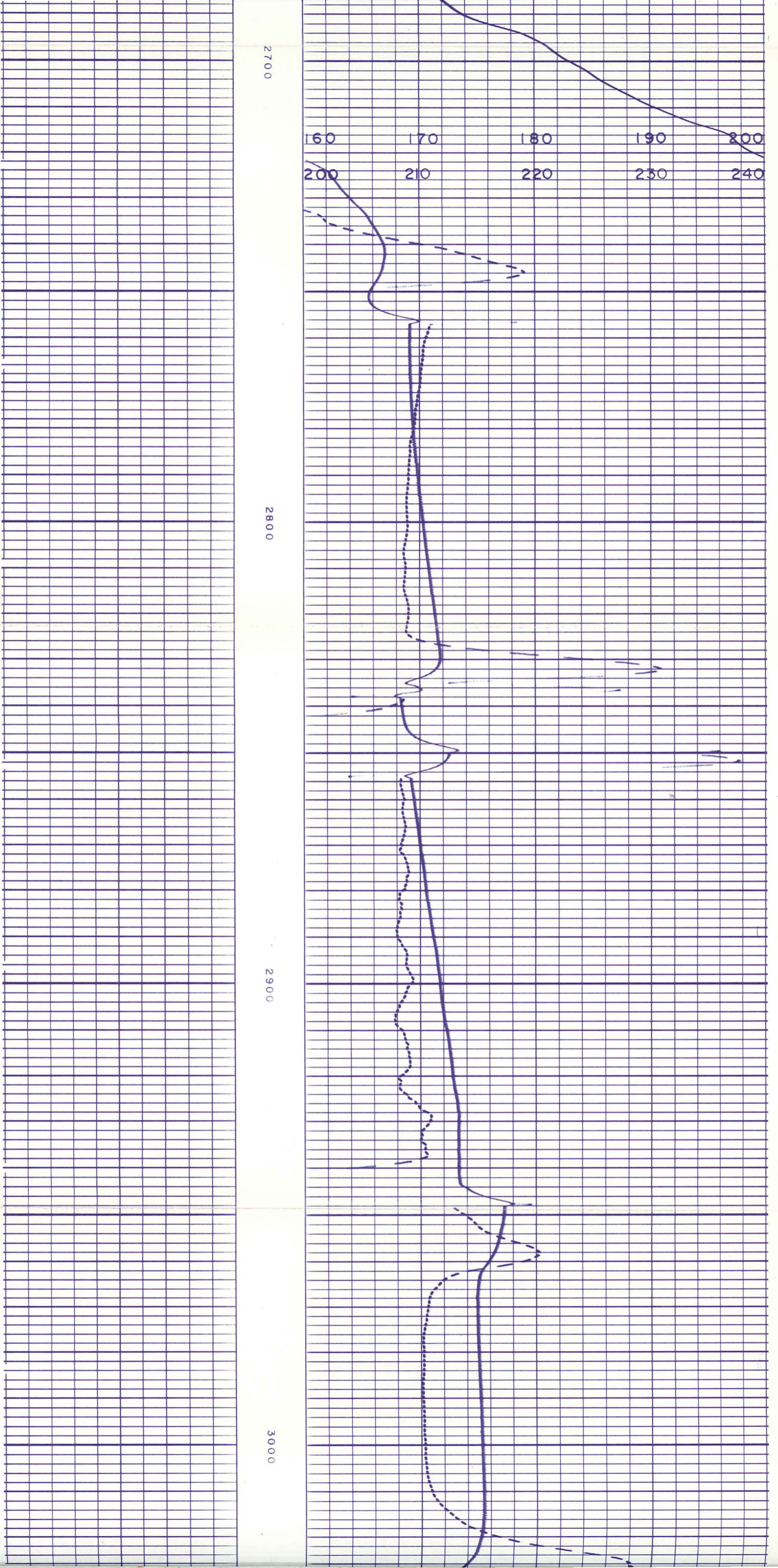
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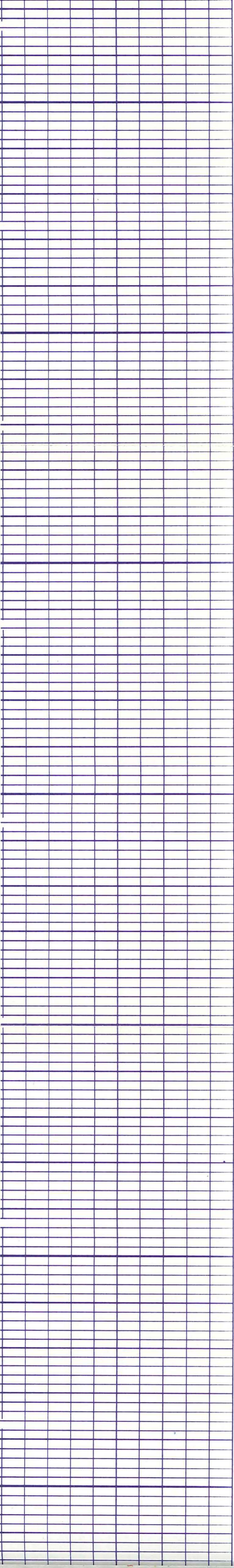
2500

2600

2700





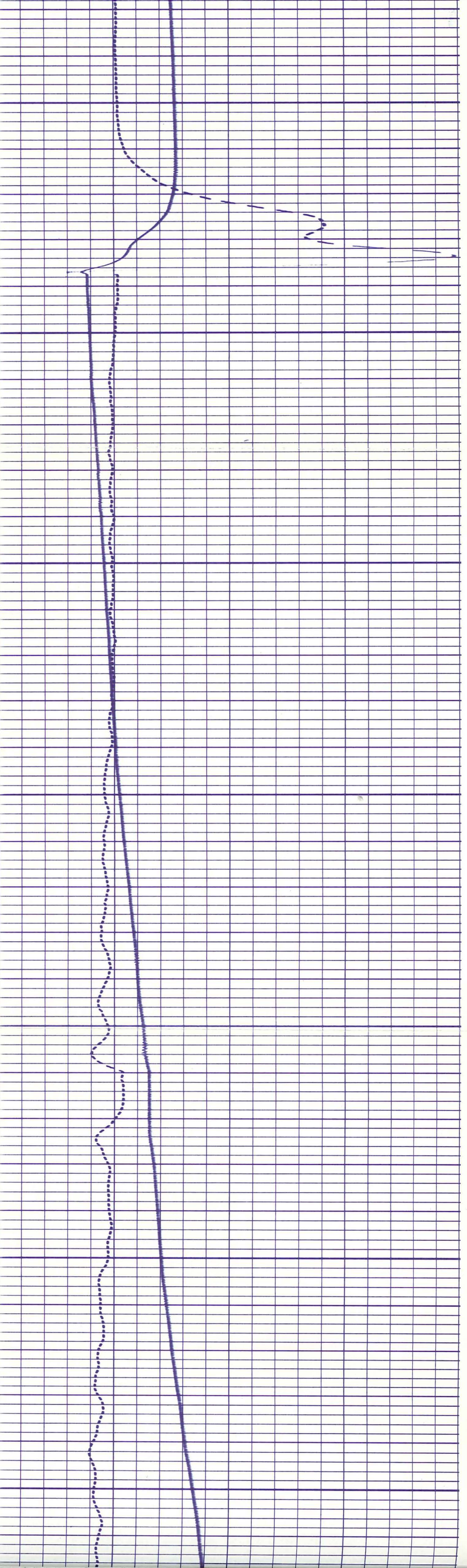


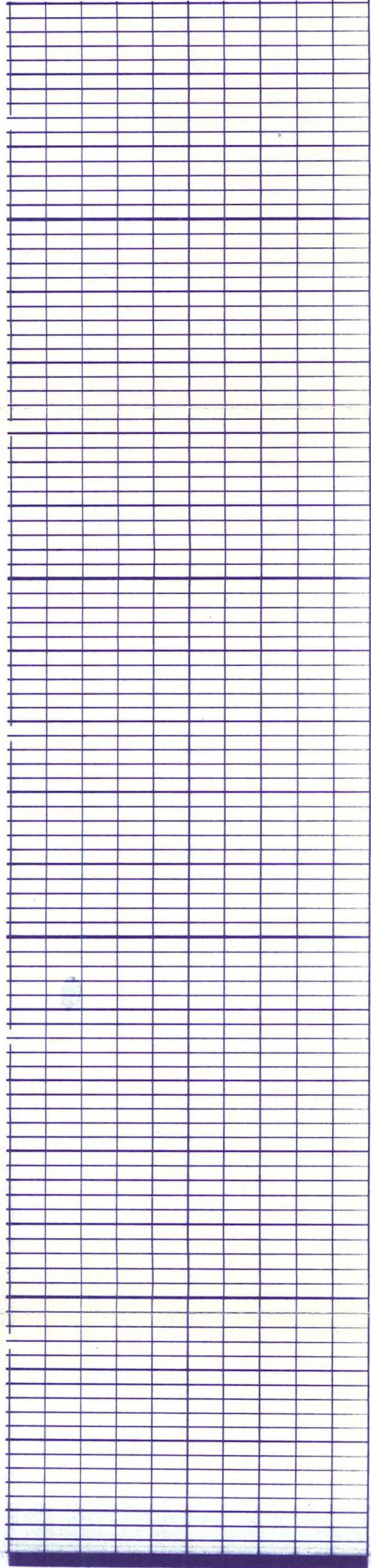
3000

3100

3200

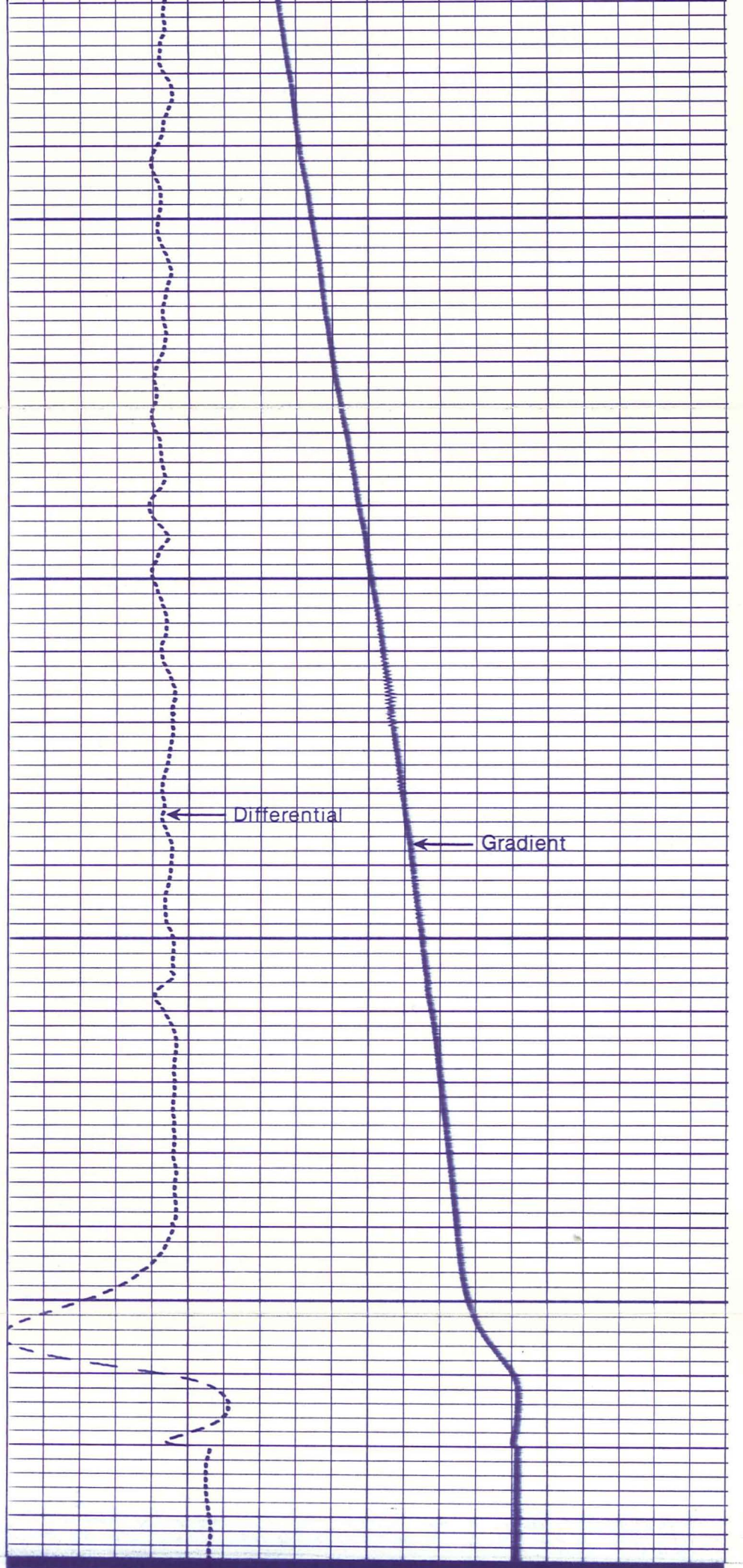
3300





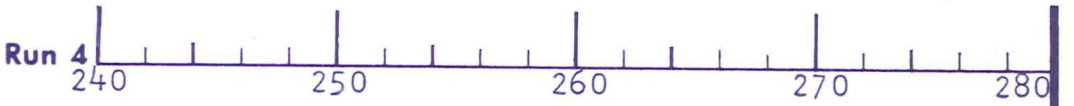
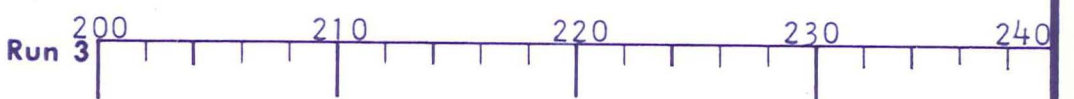
3300

3400



TEMPERATURE SURVEY

TEMPERATURE - °F

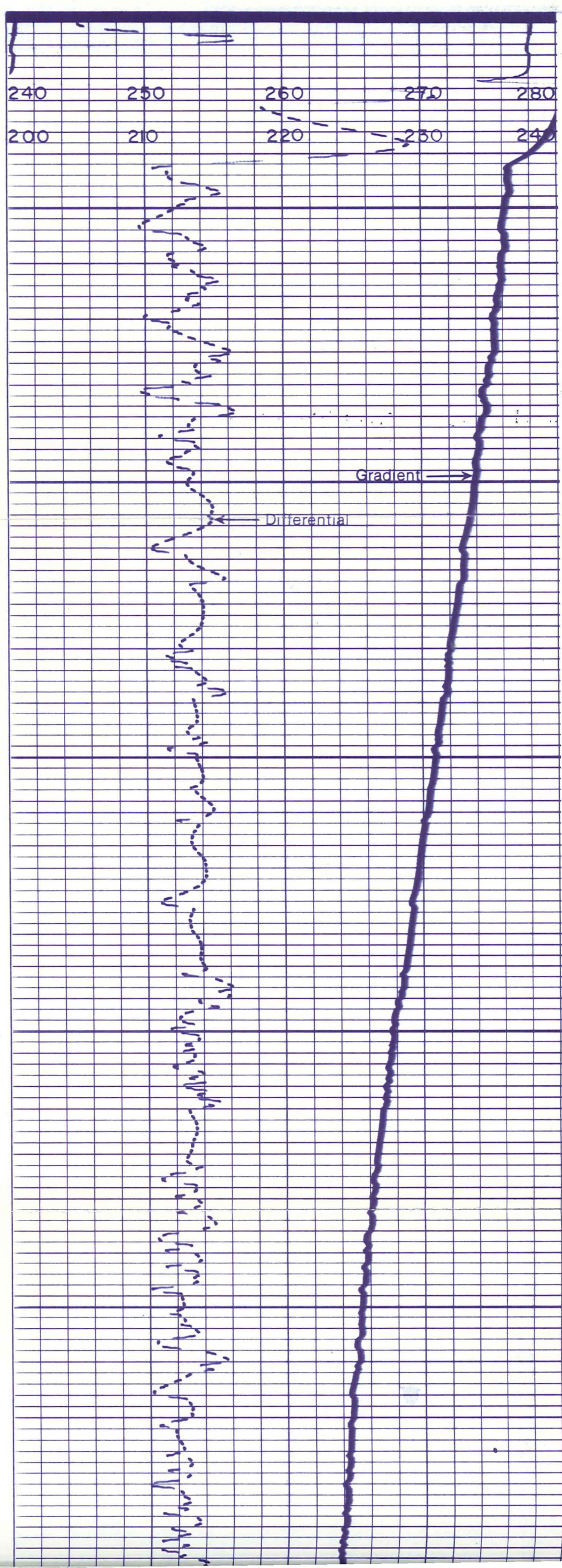
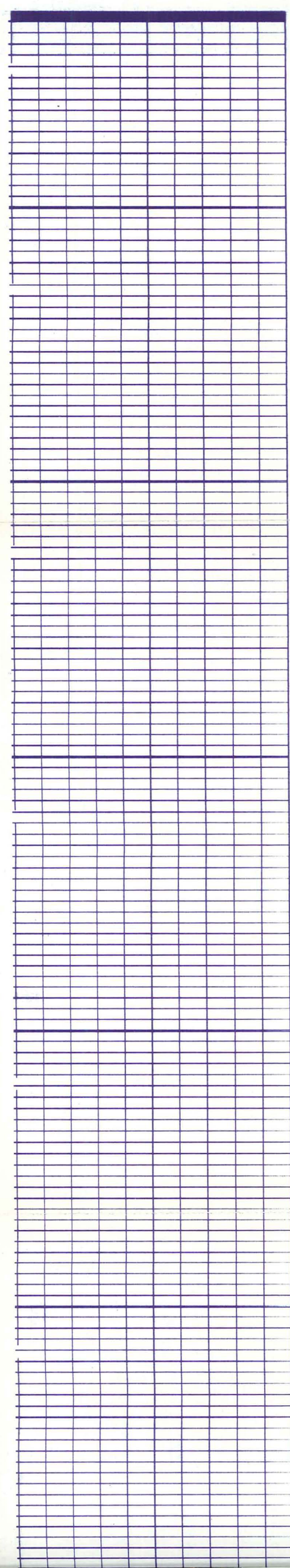


TEMPERATURE - °F

TEMPERATURE SURVEY

TEMPERATURE - °F

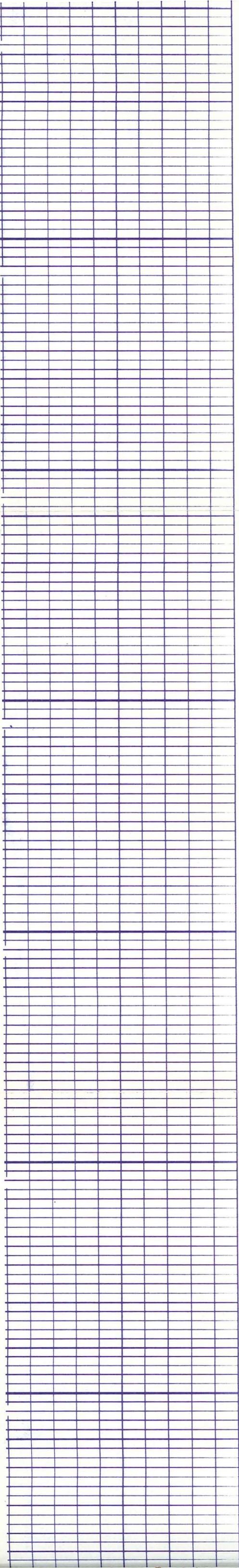
TEMPERATURE SURVEY



3400

3300

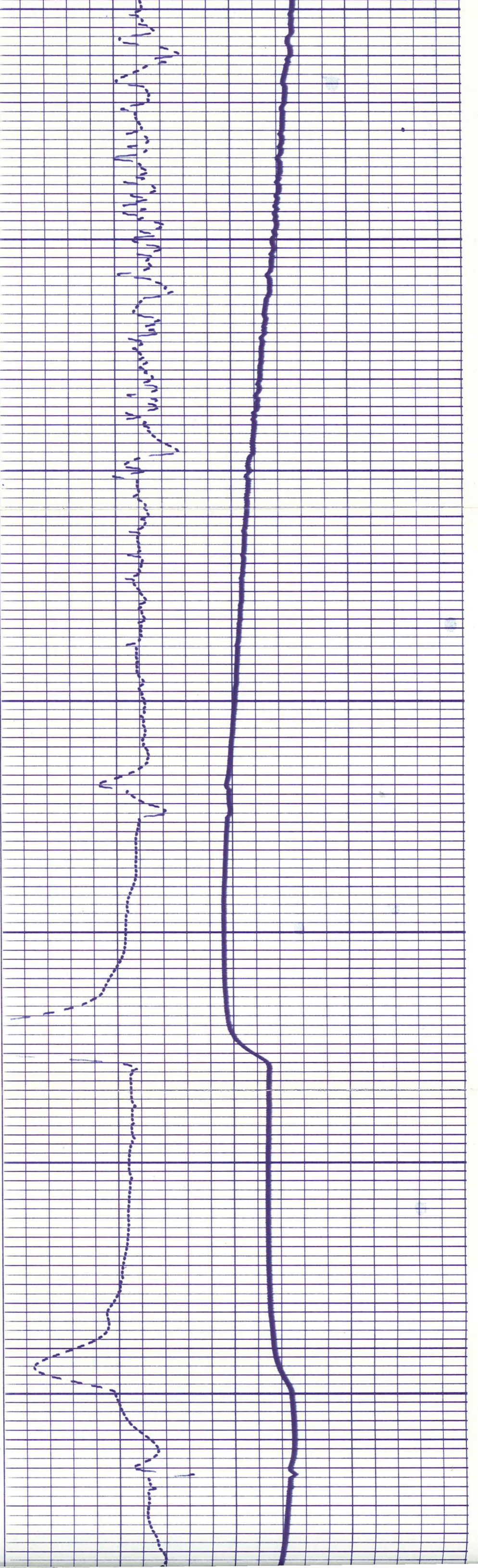
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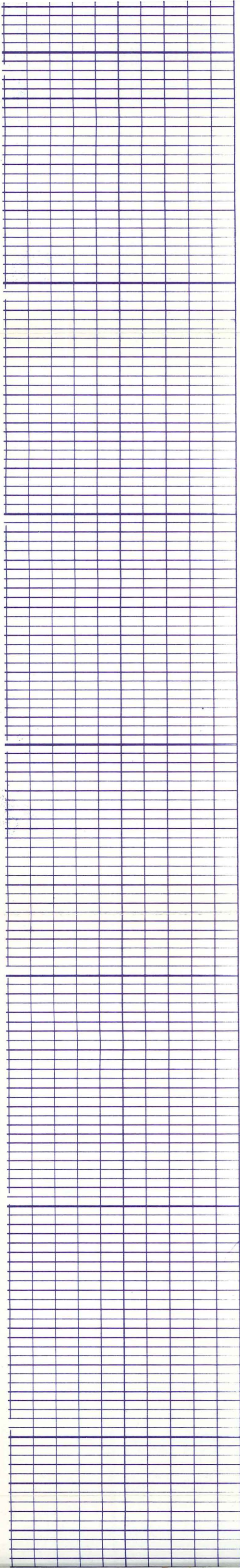


3200

3100

3000

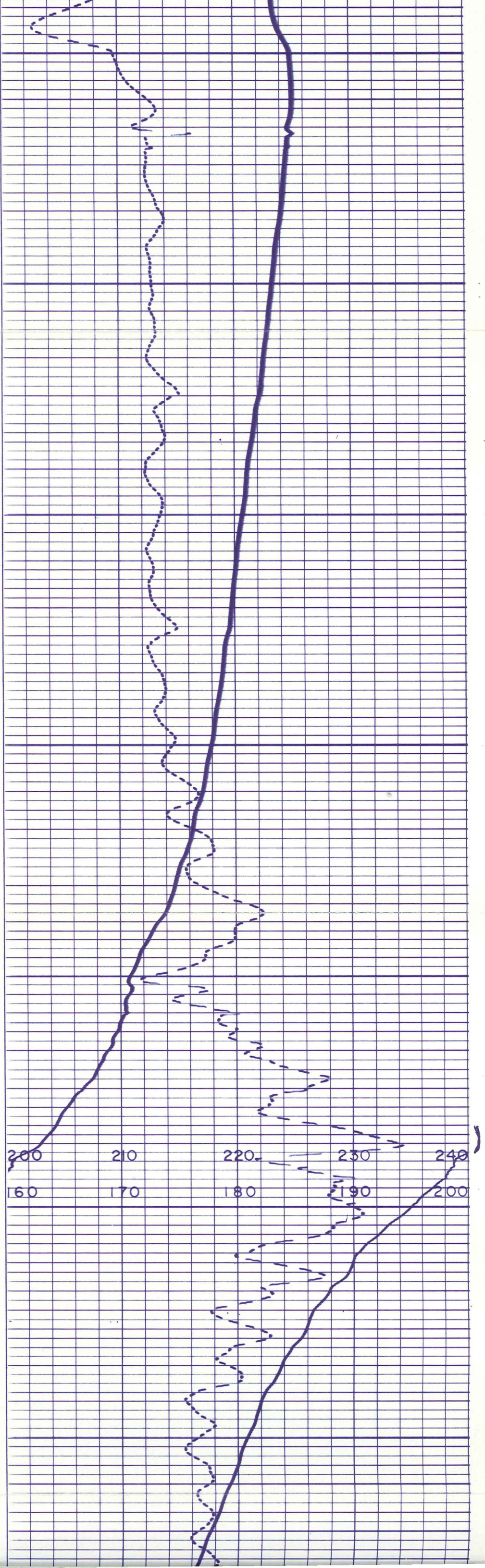




2900

2800

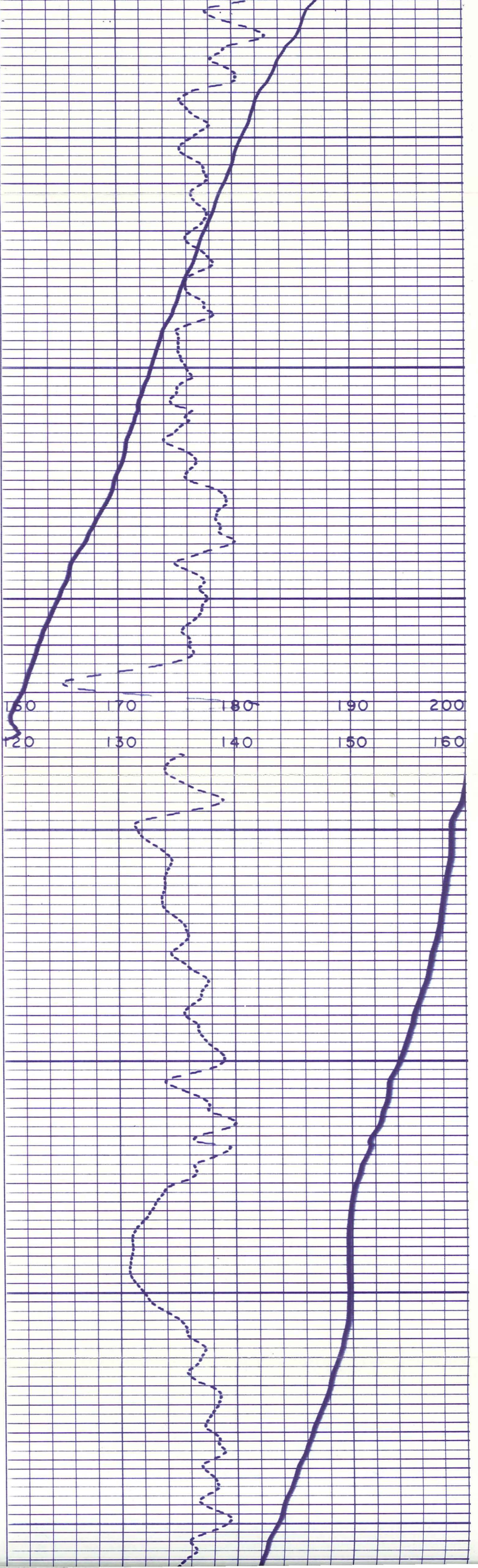
2700

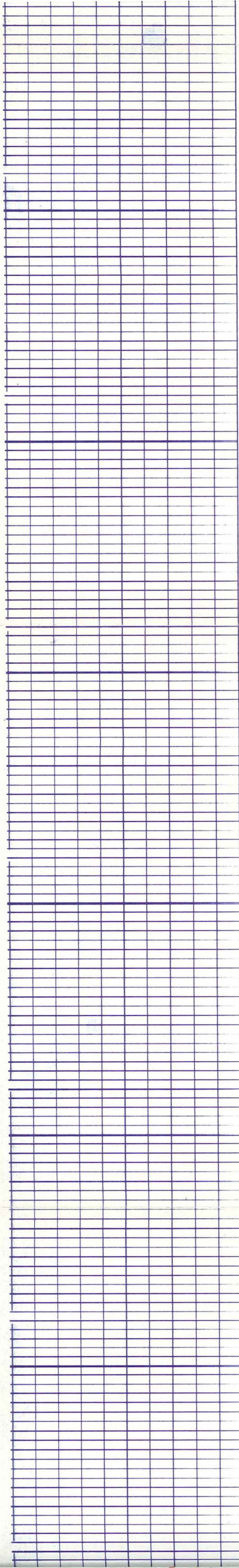


2600

2500

2400

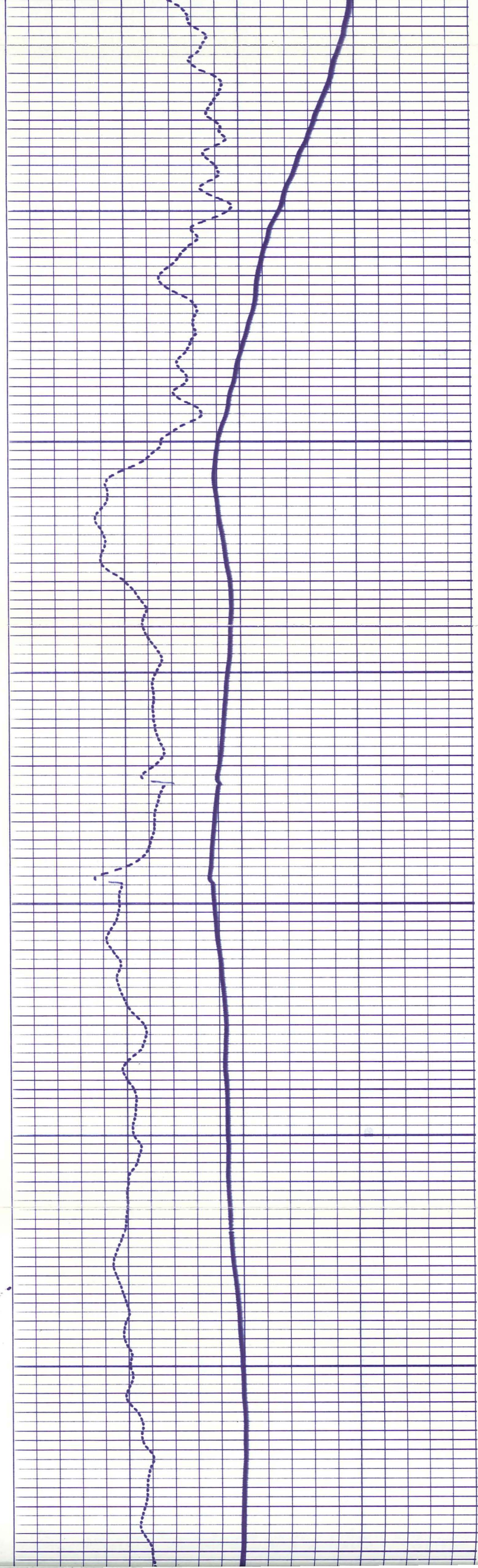


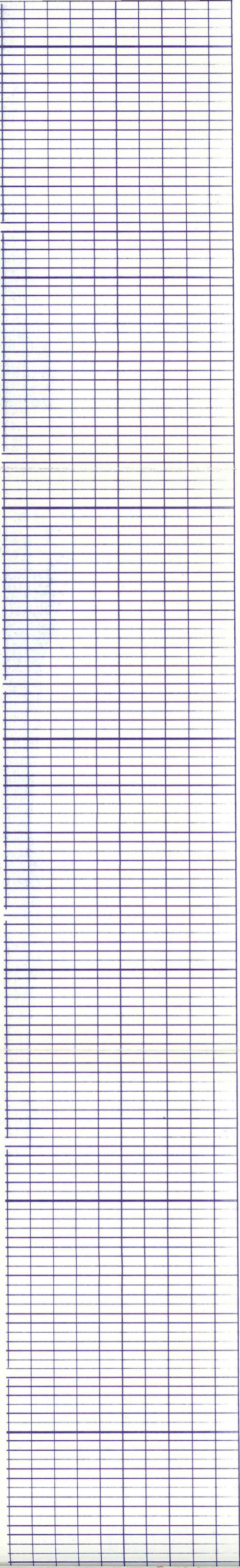


2300

2200

2100



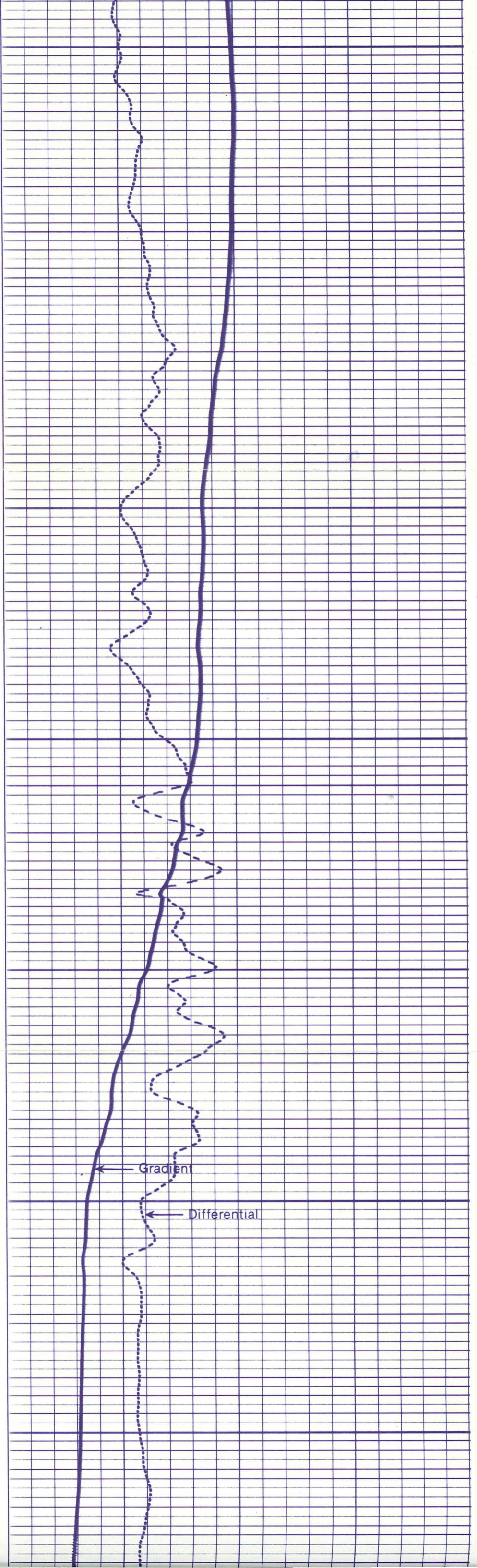


2100

2000

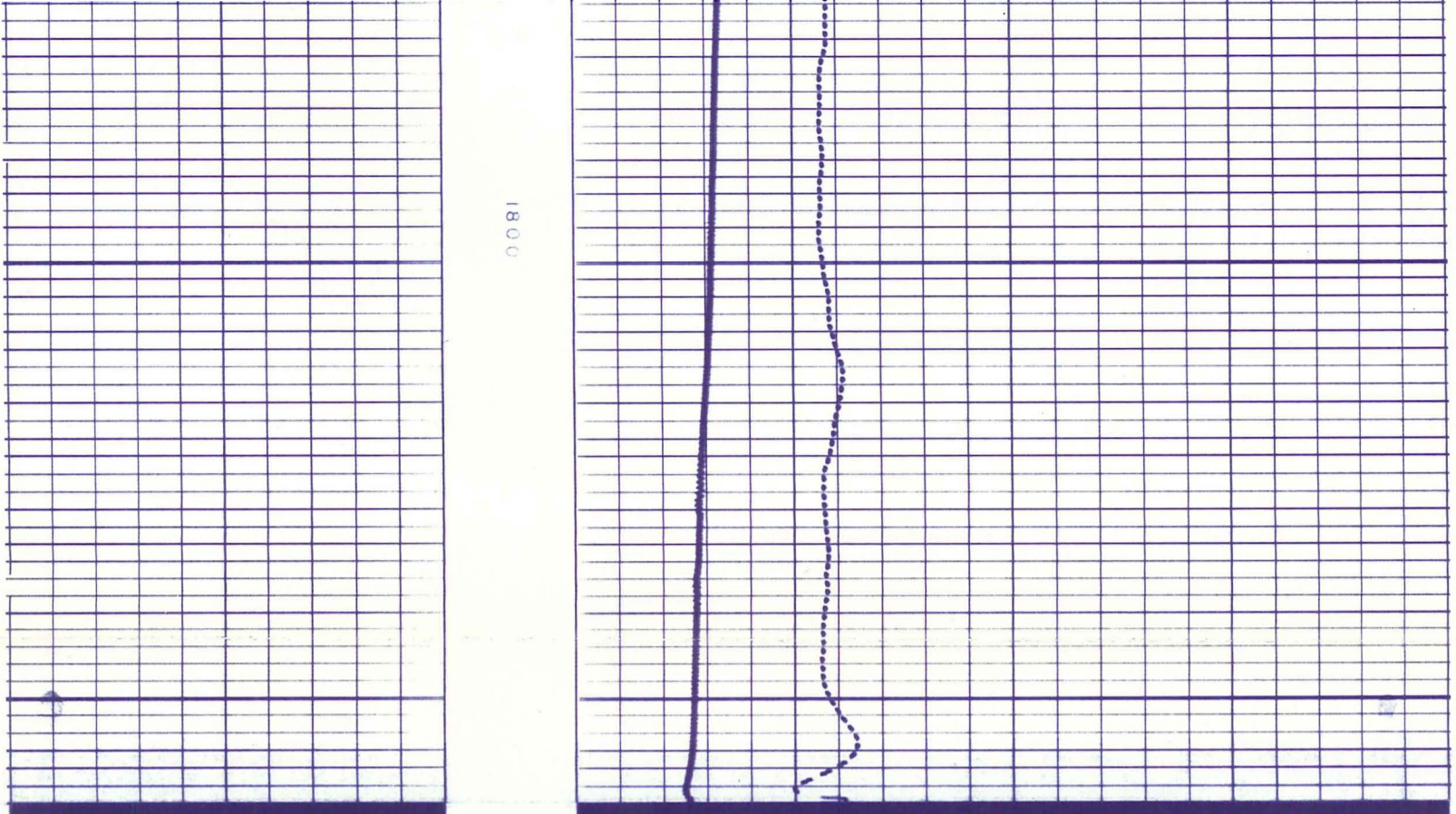
1900

1800



← Gradient

← Differential



Run 4
120 130 140 150 160

TEMPERATURE - °F

TEMPERATURE SURVEY

Company	E.G. & G. IDAHO, INCORPORATED	Drillers T.D.	3470
Well	RRGP-4	Log F.R.	3463
Field	RAFT RIVER GEOTHERMAL	Log T.D.	3464
County	CASSIA	Elevations:	
State	IDAHO	K.B. 4856	D.F. --- G.L. 4840



Division of Dresser Industries, Inc.