

TEMPERATURE LOG
CCL

WIRELINE SERVICE INC.

Company	URSA OPERATING COMPANY	Company	URSA OPERATING COMPANY
Well	CSF 44C-09-07-91	Well	CSF 44C-09-07-91
Field	CASTLE SPRINGS	Field	CASTLE SPRINGS
County	GARFIELD	County	GARFIELD
State	COLORADO	State	COLORADO
Location:		API #:	05-045-22415-0000
SEC. 9 TWP. 07S RGE. 91W		1448 FSL & 2506 FWL	Other Services
Permanent Datum	GROUND LEVEL	Elevation	6307'
Log Measured From	KELLY BUSHING	Elevation	K.B. 6822.5'
Drilling Measured From	KELLY BUSHING	Elevation	D.F. 6821.5'
		Elevation	G.L. 6807'

Date	15 JULY 2014
Run Number	ONE
Depth Driller	7973'
Depth Logger	7927'
Bottom Logged Interval	7927'
Top Log Interval	SURFACE
Open Hole Size	7 7/8"
Type Fluid	WATER
Density / Viscosity	--8.34#
Max. Recorded Temp.	198.8 DEG F
Estimated Cement Top	SEE LOG
Time Well Ready	N/A
Time Logger on Bottom	14:05
Equipment Number	FL0602W
Location	GRAND JUNCTION, CO
Recorded By	J. ARFSTEN
Witnessed By	R. MCNEILL
Borehole Record	
Run Number	Bit
From	To
Size	Weight
From	To
Tubing Record	
Run Number	Bit
From	To
Size	Weight
From	To
Casing Record	Size
Surface String	8 5/8"
Prot. String	32#
Production String	4 1/2"
Liner	11.6#
	0
	7973'

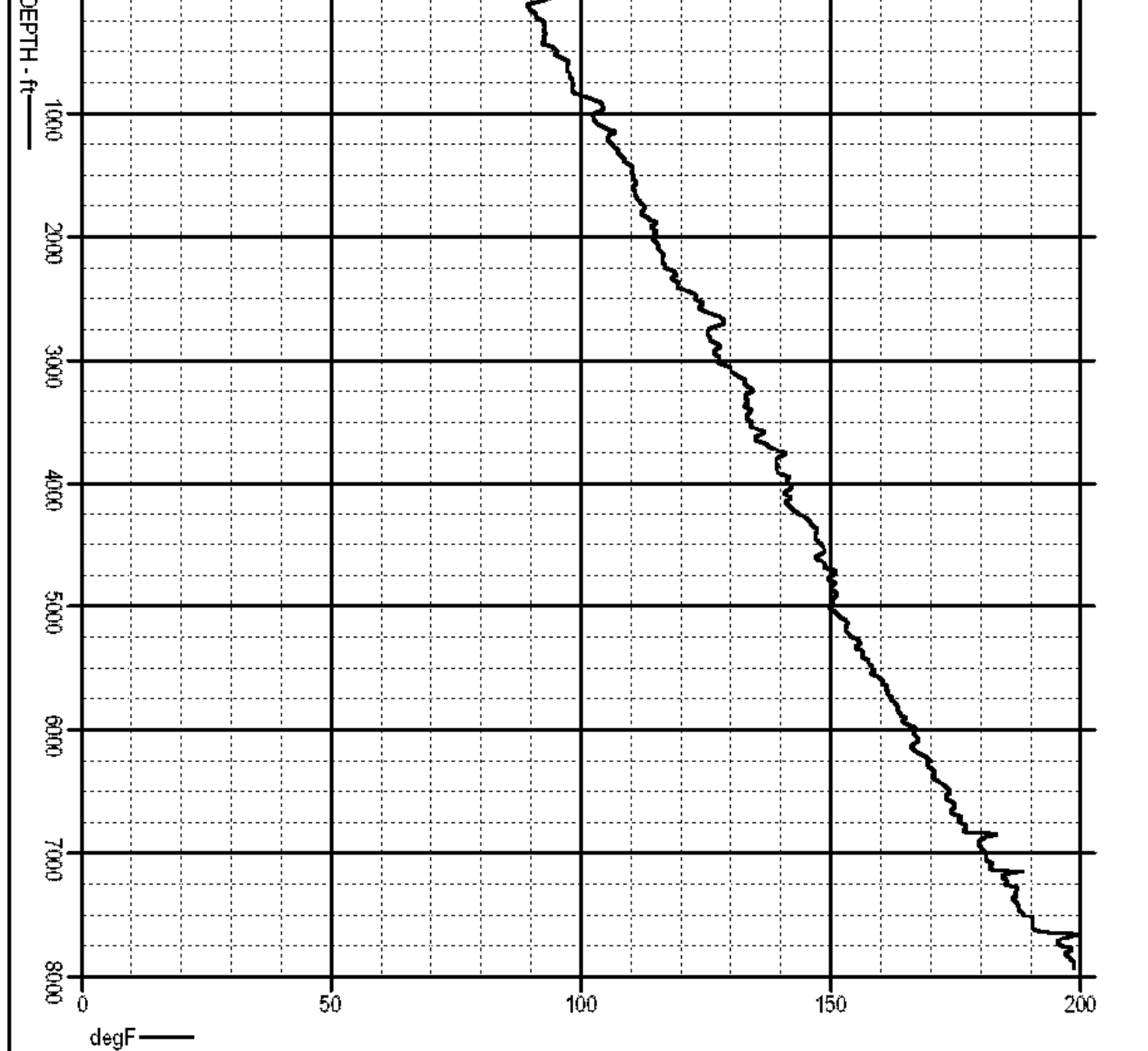
<<< Fold Here >>>

All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

LOG WAS TIED IN TO KELLY BUSHING

WE APPRECIATE YOUR BUSINESS, MESA WIRELINE LLC, GRAND JUNCTION CO. (970) 257-04

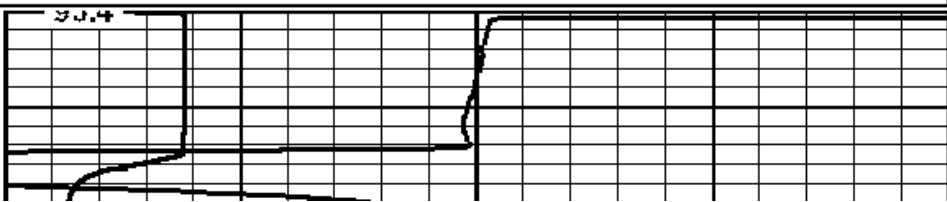
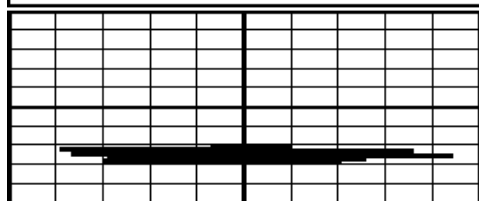


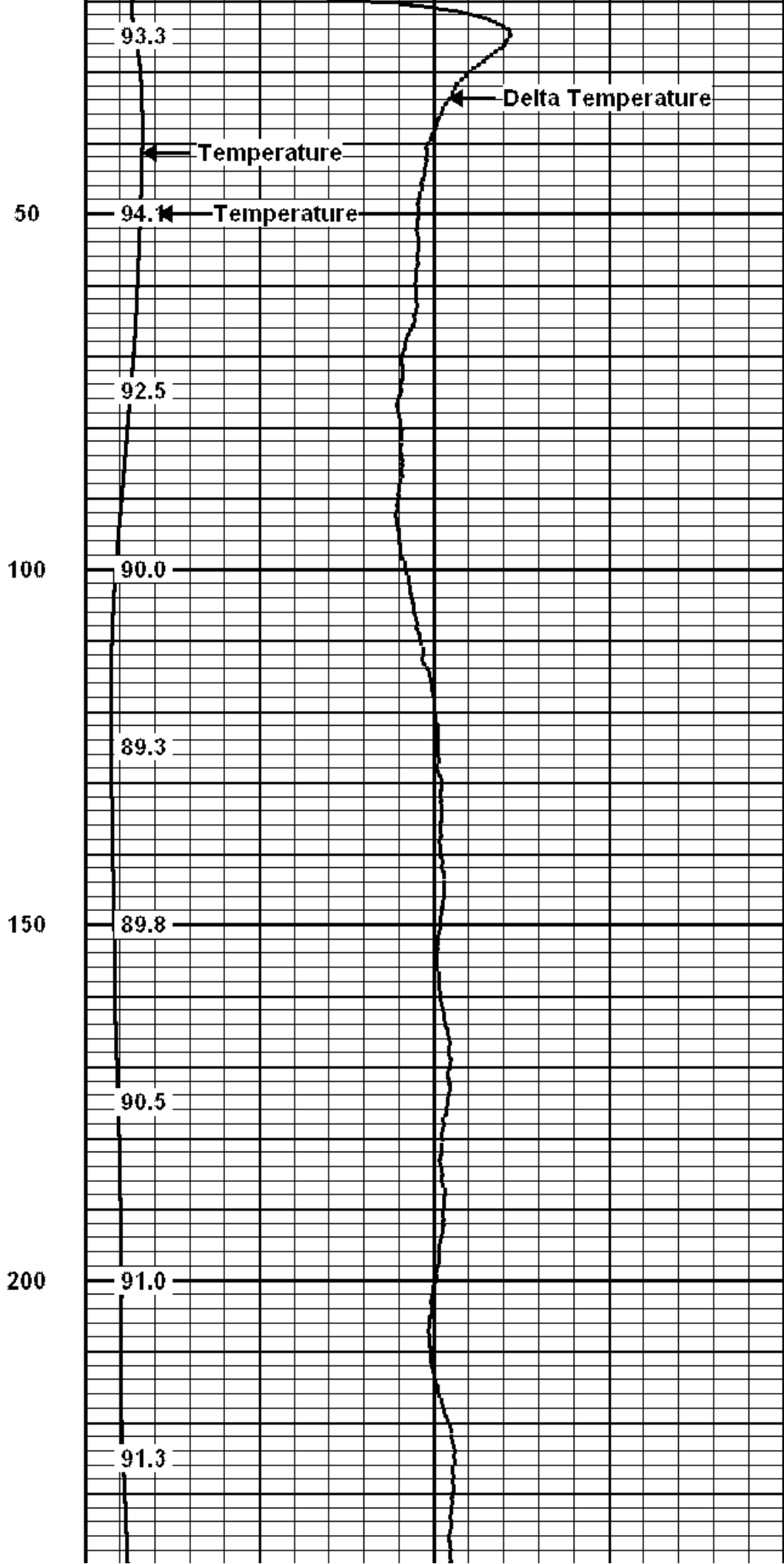
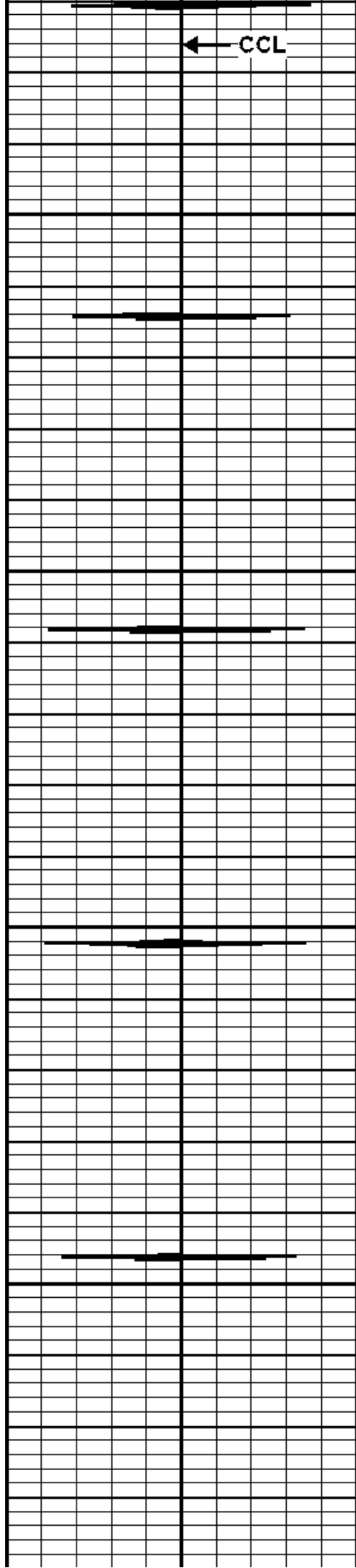
Database File: csf_44c-09-07-91_temp.db
Dataset Pathname: pass3
Presentation Format: temp
Dataset Creation: Tue Jul 15 12:51:09 2014 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

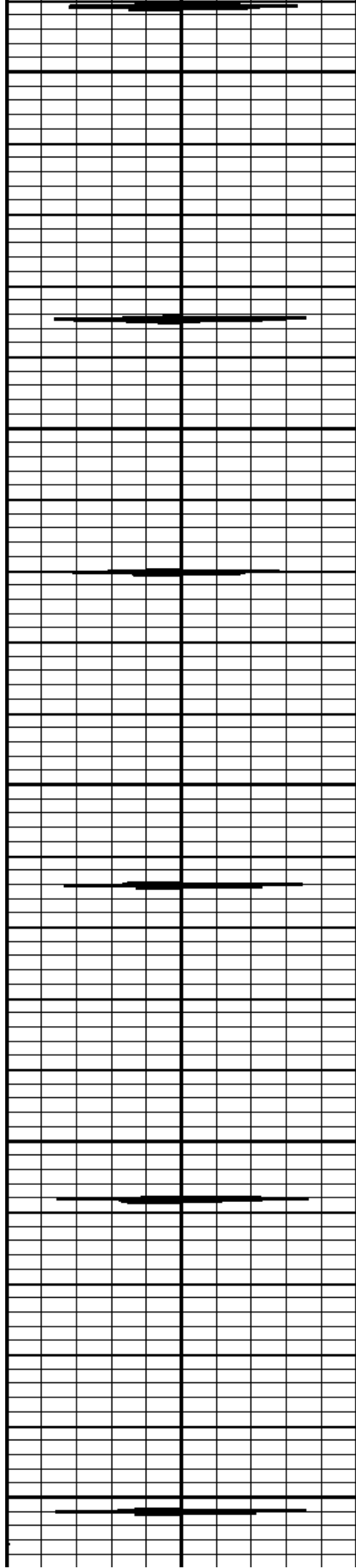
-5	CCL	5
0	LTEN (lb)	5000

85	TEMP (degF)	200
-1	DTMP (degF)	1

TEMP
(degF)







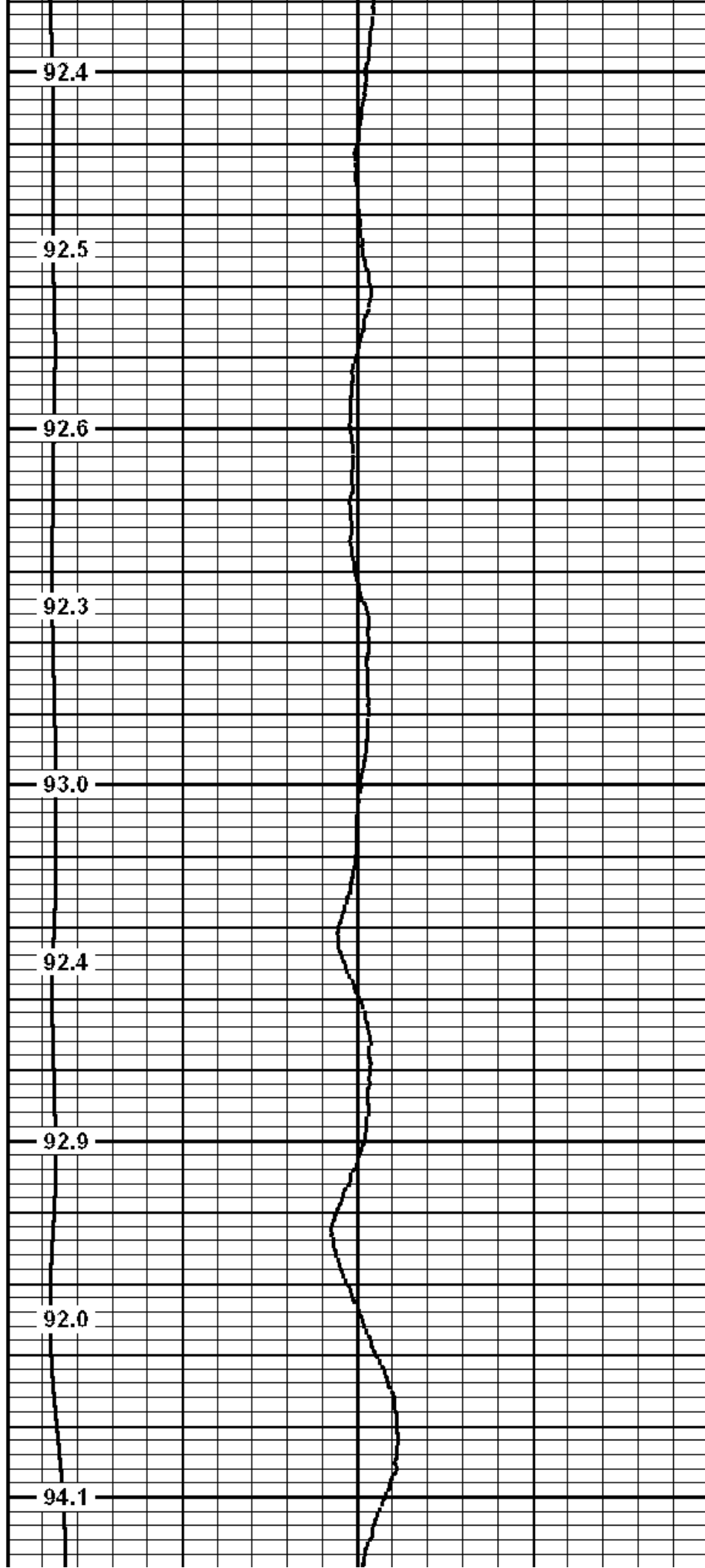
250

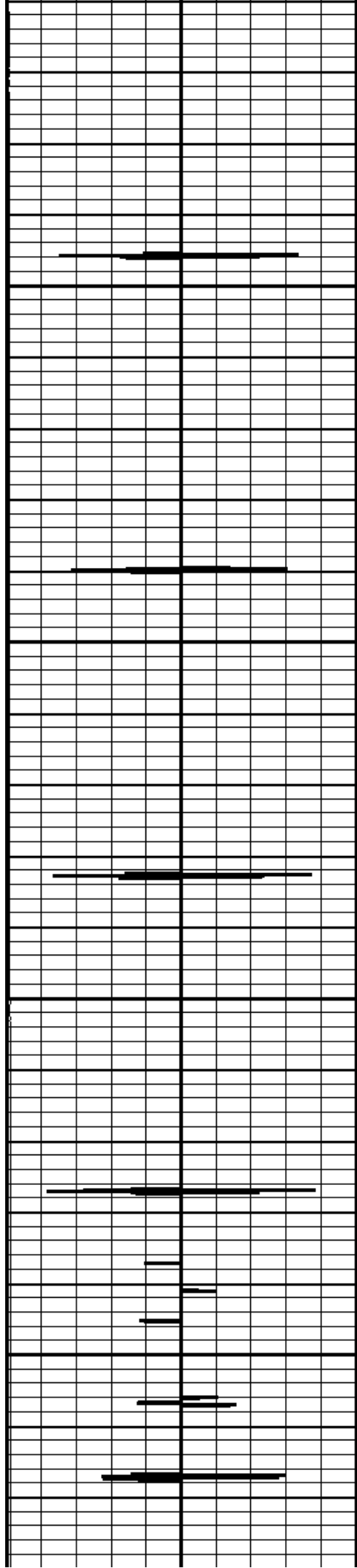
300

350

400

450



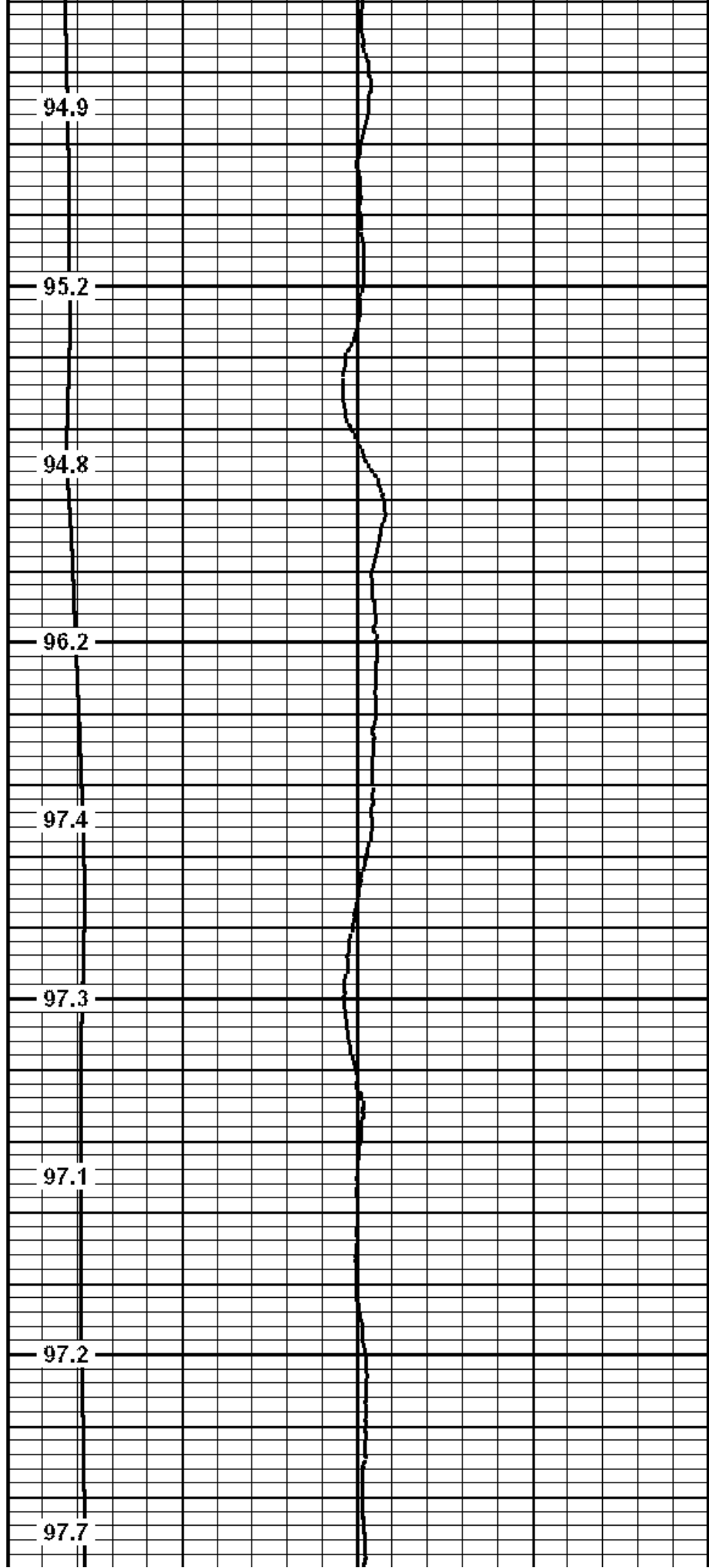


500

550

600

650



94.9

95.2

94.8

96.2

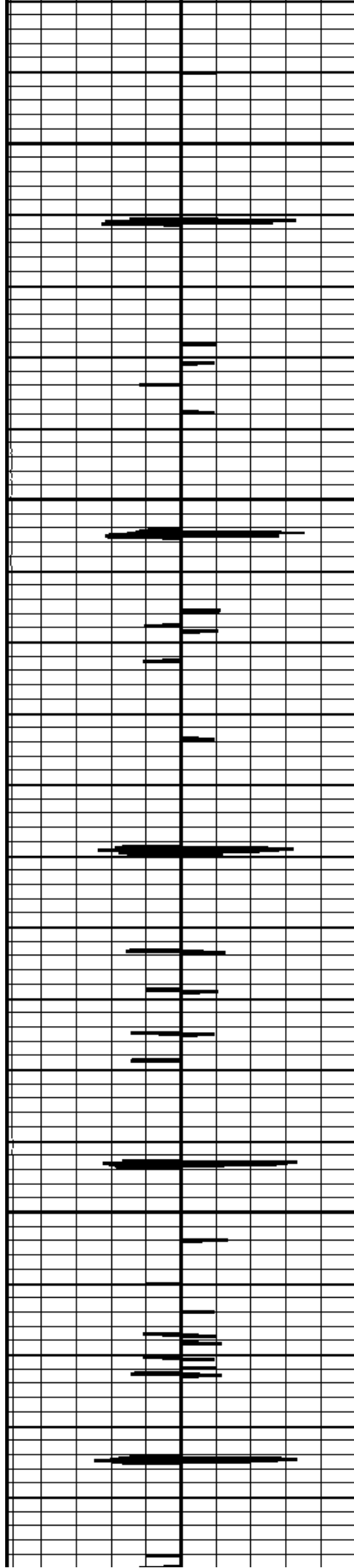
97.4

97.3

97.1

97.2

97.7



700

750

800

850

900

97.9

98.3

98.3

98.3

98.4

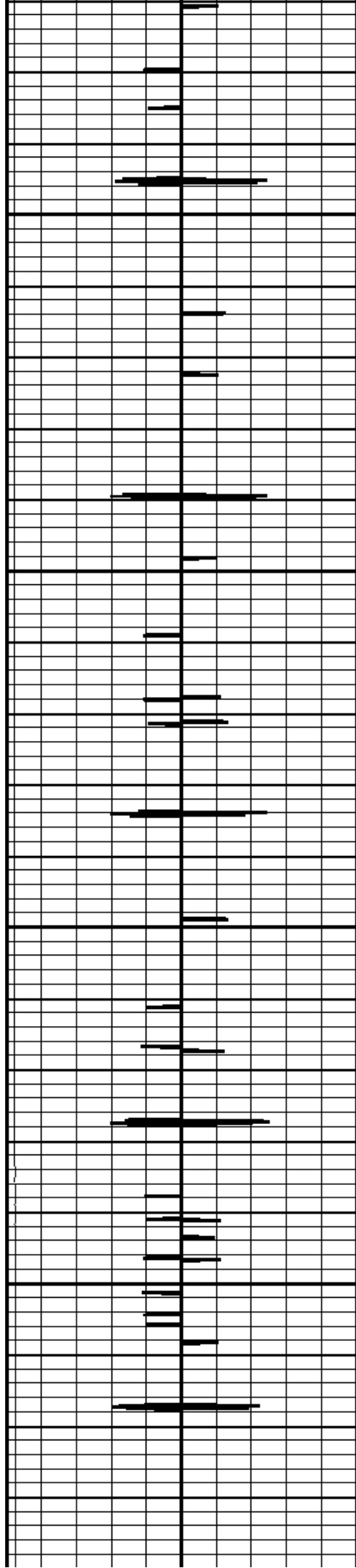
98.8

99.8

101.5

102.4



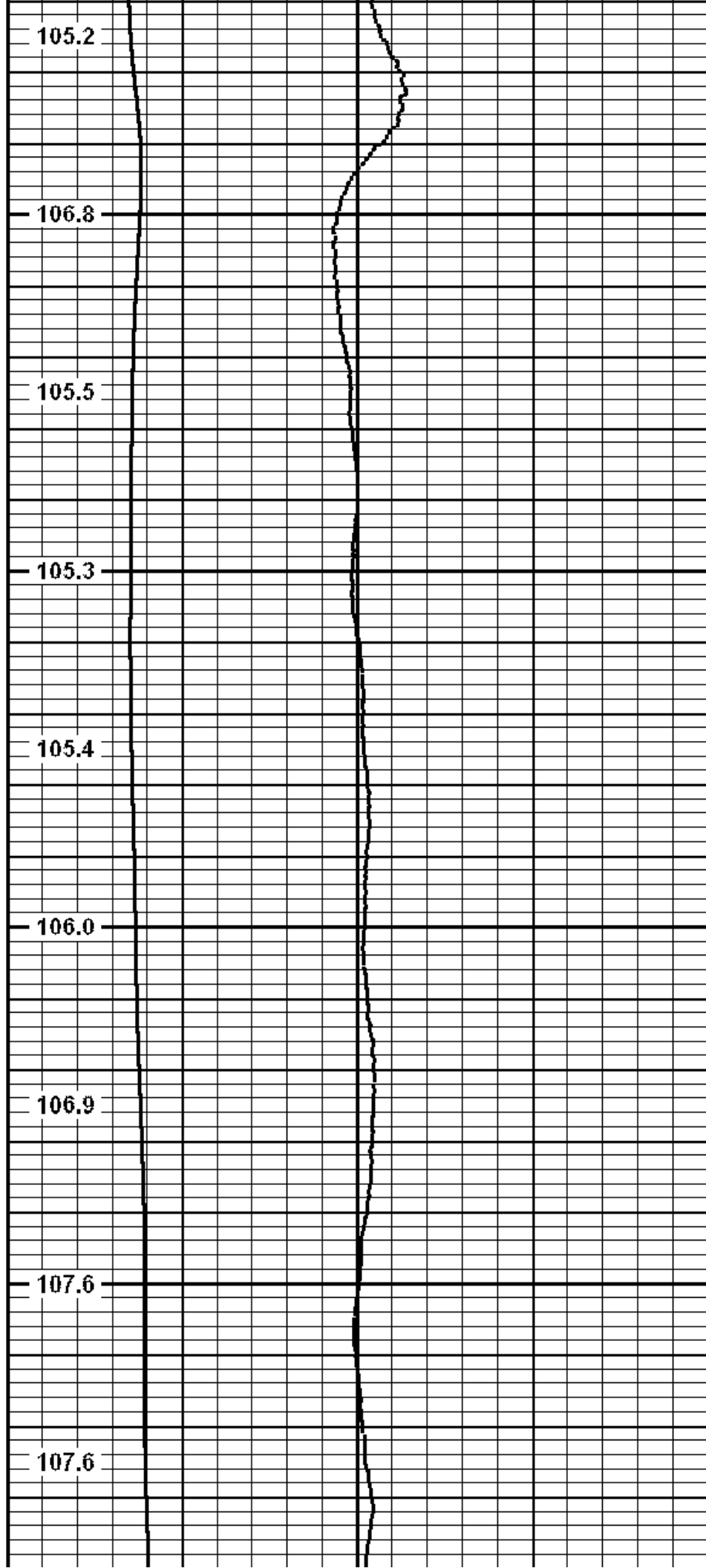


1150

1200

1250

1300



105.2

106.8

105.5

105.3

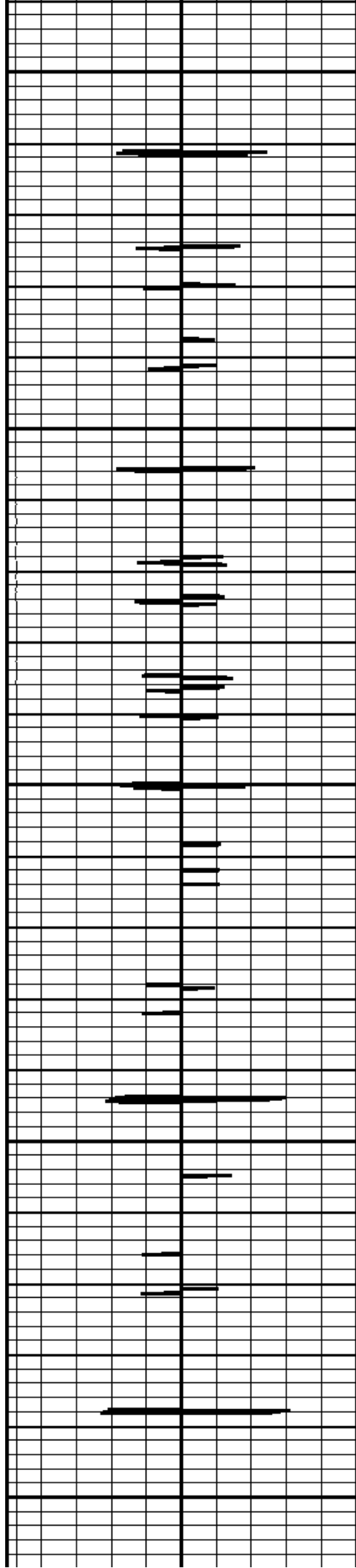
105.4

106.0

106.9

107.6

107.6



1350

108.4

108.7

1400

109.1

110.1

1450

110.2

110.1

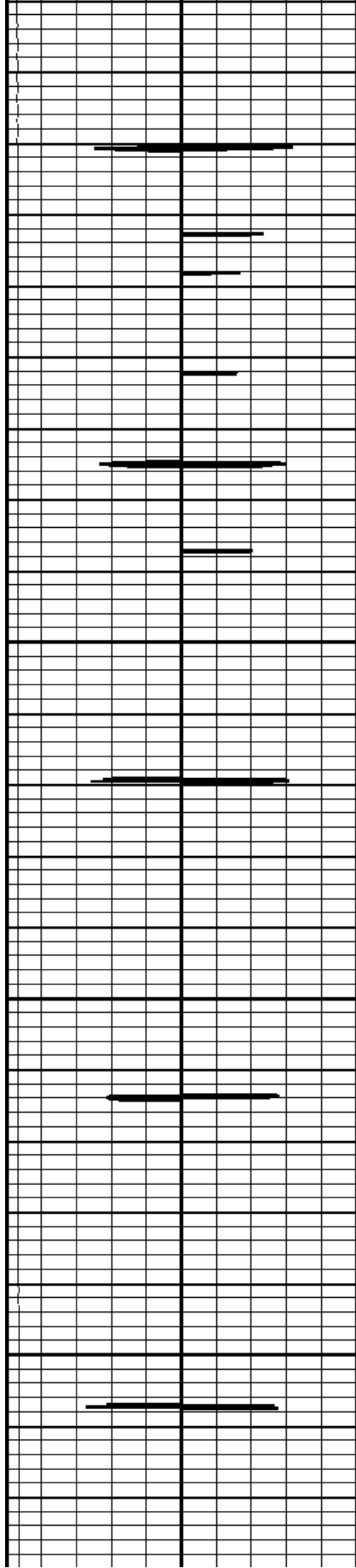
1500

110.4

110.4

1550

111.0



1600

1650

1700

1750

111.0

110.3

110.6

110.7

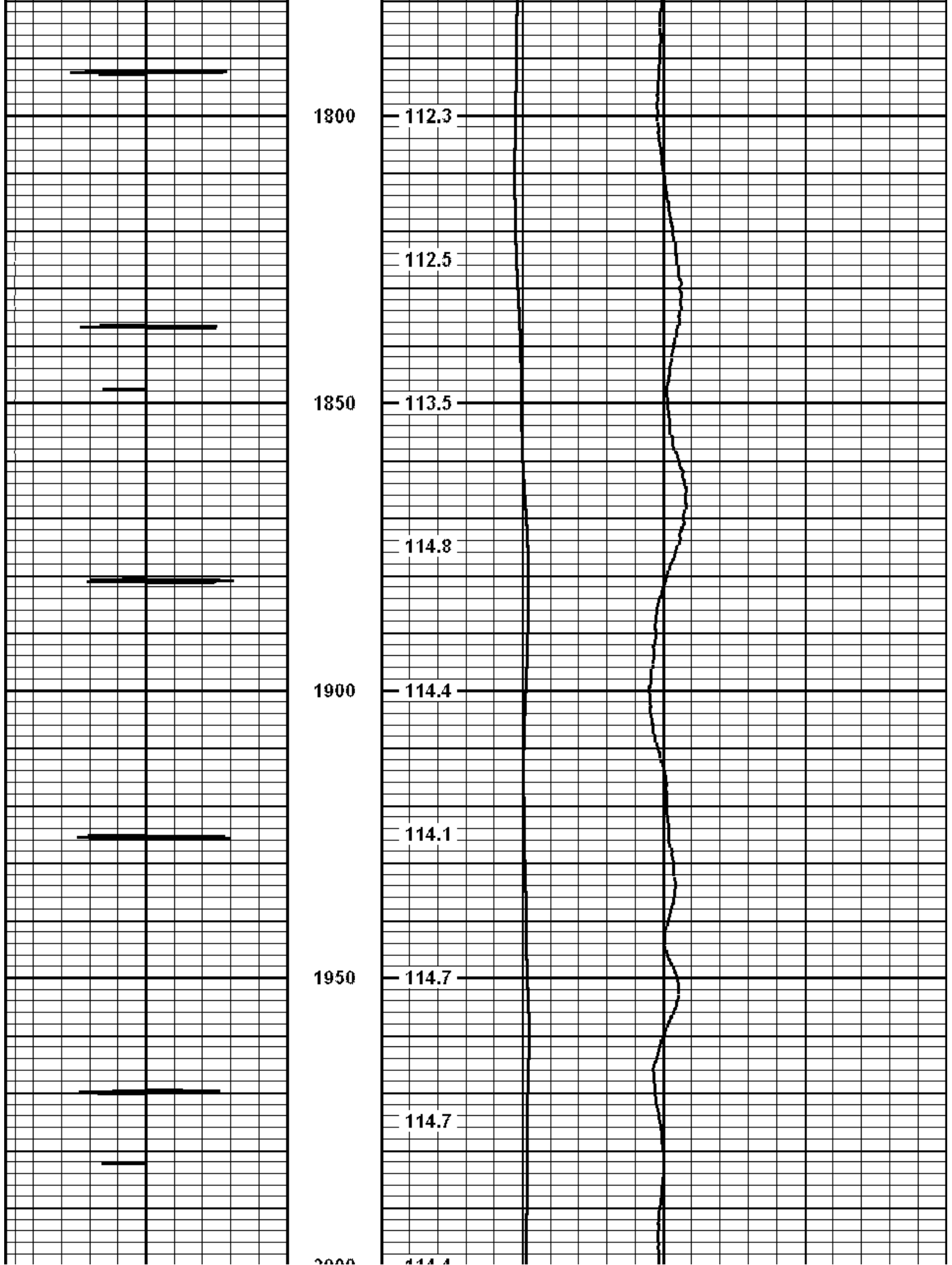
111.0

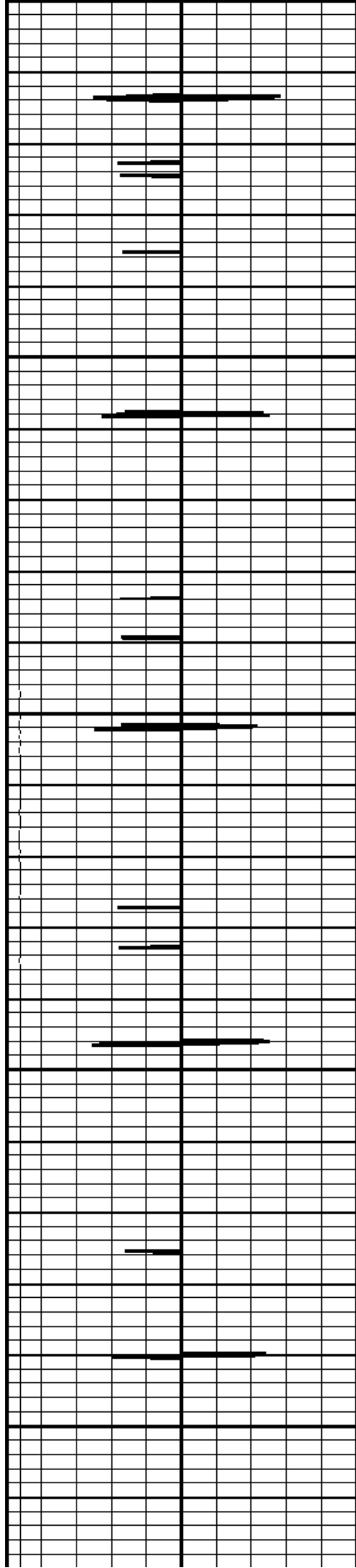
111.7

112.0

112.9

112.7





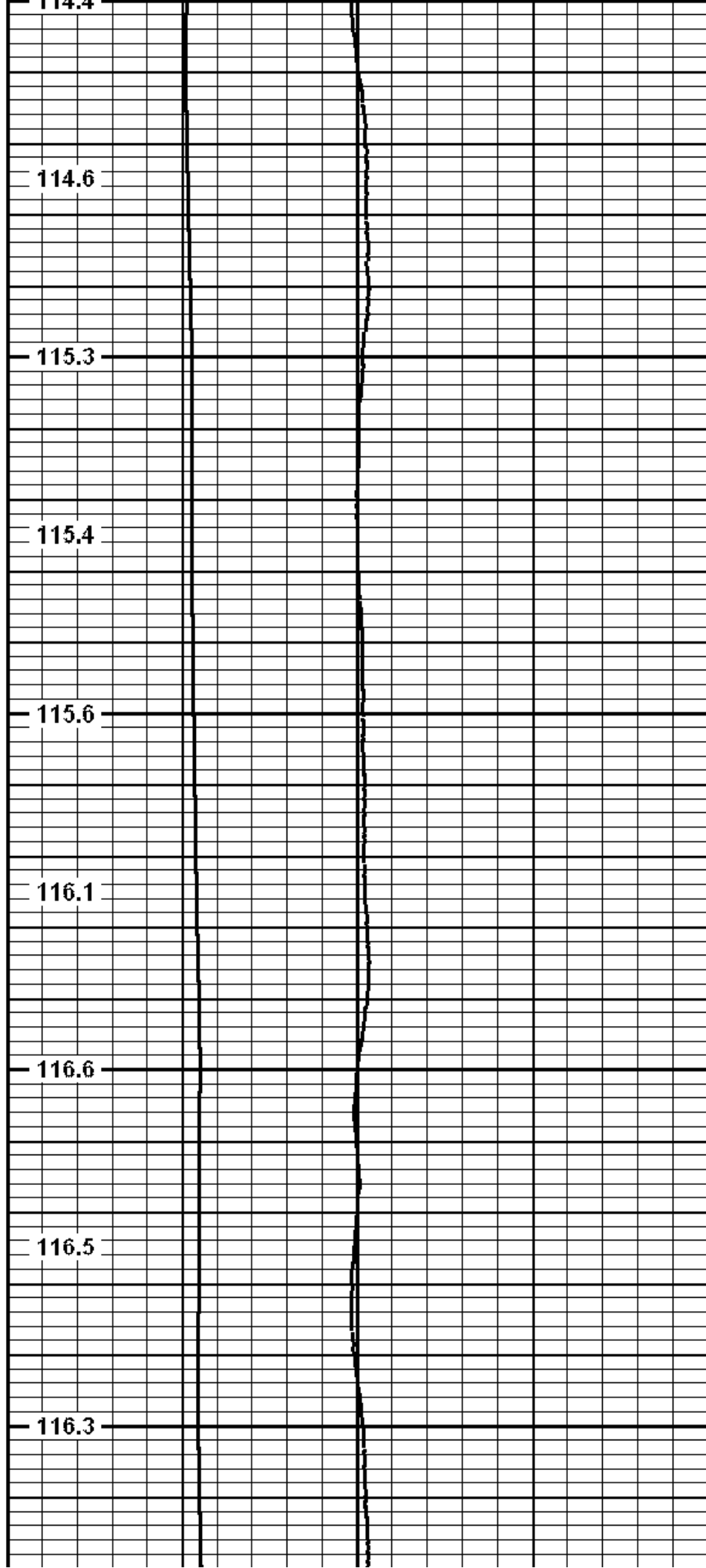
2000

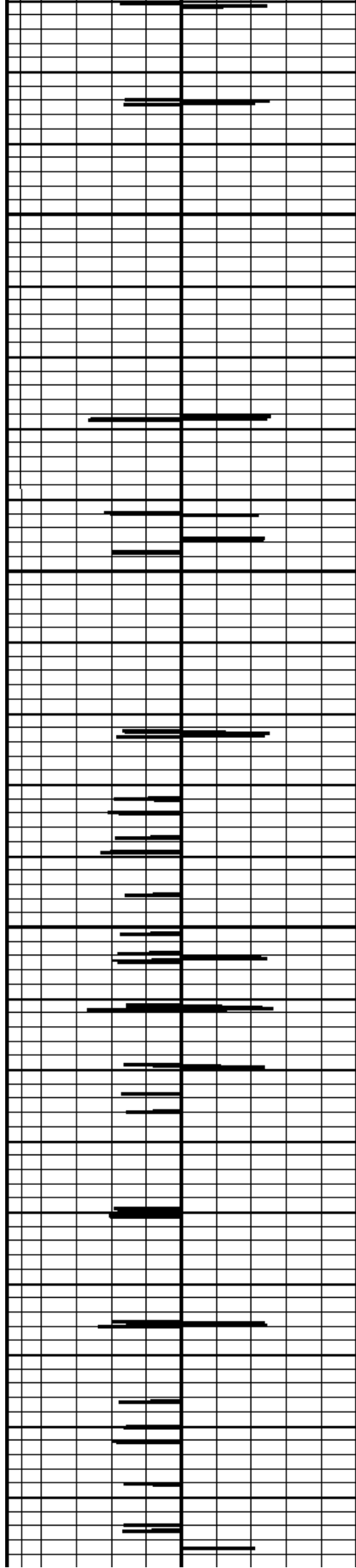
2050

2100

2150

2200



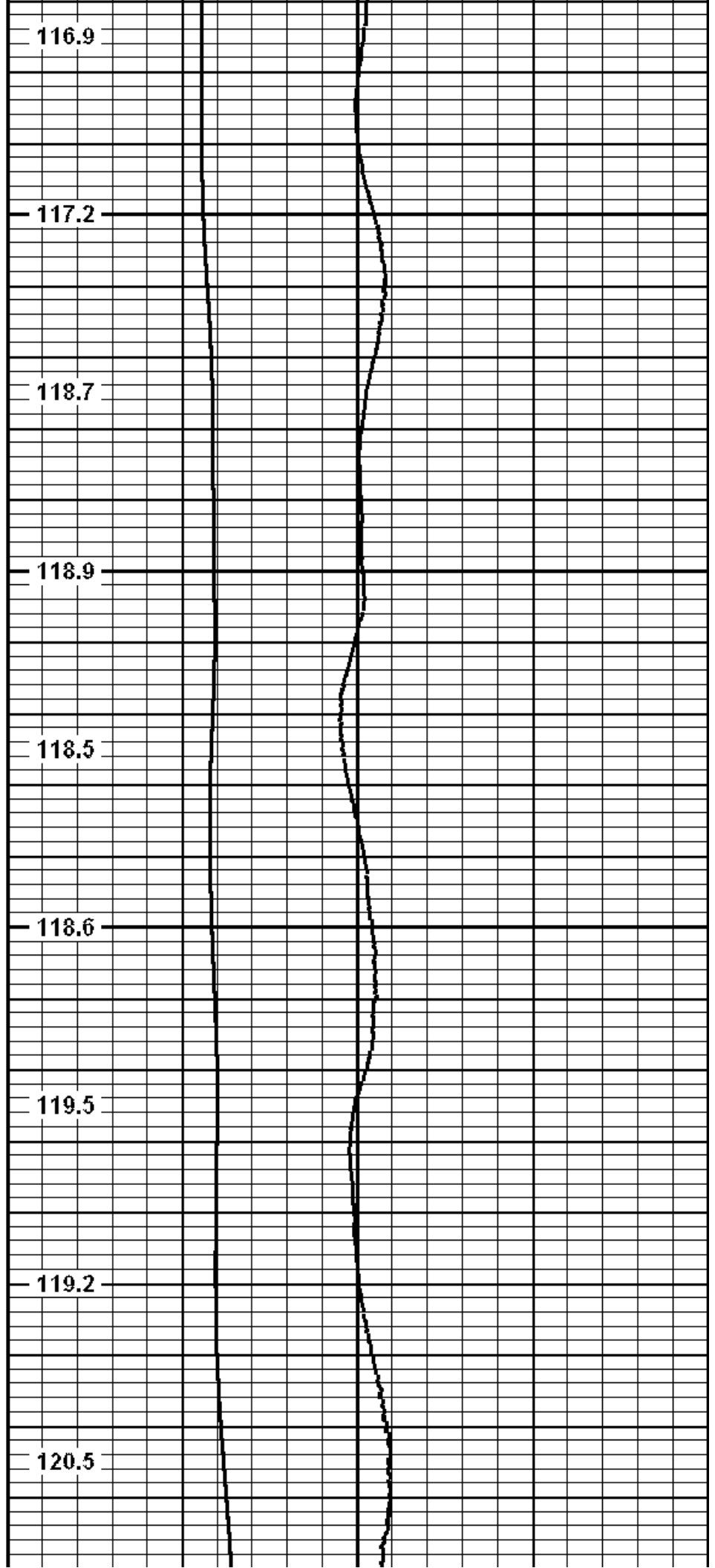


2250

2300

2350

2400



116.9

117.2

118.7

118.9

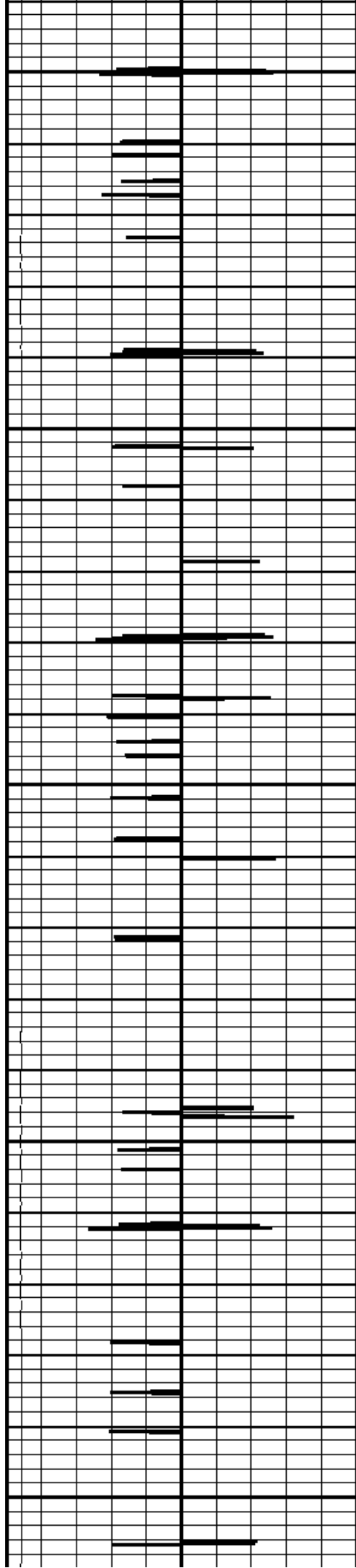
118.5

118.6

119.5

119.2

120.5



2450

2500

2550

2600

2650

122.3

123.0

123.0

123.8

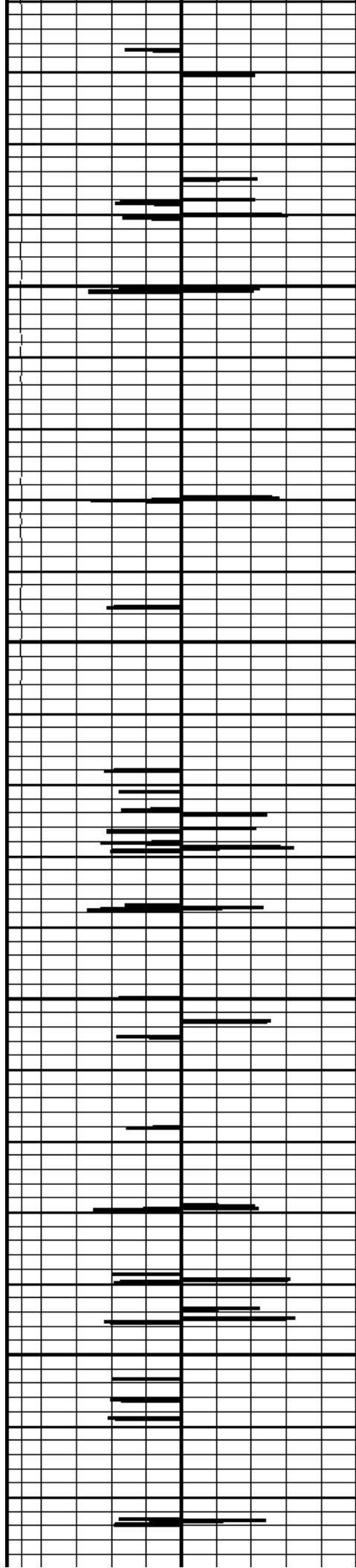
124.2

123.7

124.7

126.6

127.9



2700

2750

2800

2850

128.5

128.6

127.2

125.6

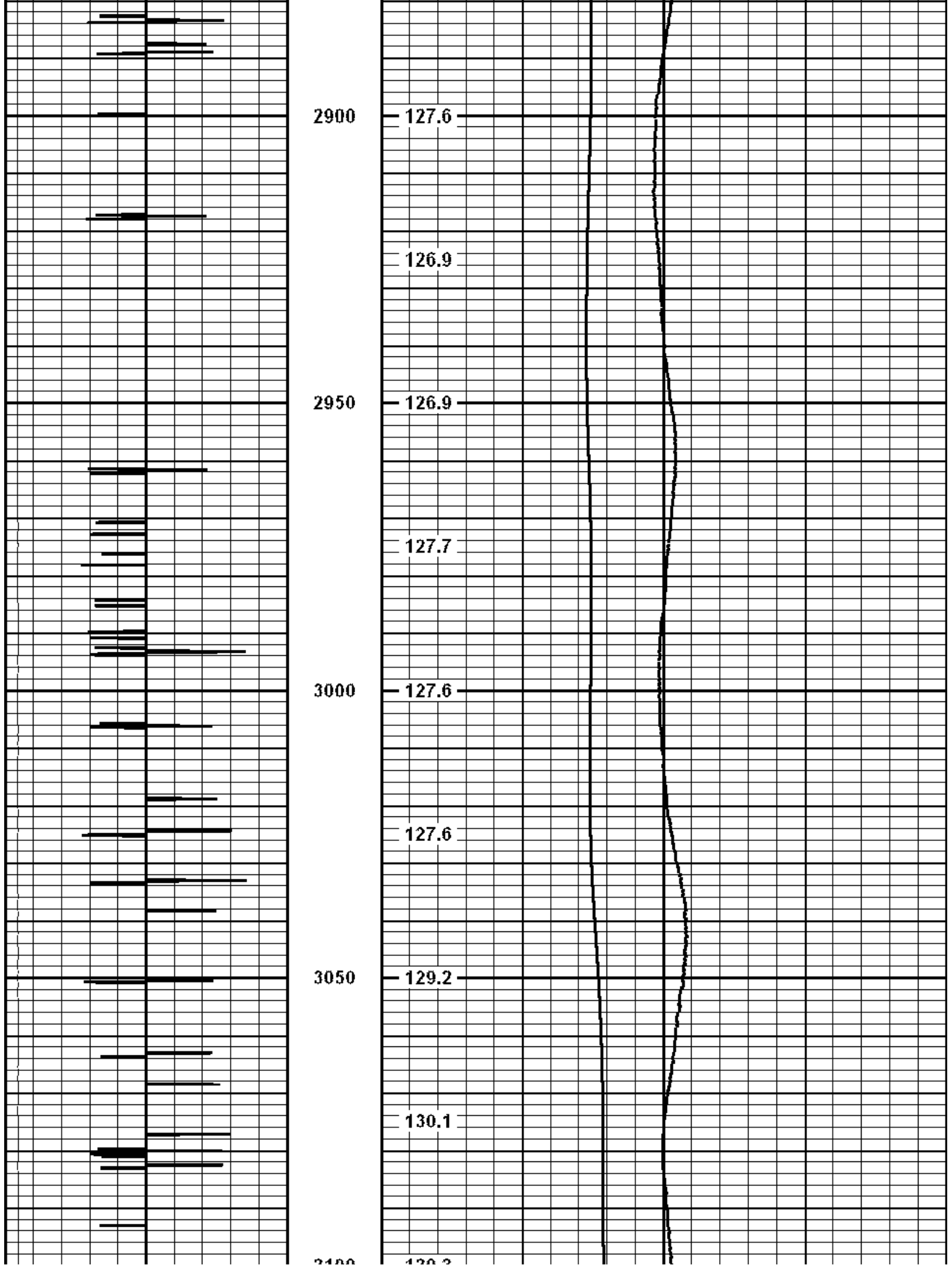
125.2

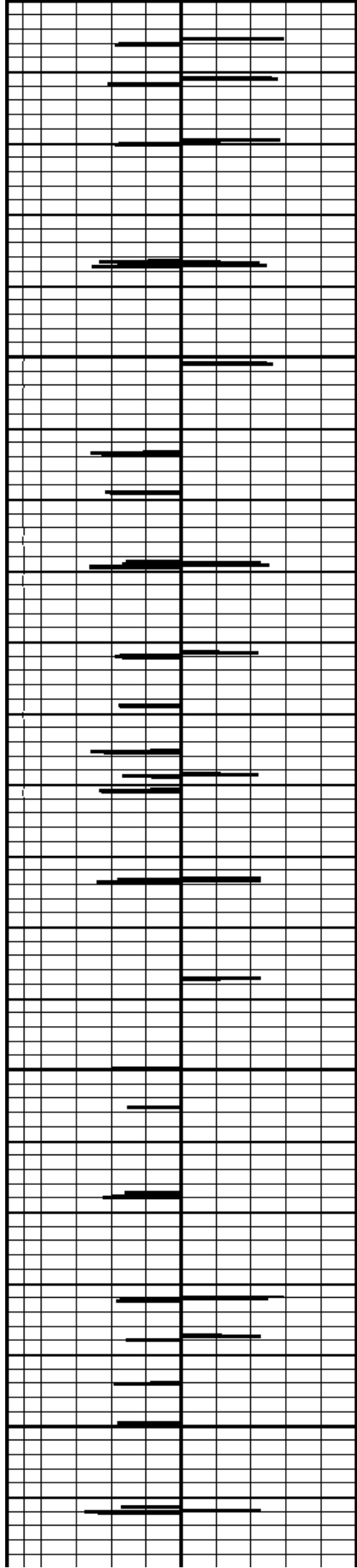
125.7

125.9

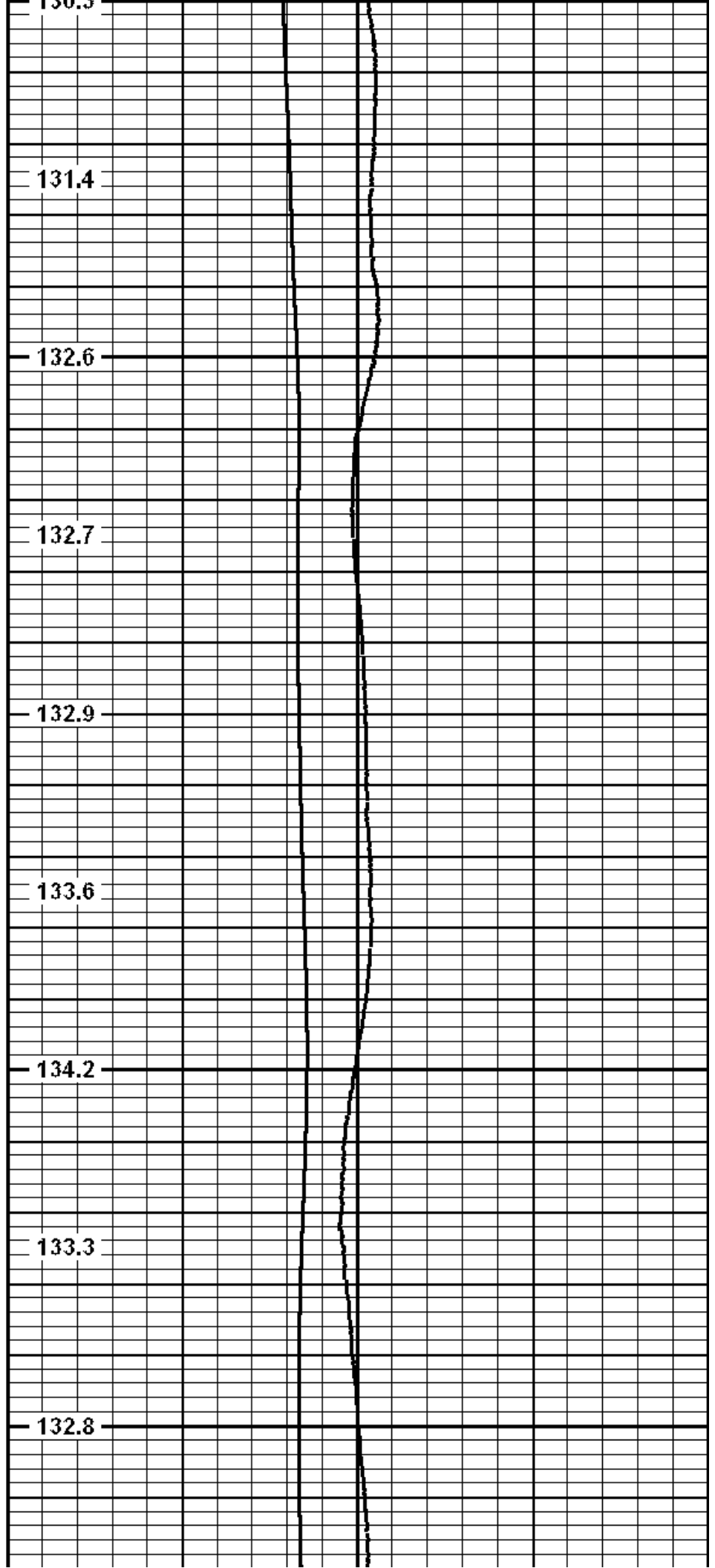
126.3

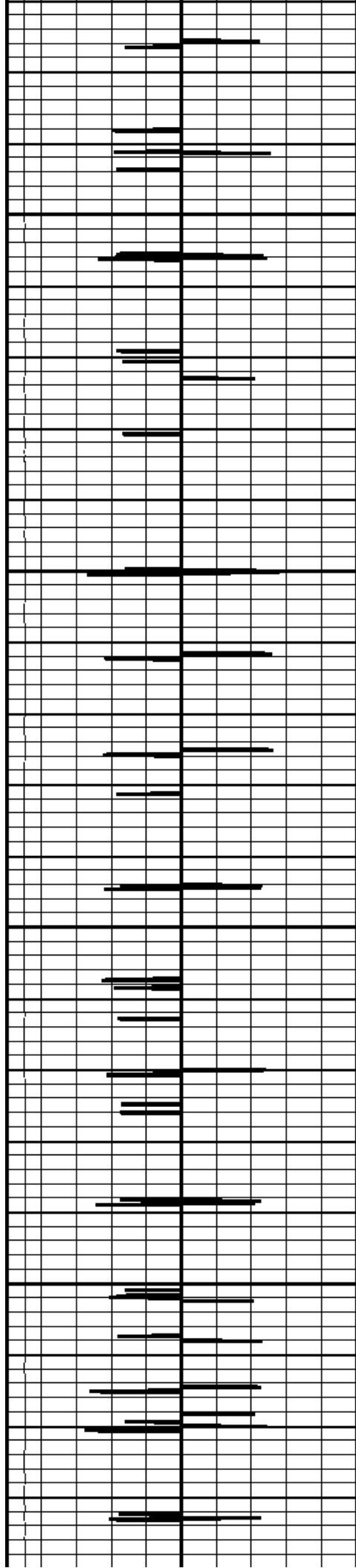
127.5





3100
3150
3200
3250
3300





3350

3400

3450

3500

133.3

133.1

132.7

133.7

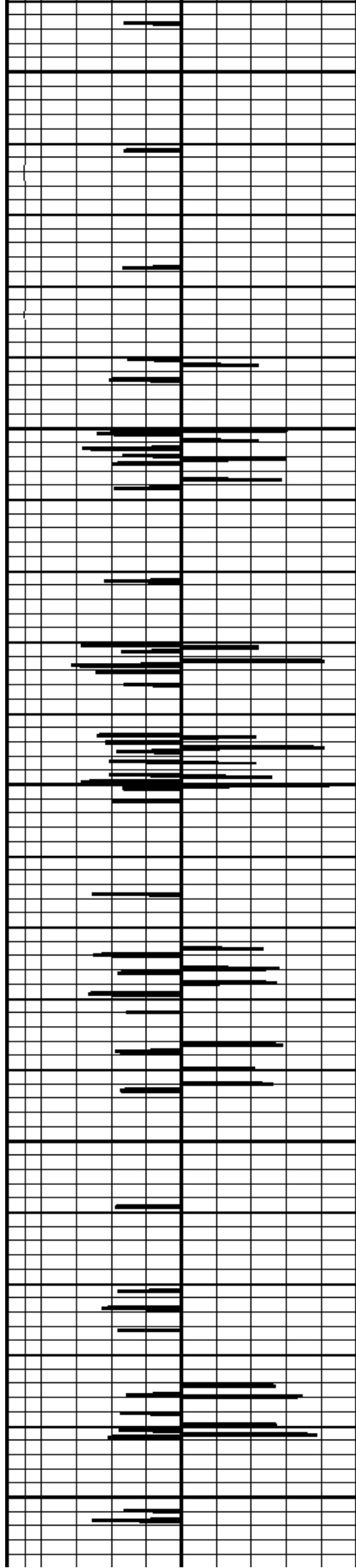
133.7

133.2

133.2

134.1

133.8



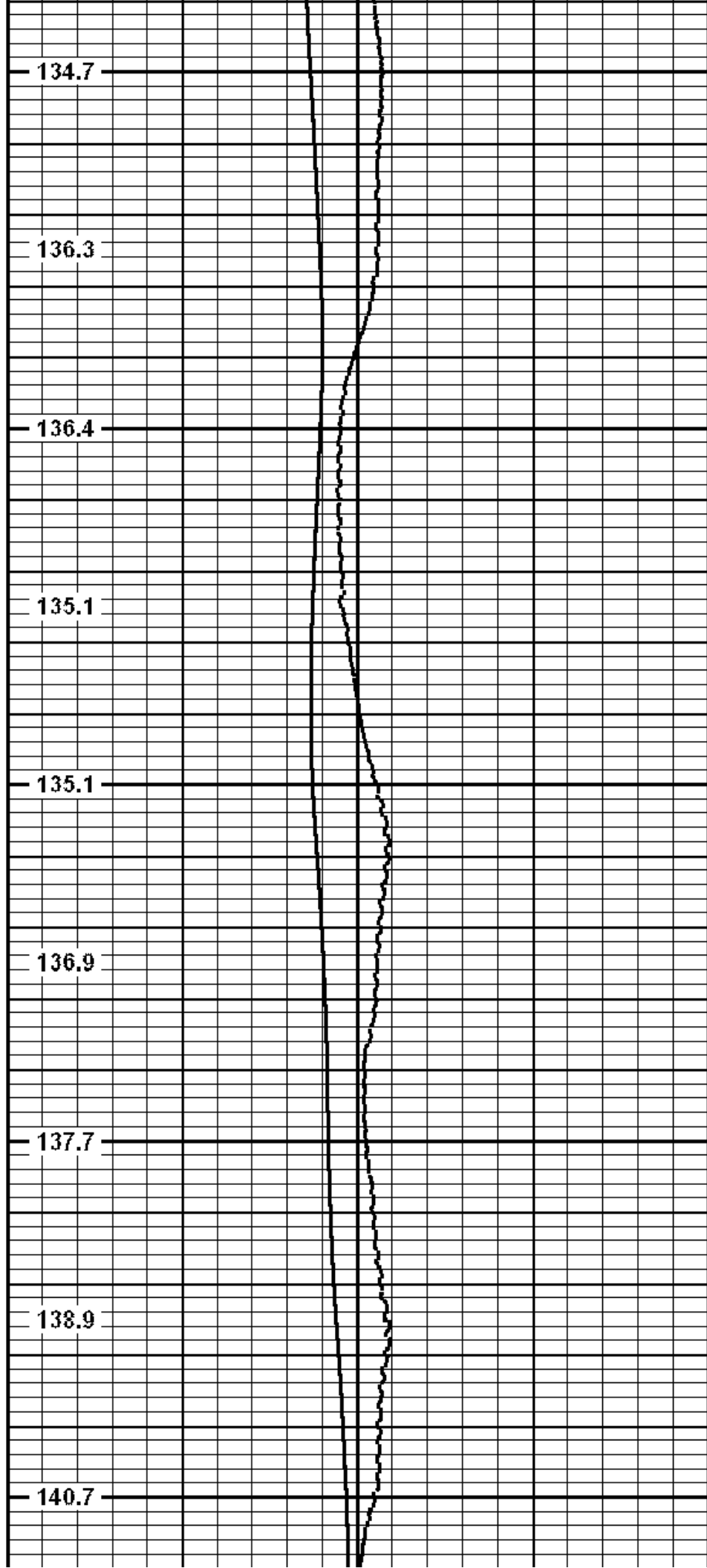
3550

3600

3650

3700

3750



134.7

136.3

136.4

135.1

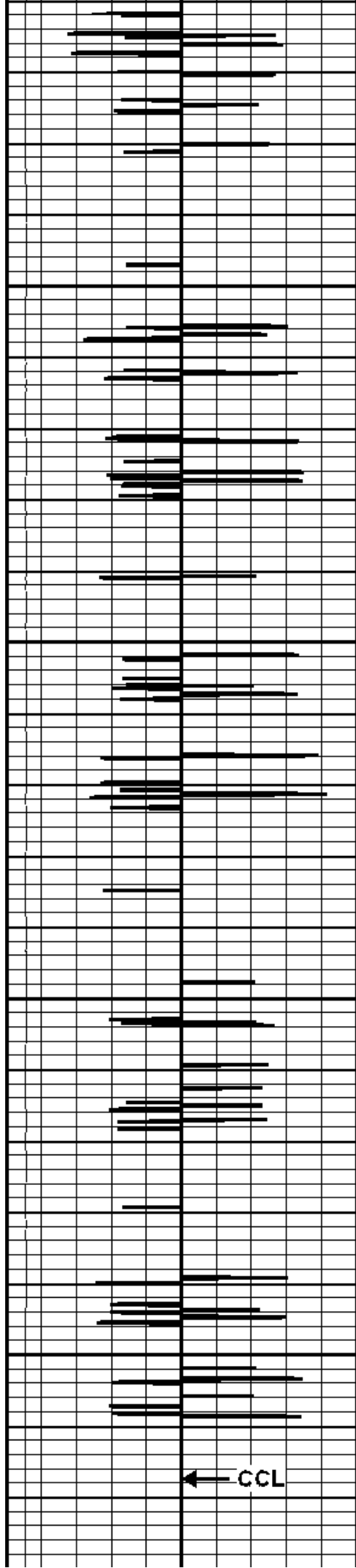
135.1

136.9

137.7

138.9

140.7



3800

3850

3900

3950

← CCL

140.5

139.2

139.0

139.4

139.2

139.3

140.1

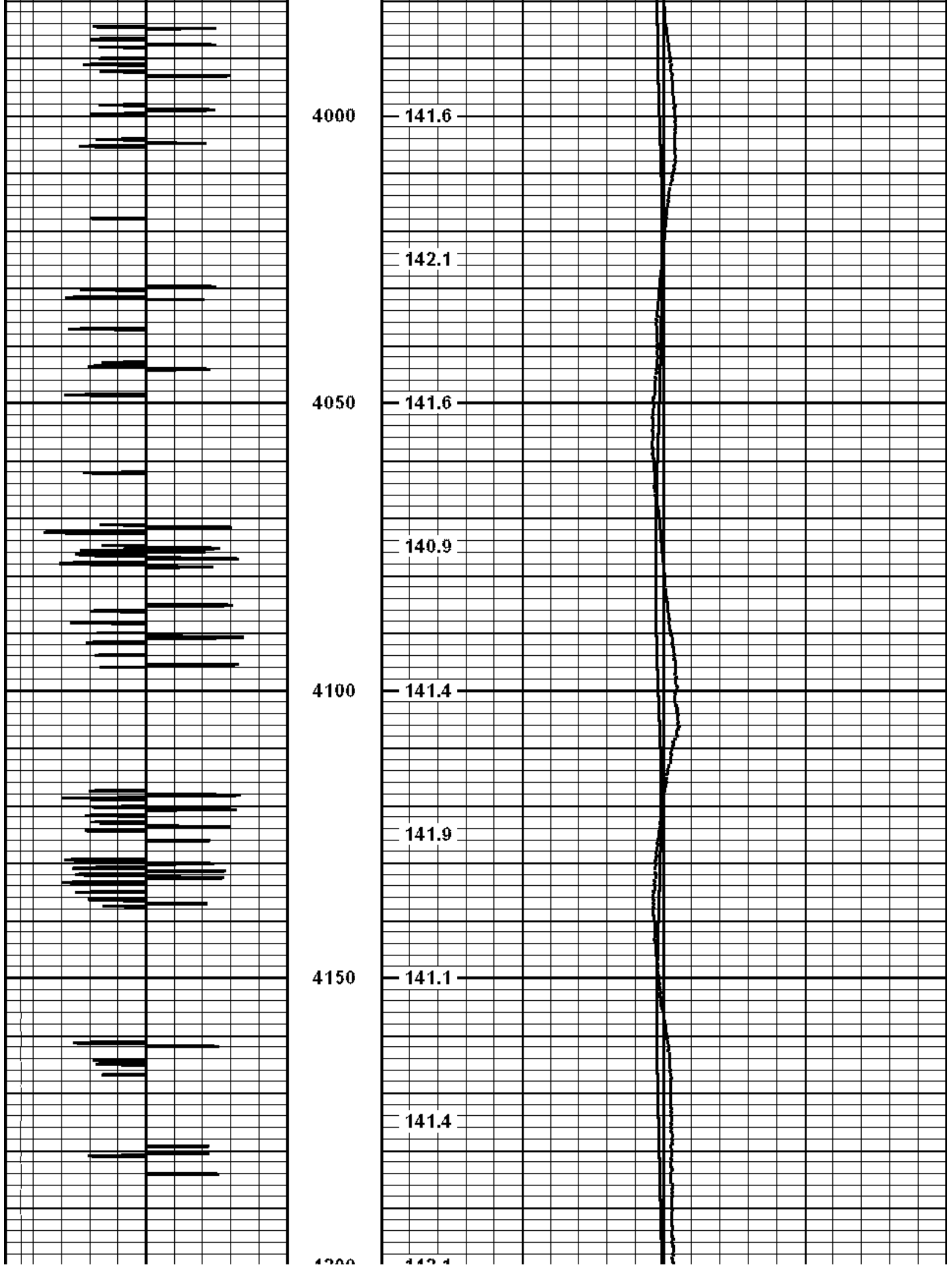
141.6

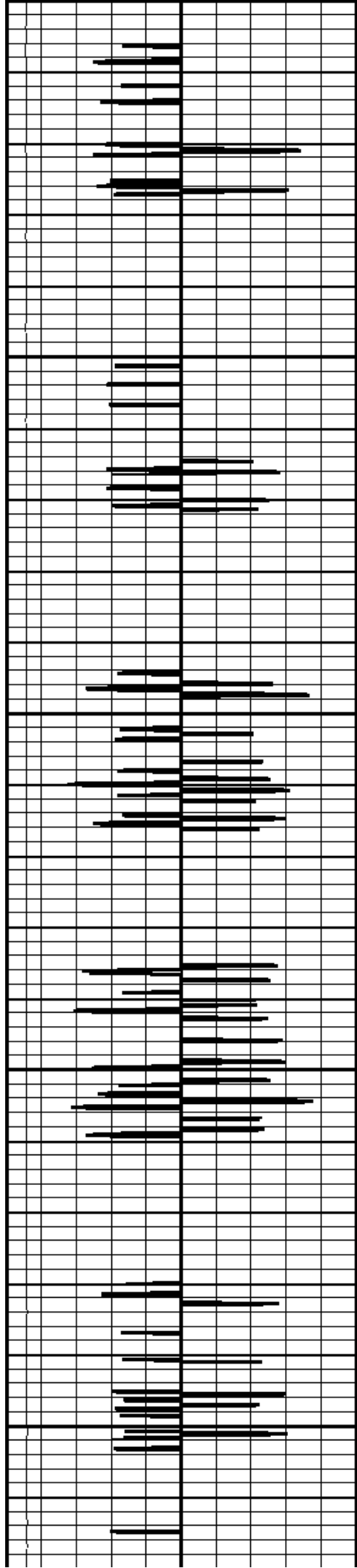
141.2

Temperature →

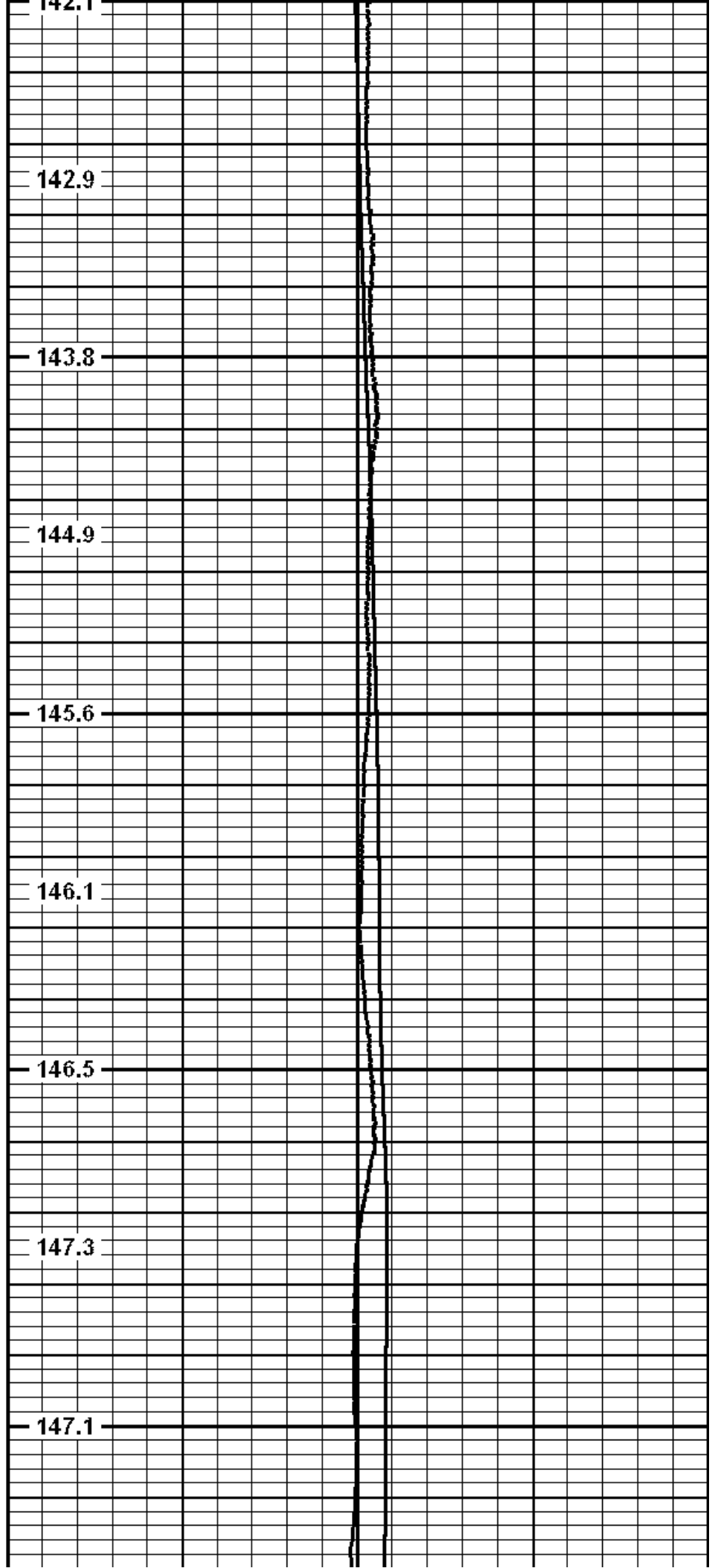
← Delta Temperature

← Temperature

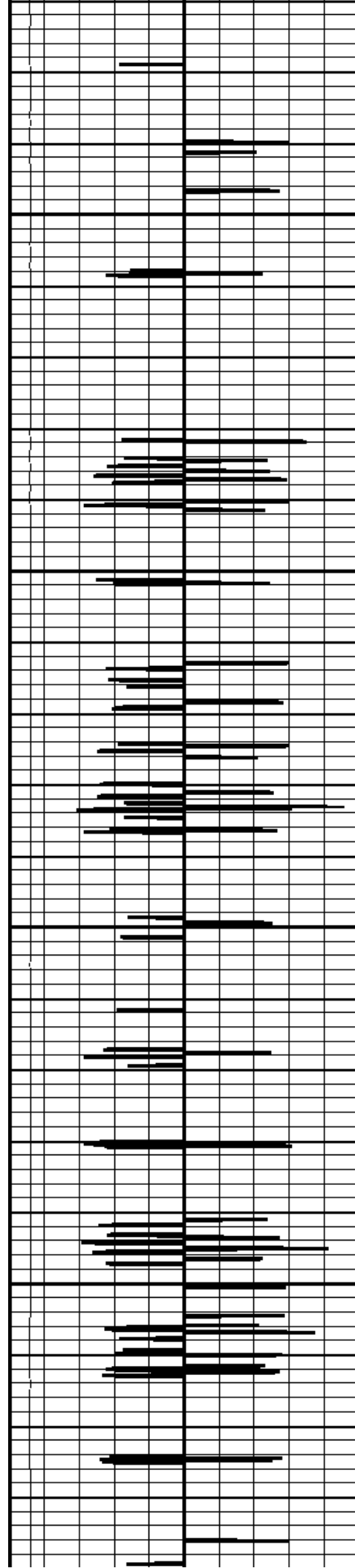




4200
4250
4300
4350
4400



142.1
142.9
143.8
144.9
145.6
146.1
146.5
147.3
147.1

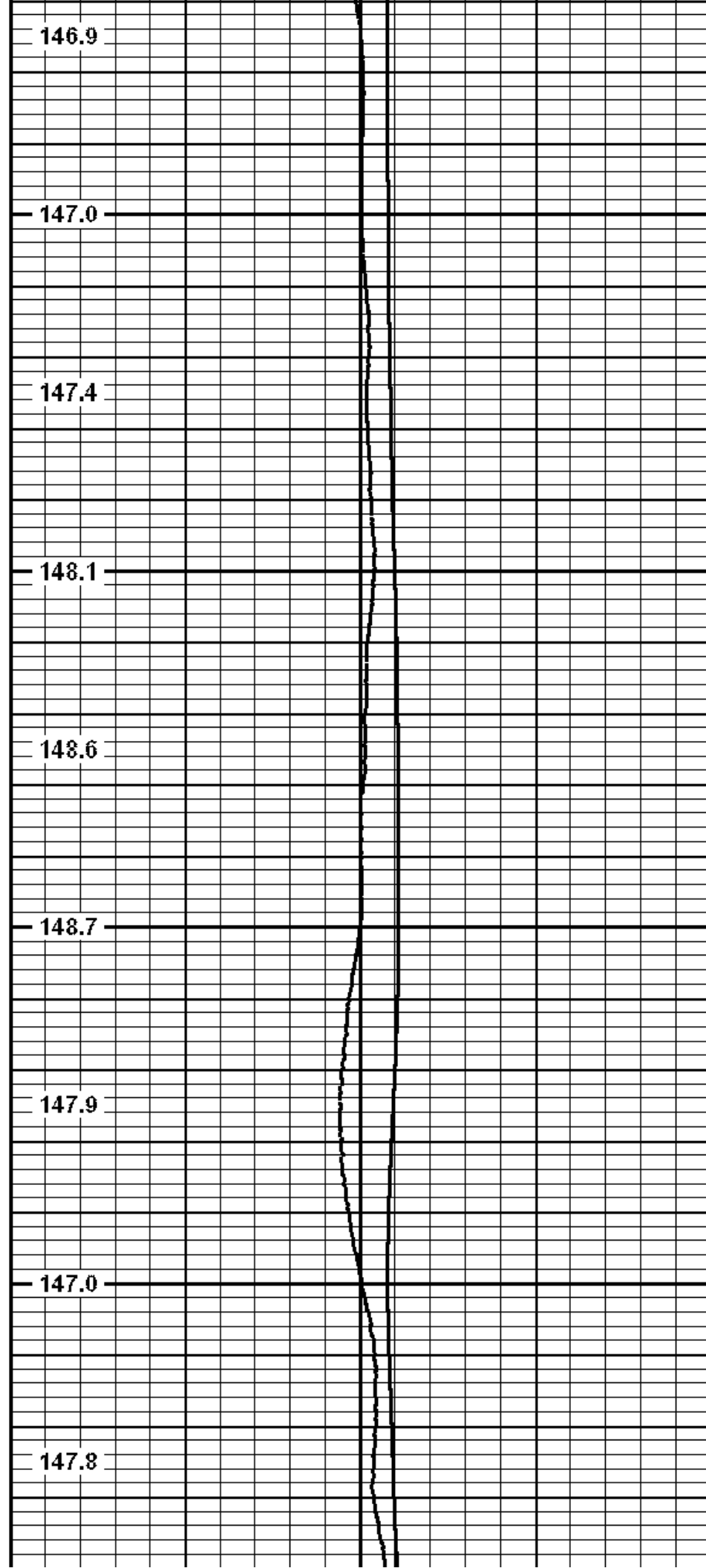


4450

4500

4550

4600



146.9

- 147.0

147.4

- 148.1

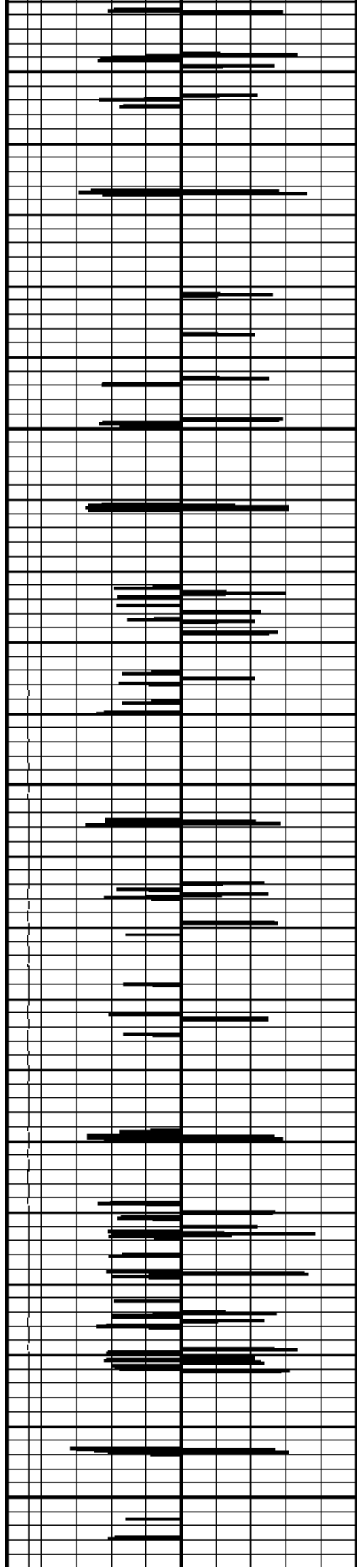
148.6

- 148.7

147.9

- 147.0

147.8



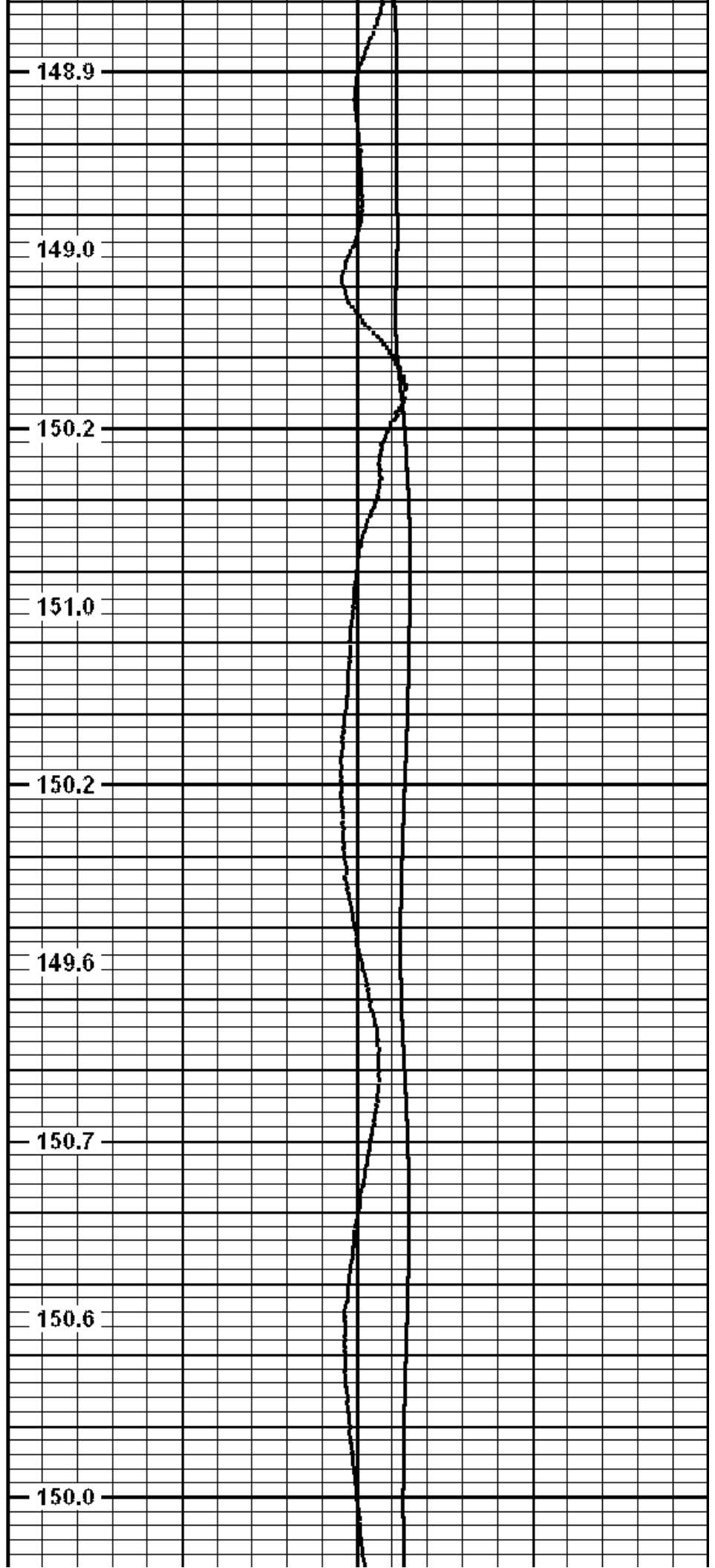
4650

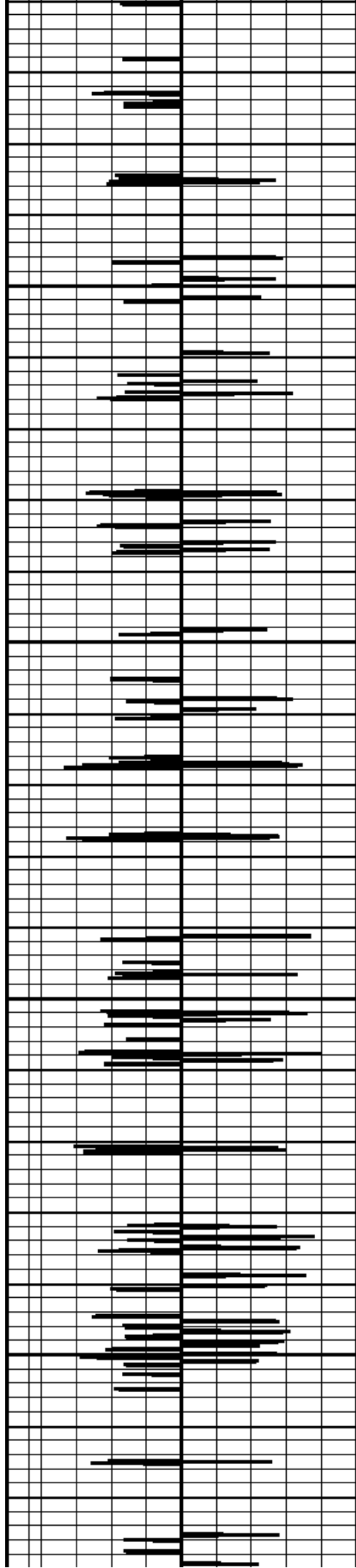
4700

4750

4800

4850





4900

4950

5000

5050

150.6

151.3

150.8

150.4

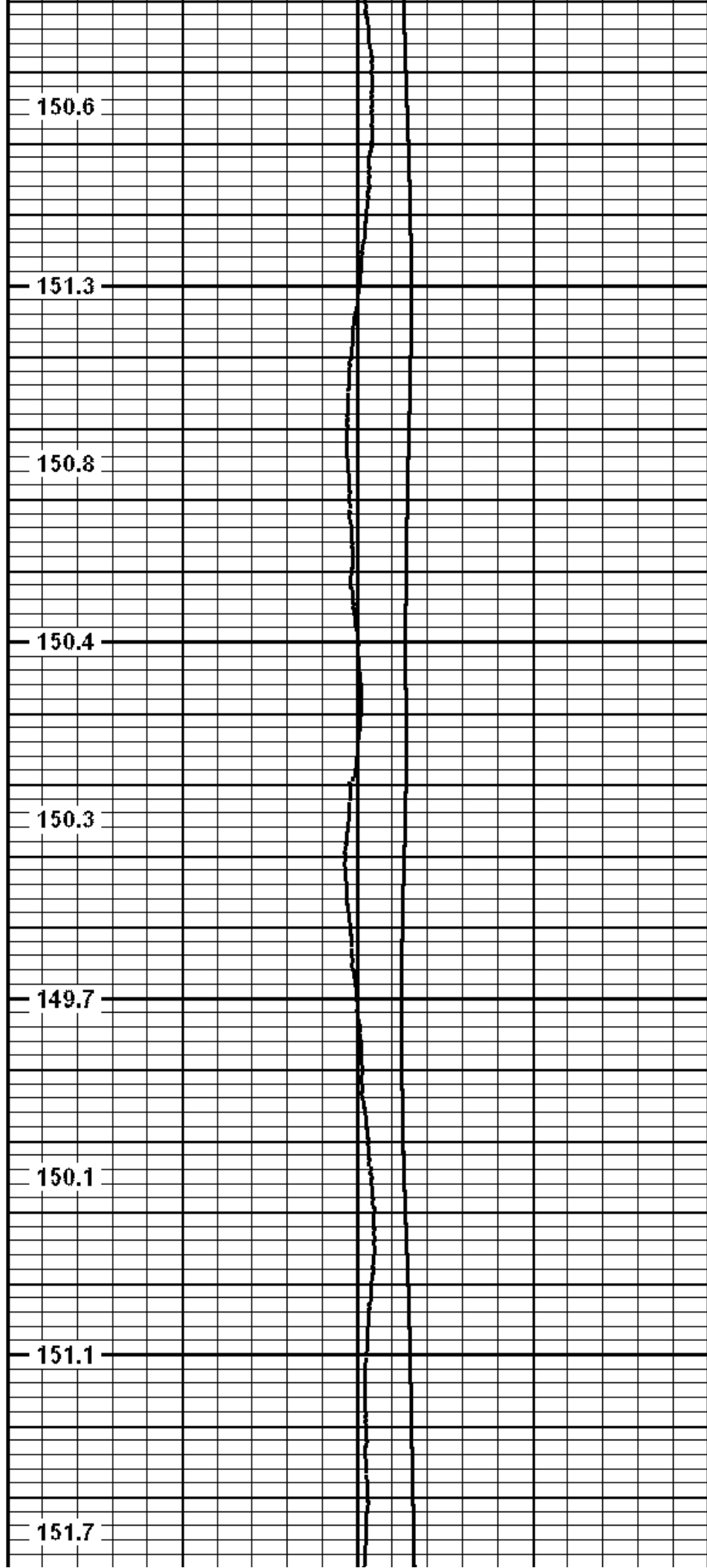
150.3

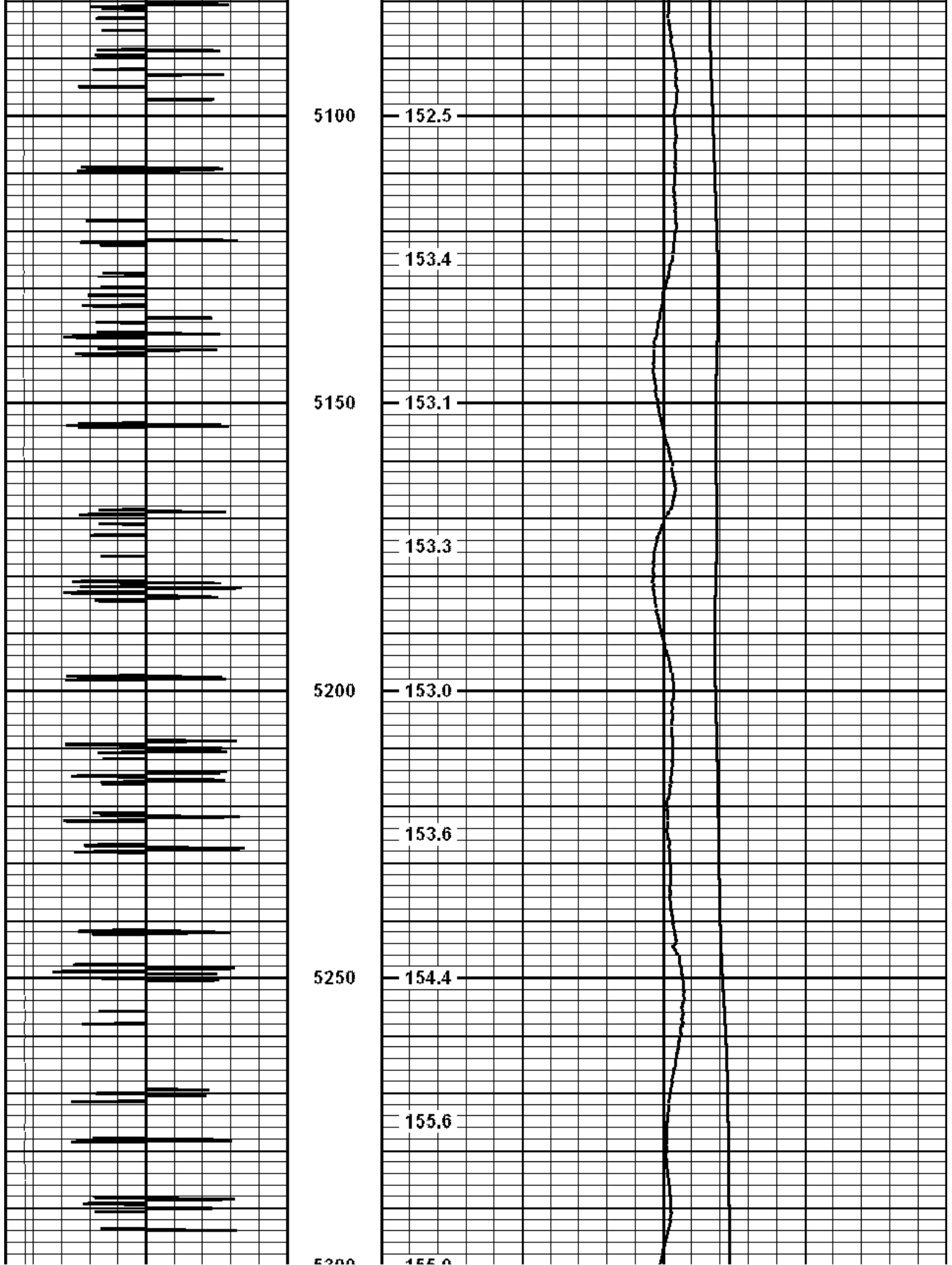
149.7

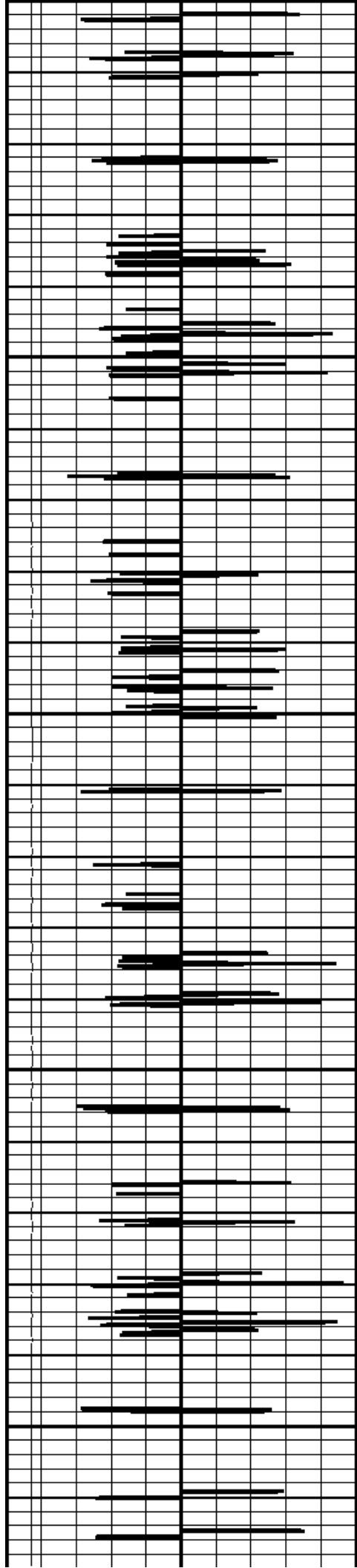
150.1

151.1

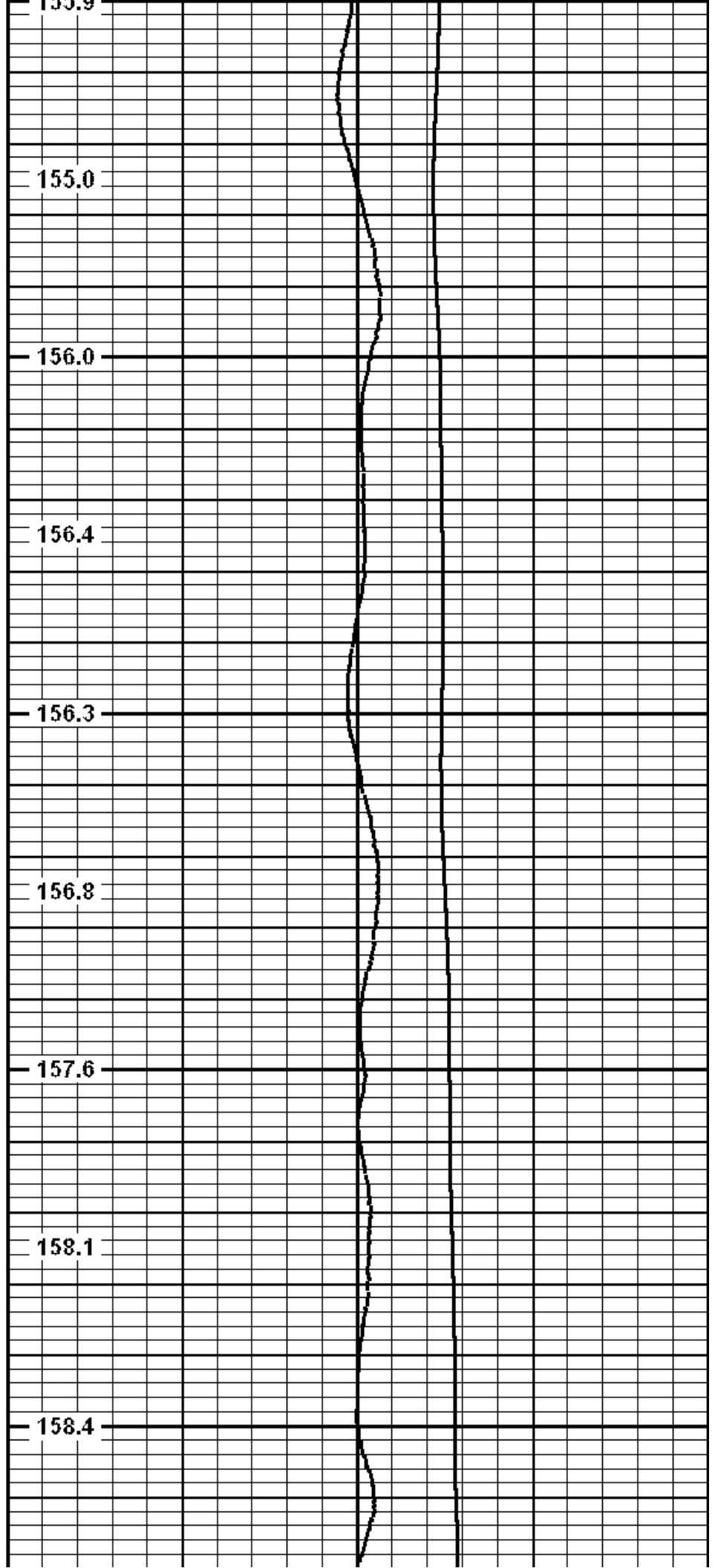
151.7

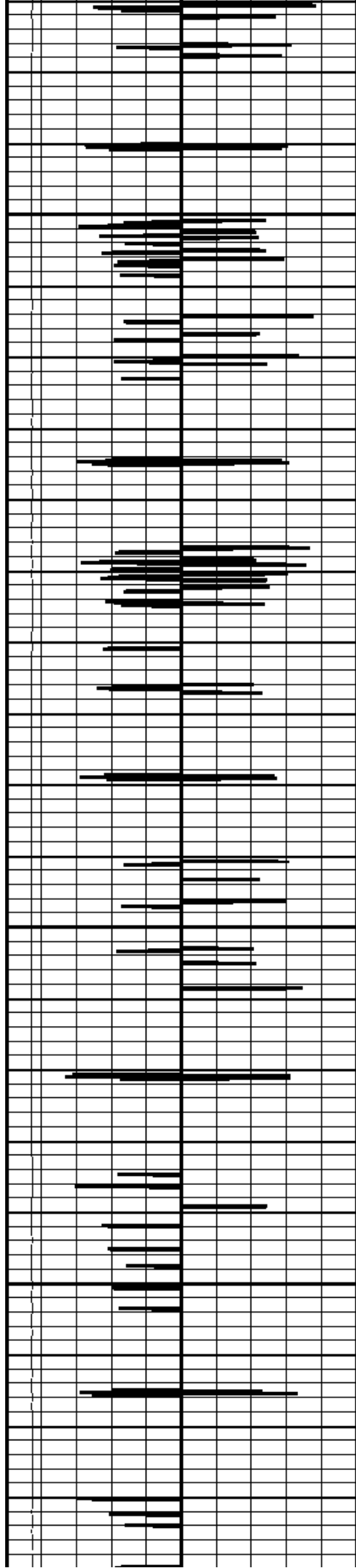






5300
5350
5400
5450
5500





5550

5600

5650

5700

158.8

158.4

159.6

160.4

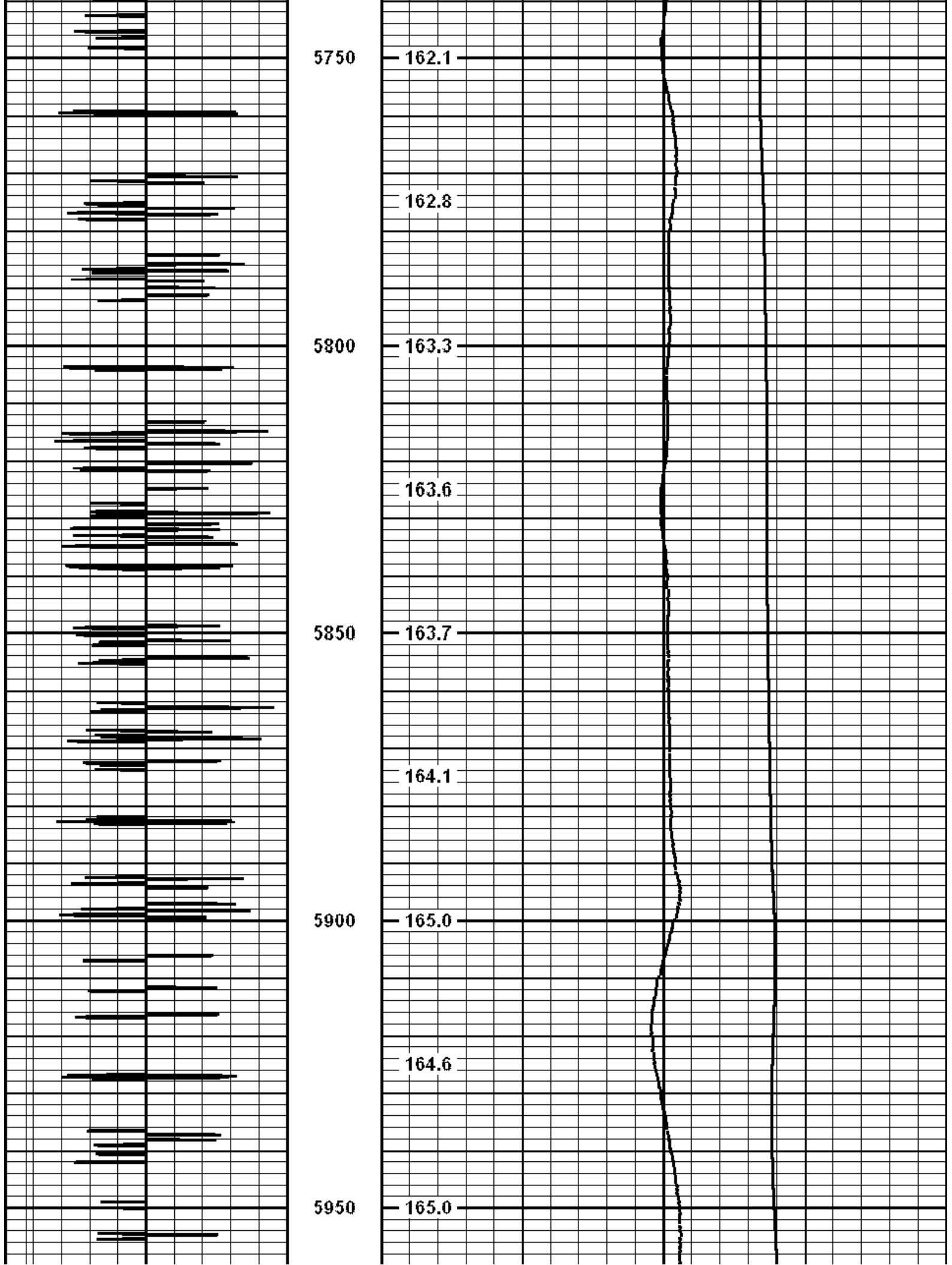
160.5

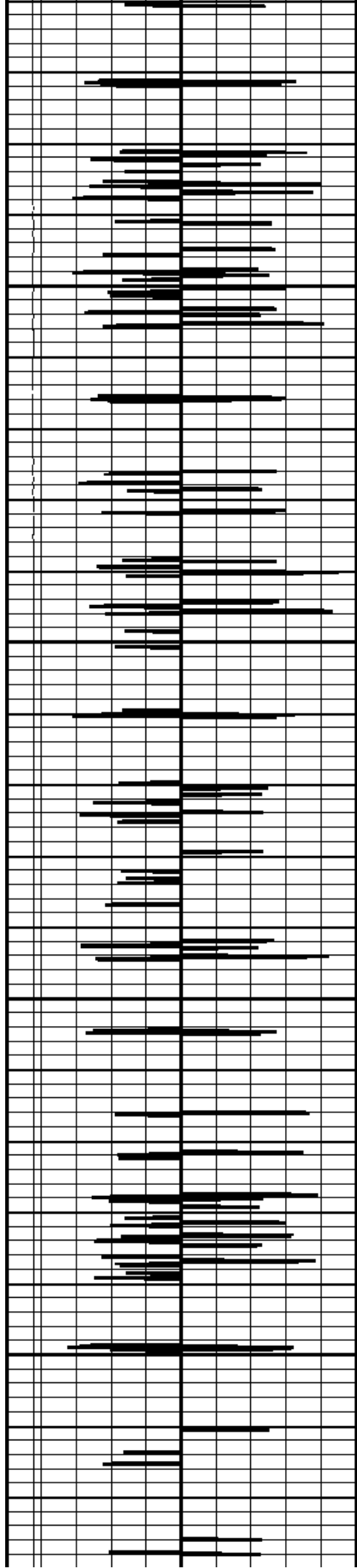
161.2

161.1

161.5

161.7





6000

6050

6100

6150

166.4

167.3

166.6

167.2

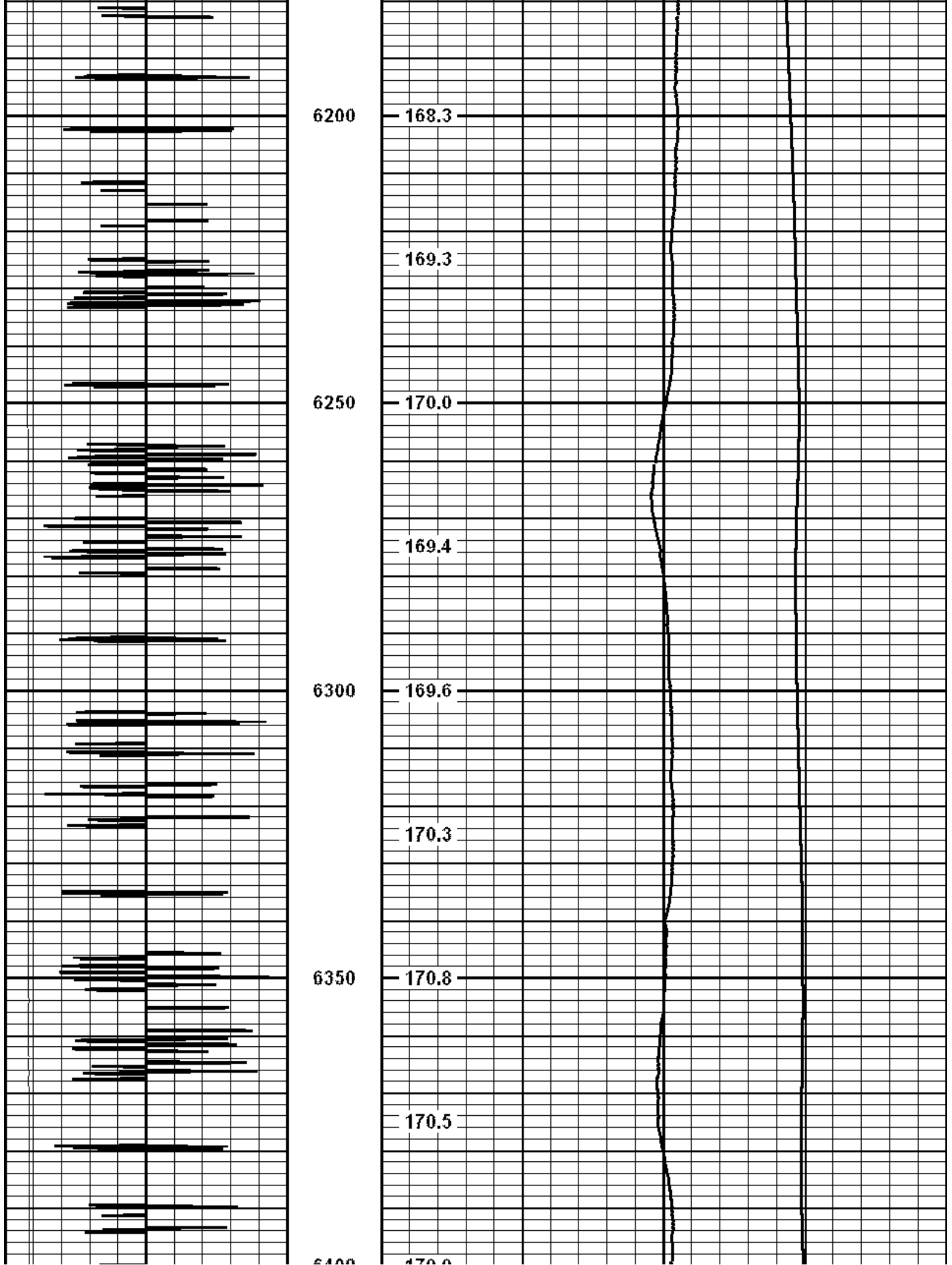
167.7

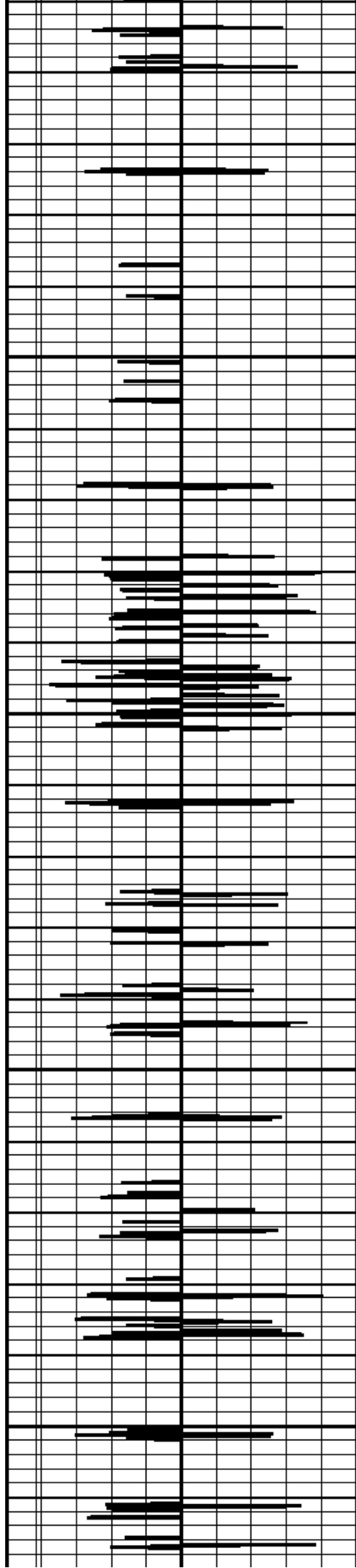
167.4

166.3

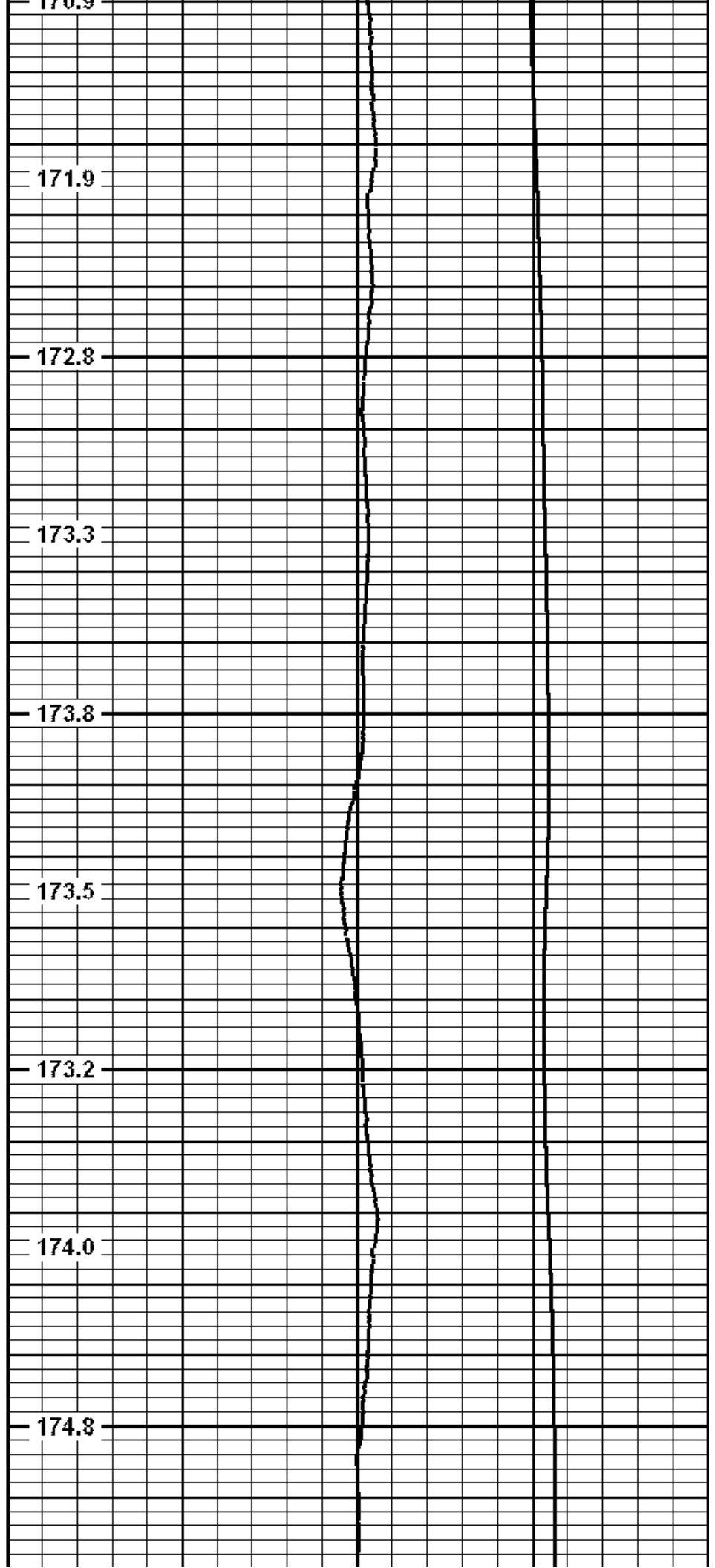
166.2

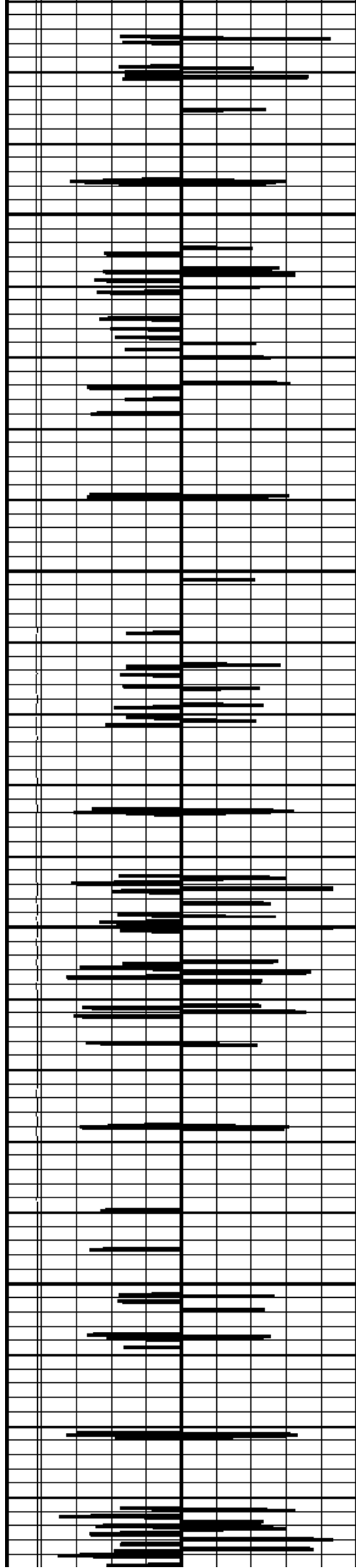
167.1





6400
6450
6500
6550
6600





6650

6700

6750

6800

174.8

174.3

174.3

175.6

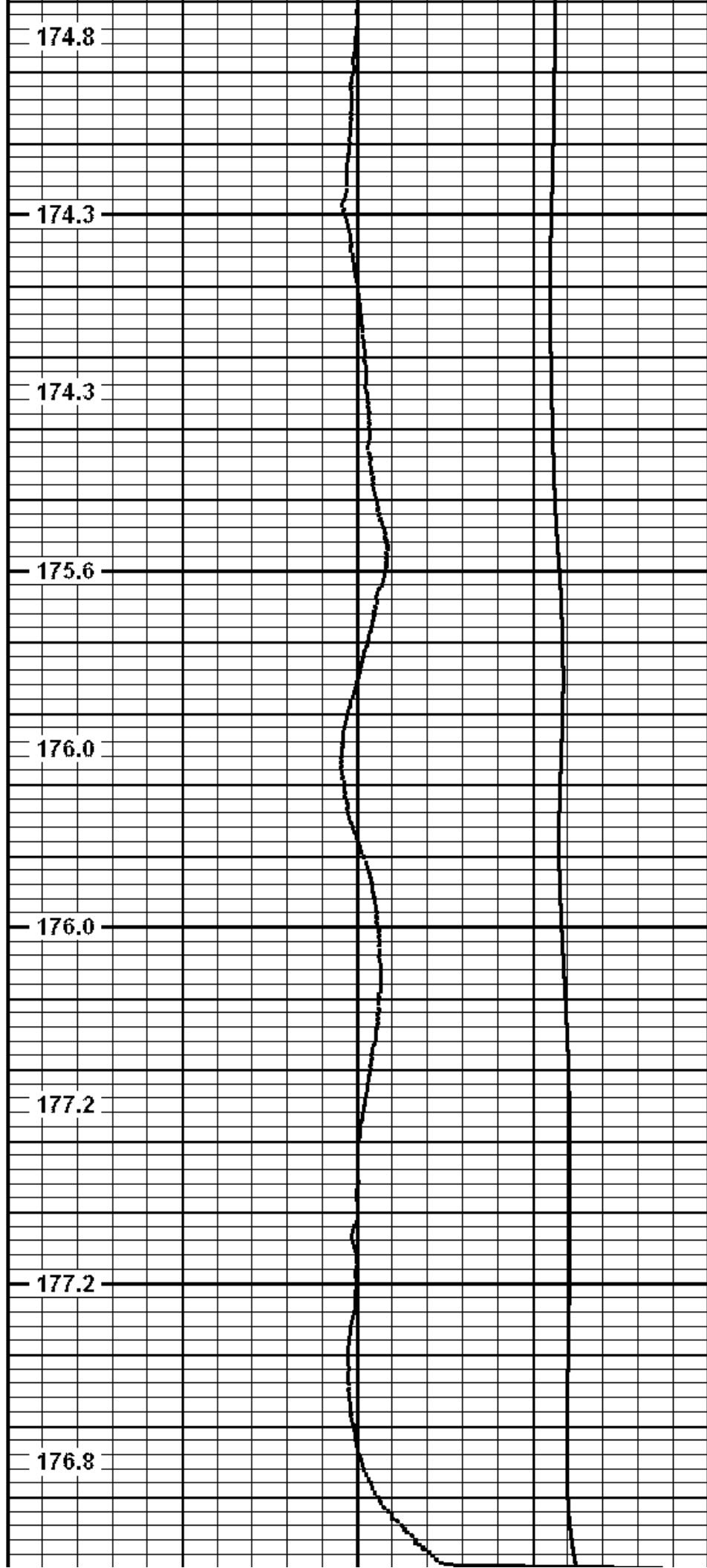
176.0

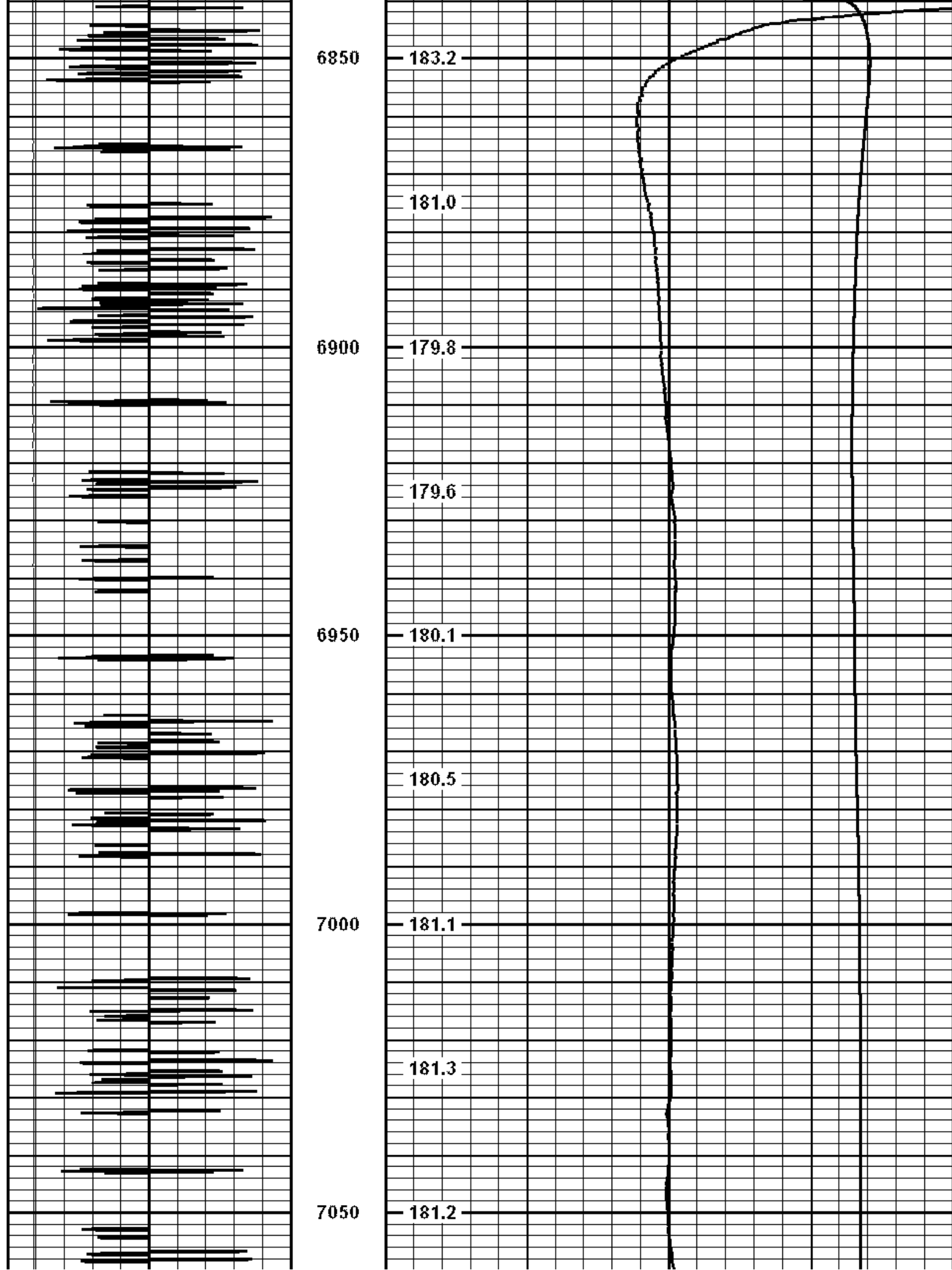
176.0

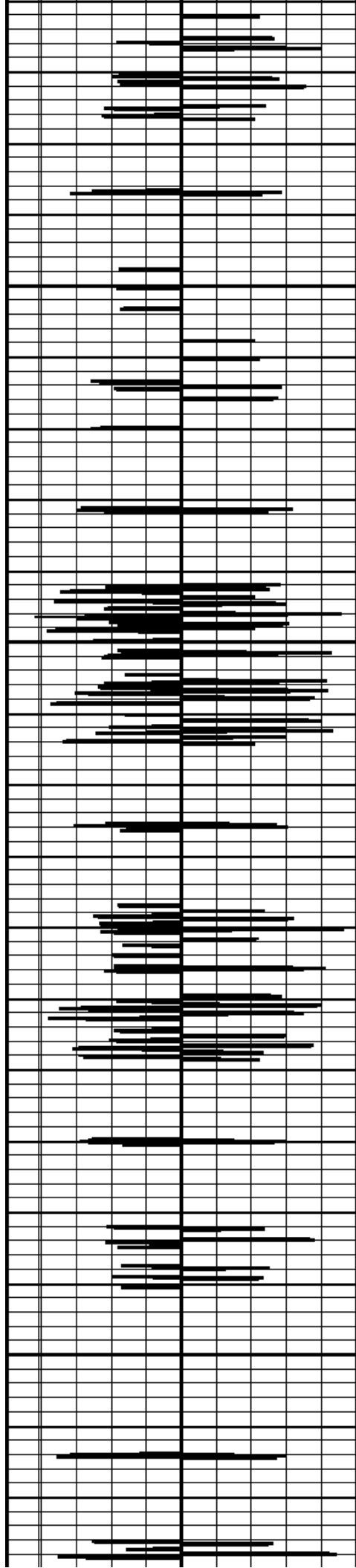
177.2

177.2

176.8







7100

7150

7200

7250

182.1

182.1

182.2

188.3

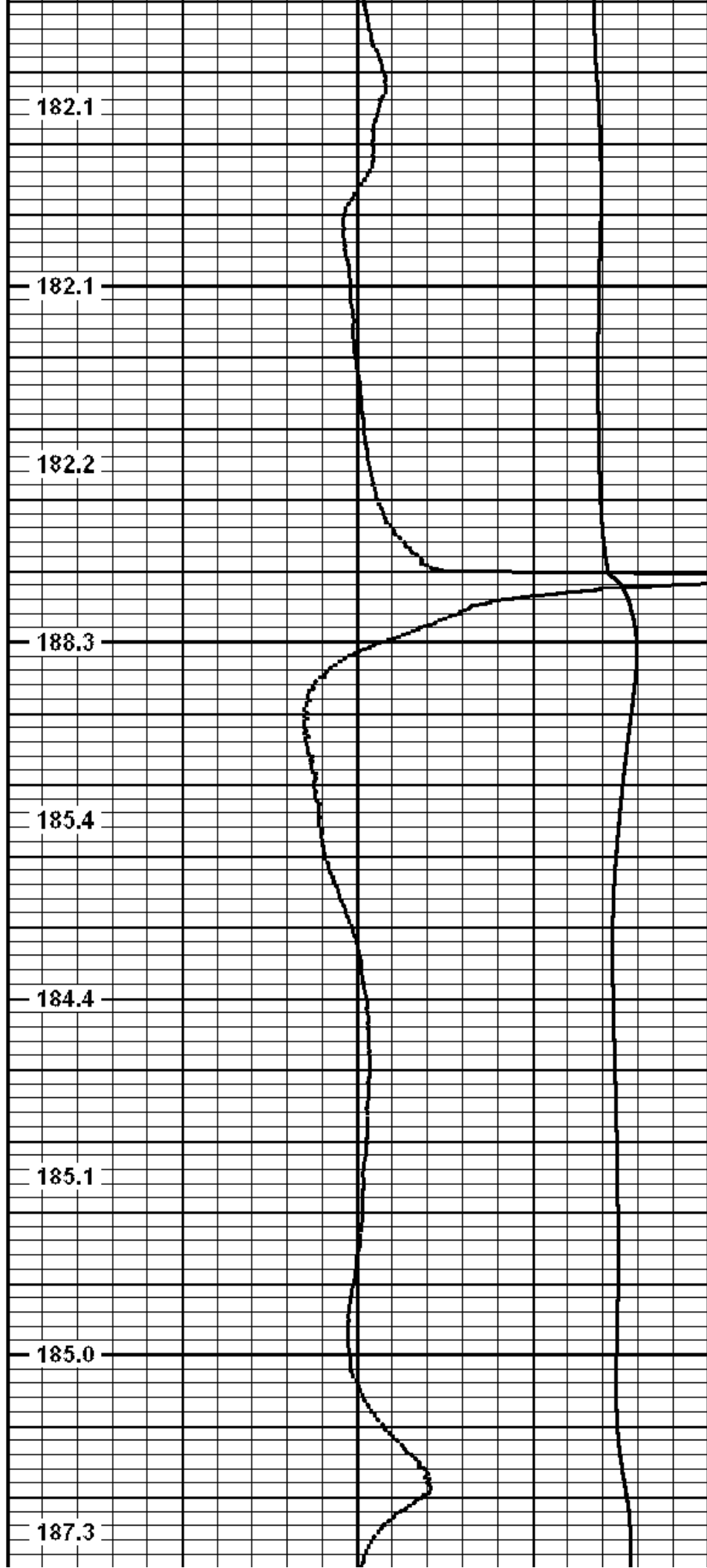
185.4

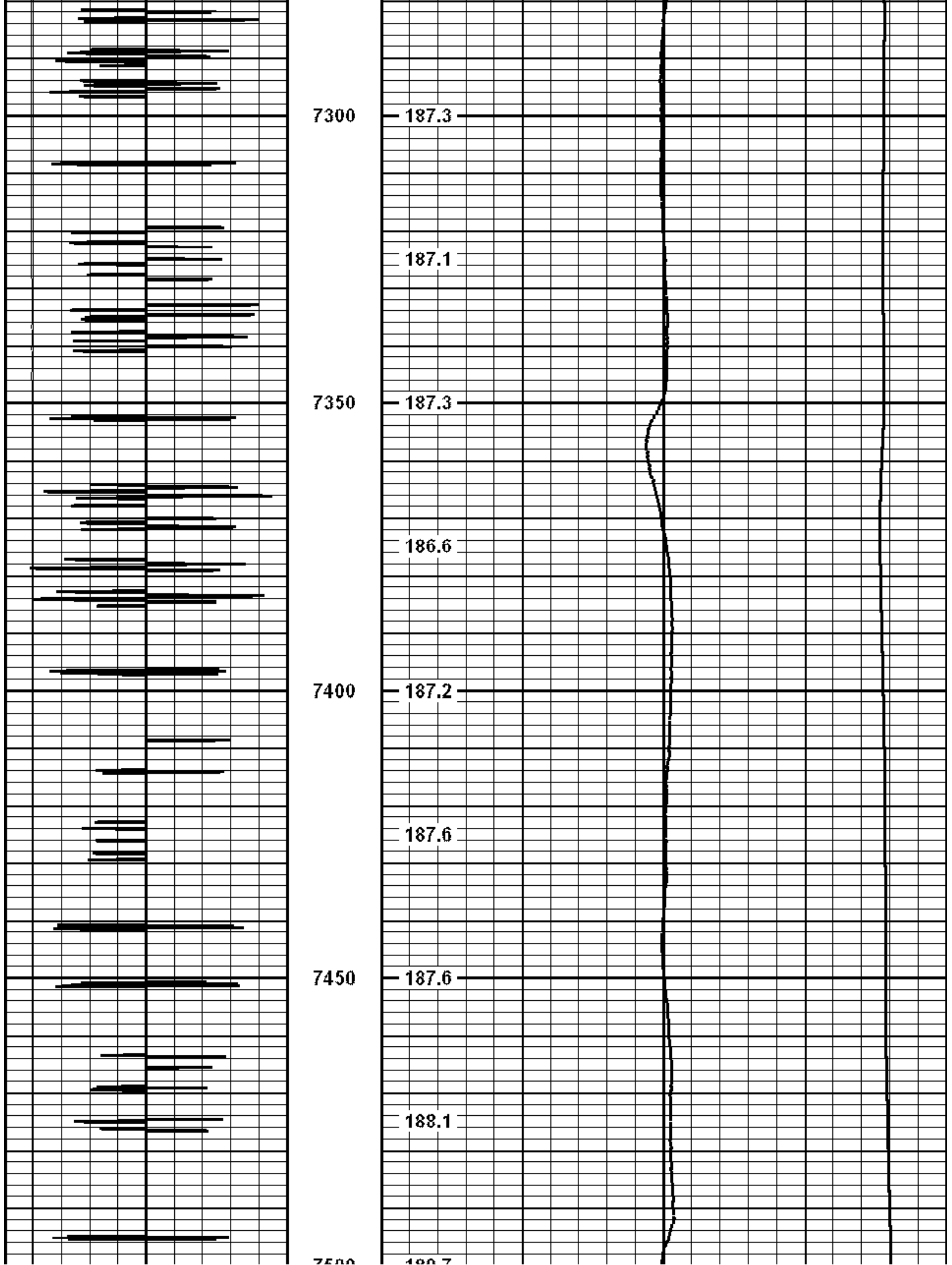
184.4

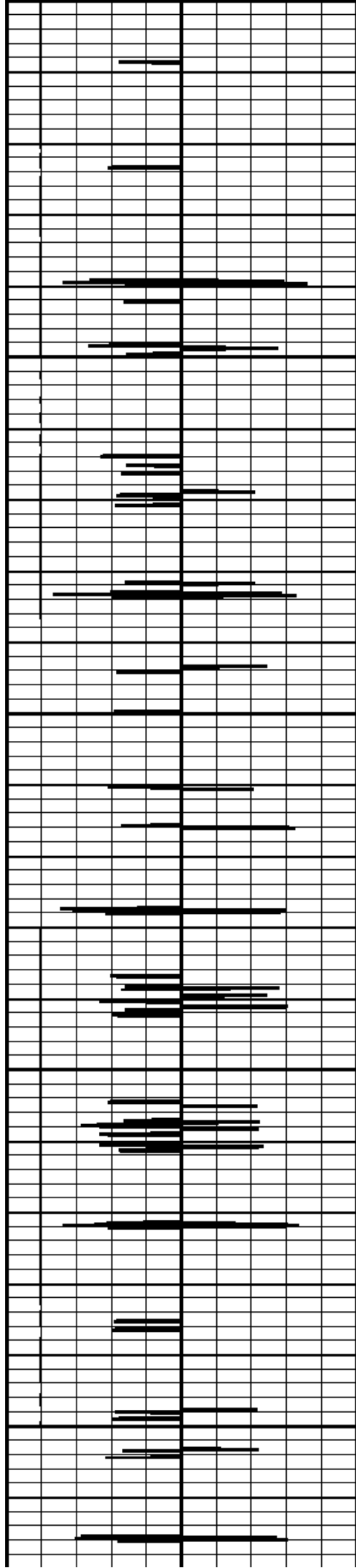
185.1

185.0

187.3







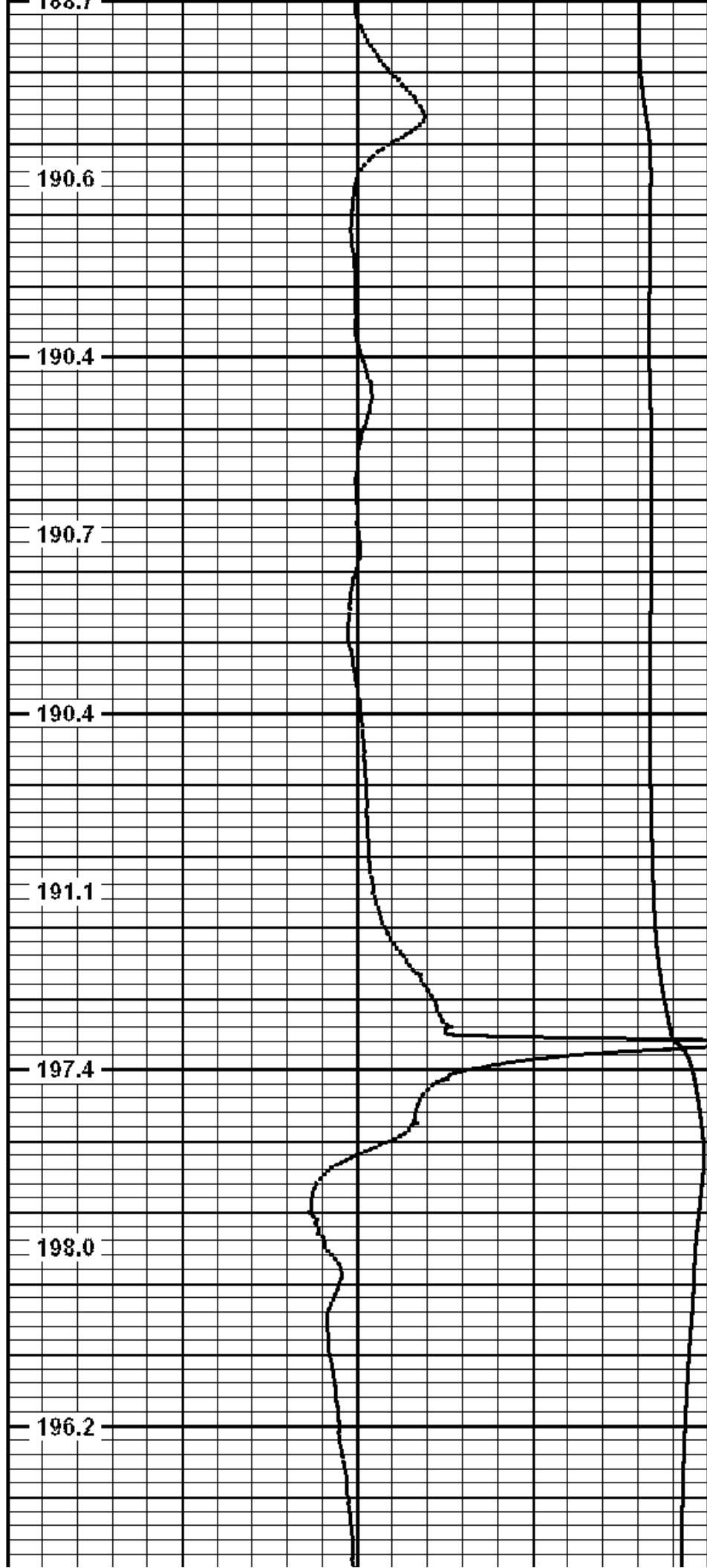
7500

7550

7600

7650

7700



188.7

190.6

190.4

190.7

190.4

191.1

197.4

198.0

196.2

