

FILE COPY  
LDGO BOREHOLE RESEARCH GROUP



FOUR ELECTRODE DIPMETER  
COMPUTED RESULTS

FILING NO.	COMPANY <u>PUERTO RICO ELECTRIC POWER</u>		
	<u>AUTHORITY</u>		
	WELL <u>TOA BAJA No. 1</u>		
	FIELD <u>WILDCAT</u>		
	COUNTY <u>TOA BAJA</u>	STATE <u>P. R.</u>	
	Location: SANTA ELENA FARM PR#165, Km. 15.7 TOA BAJA PUERTO RICO X = 171716.2097, Y = 66428.5937		Other Services: DIL/LSS SLD/DSN TEMP, BHTV
Permanent Datum:	<u>MEAN GROUND LEVEL</u>	Elev. <u>15.07</u>	Elev.: K.B. <u>32.07</u>
Log measured from	<u>R.K.B. 15.07 FT.</u>	above perm. datum	D.F. <u>31.07</u>
Drilling measured from	<u>R.K.B.</u>		G.L. <u>15.07</u>

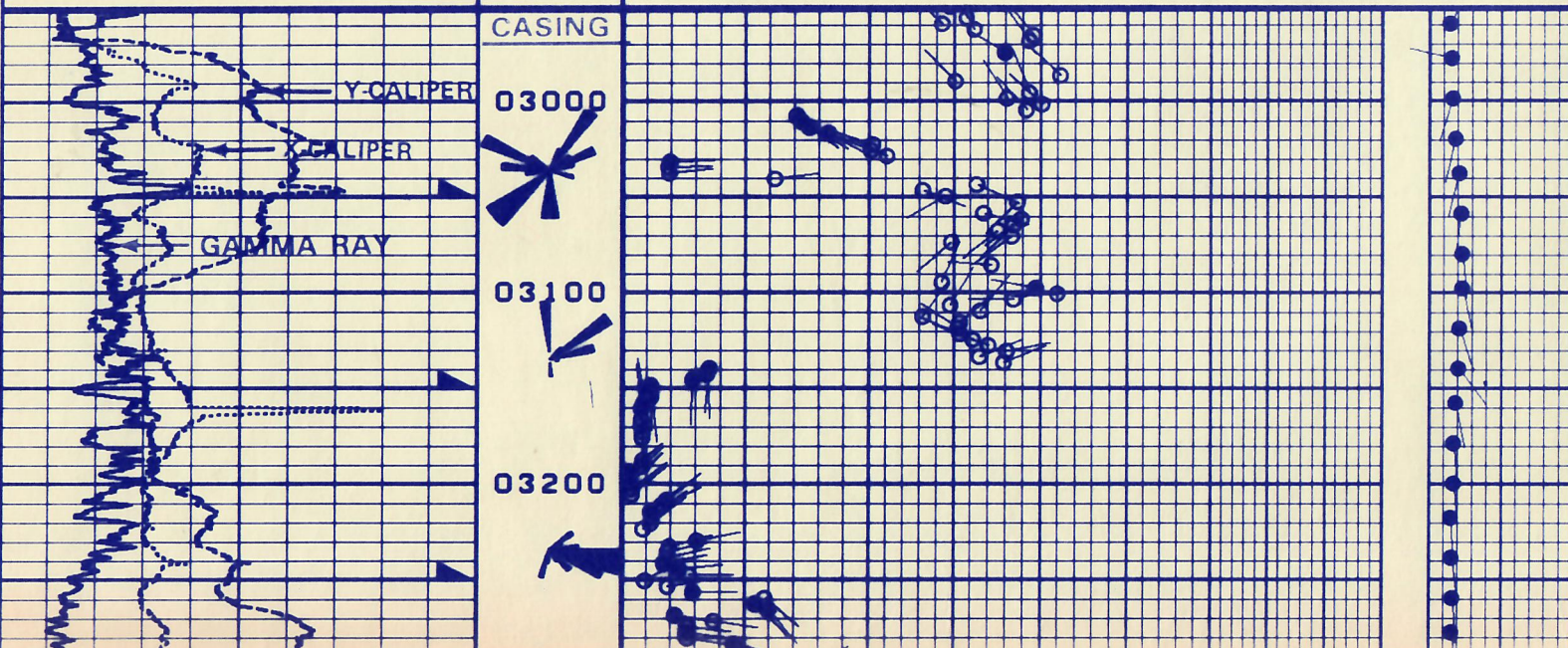
Date	11 / 05 / 89					
Run No.	TWO					
Depth - Driller	8831.0					
Depth - Logger	8811.0					
Bottom Logged Interval	8810.0					
Top Logged Interval	2968.0					
Casing - Driller	9.625	• 2968.0		•	•	•
Casing - Logger	2968.0					
Bit Size	8.75					
Type fluid in hole	POLY PLUS					
Density	10.0	9.8				
Viscosity						
pH	52	11.9				
Fluid Loss						
Source of Sample	FLOWLINE					
Rm @ Meas. Temp.	4.4	• 74 ° F		•	•	•
Rmf @ Meas. Temp.	4.2	• 74 °		•	•	•
Rmc @ Meas. Temp.	4.6	• 74 °		•	•	•
Source: Rmf Rmc	MEAS	MEAS				
Rm @ BHT	2.421	• 140 °		•	•	•
Time	End Circulation	17:00 11/04/89				
	Logger on bottom	21:59 11/05/89				
Max. rec. Temp.	140, 140, 140 °					
Equip. No.	8612	LAF				
Location						
Recorded by	K. MALIK					
Witnessed by	MR. LARUE	MR. GOLDBERG				

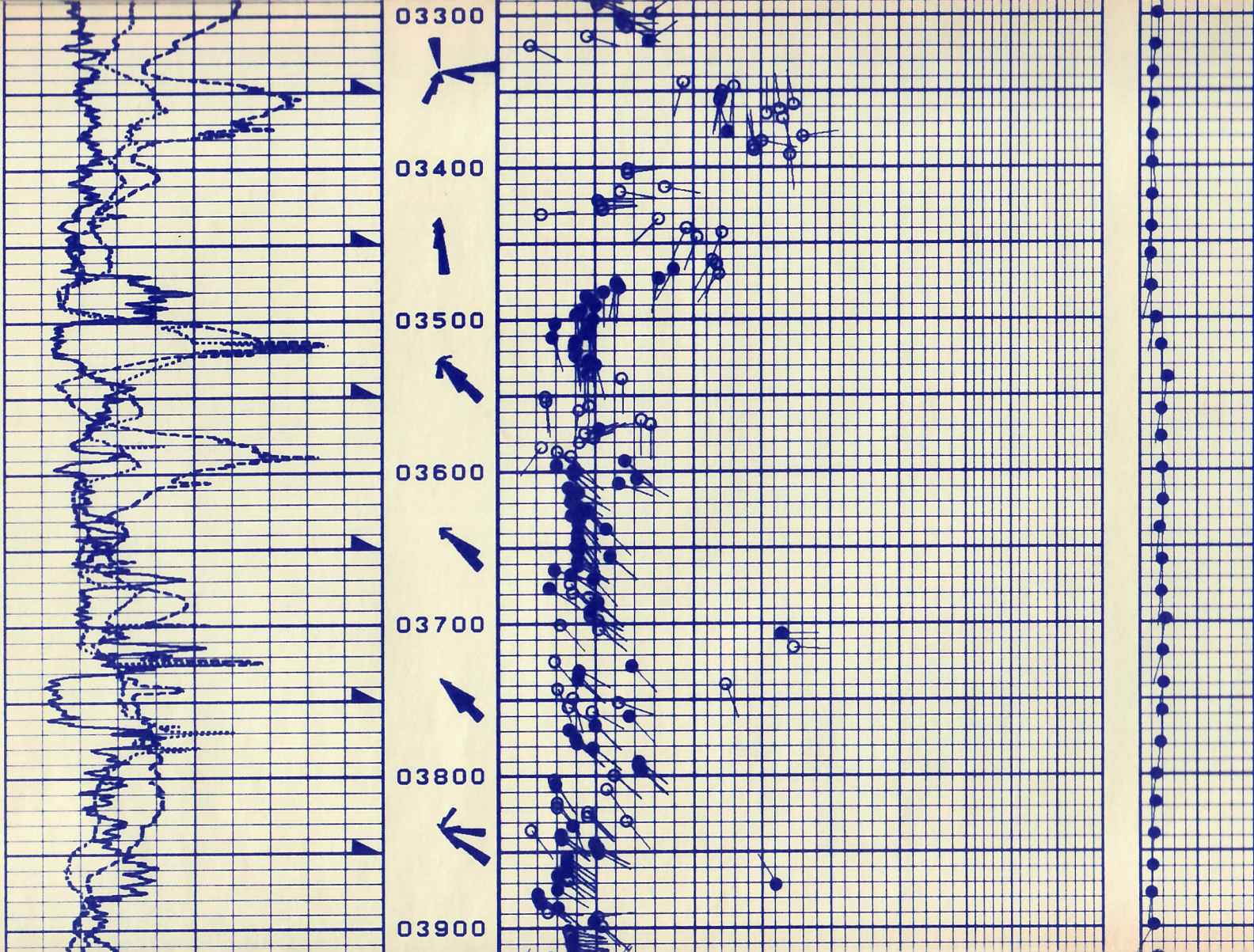


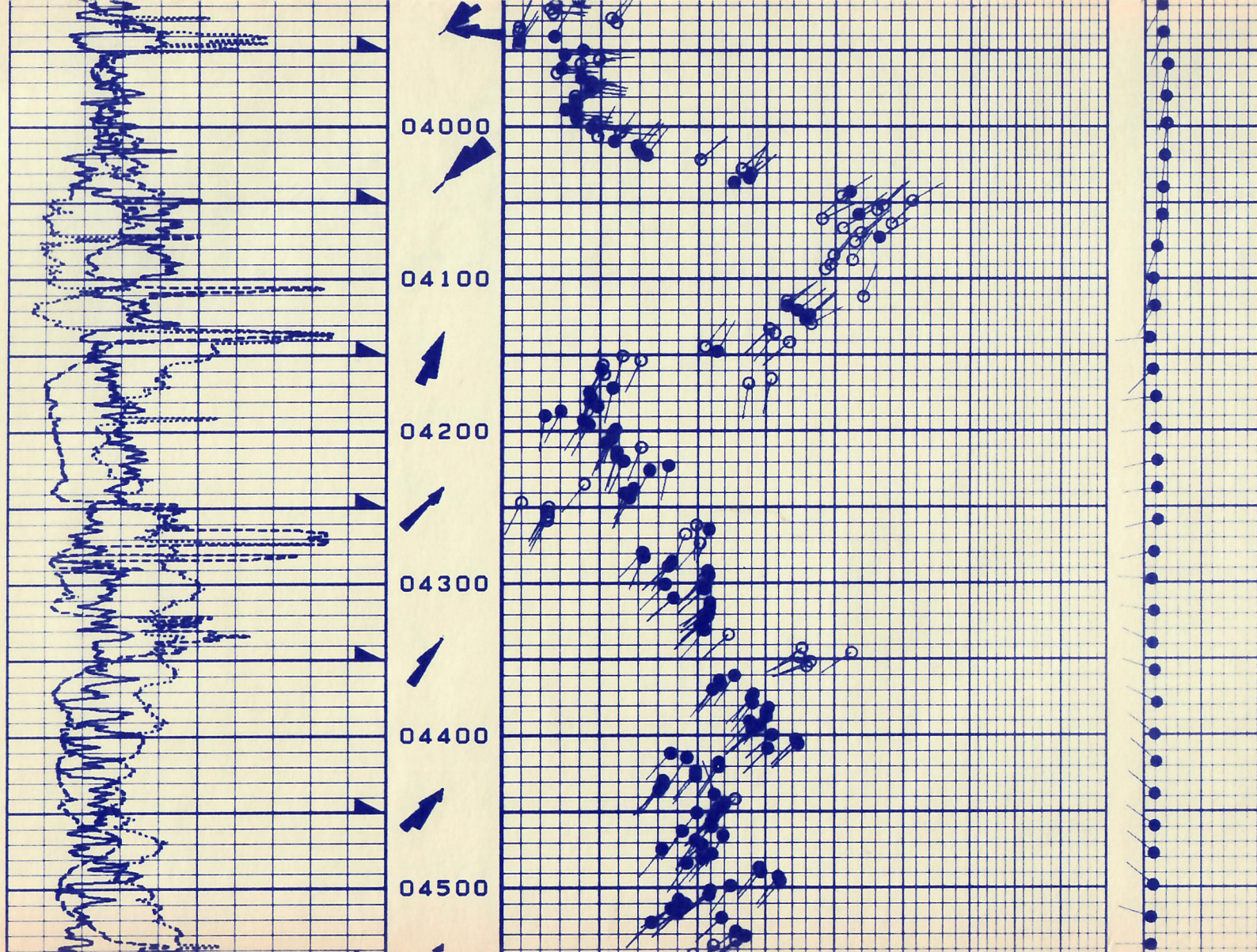
\*NEXUS\* 9' X 36" X 25"  
 MAGNETIC DECLINATION = -2°  
 TADPOLE DEPTH = 2950.4

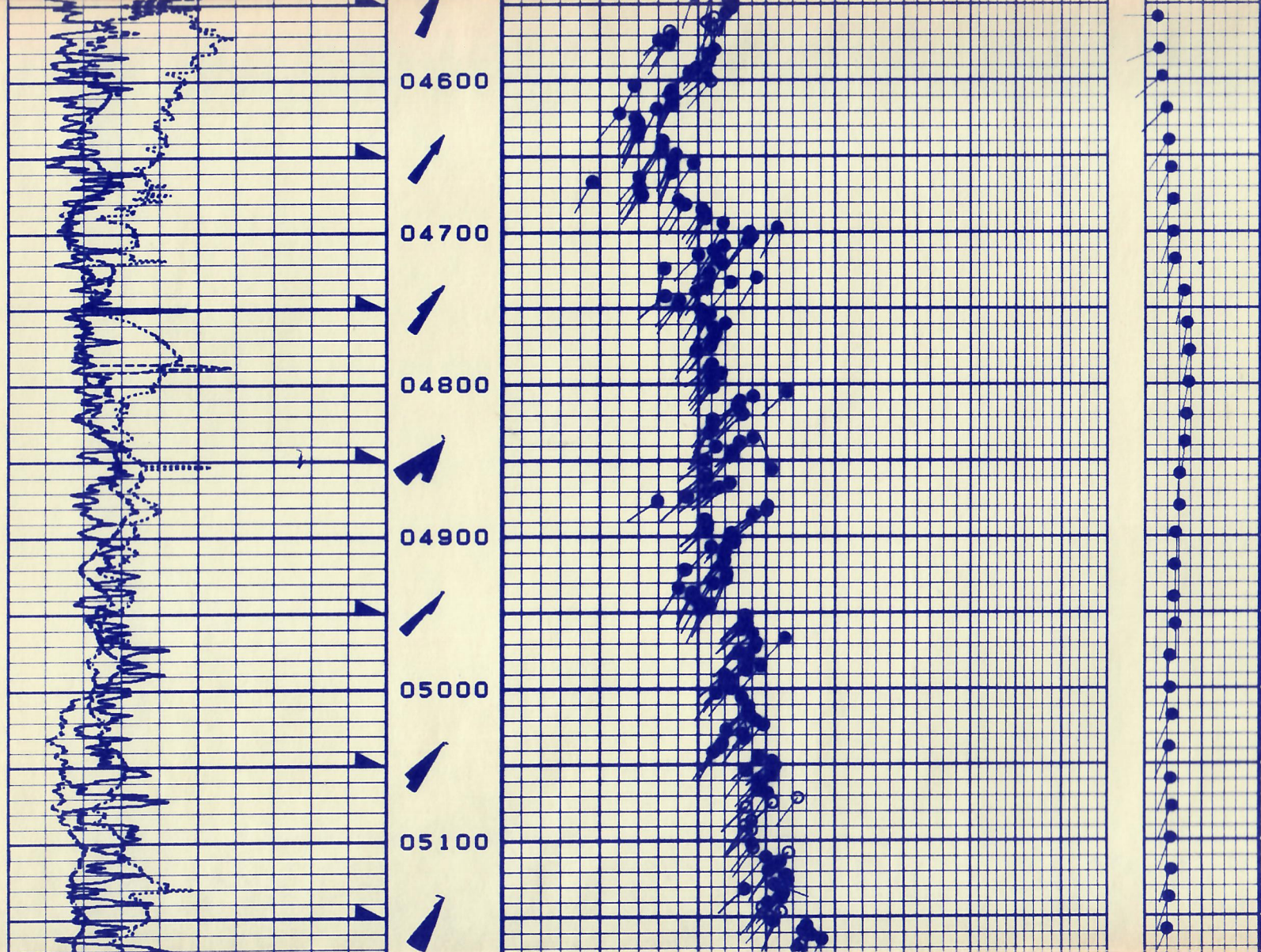
	TRUE DIP ANGLE						HOLE	
	AND DIRECTION						ORIENT	
0°	10°	20°	30°	40°	50°	60°	90°	0° 10°

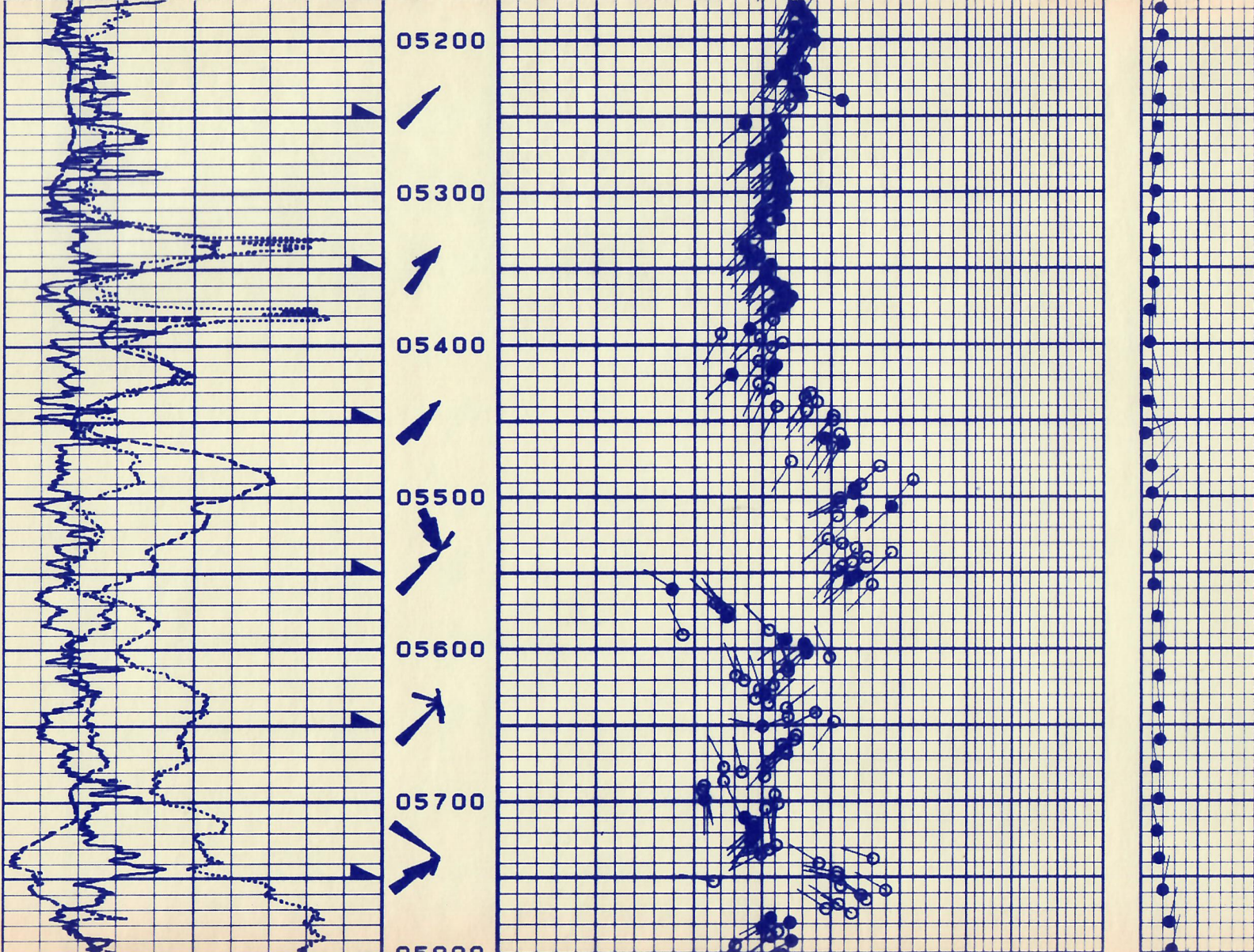
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8	CALIPER X	18
0	GR API	100

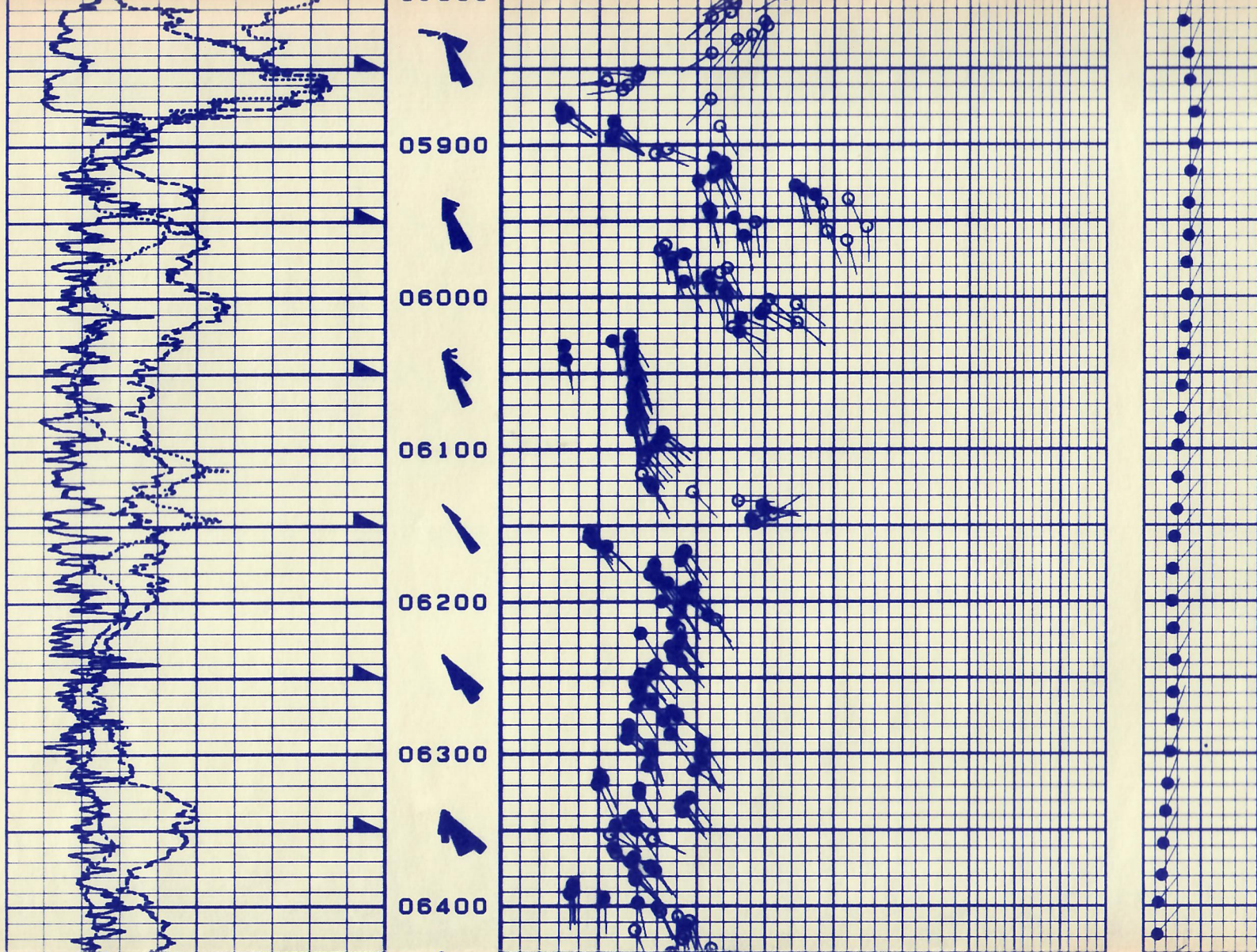




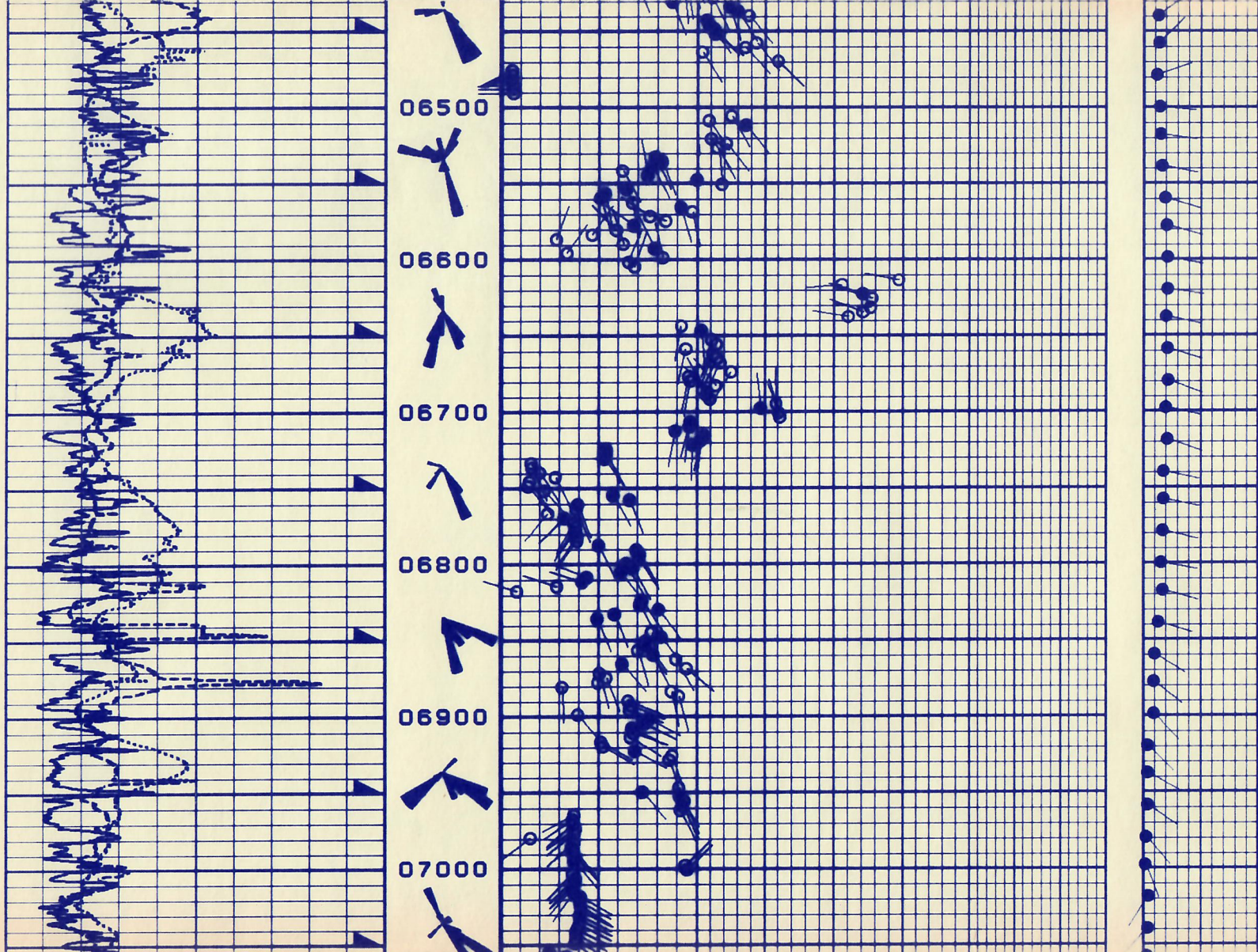


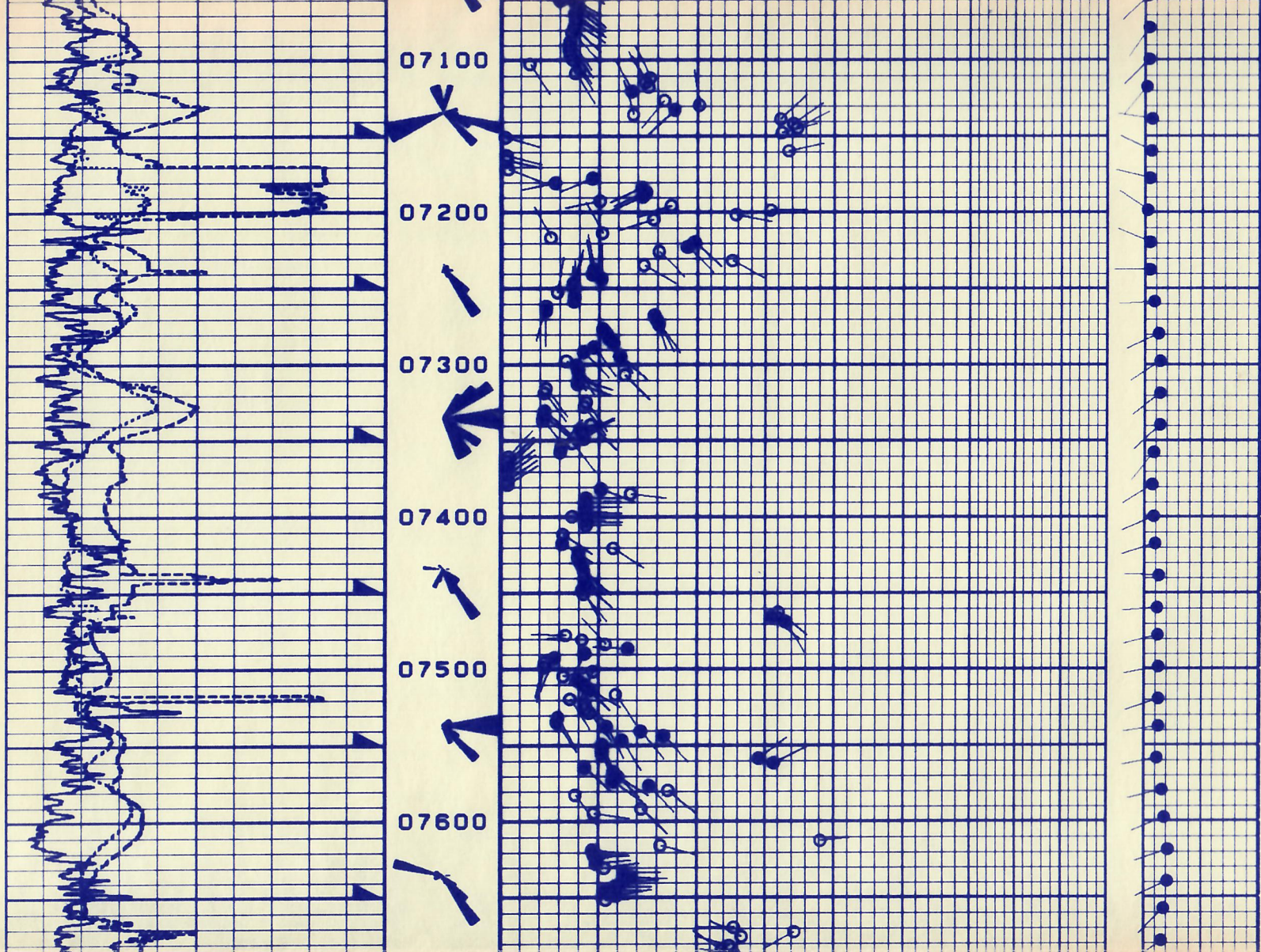


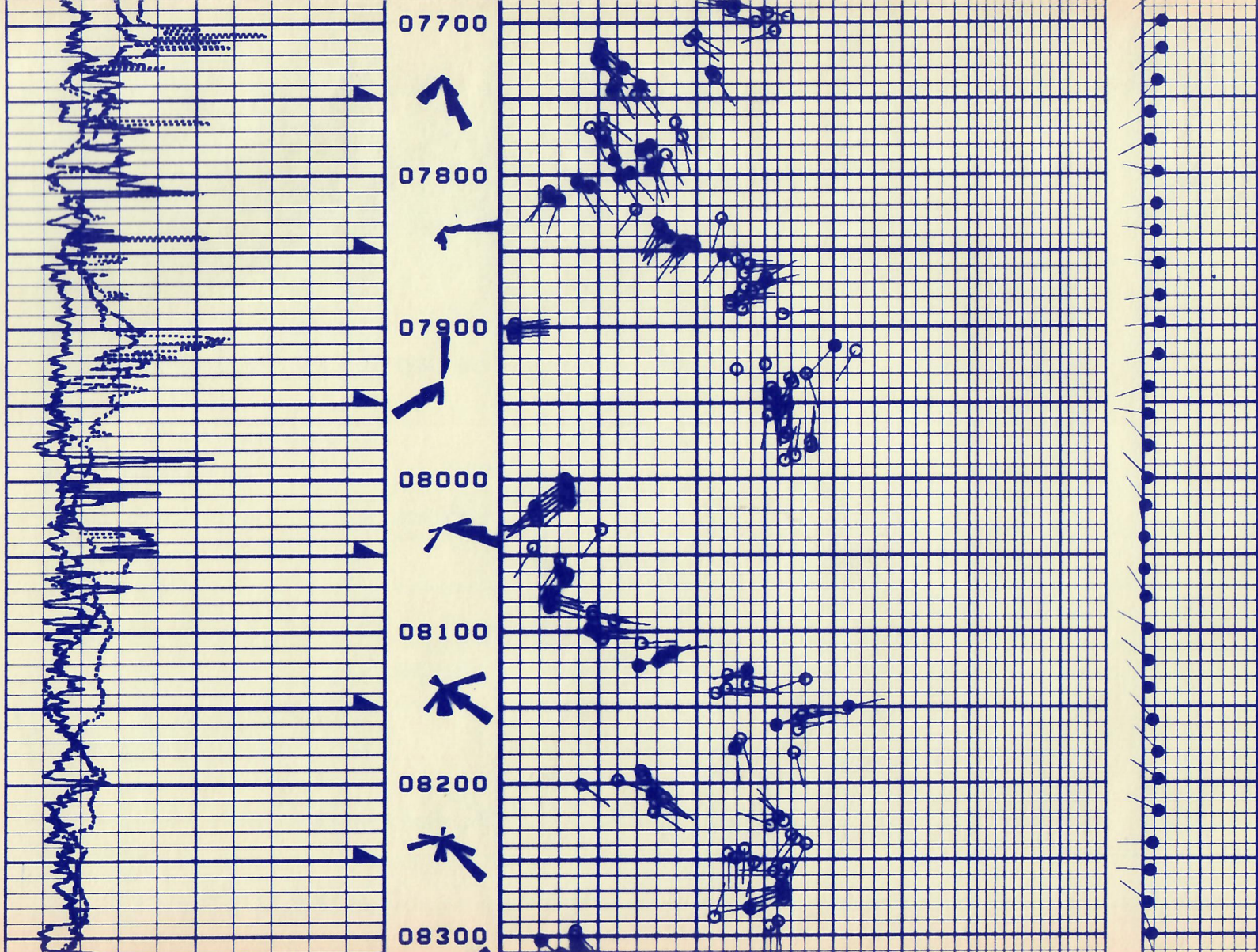


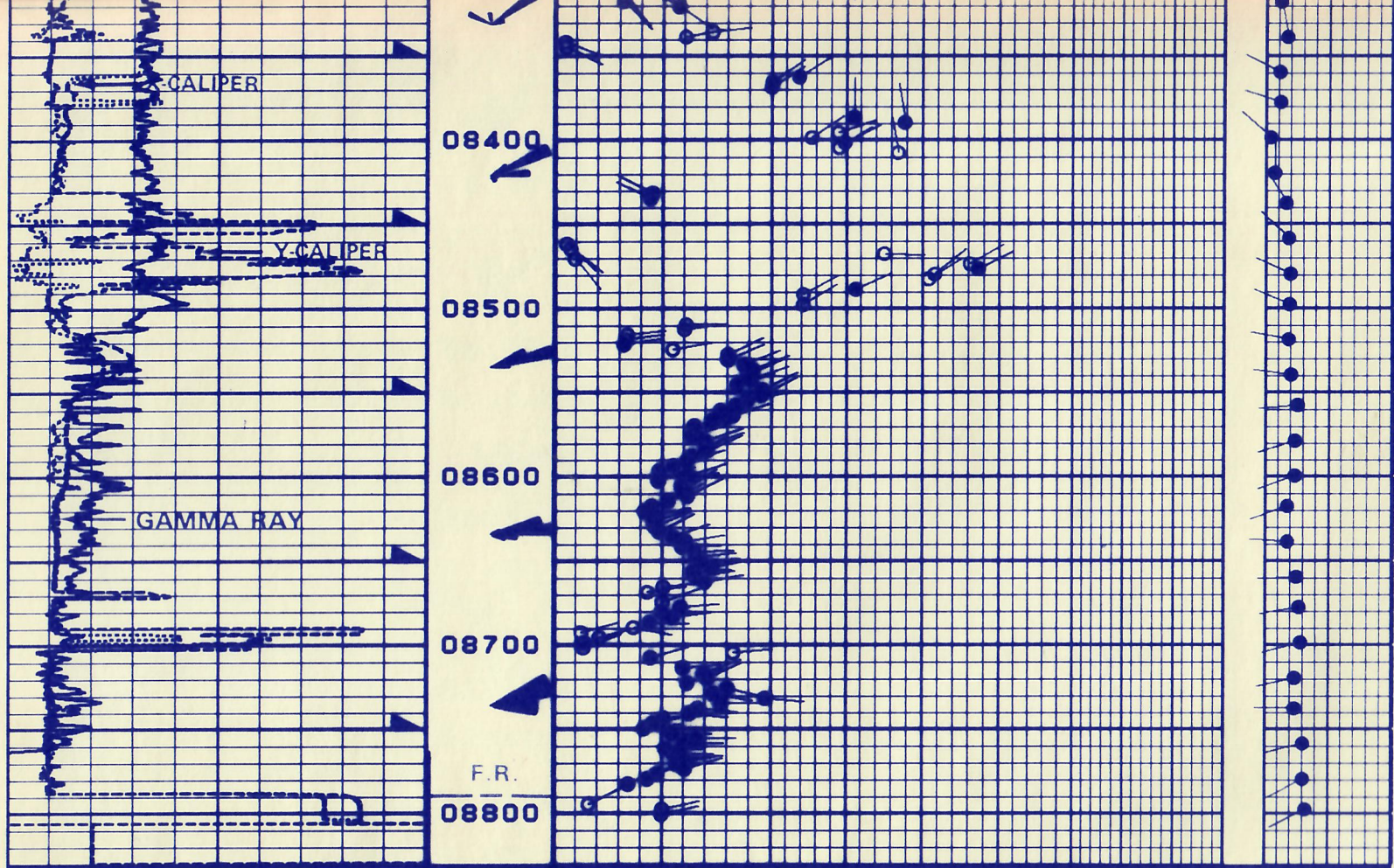












8	CALIPER Y	18
8	CALIPER X	18
0	GR API	100

TRUE DIP ANGLE  
AND DIRECTION

HOLE  
ORIENT

0° 10° 20° 30° 40° 50° 60° 90° 0° 10°

\*NEXUS\* 9' X 36" X 25"  
MAGNETIC DECLINATION = -2°  
TADPOLE DEPTH = 8803.4

11-05-85 8806.4 24544 0089-26 0 22:00

11-06-89 2953.4 24544 0089-26 0 22:00

\*NEXUS\* 9' X 36" X 25"  
MAGNETIC DECLINATION = -2°  
TADPOLE DEPTH = 2950.4

TRUE DIP ANGLE  
AND DIRECTION

HOLE  
ORIENT

0° 10° 20° 30° 40° 50° 60° 90° 0° 10°

8 CALIPER Y 18

8 CALIPER X 18

0

GR API

100

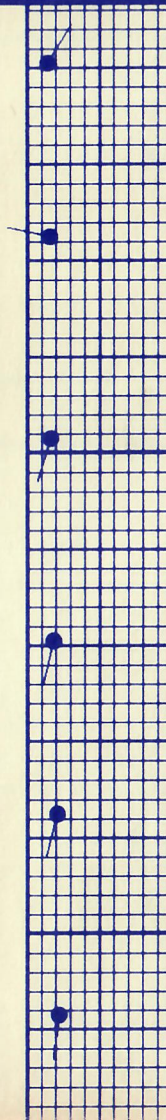
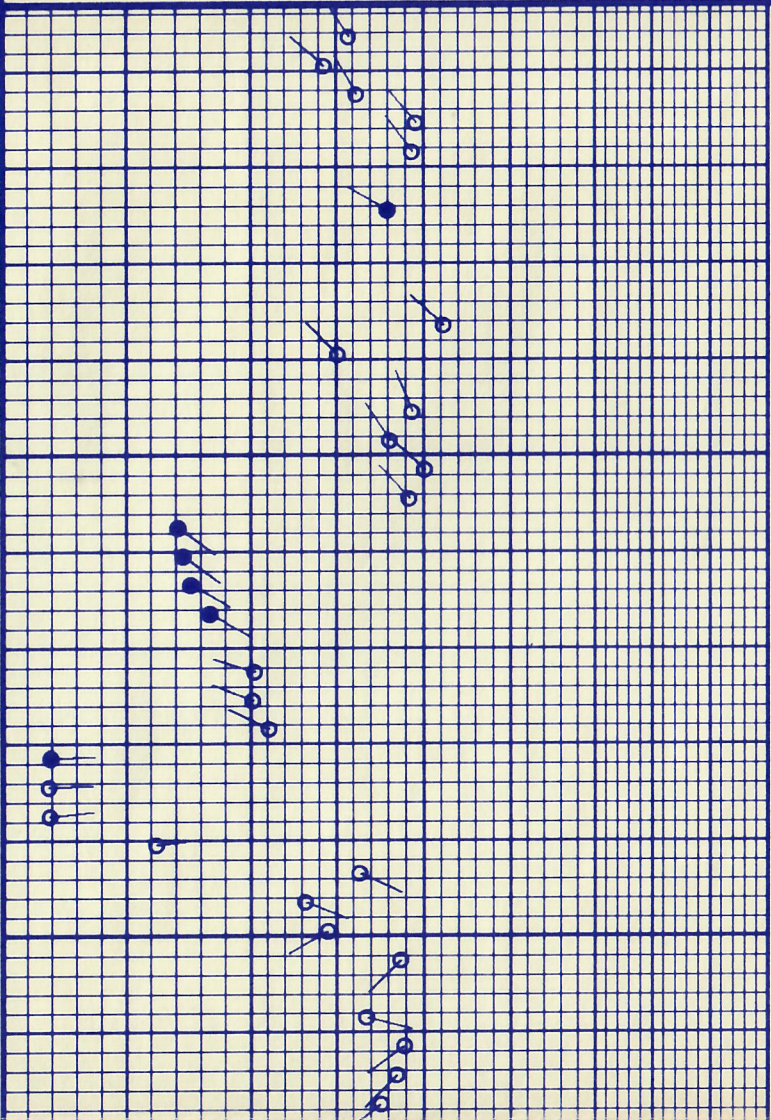
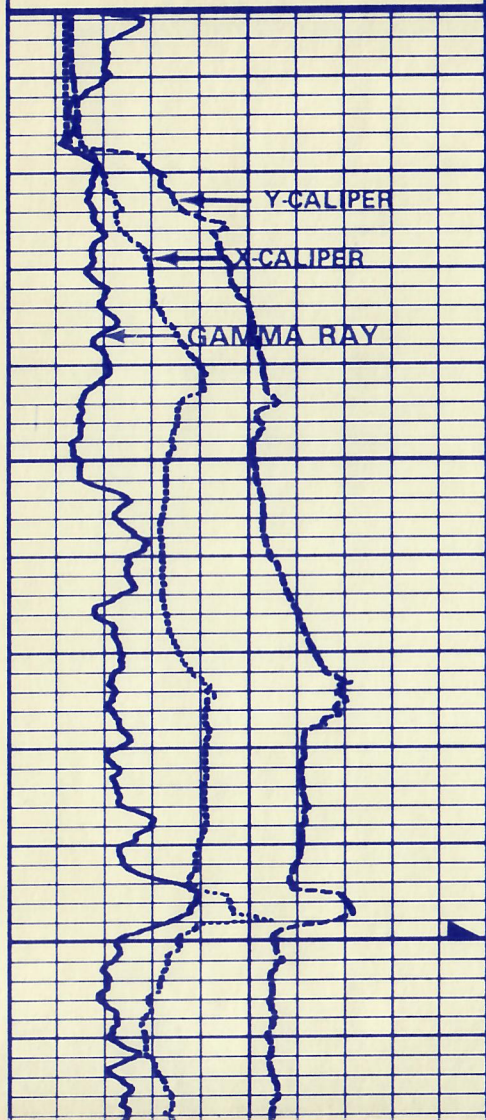
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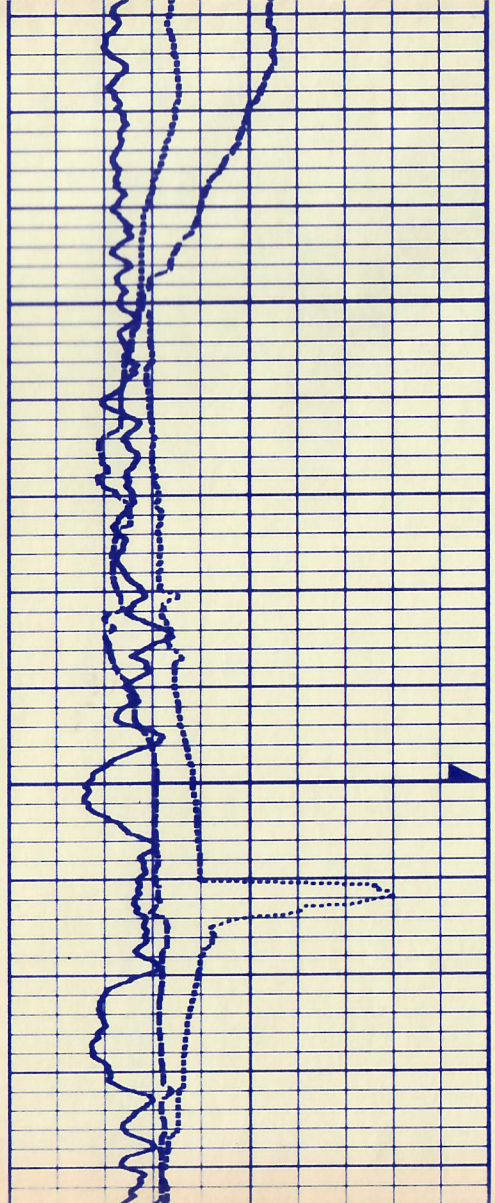
Y-CALIPER

X-CALIPER

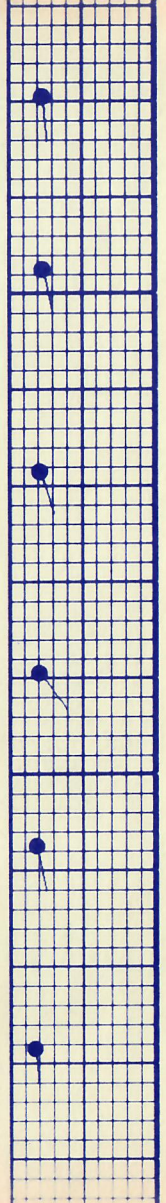
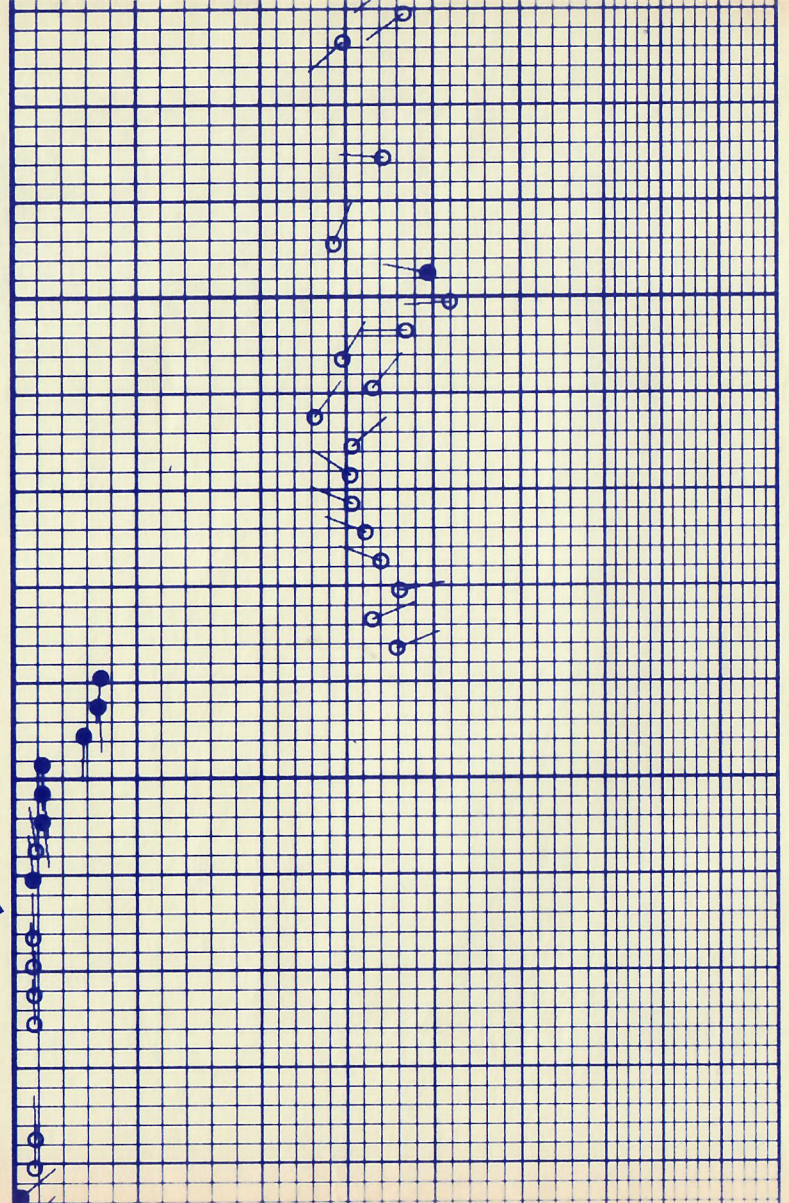
GAMMA RAY

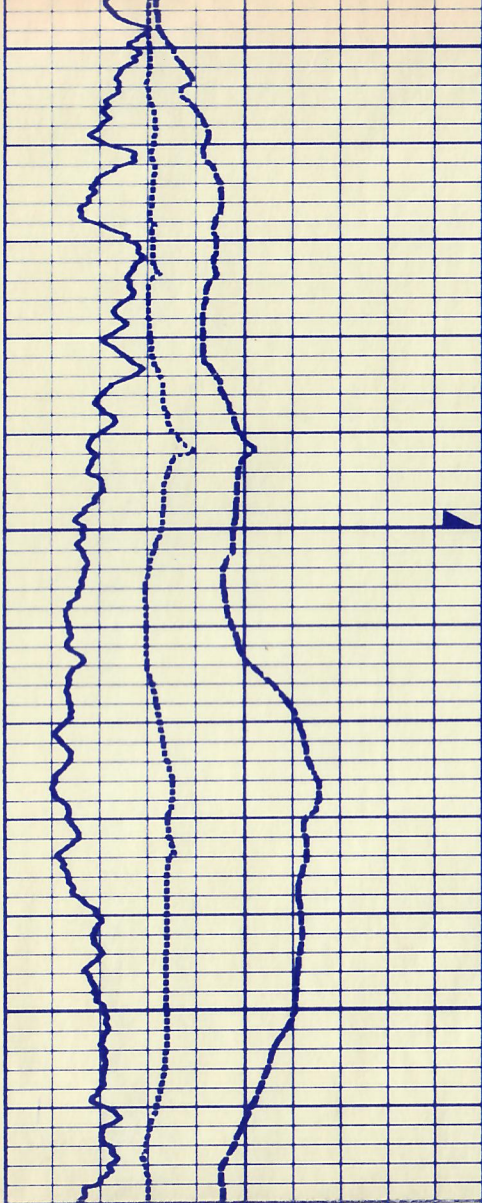
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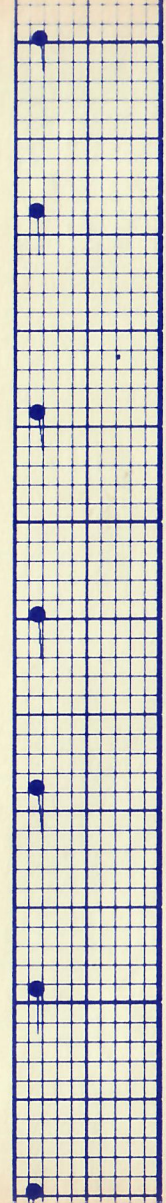
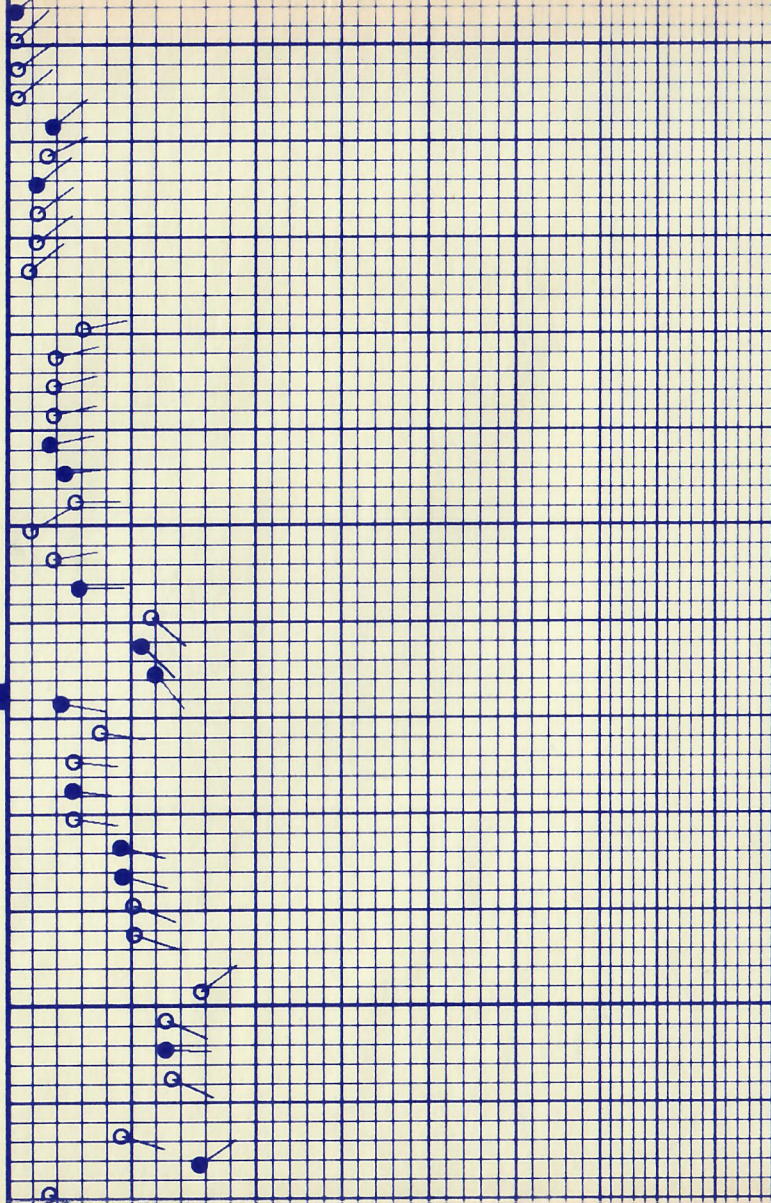
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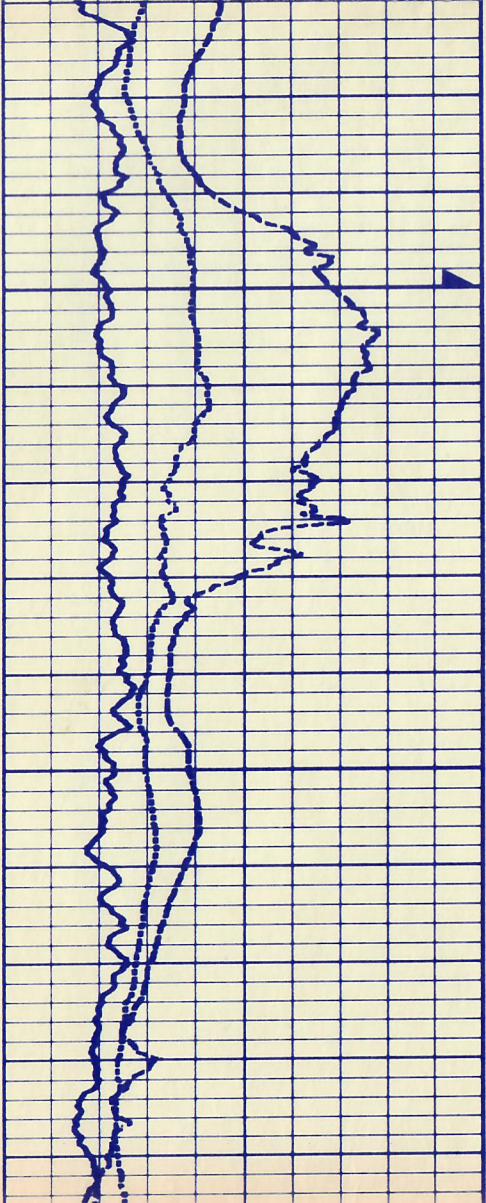


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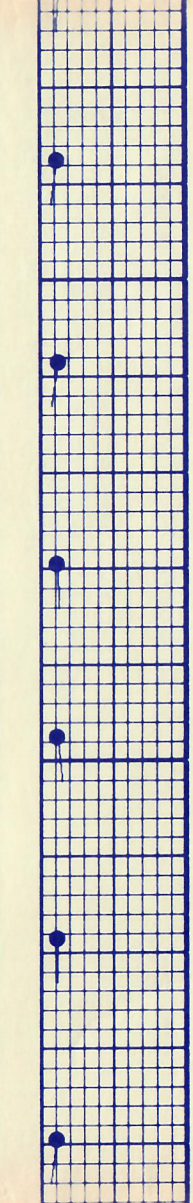
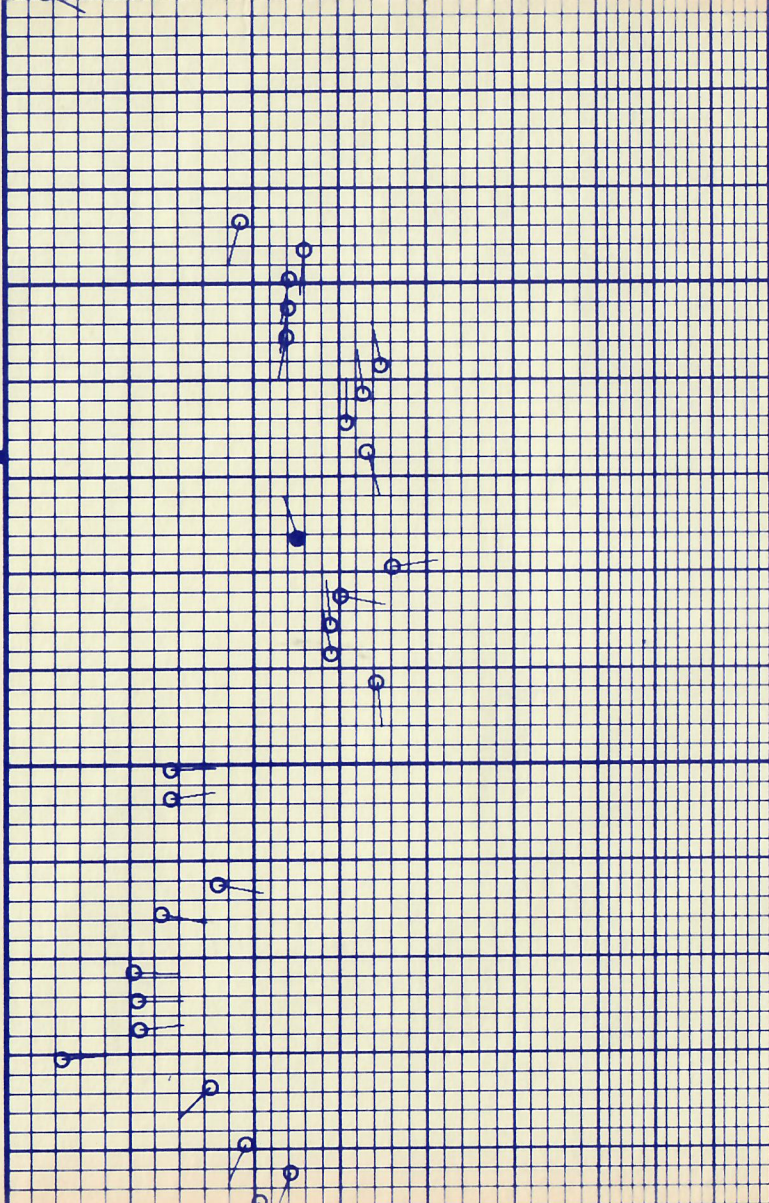
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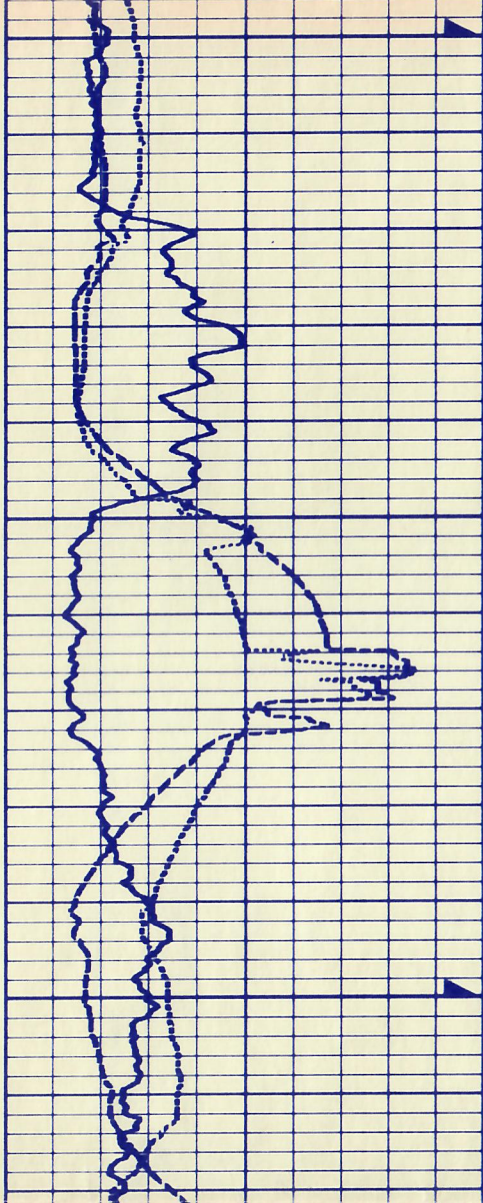




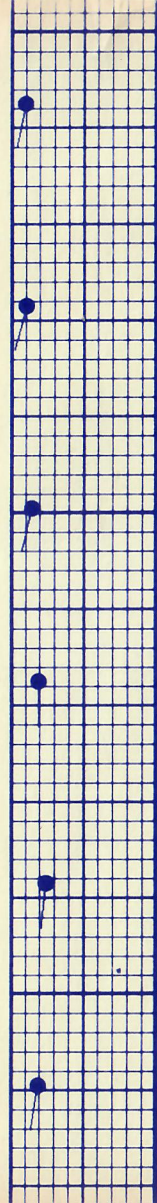
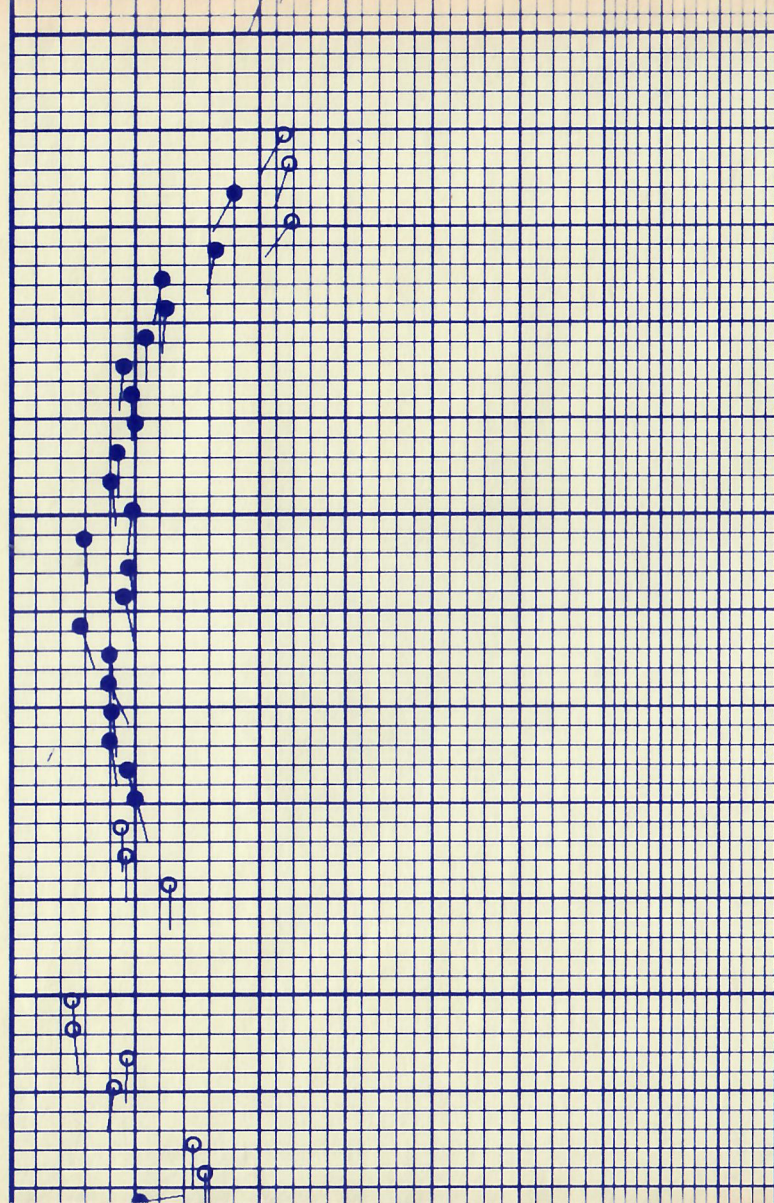


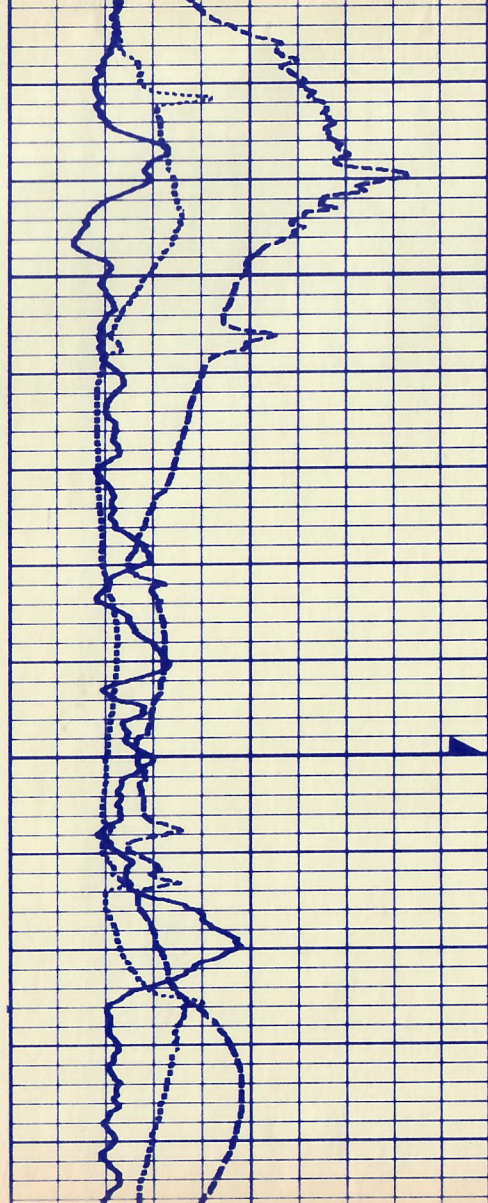
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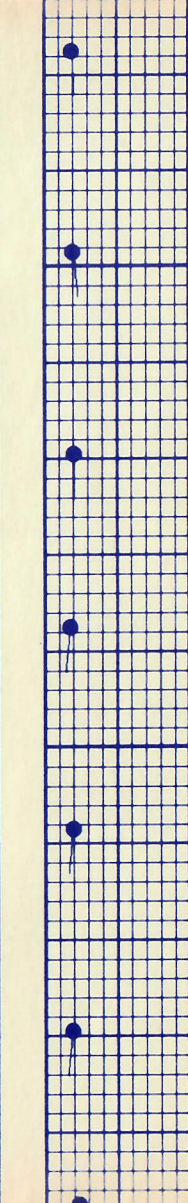
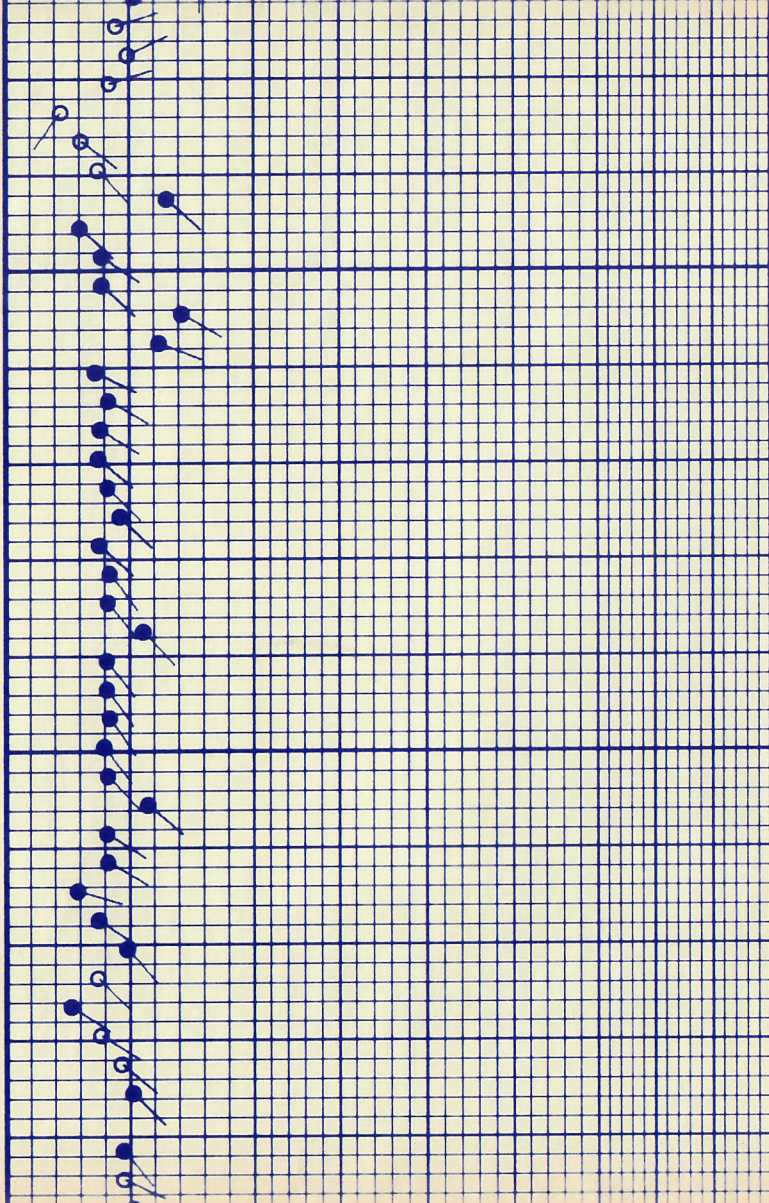


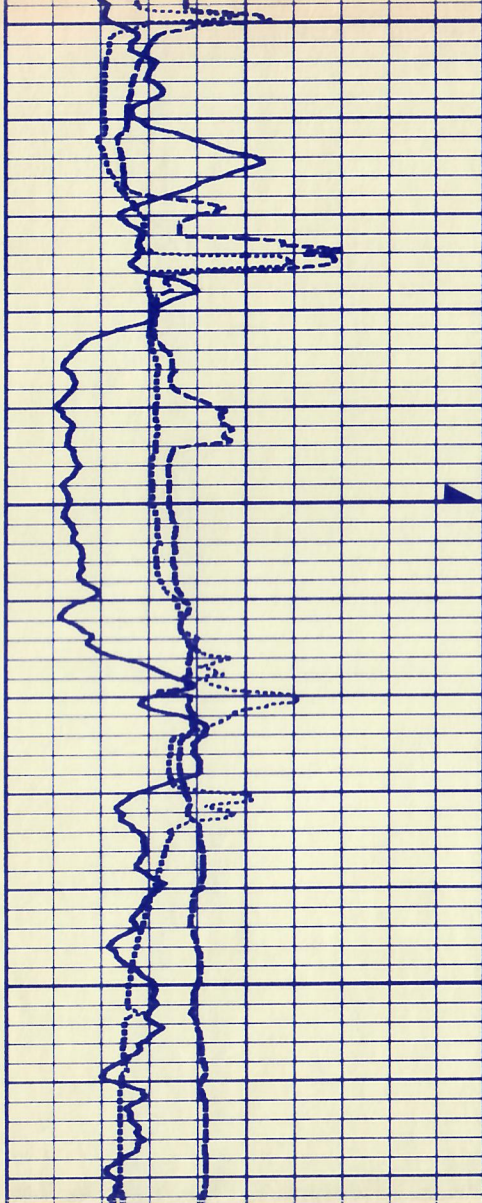
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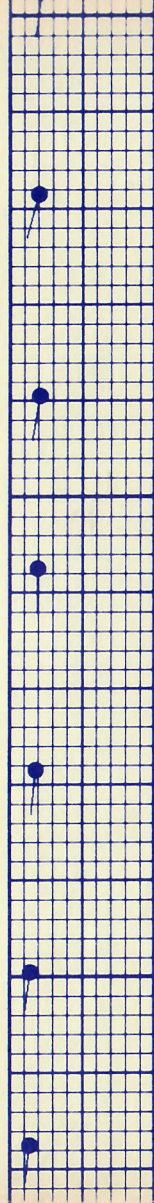
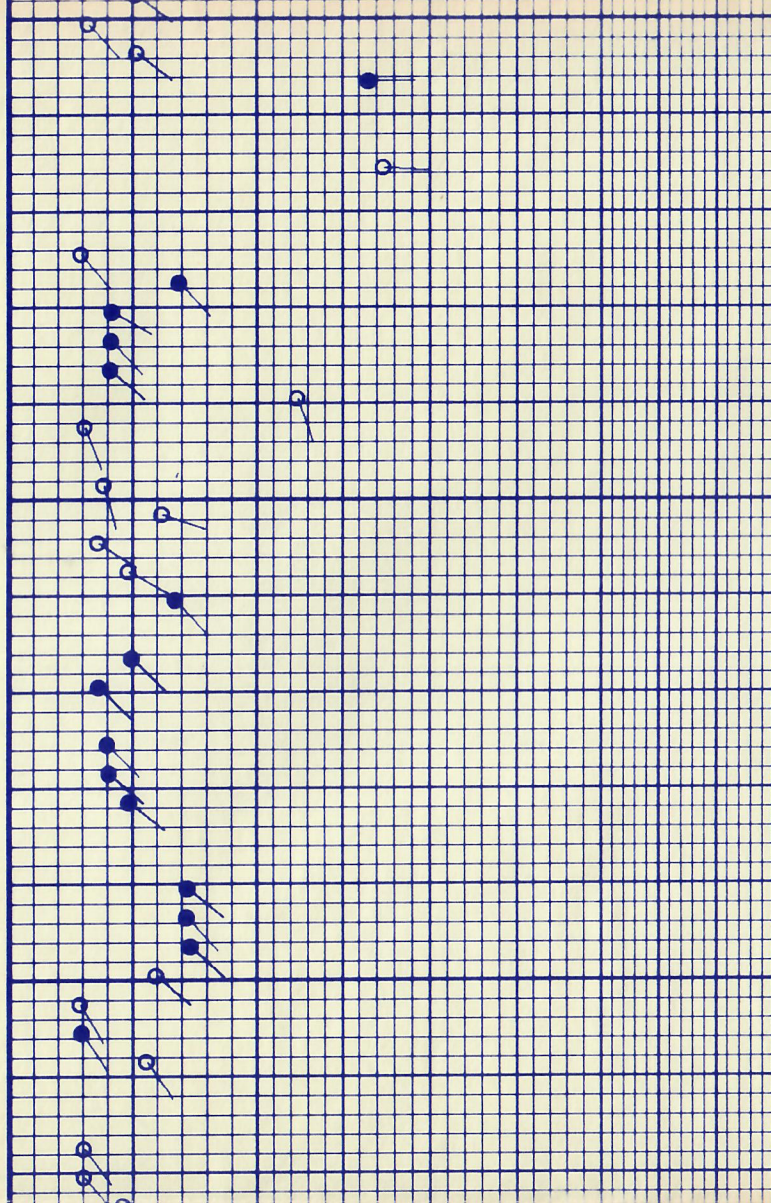
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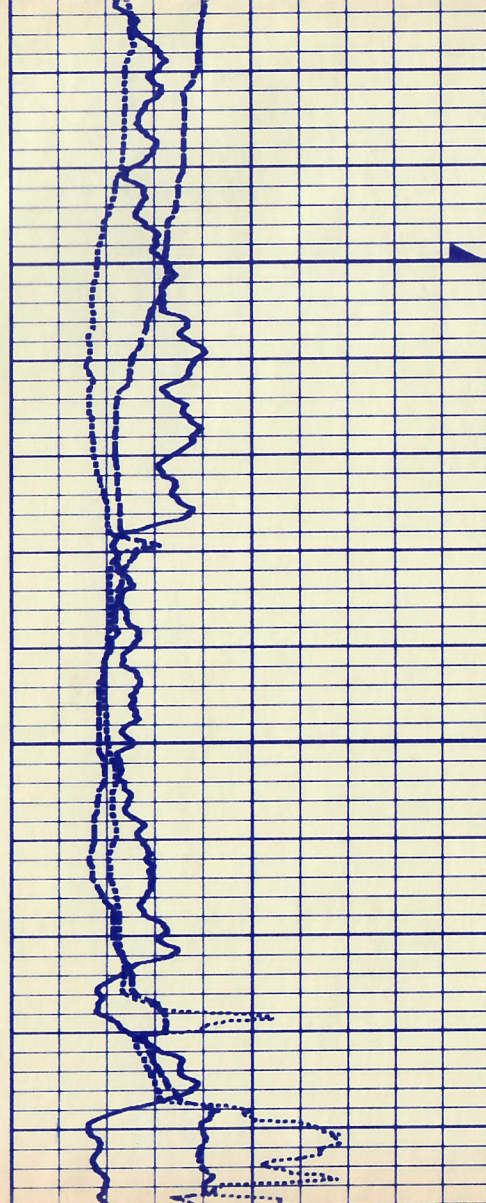




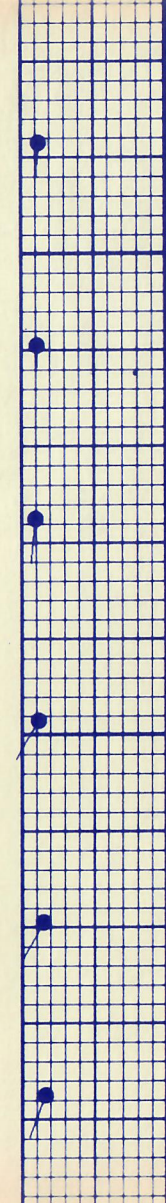
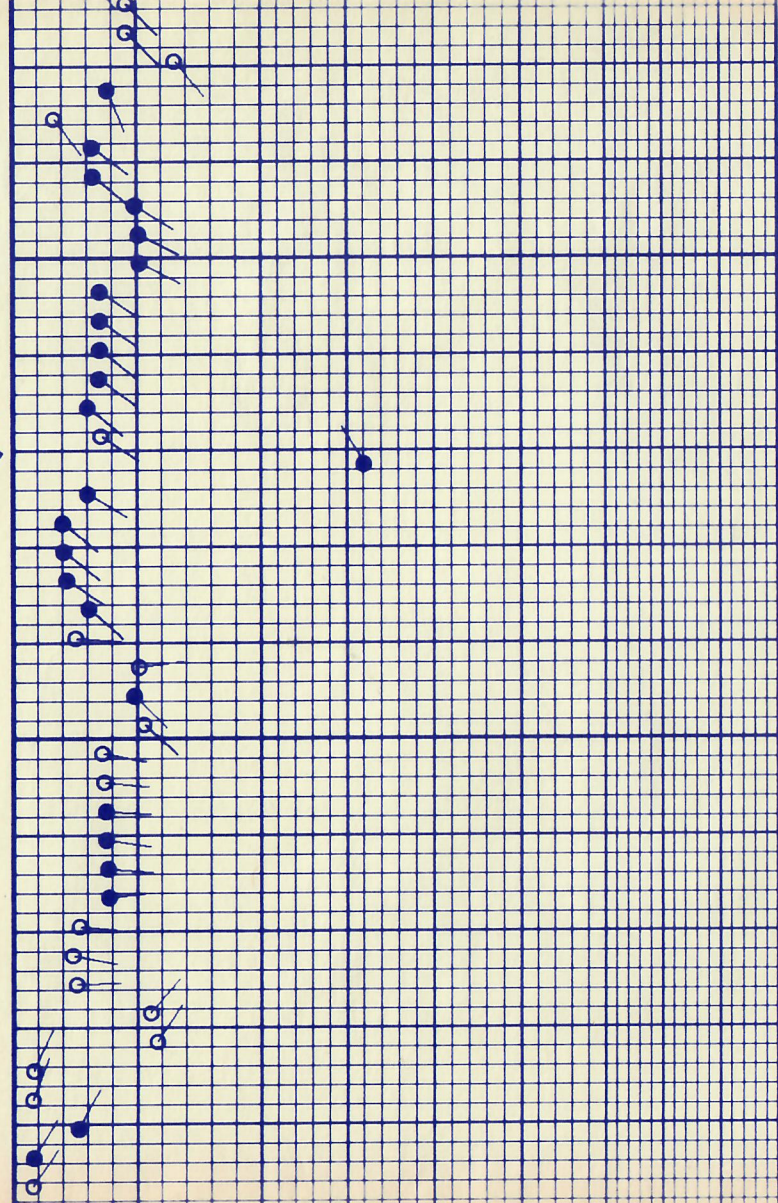
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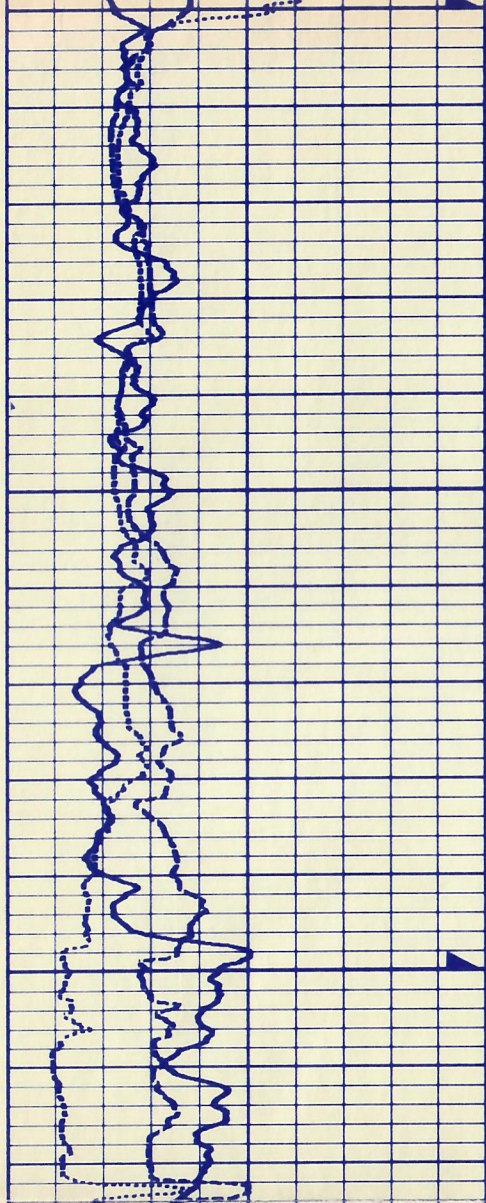
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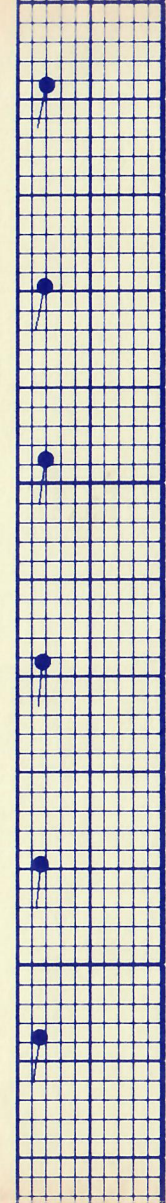
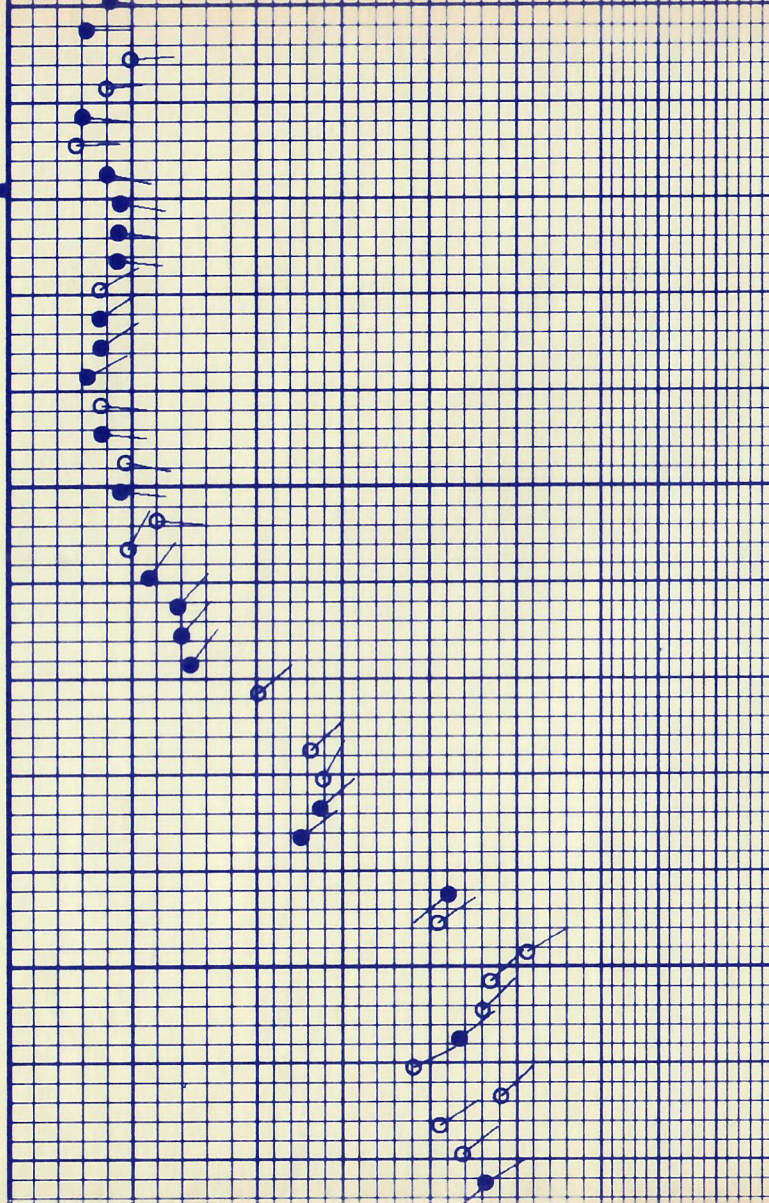


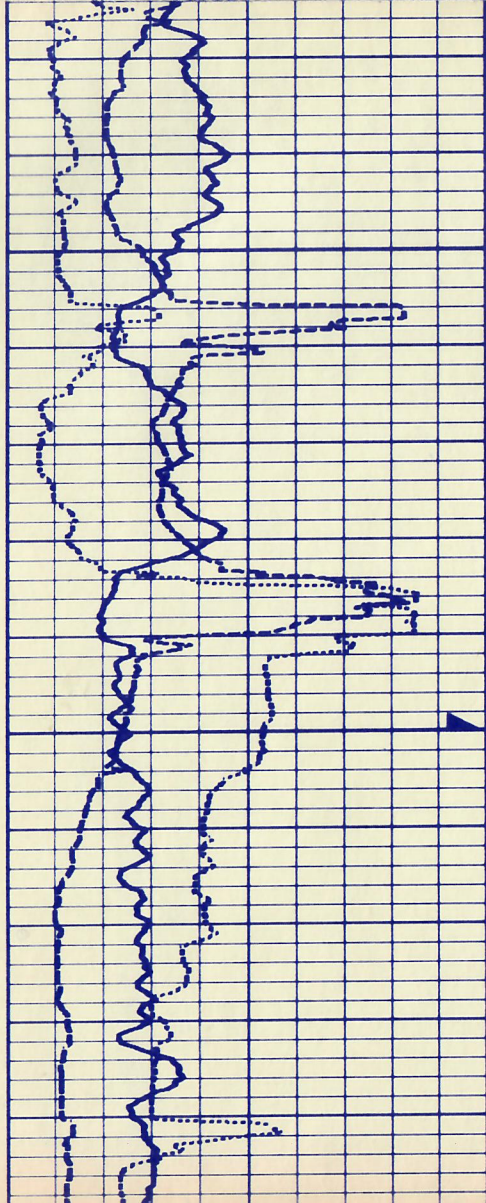
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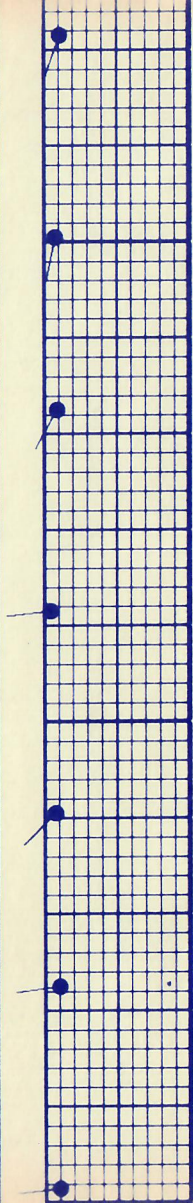
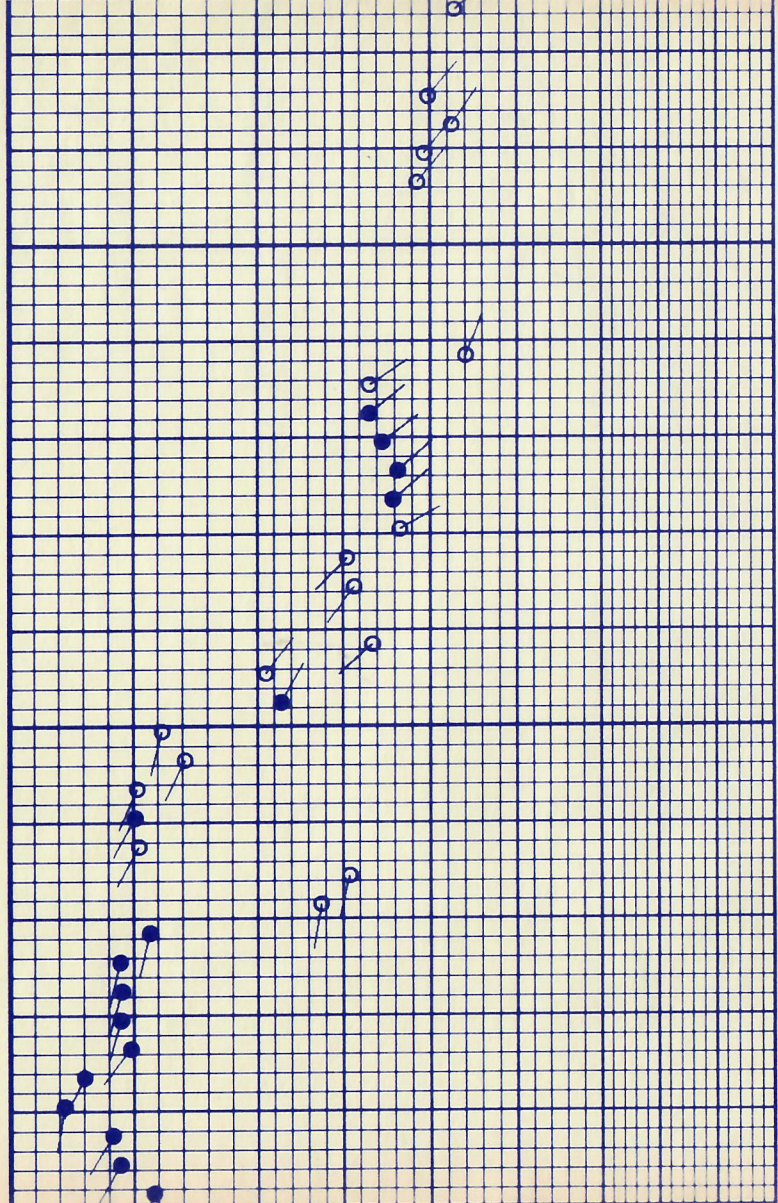


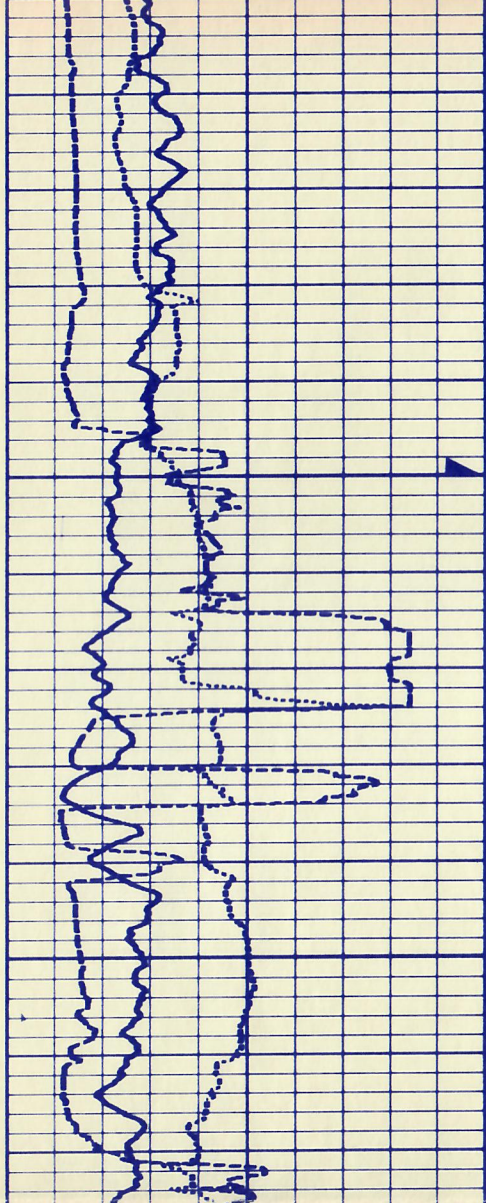
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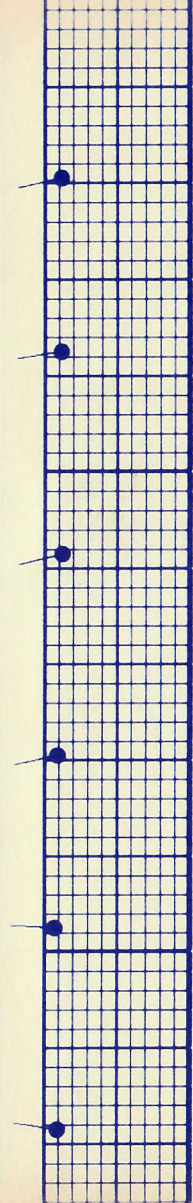
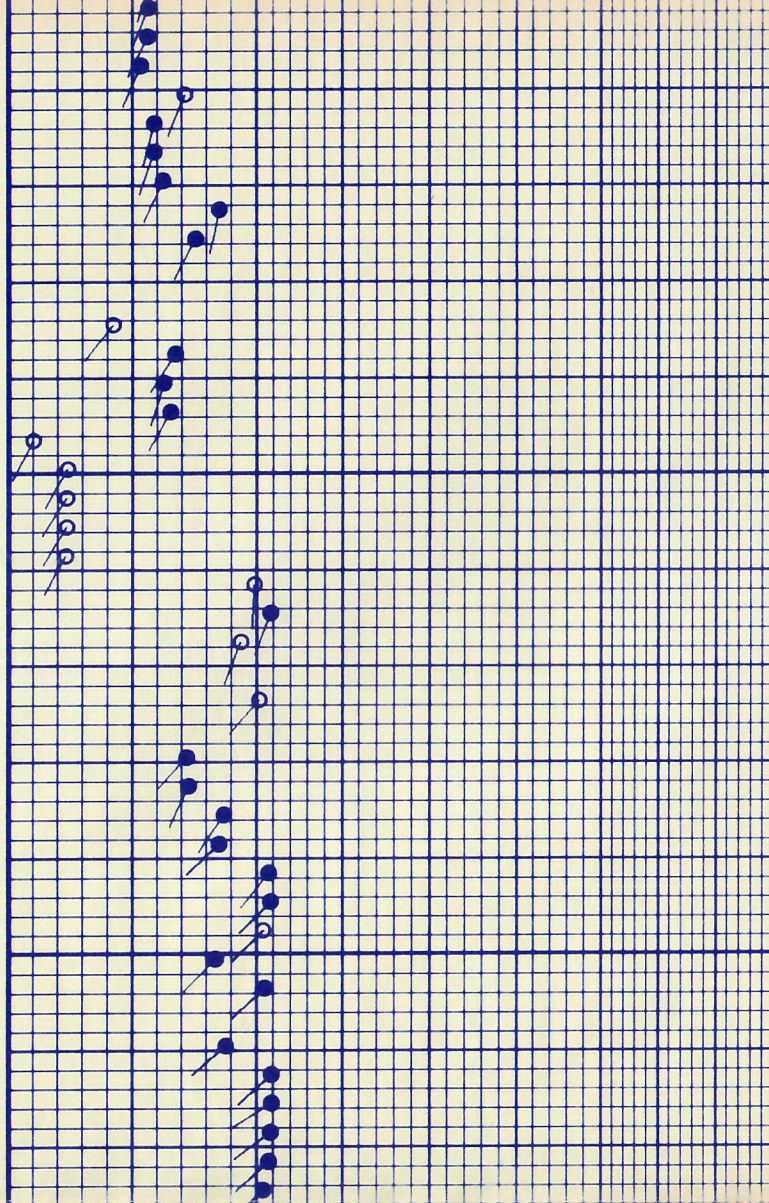


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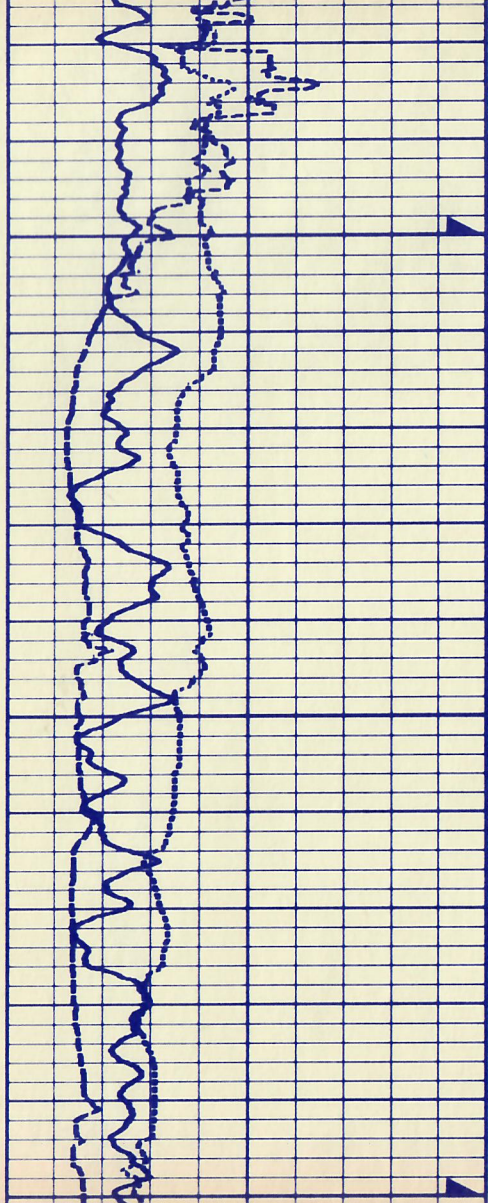




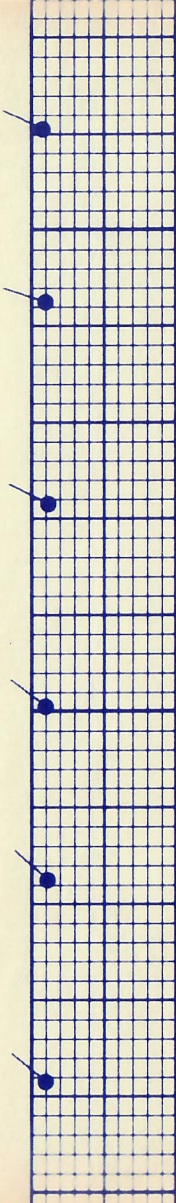
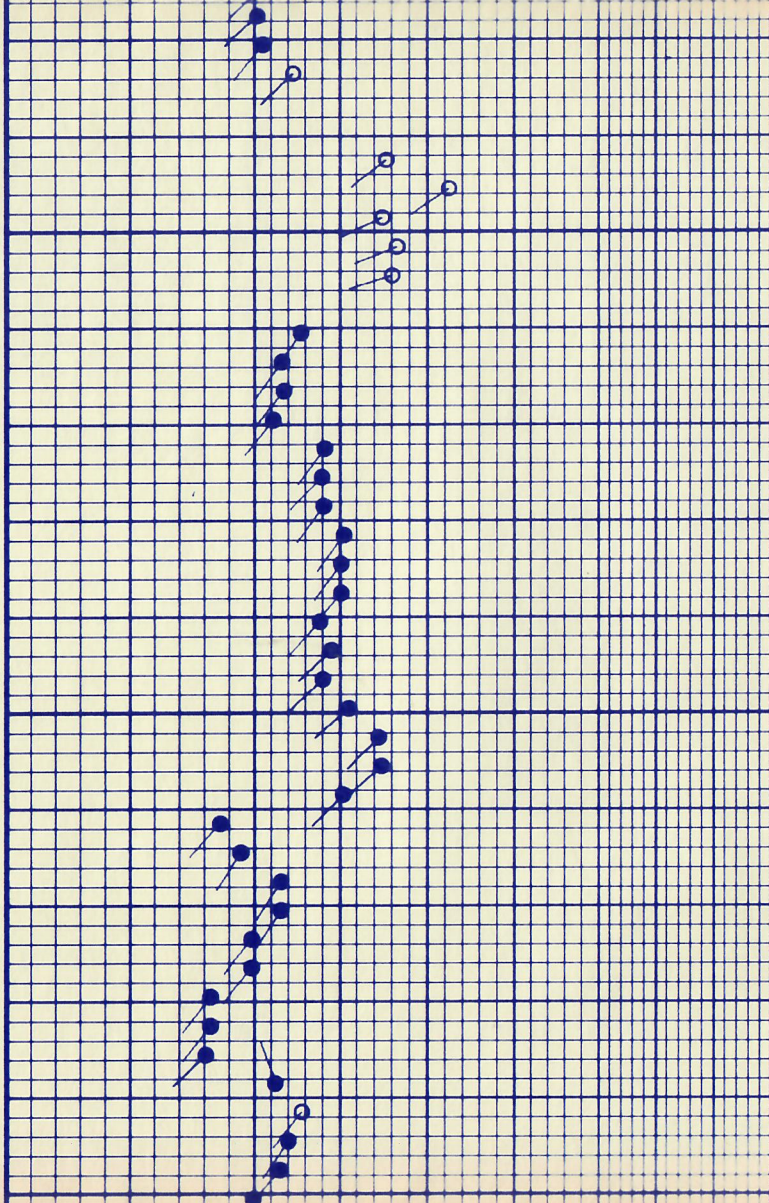
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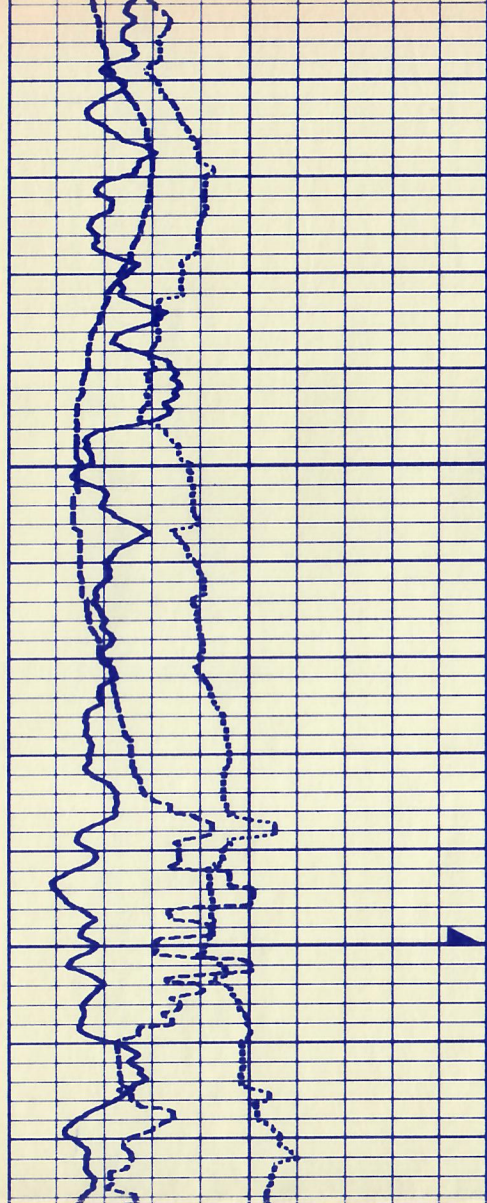




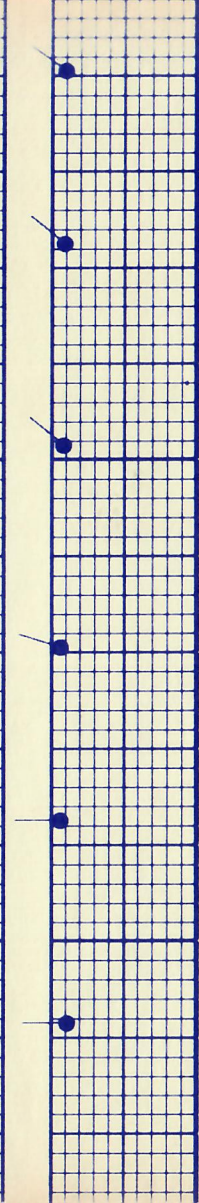
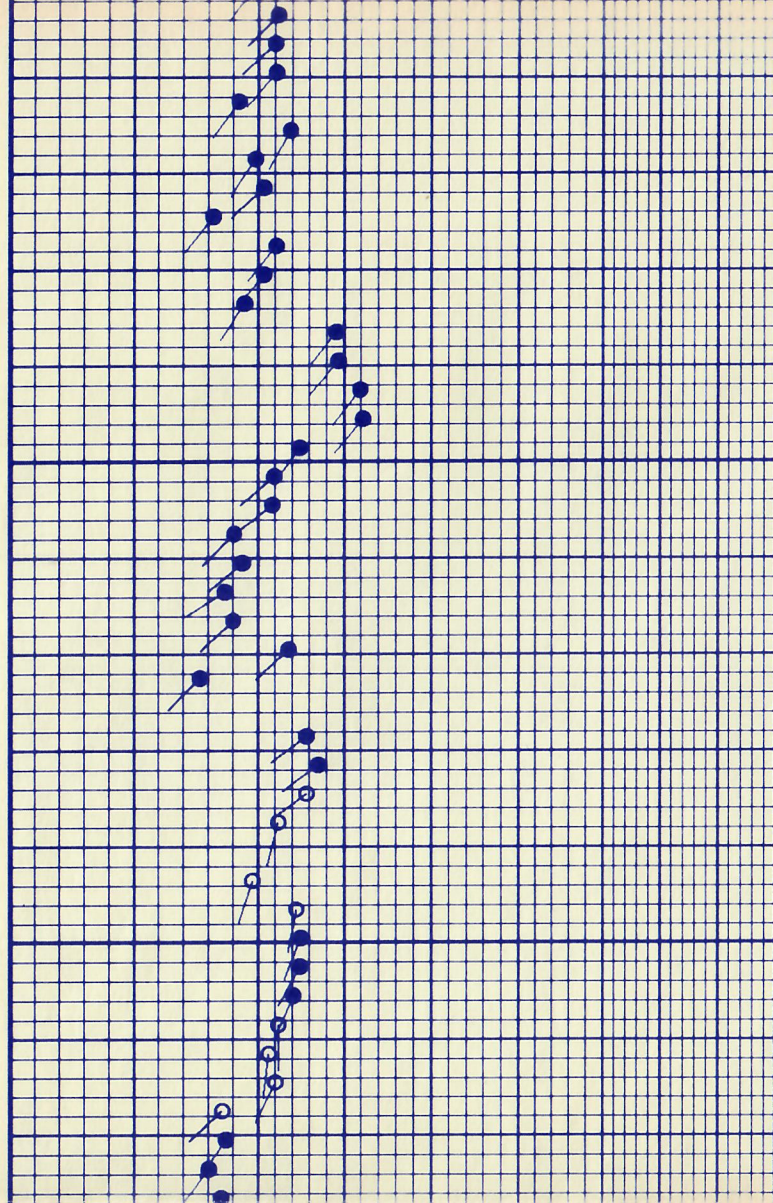


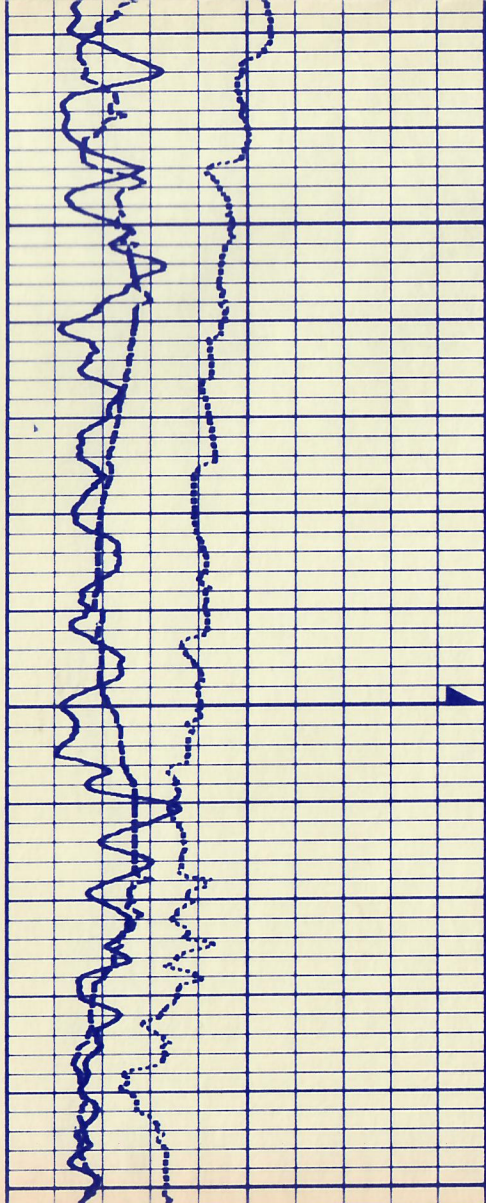
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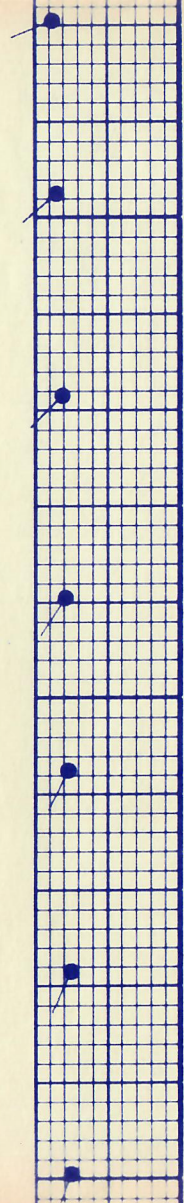
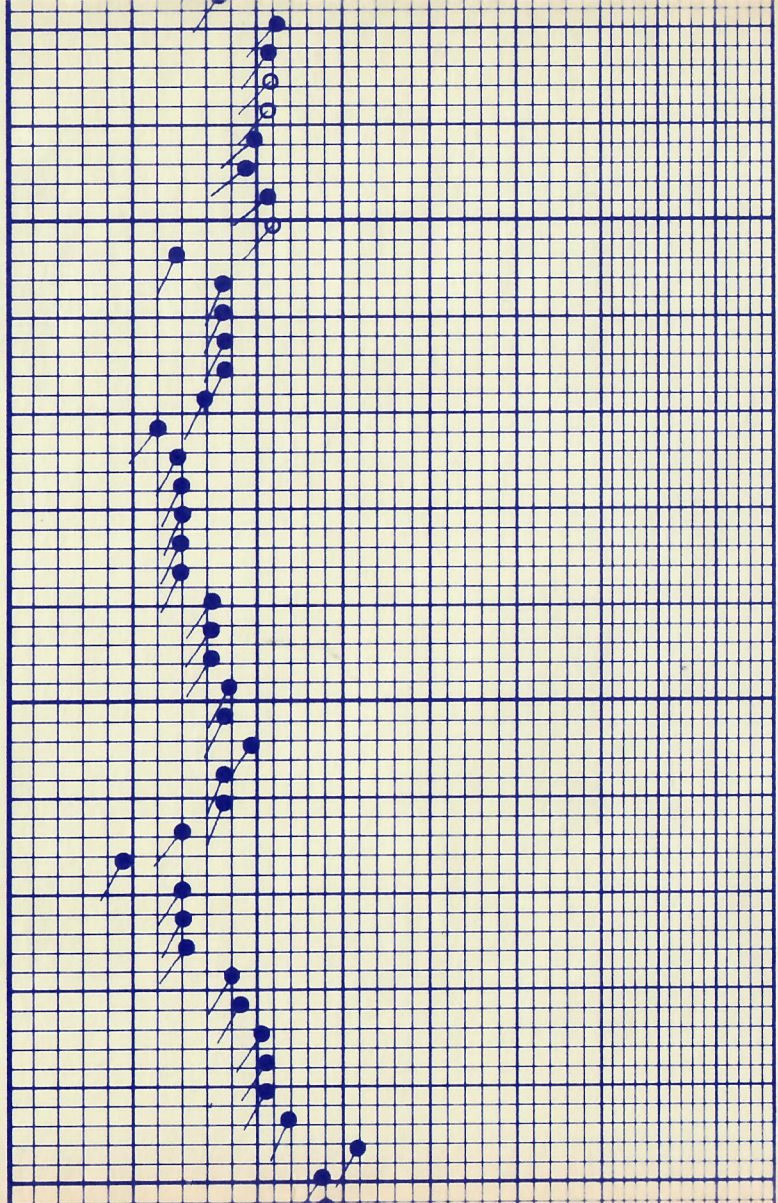
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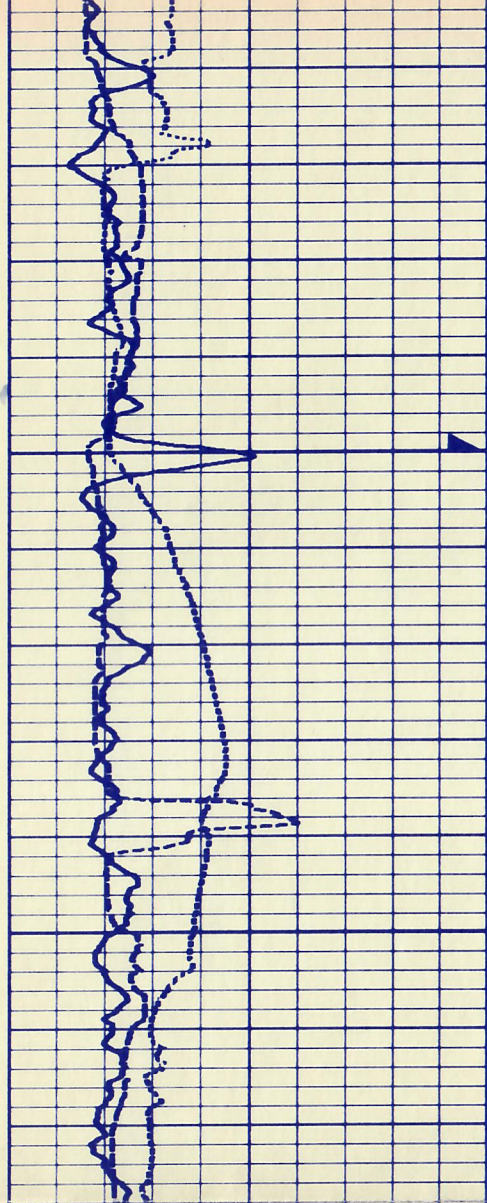




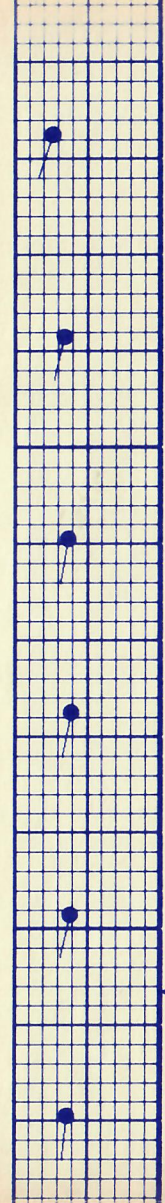
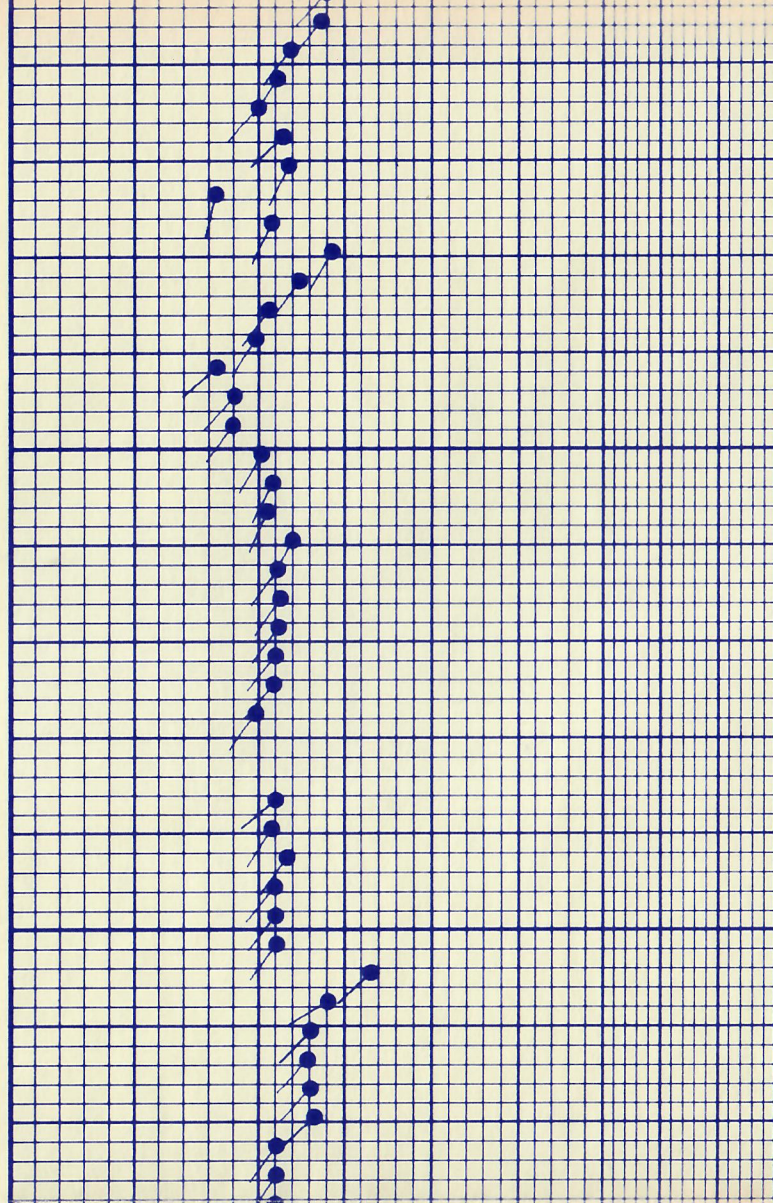
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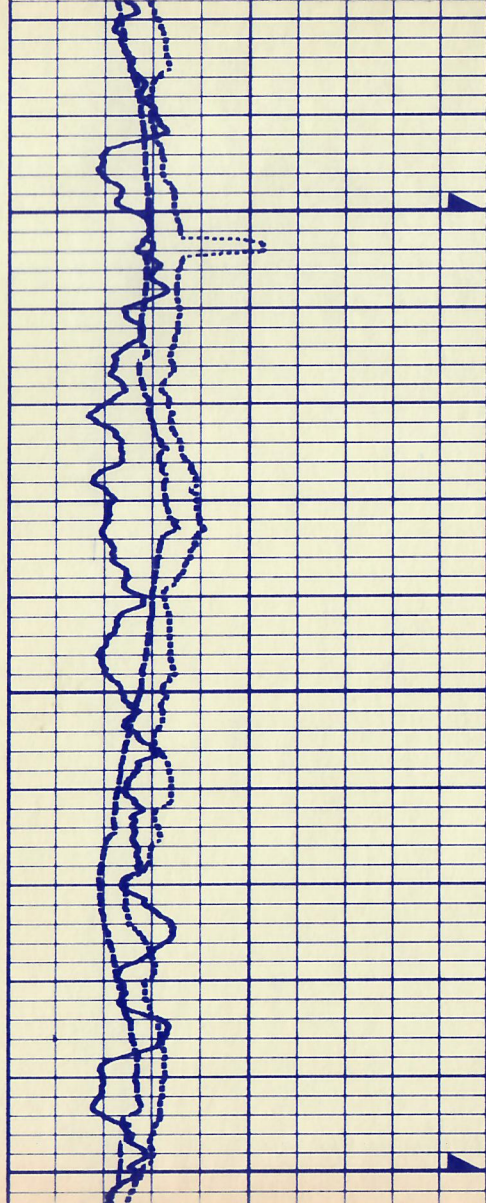
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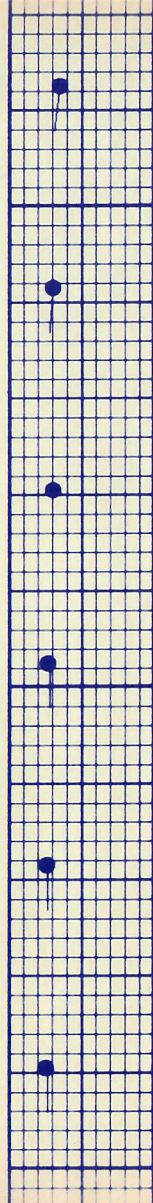
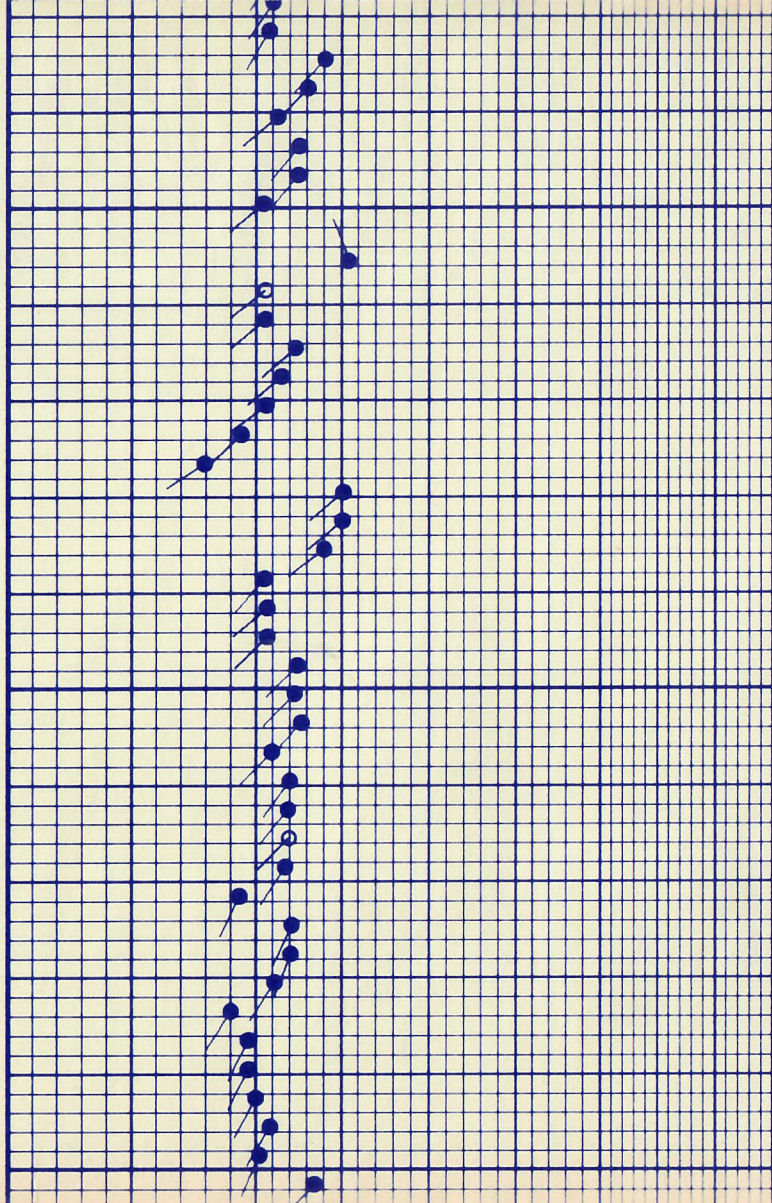


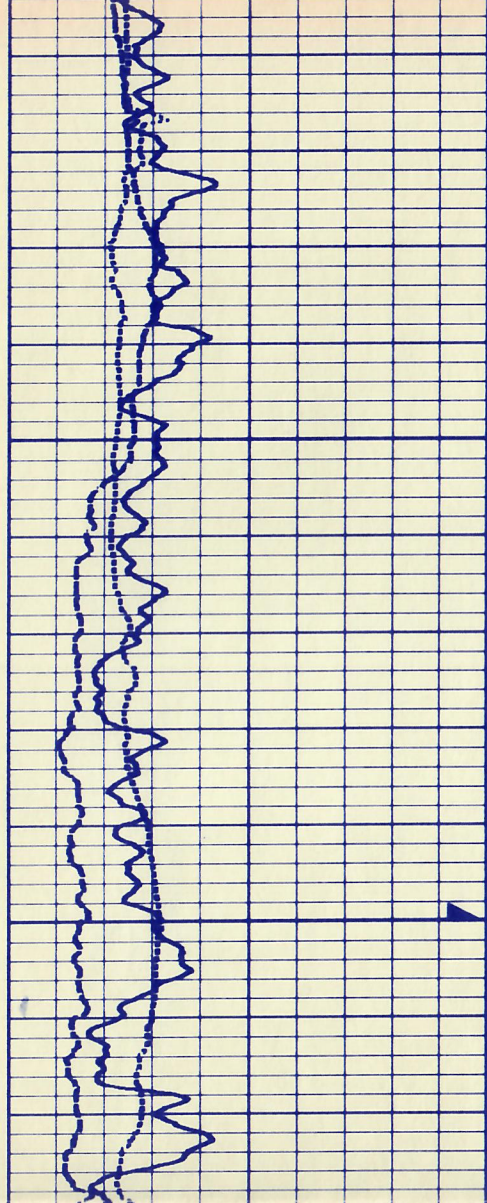
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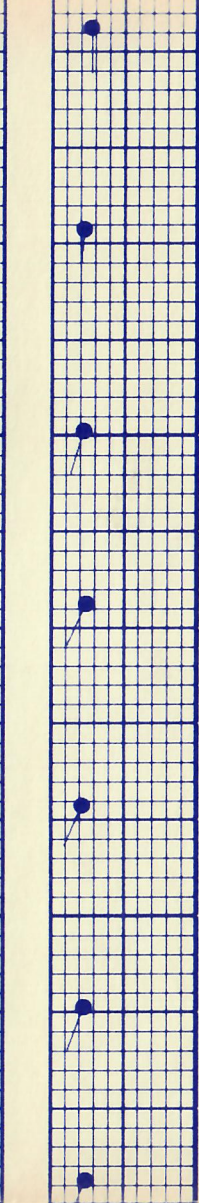
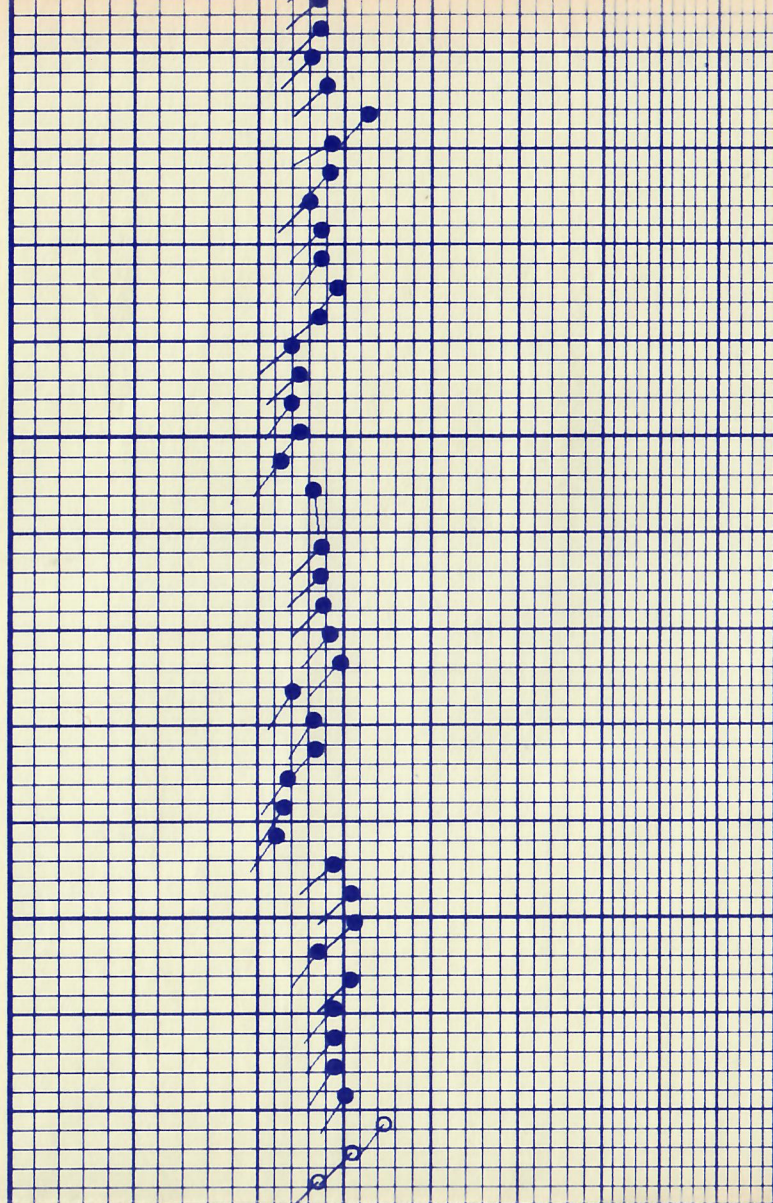


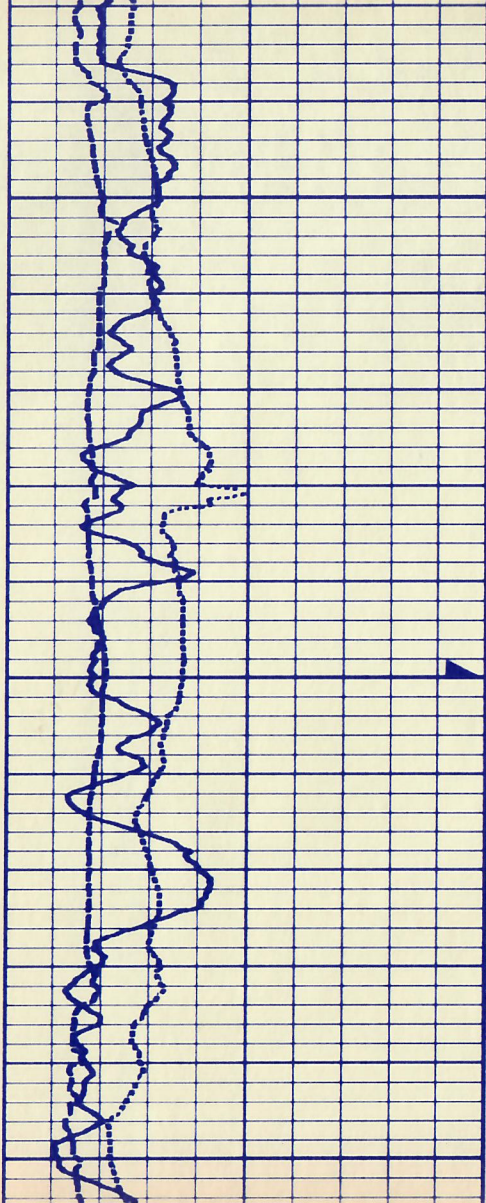
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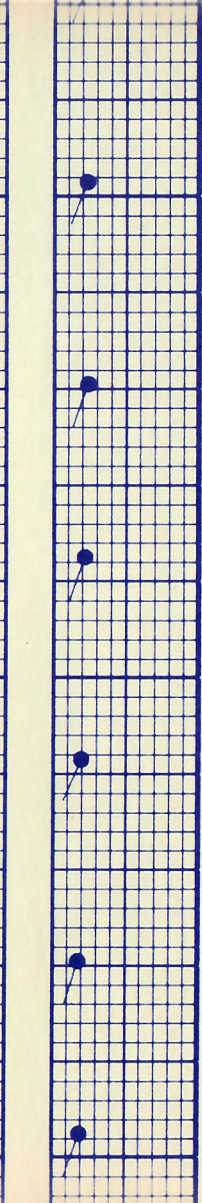
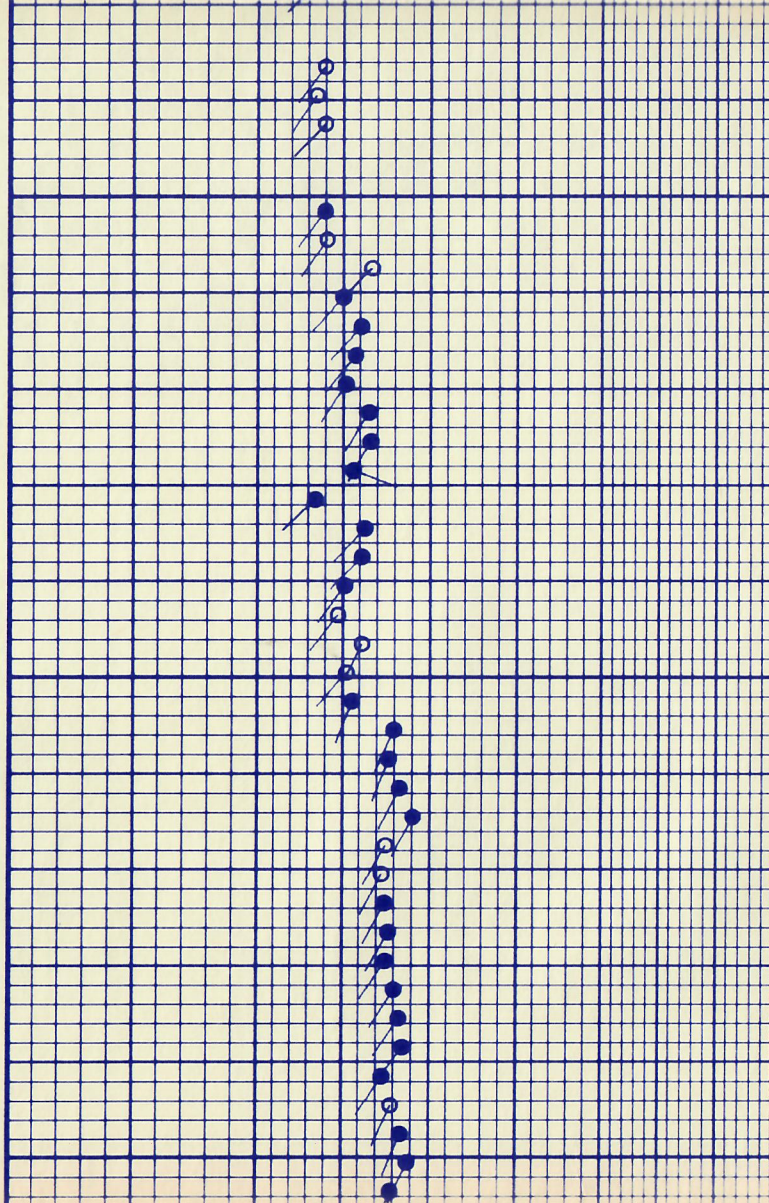
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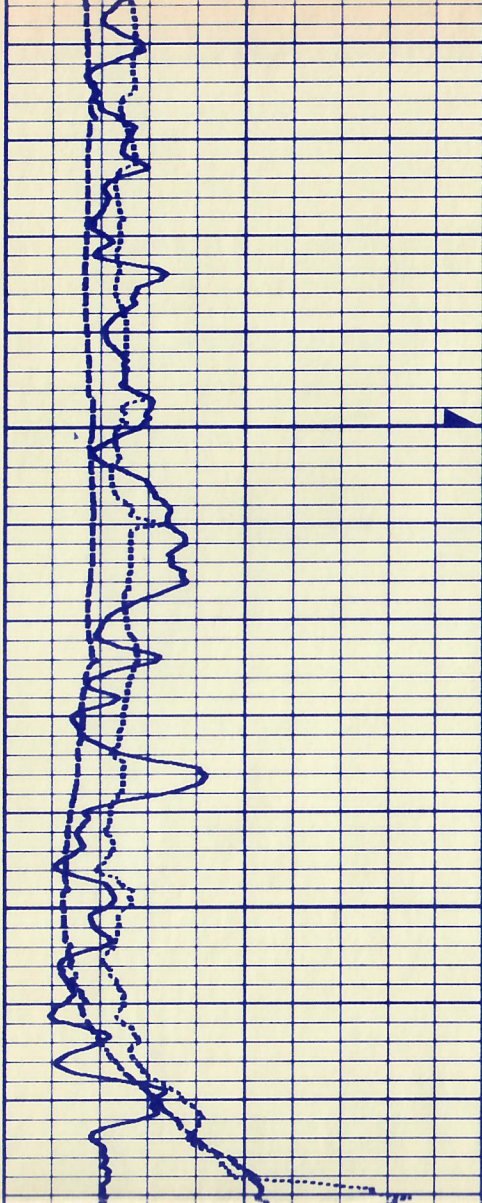




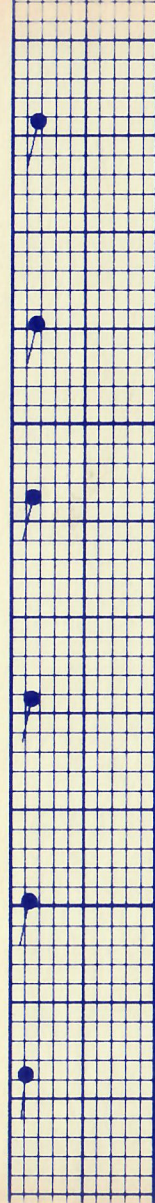
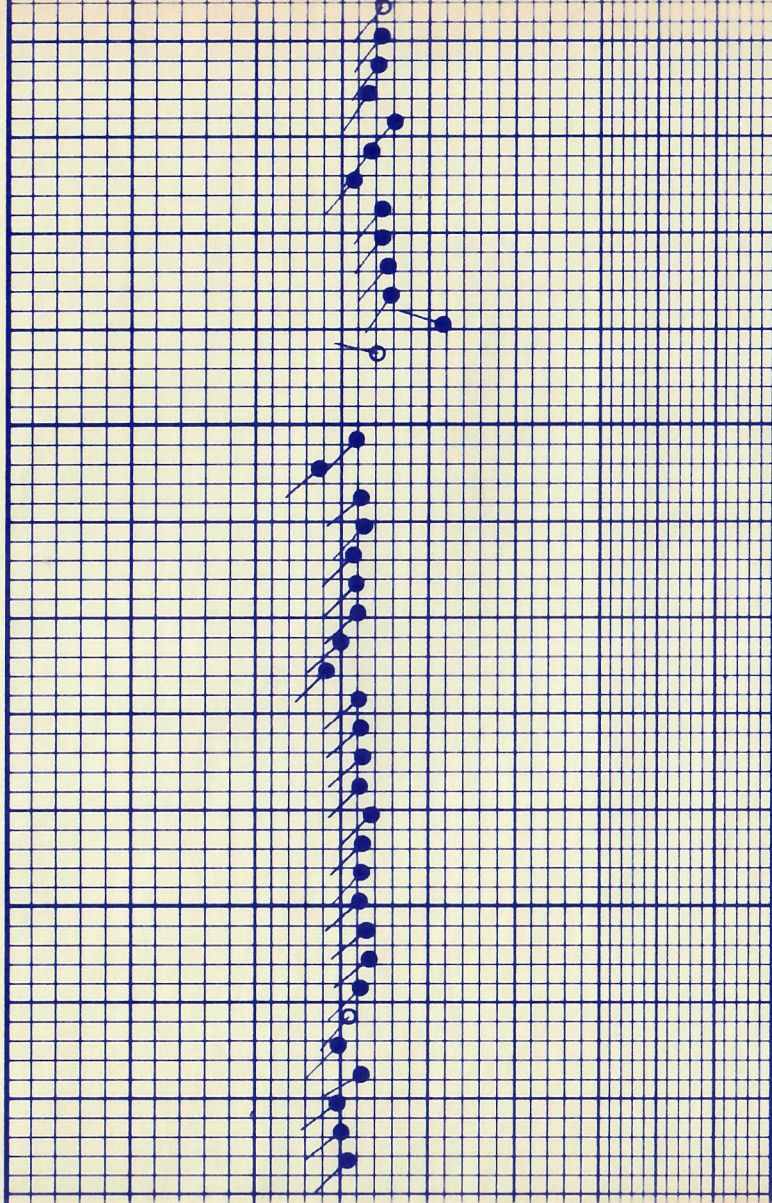
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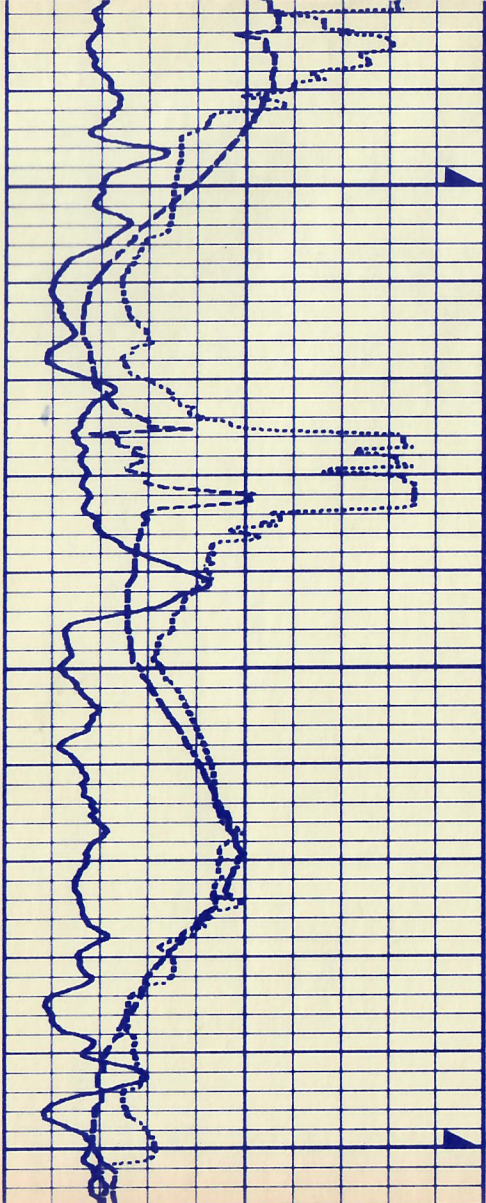




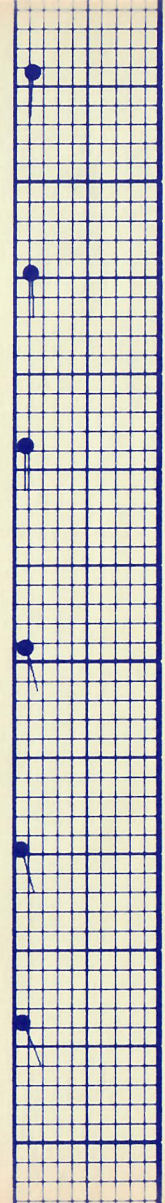
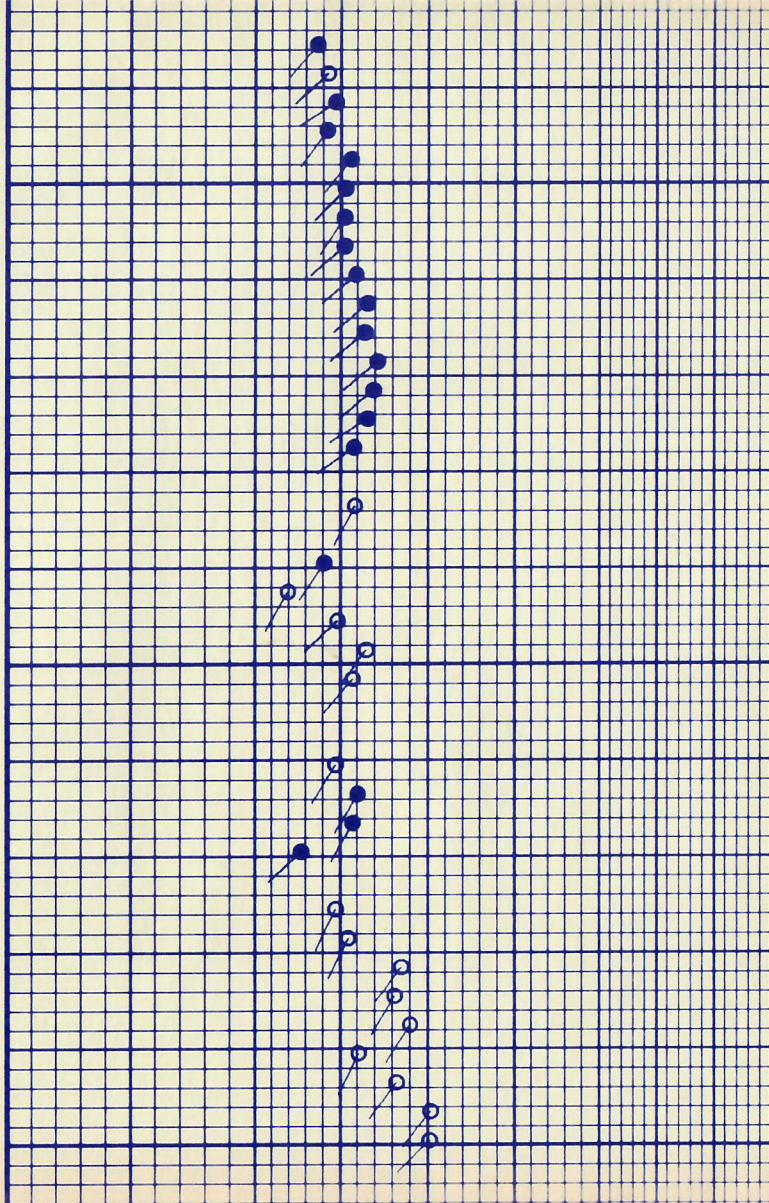
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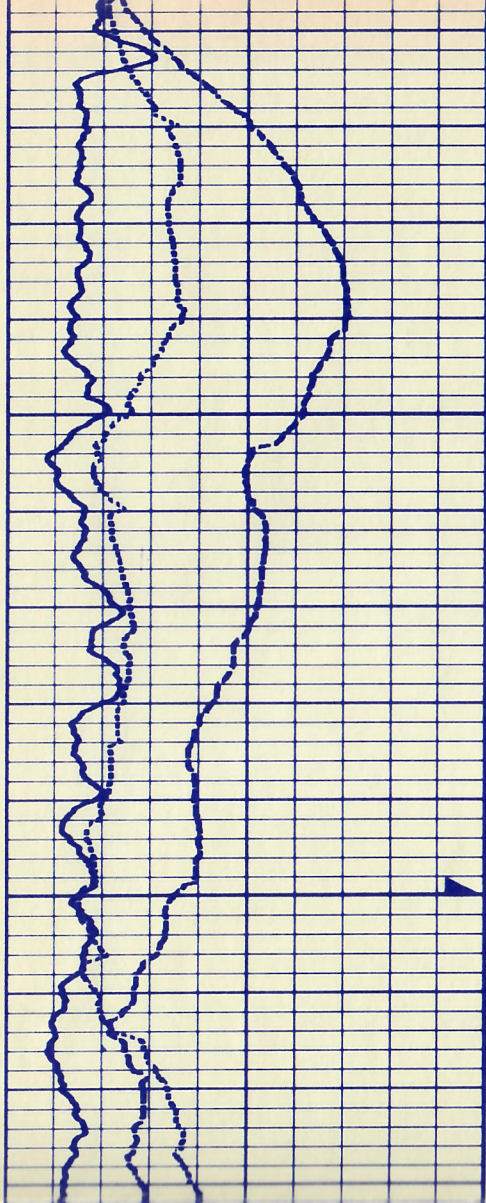




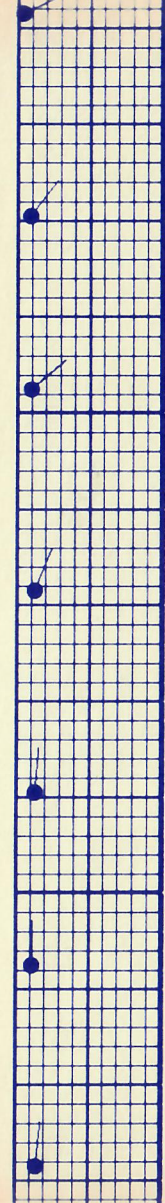
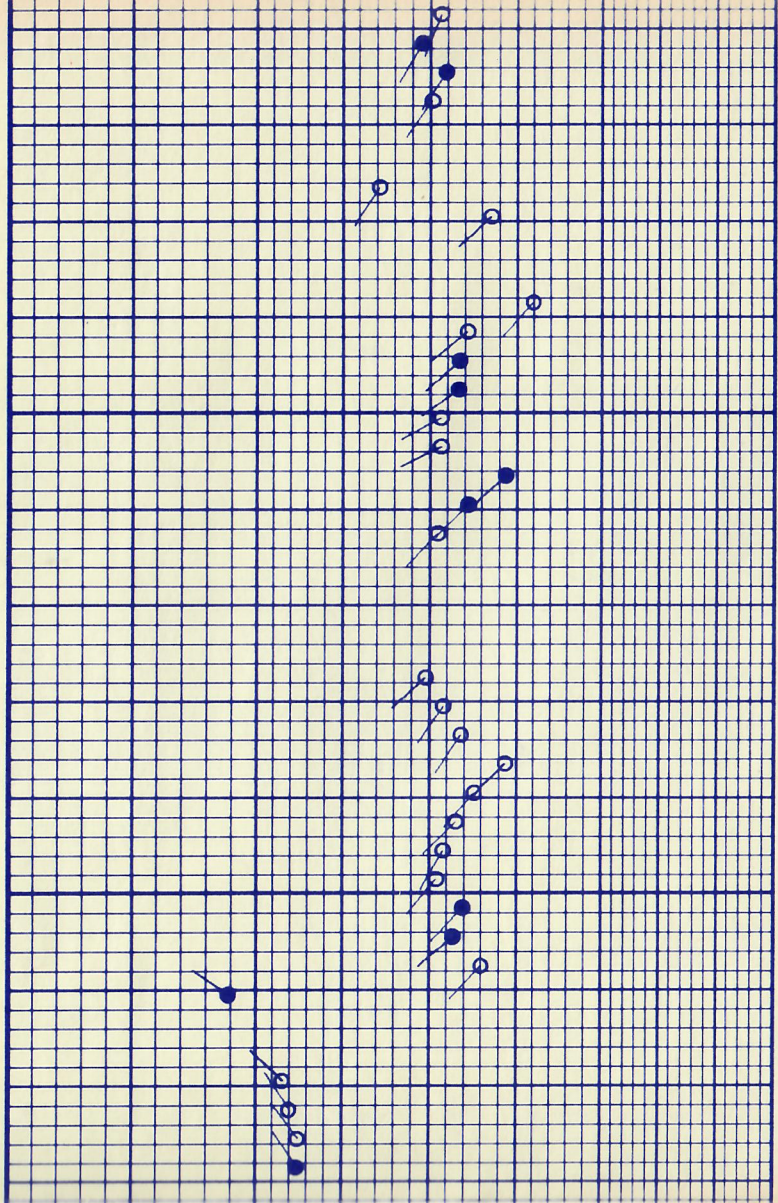


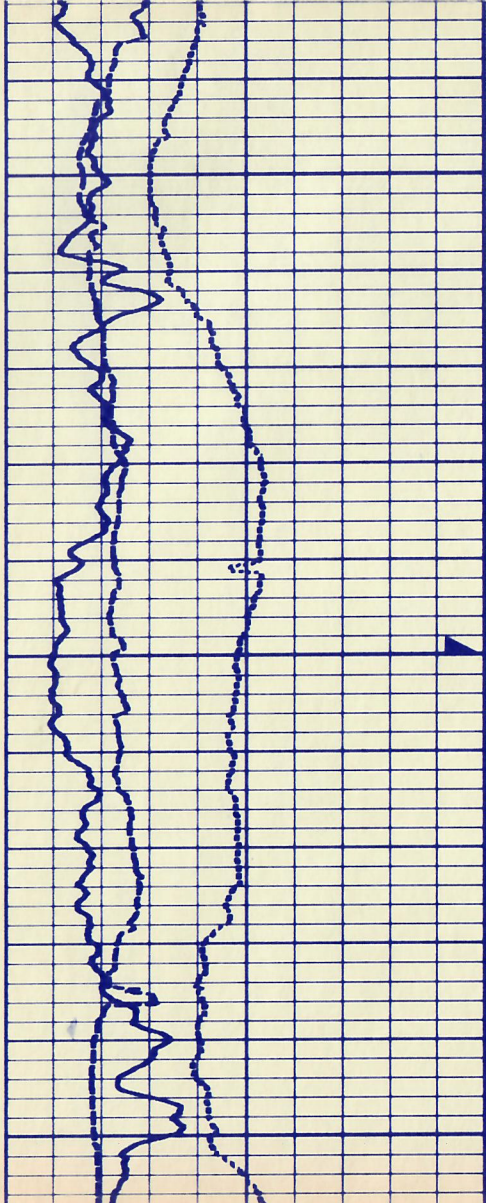
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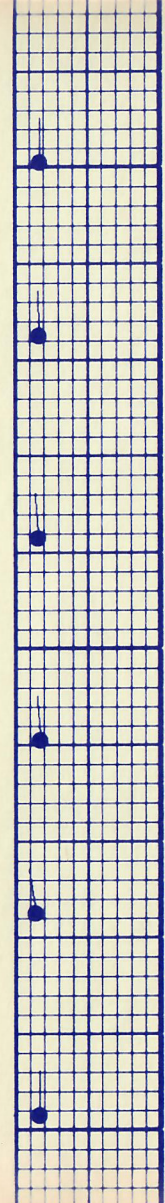
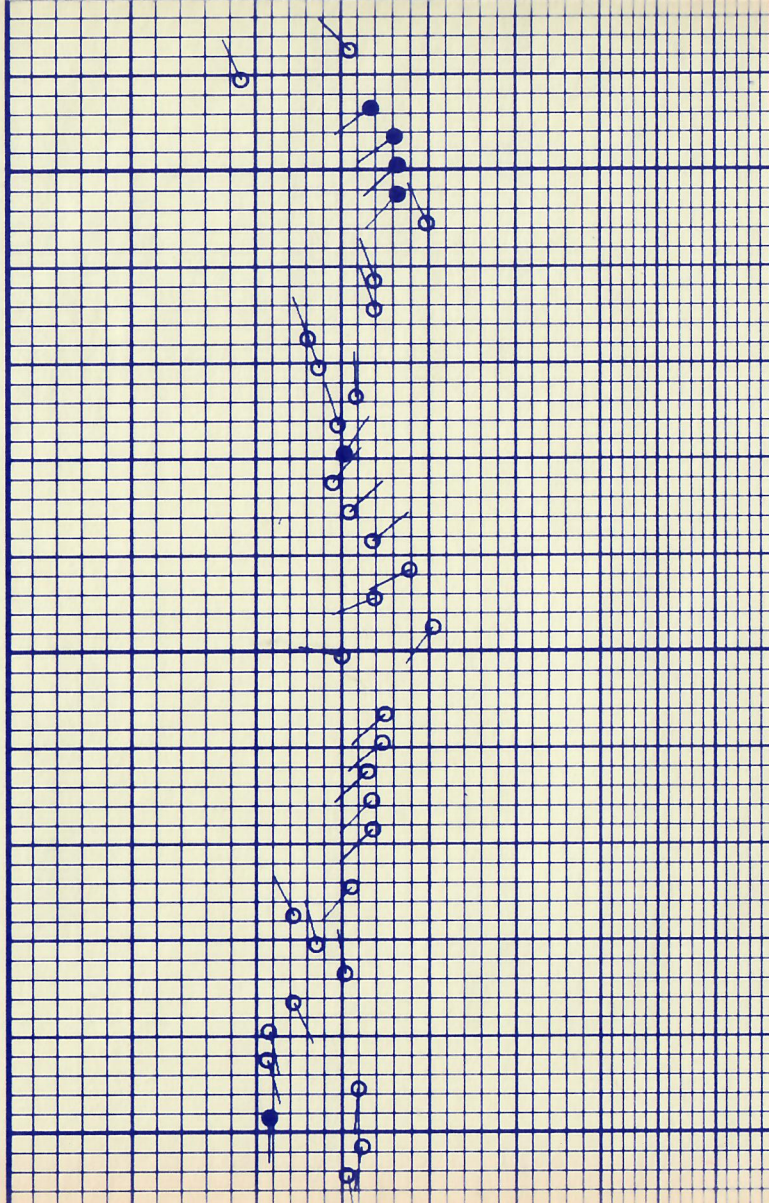
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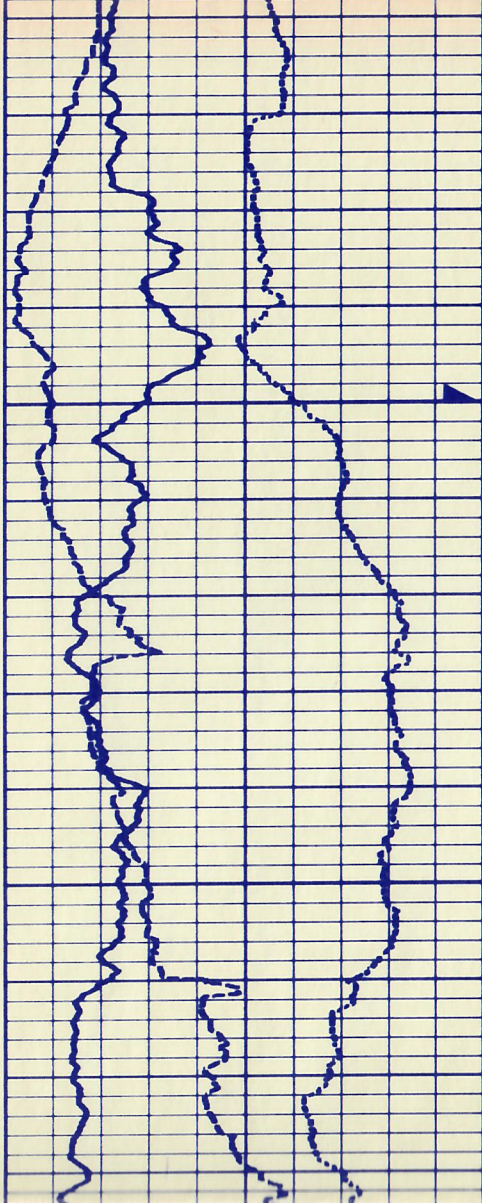




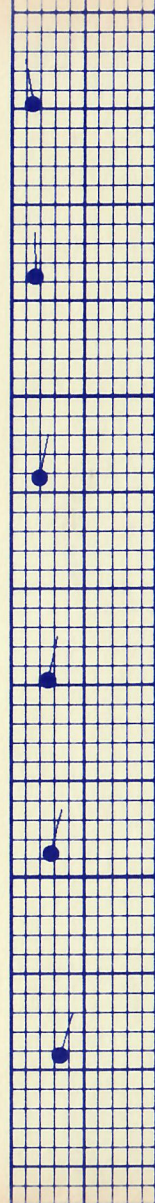
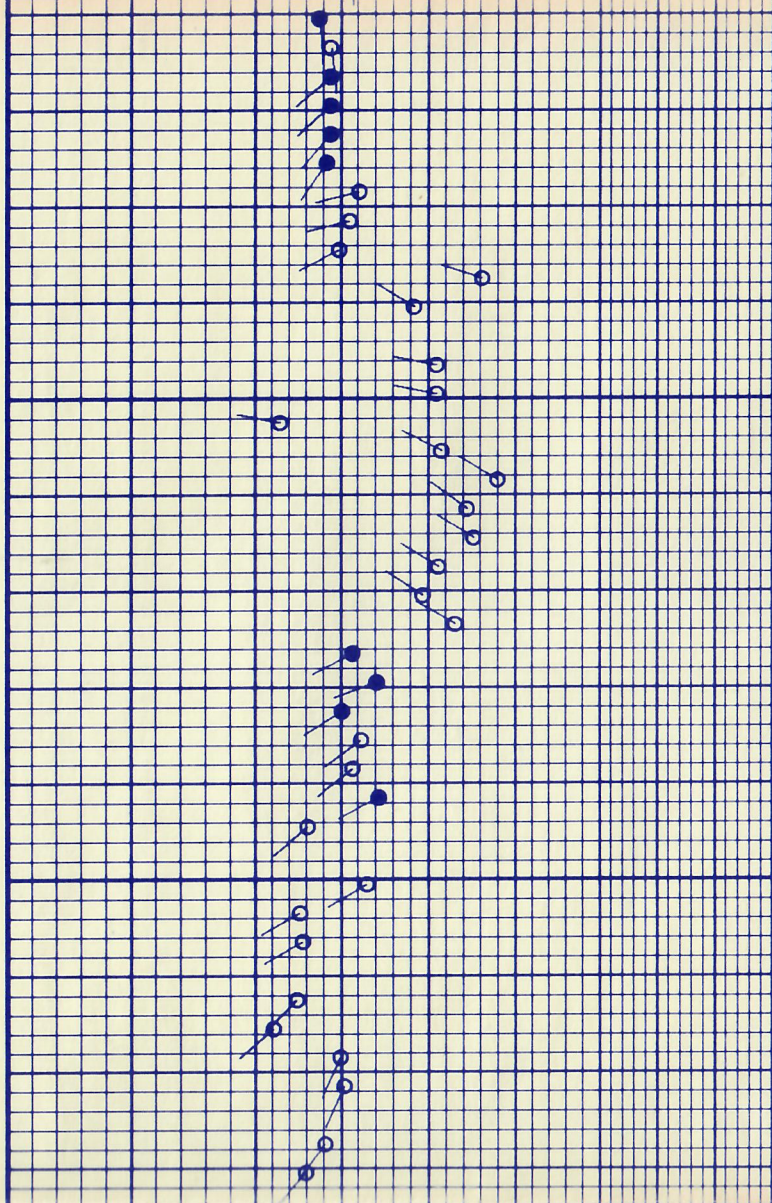
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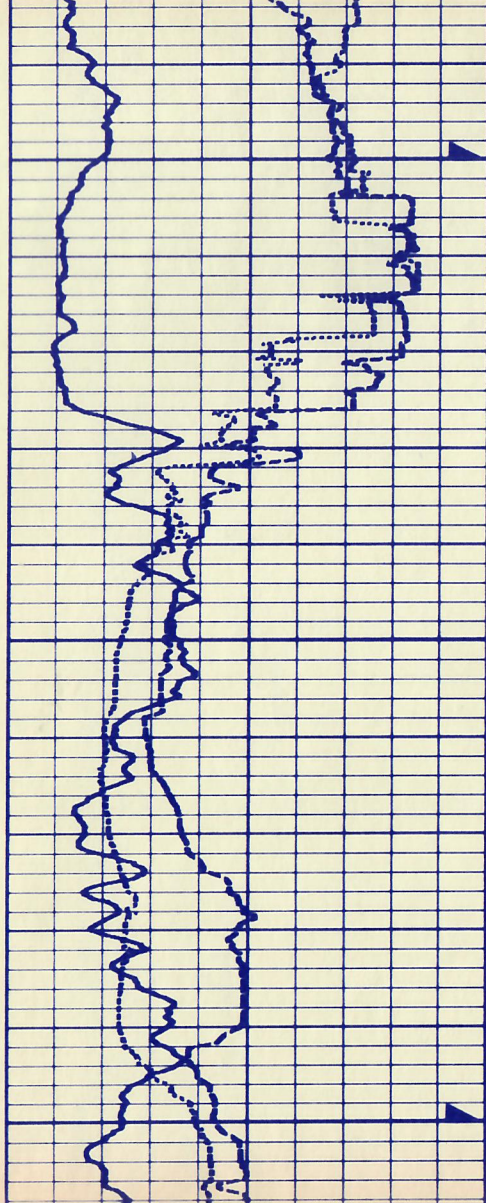
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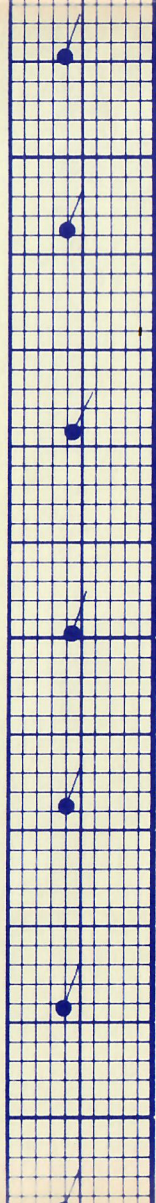
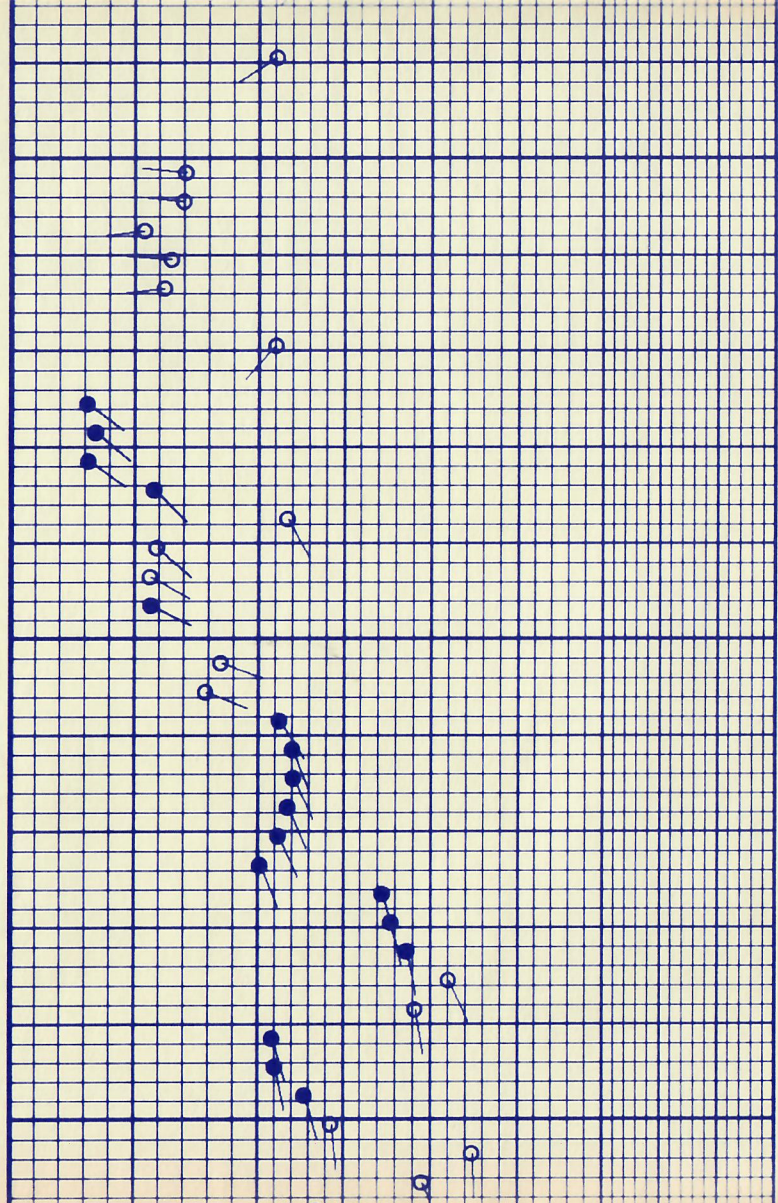


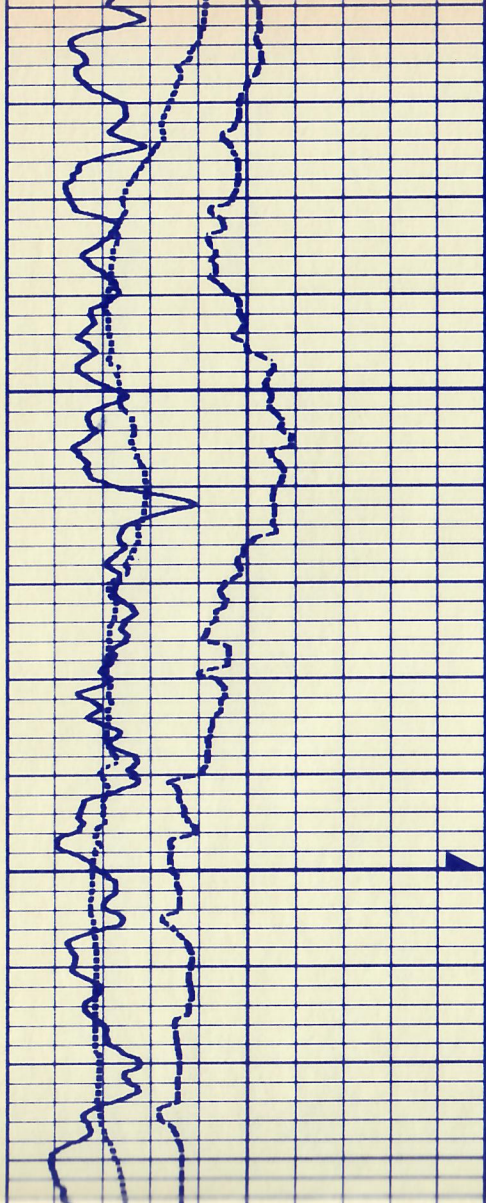
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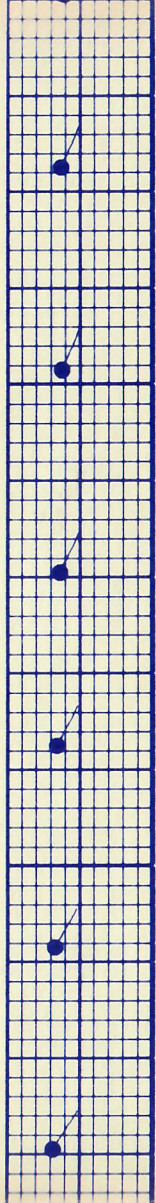
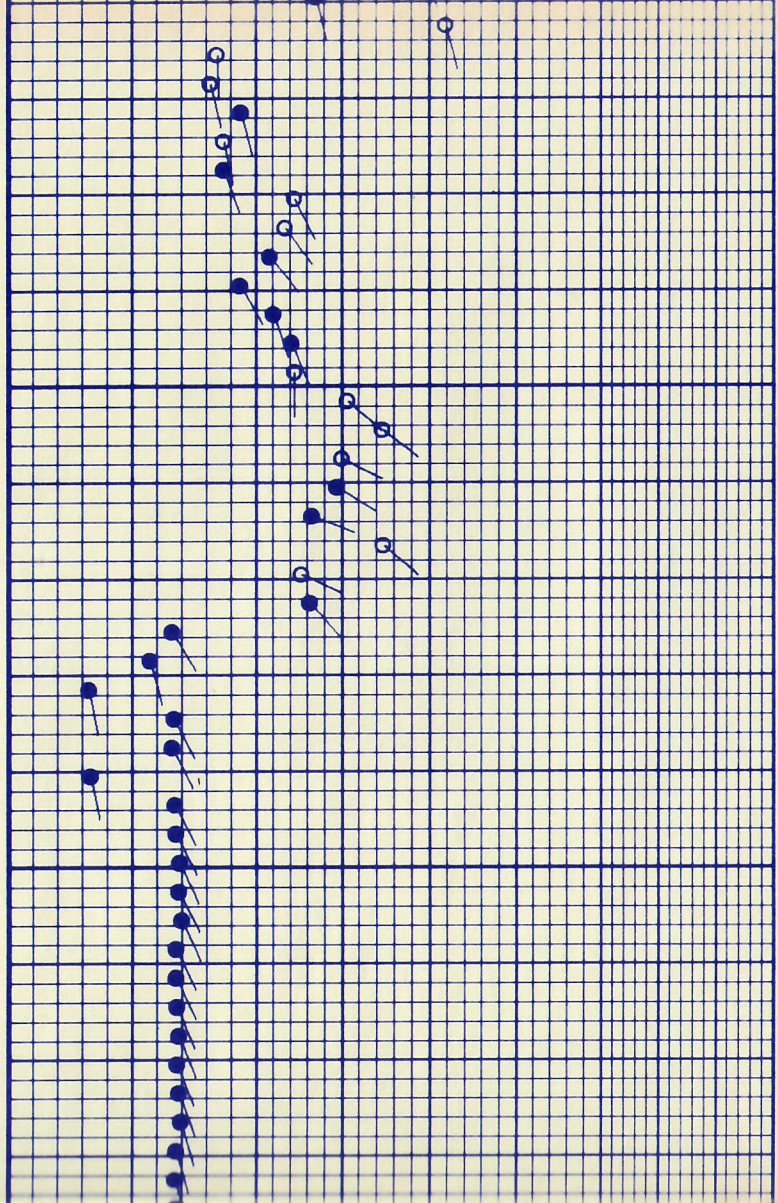


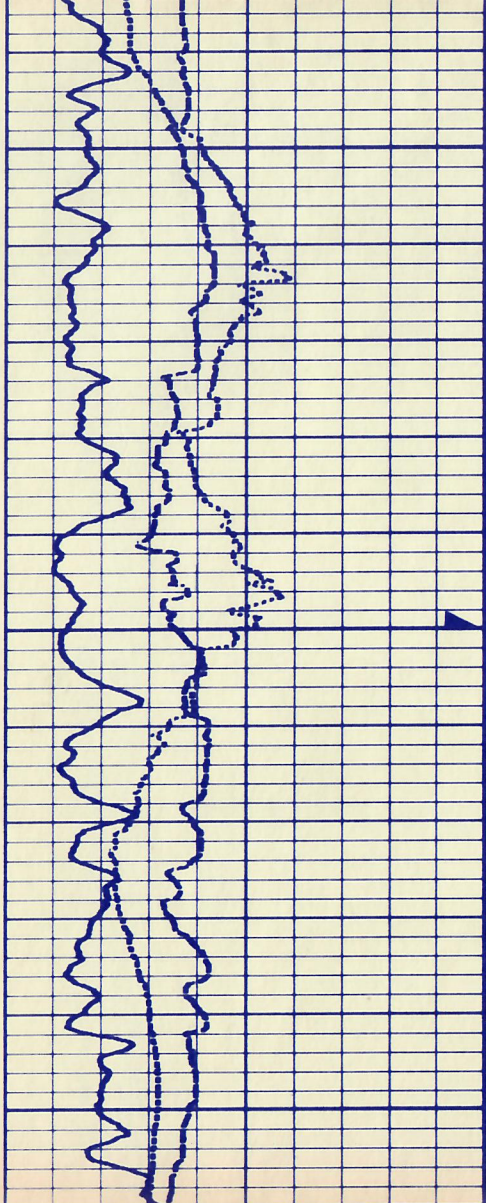
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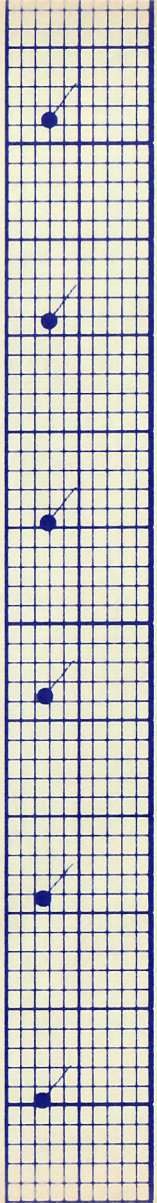
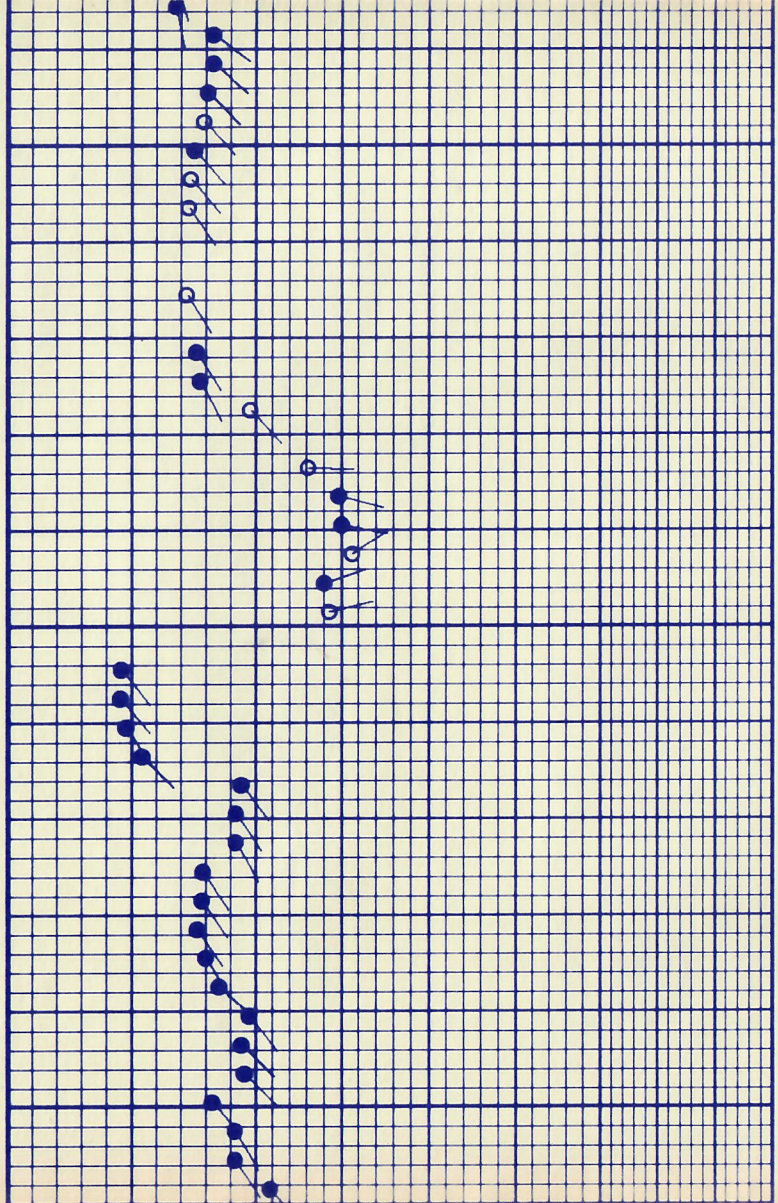
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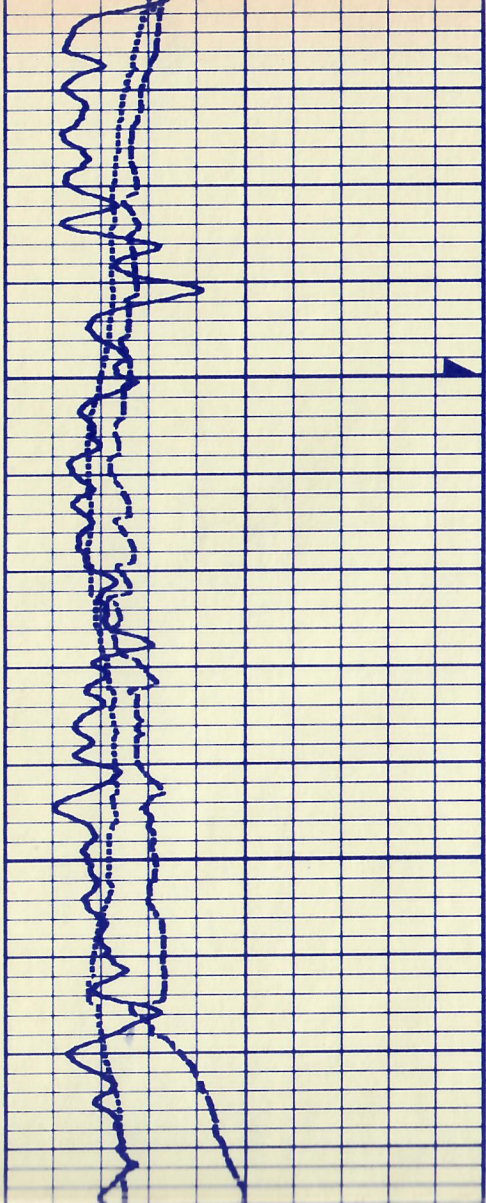




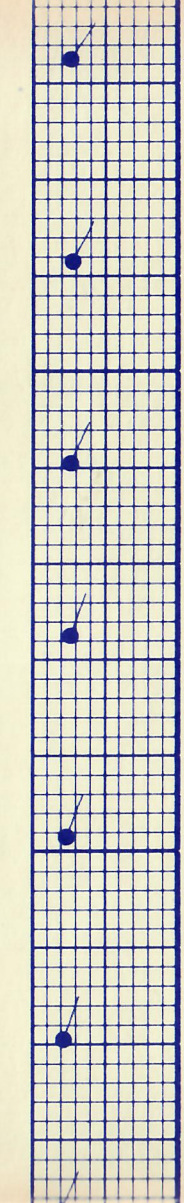
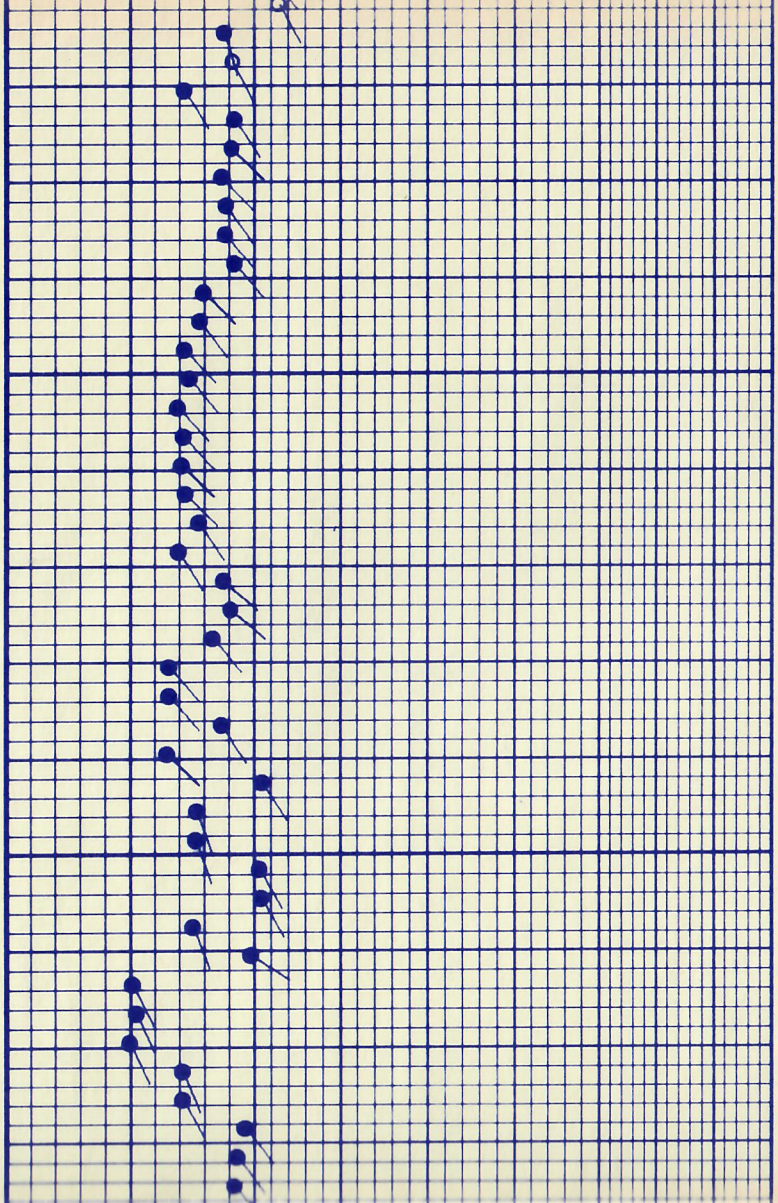
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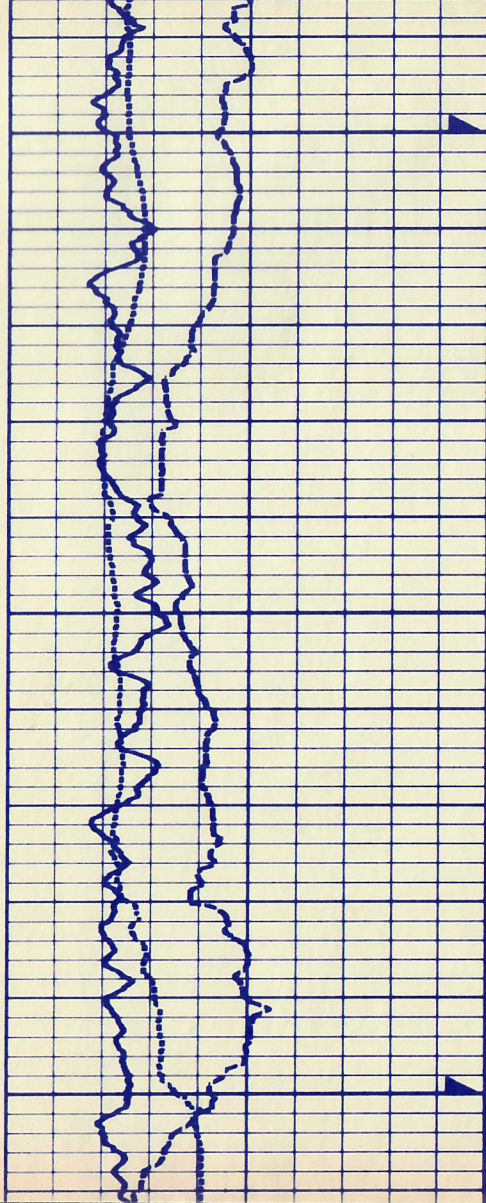




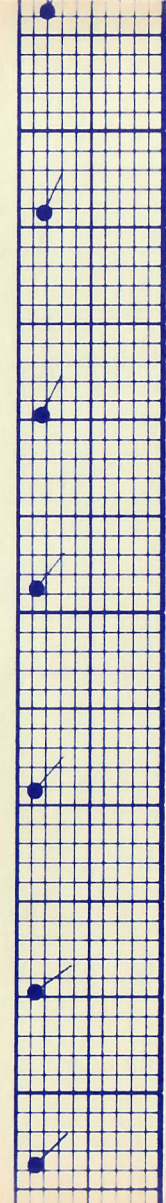
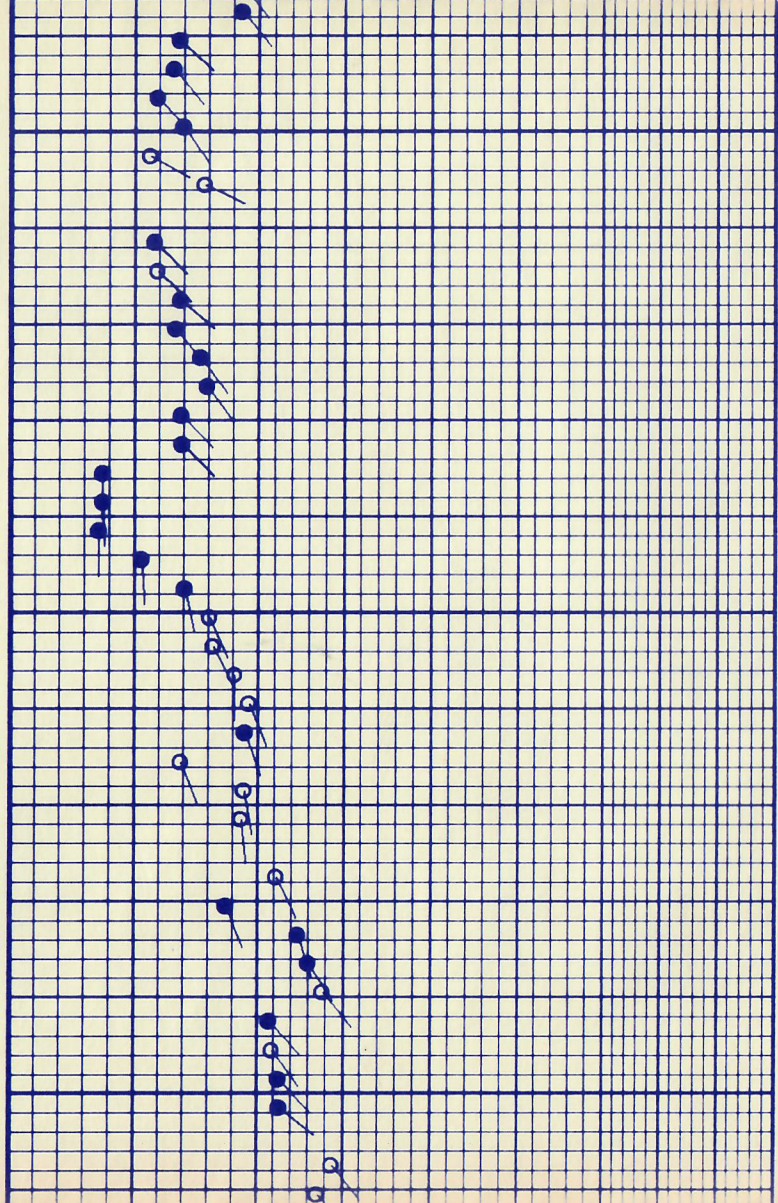
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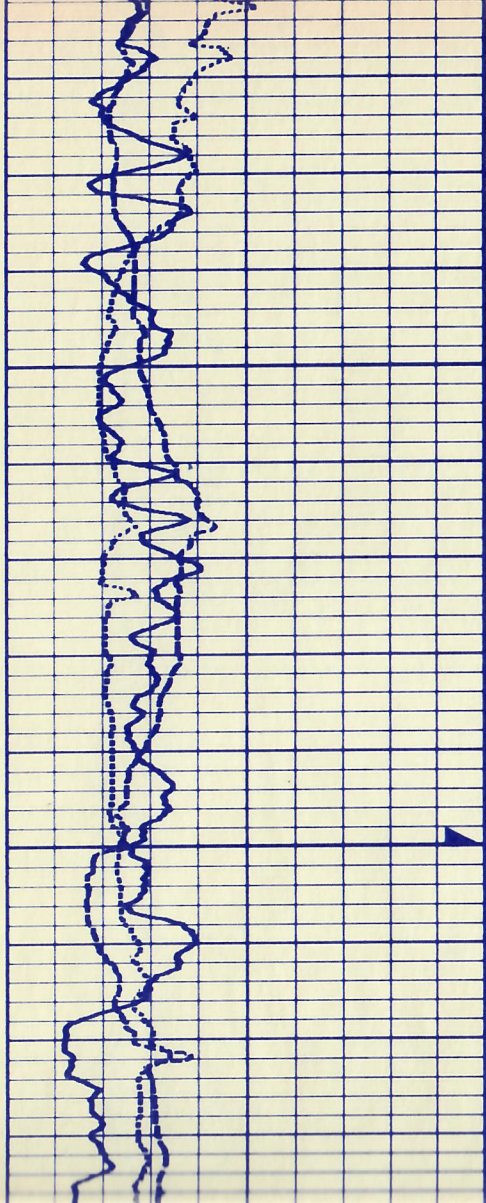




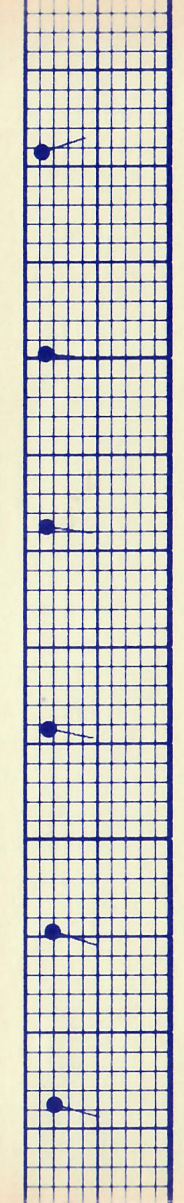
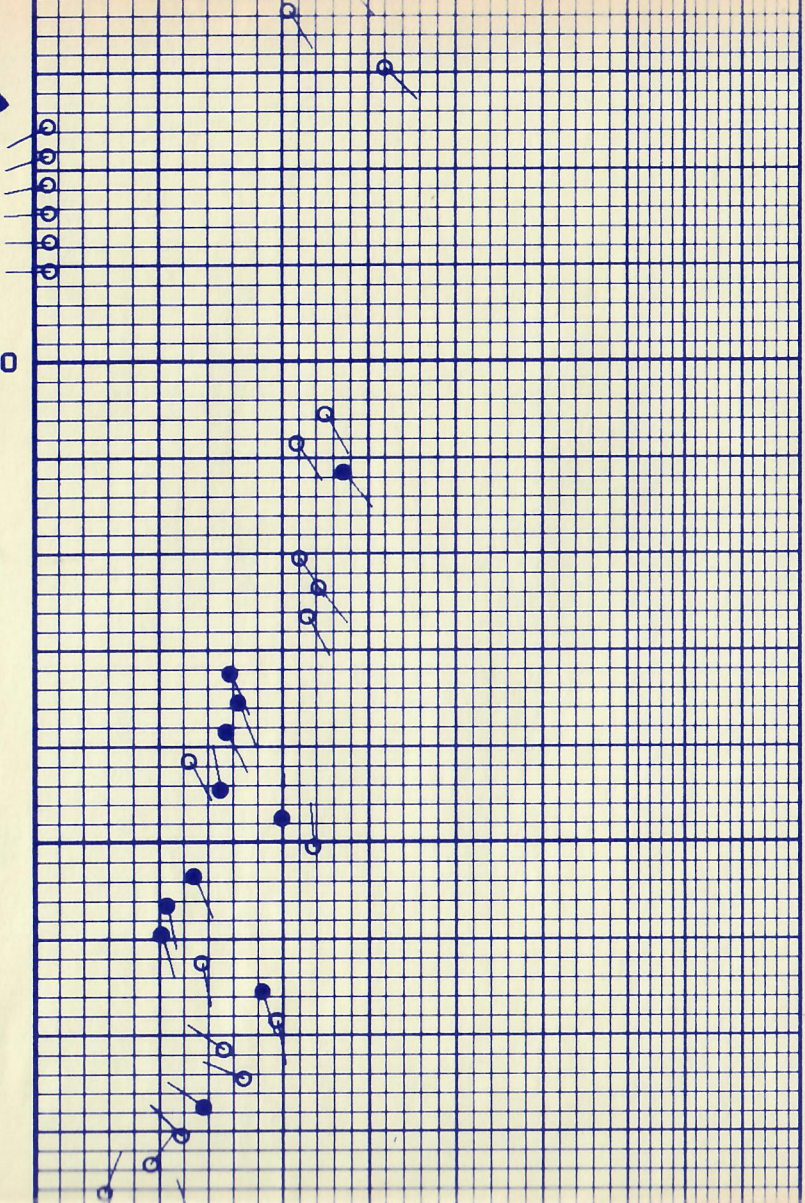


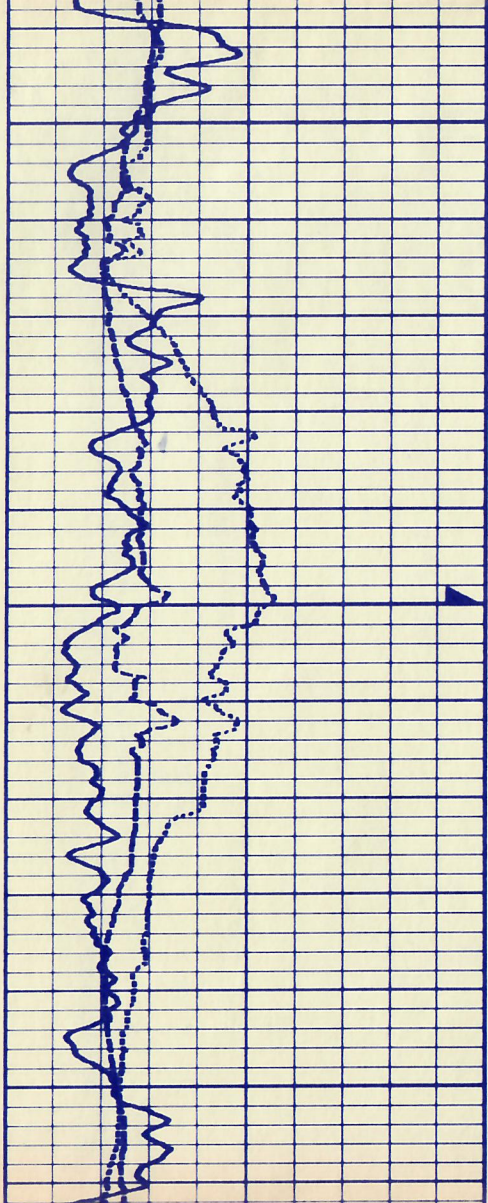
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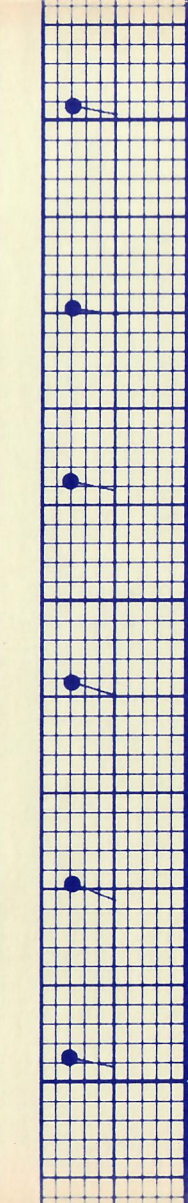
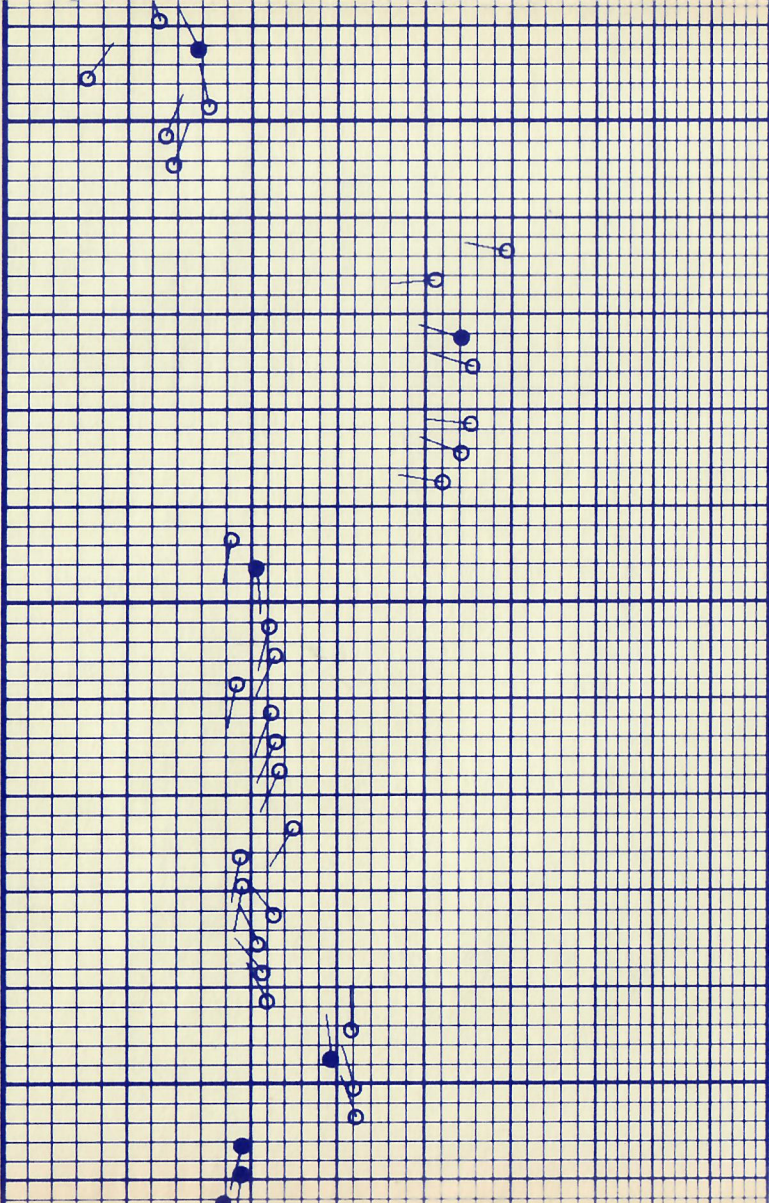
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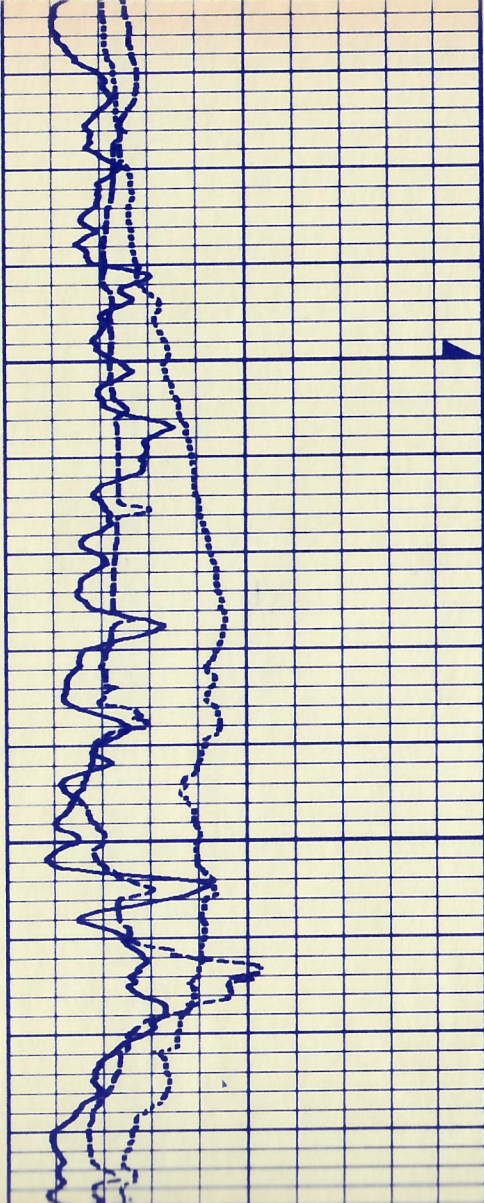




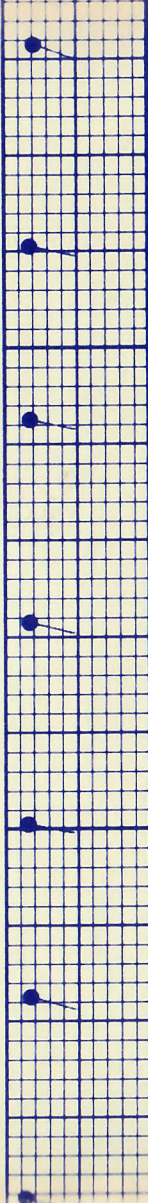
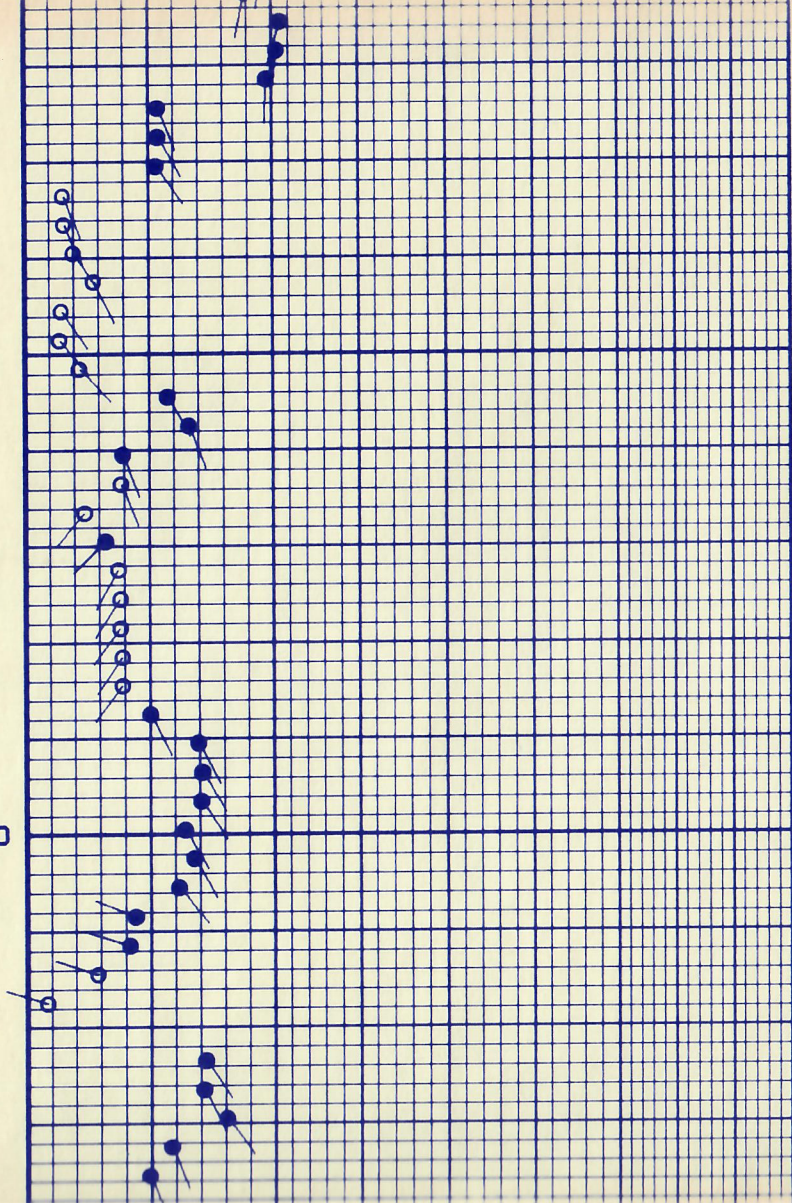
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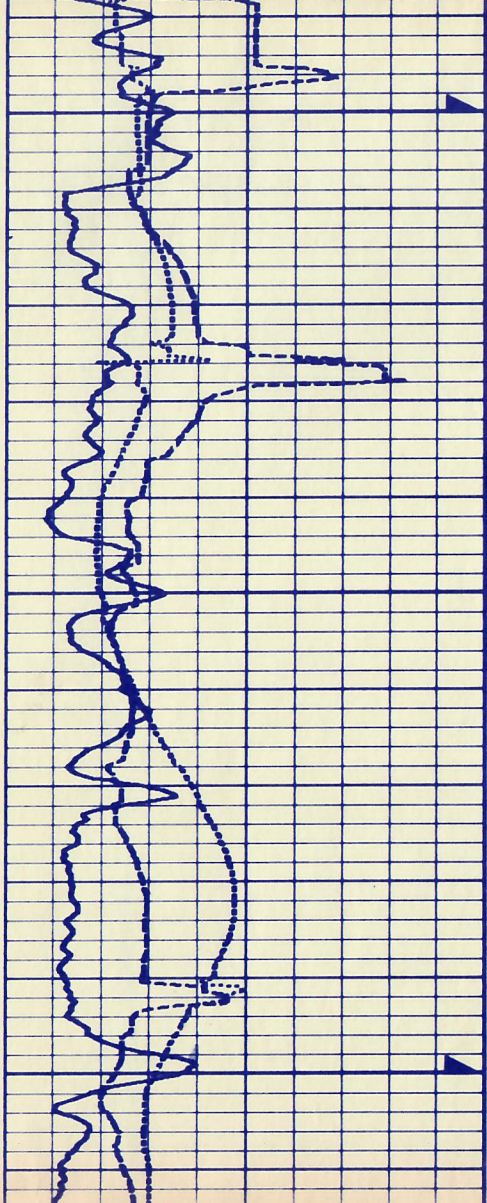
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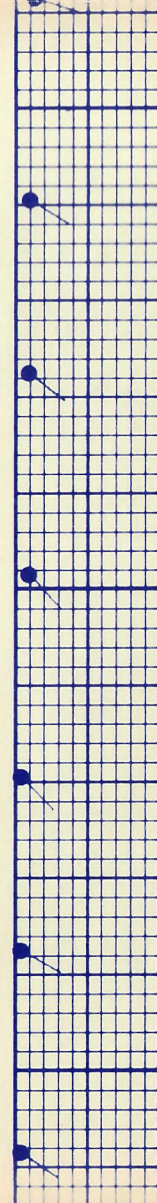
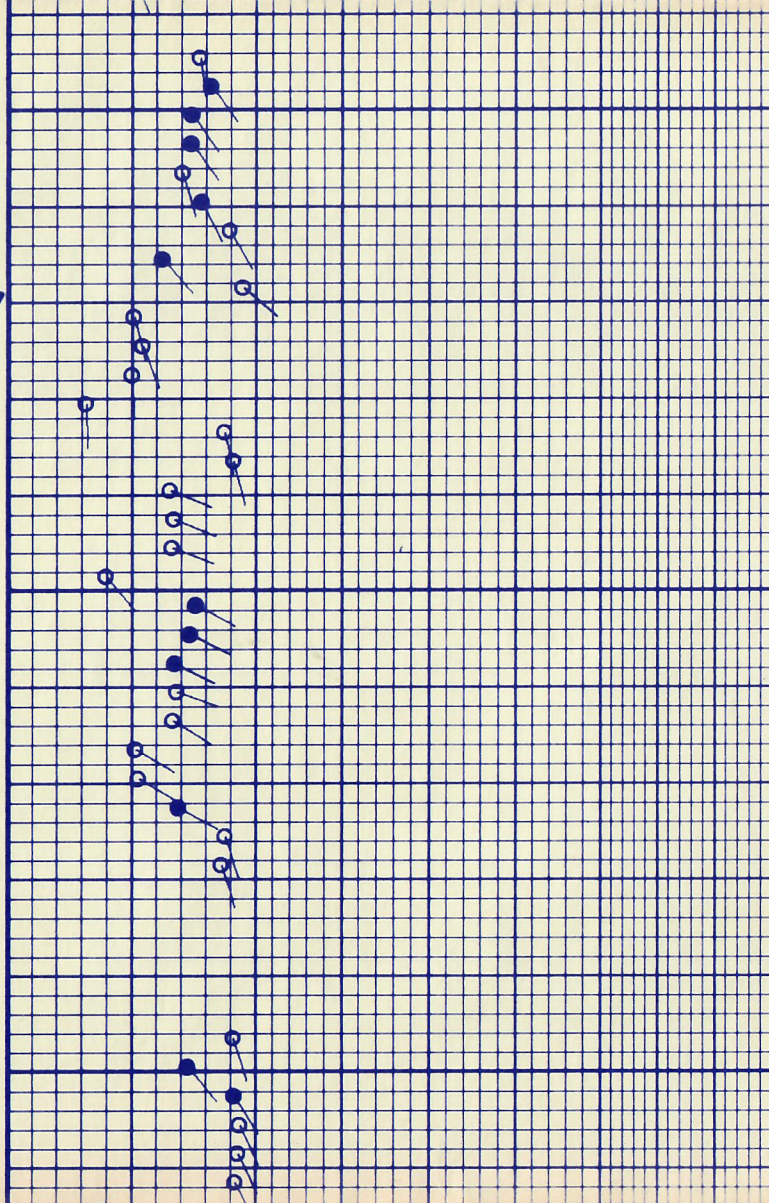


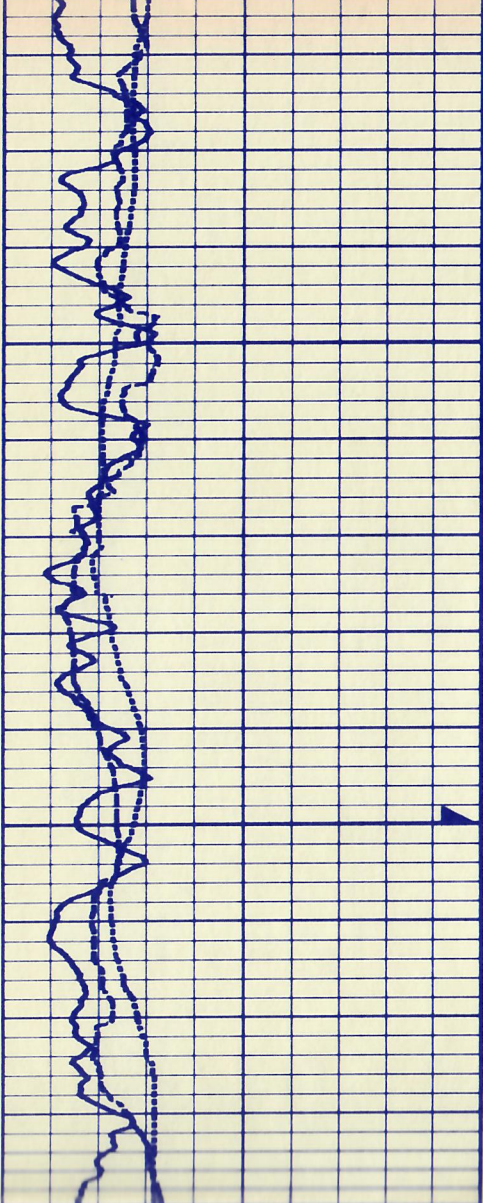
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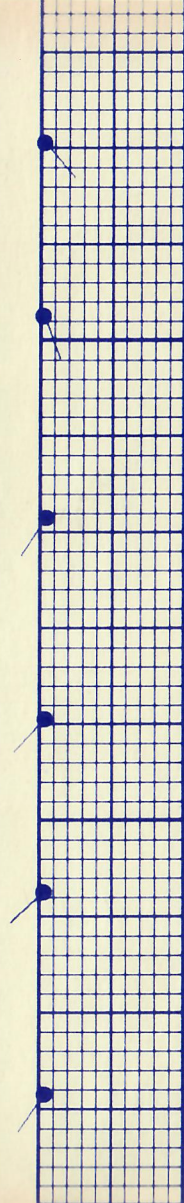
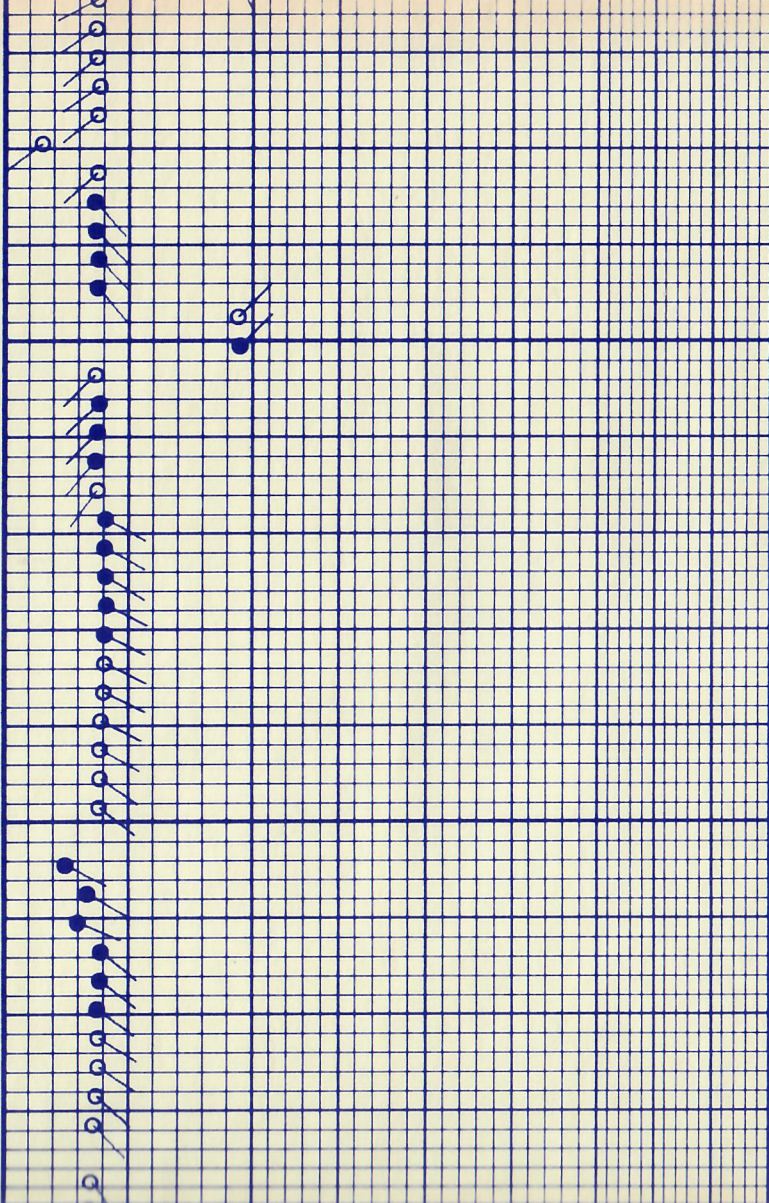


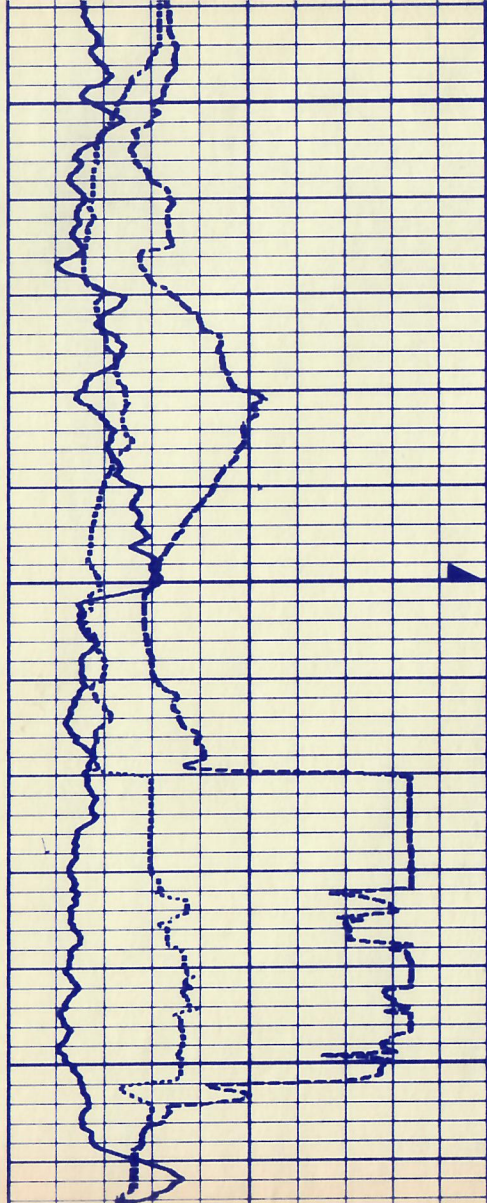
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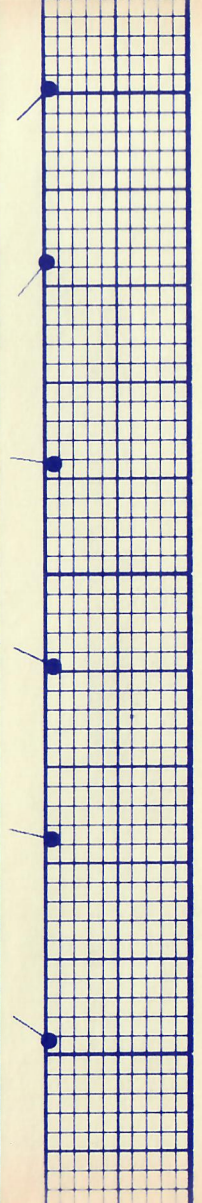
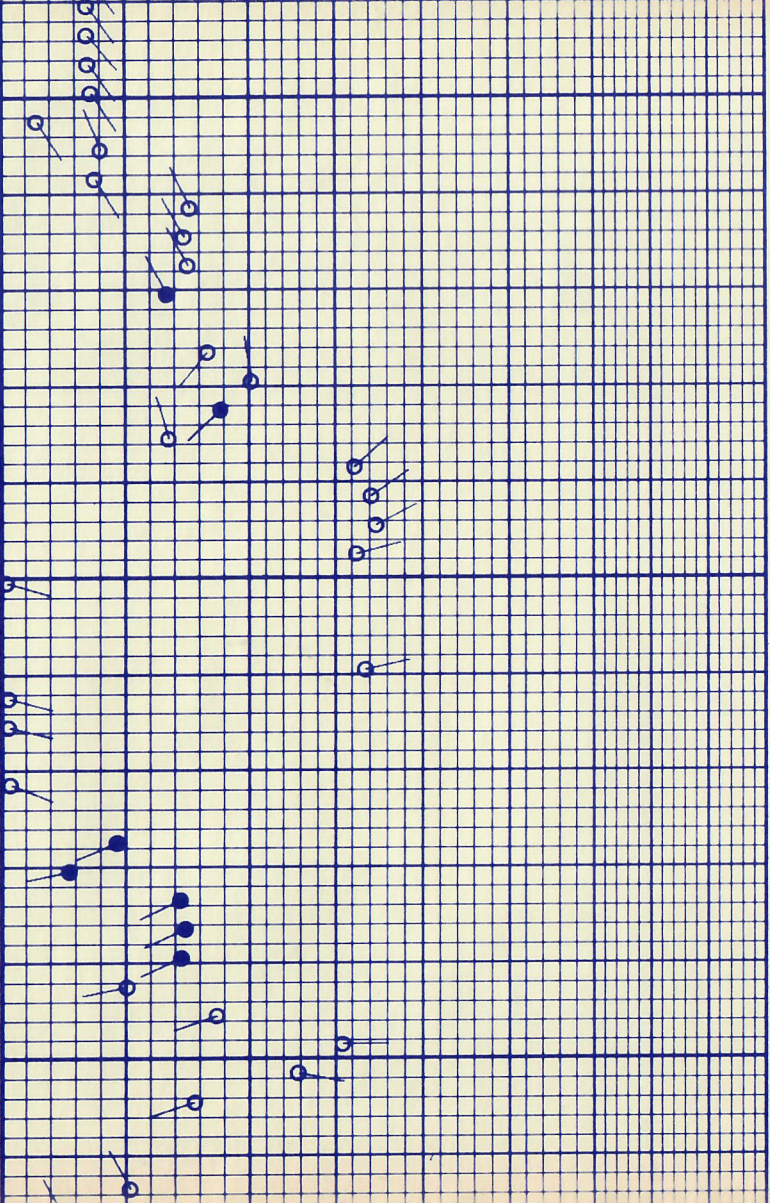
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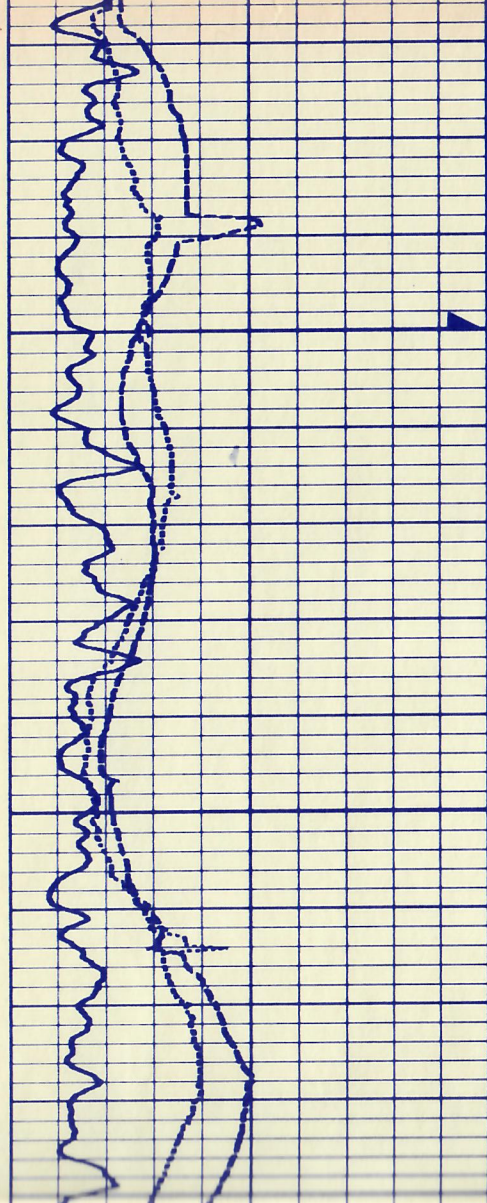




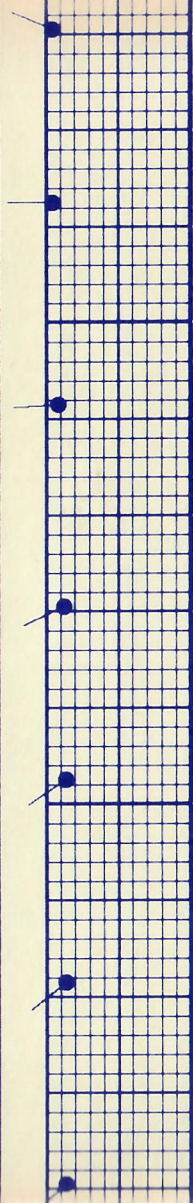
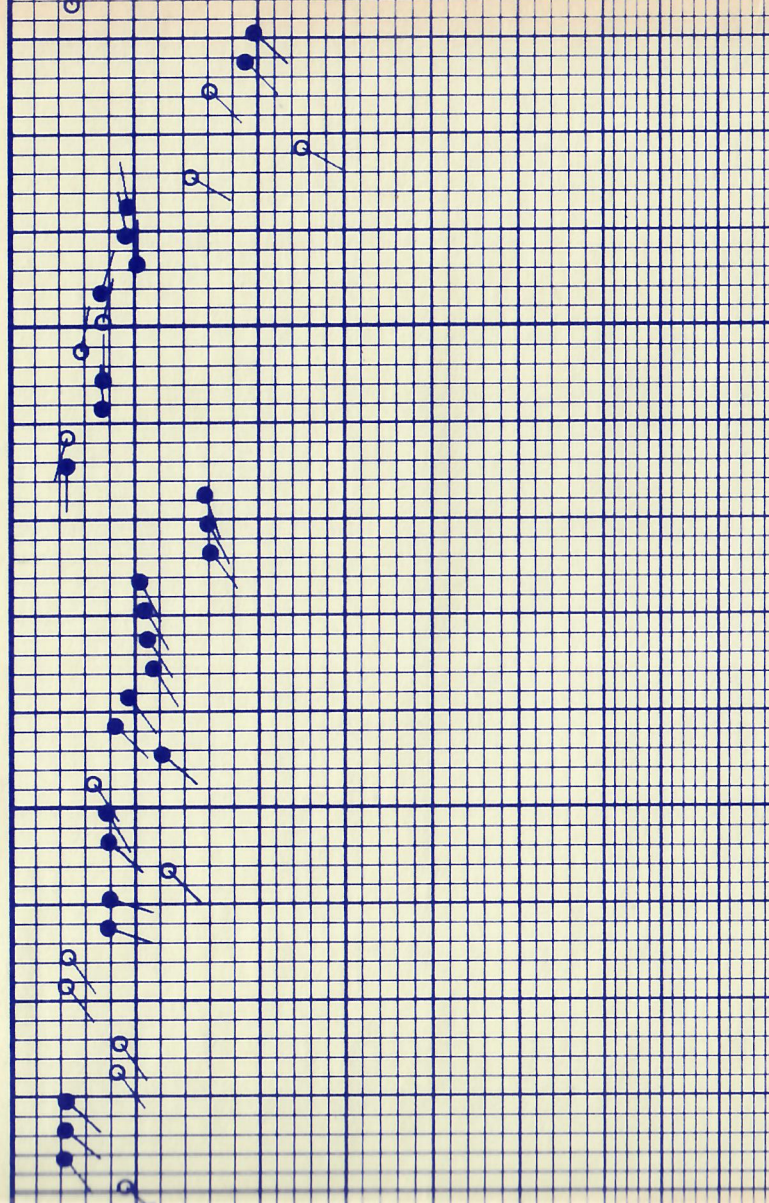
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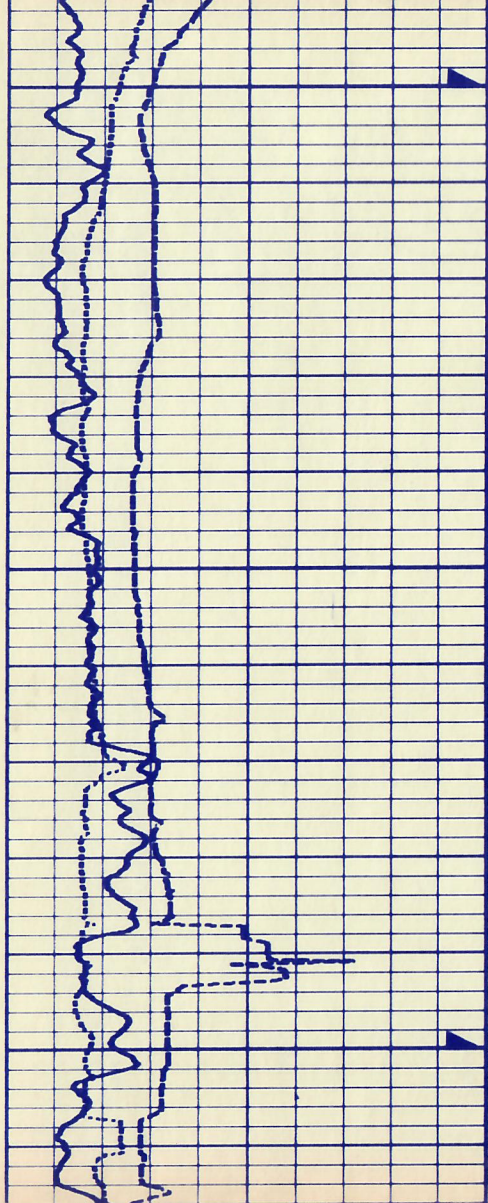




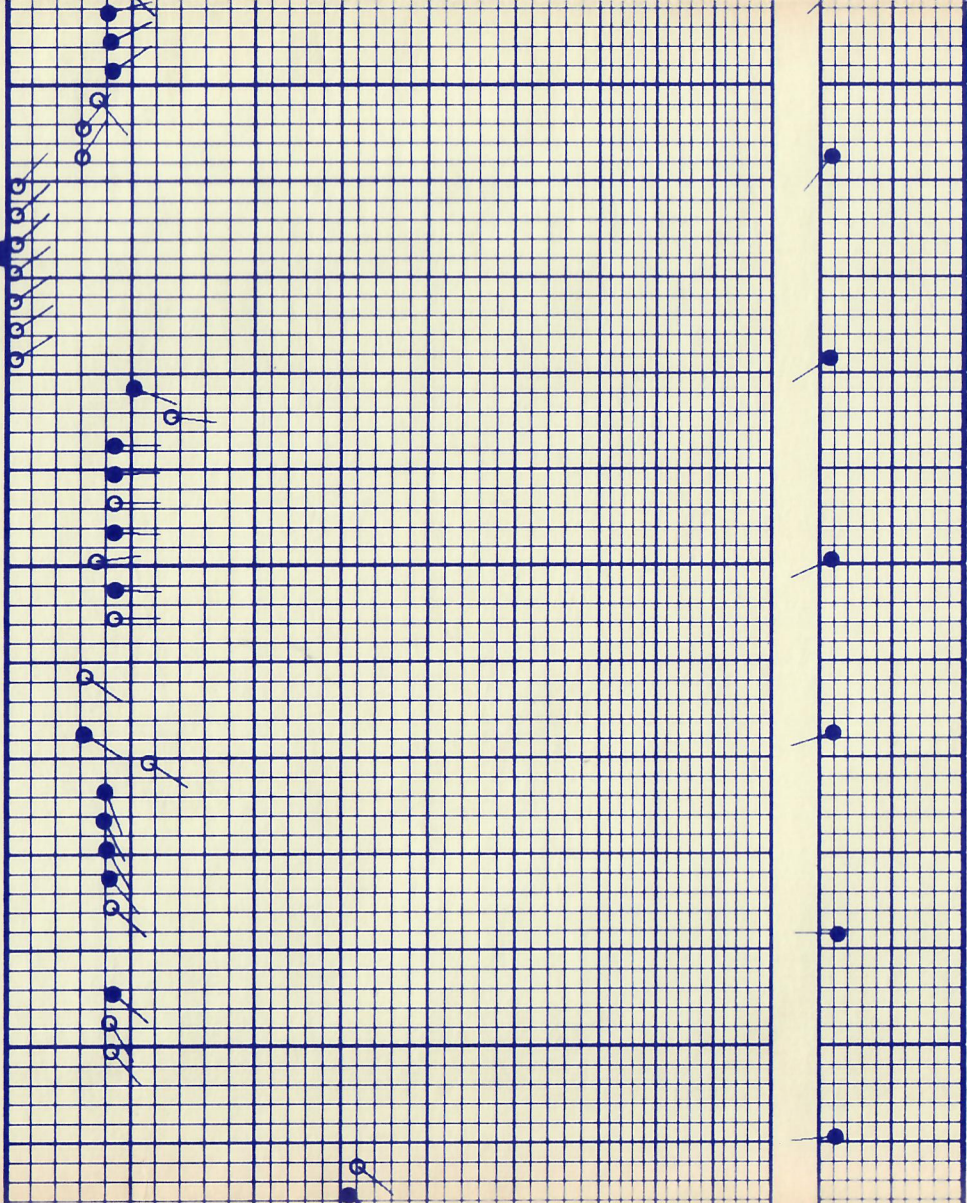
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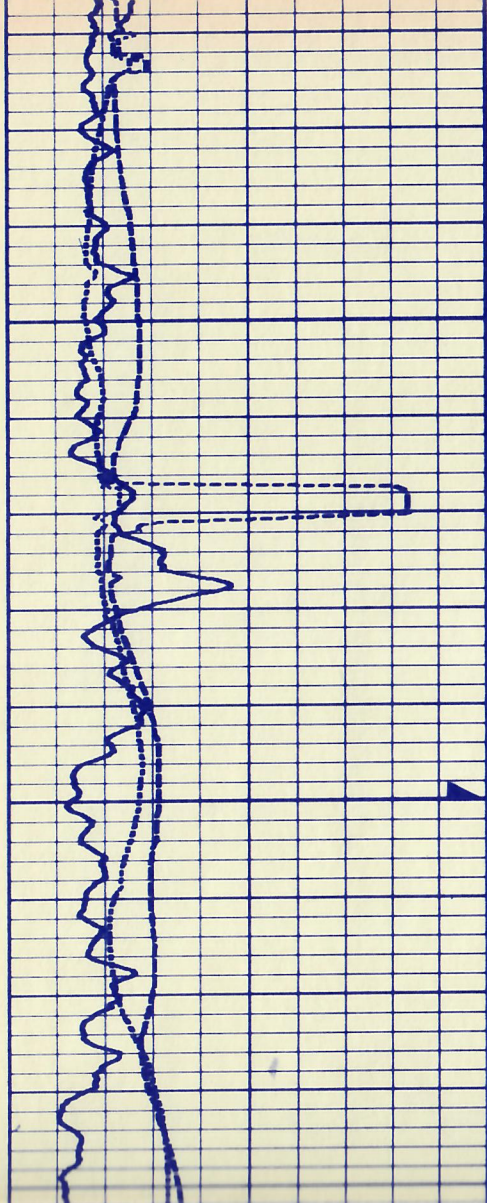




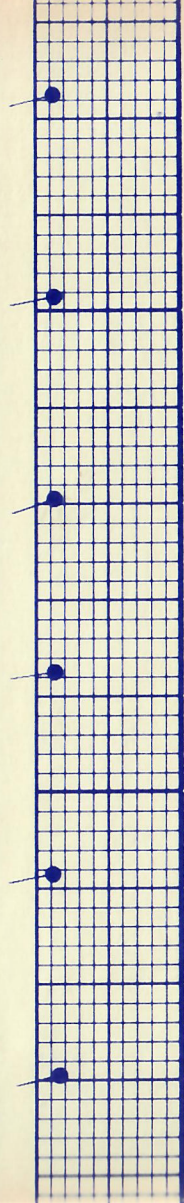
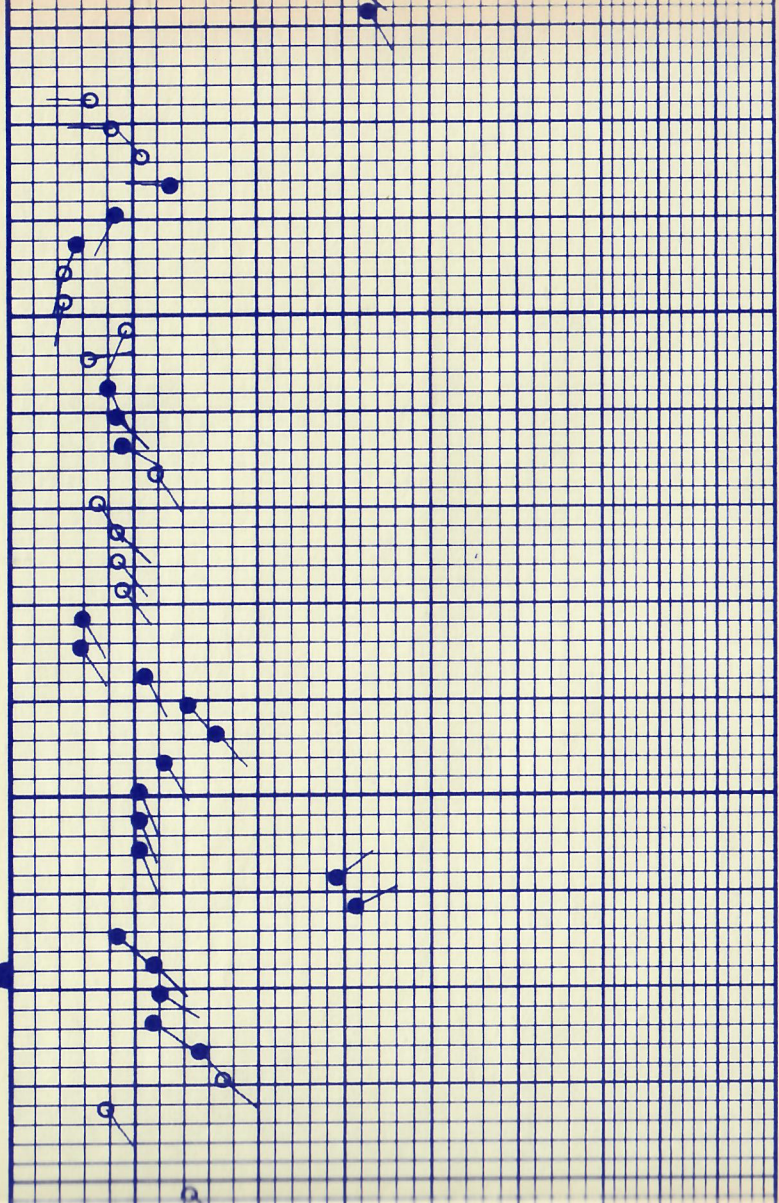


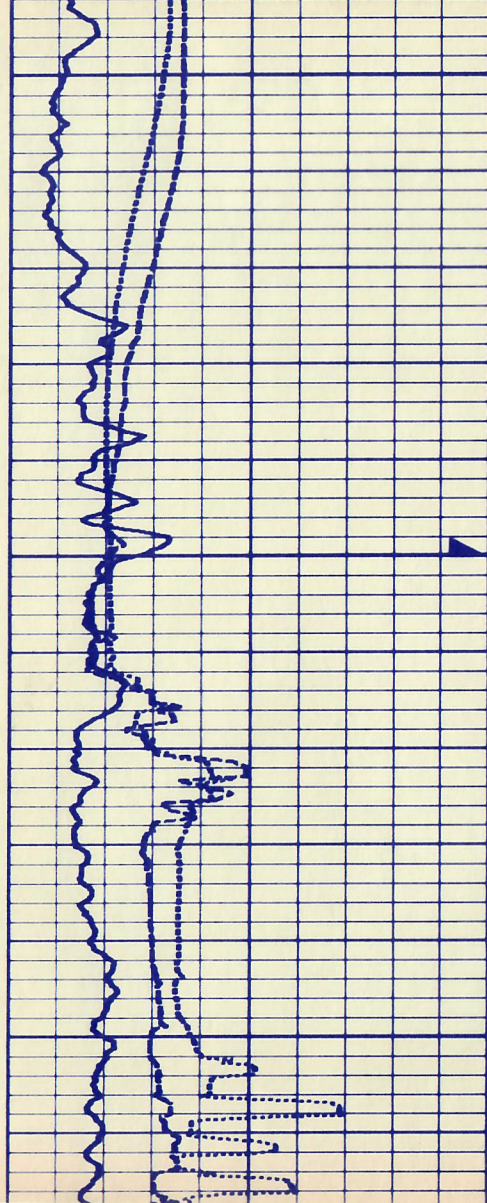
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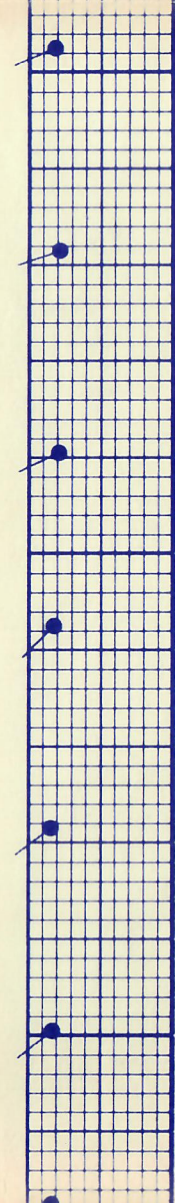
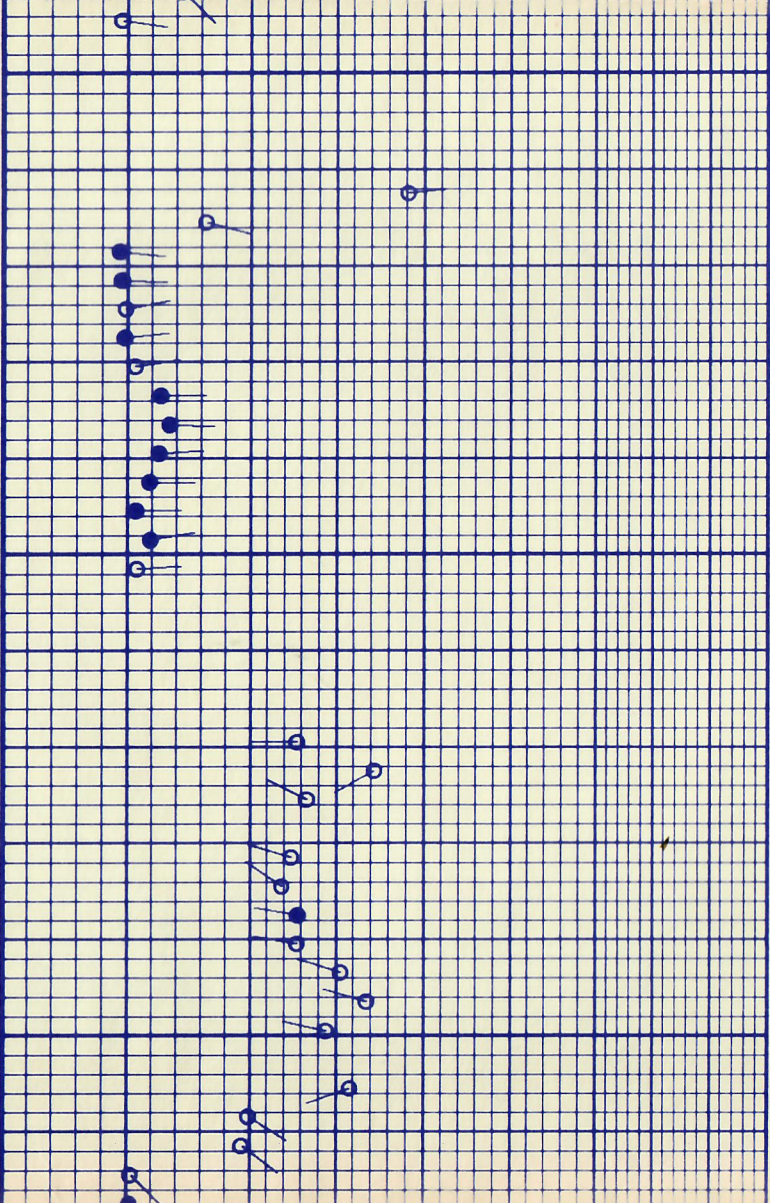
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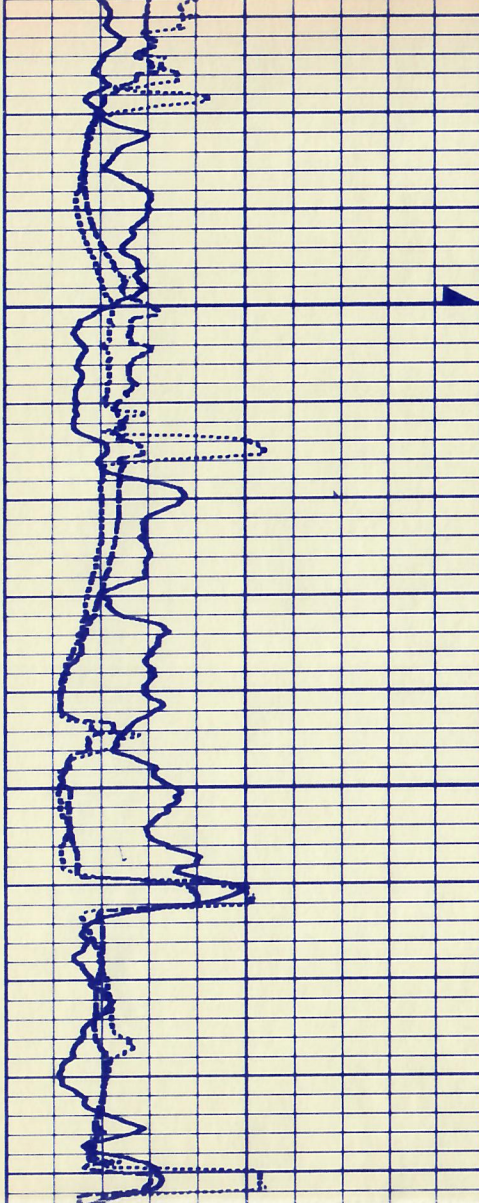




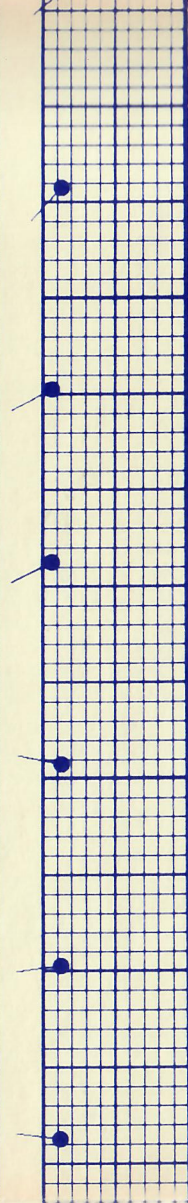
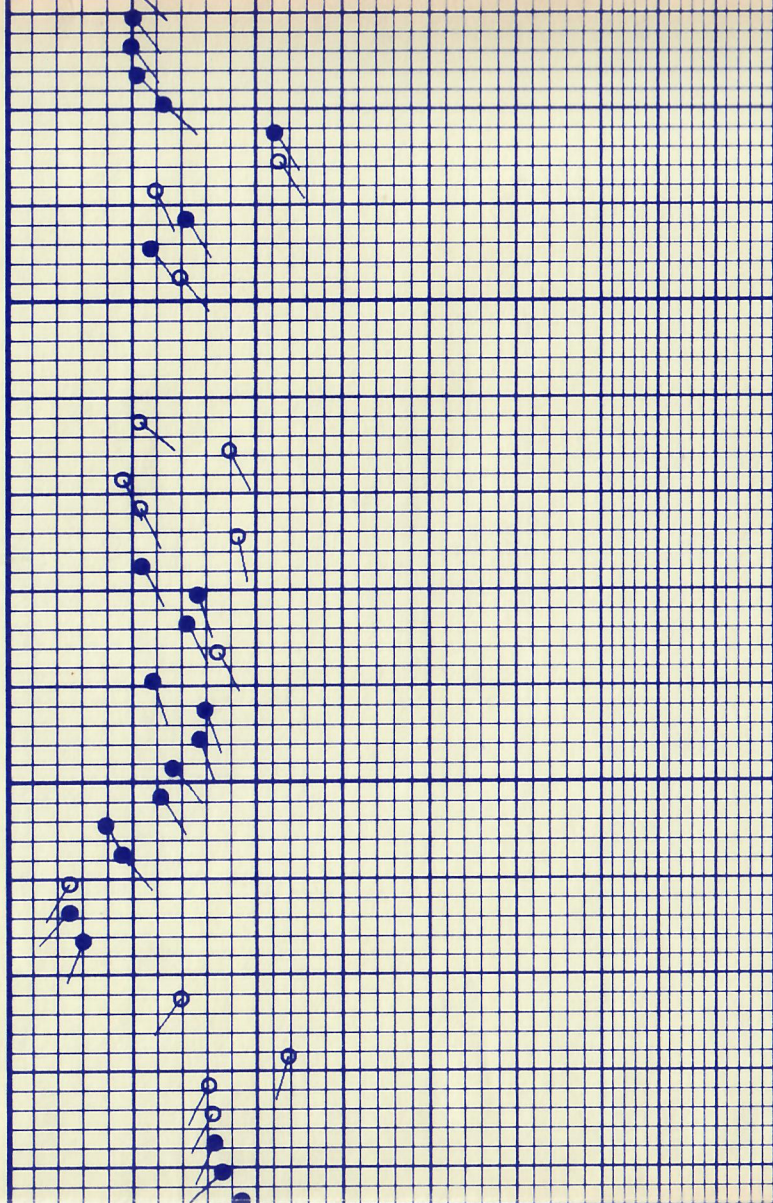
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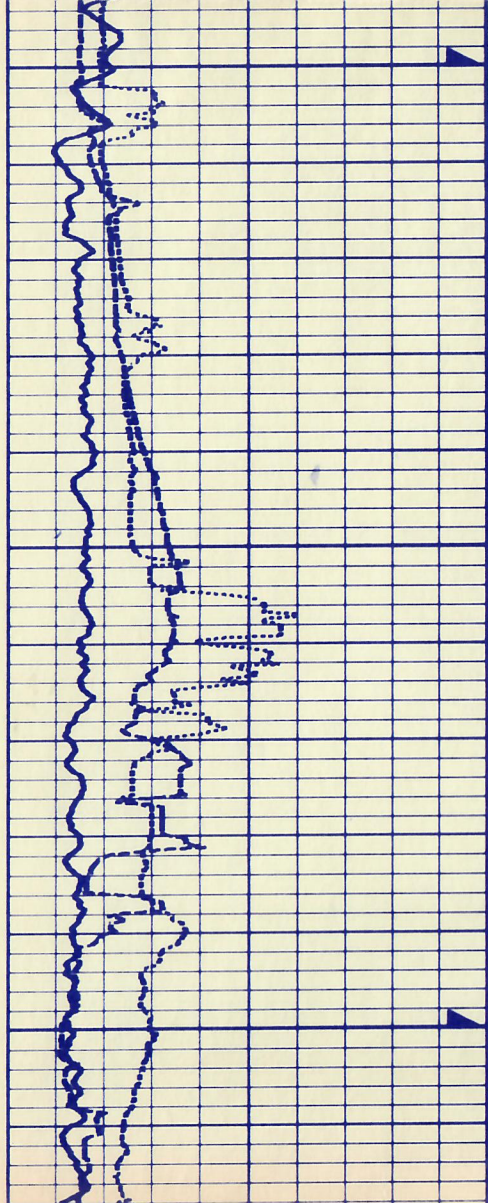
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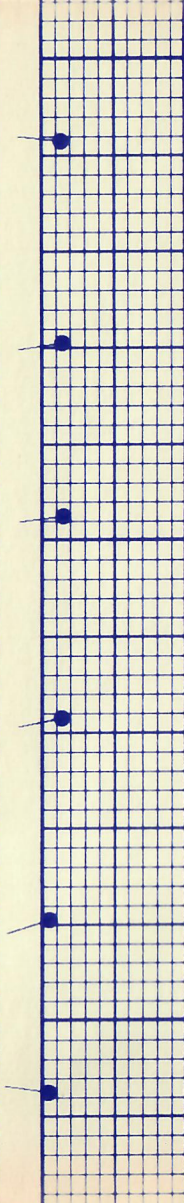
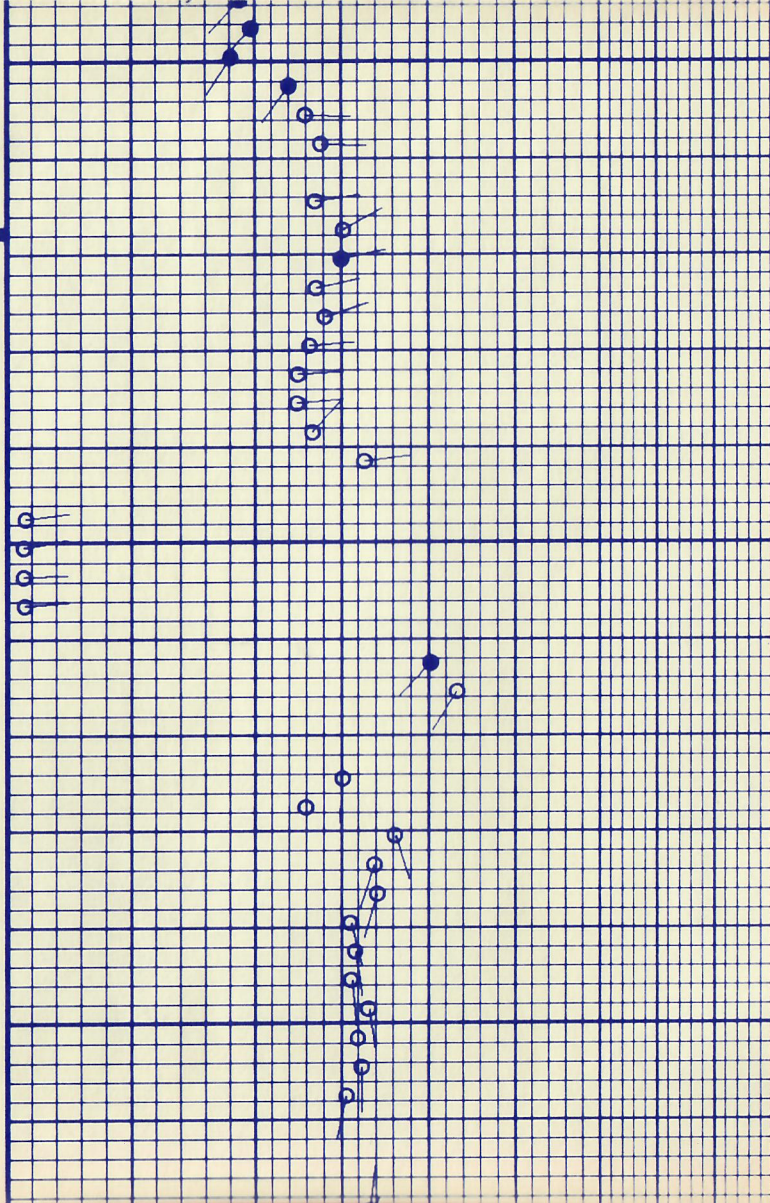


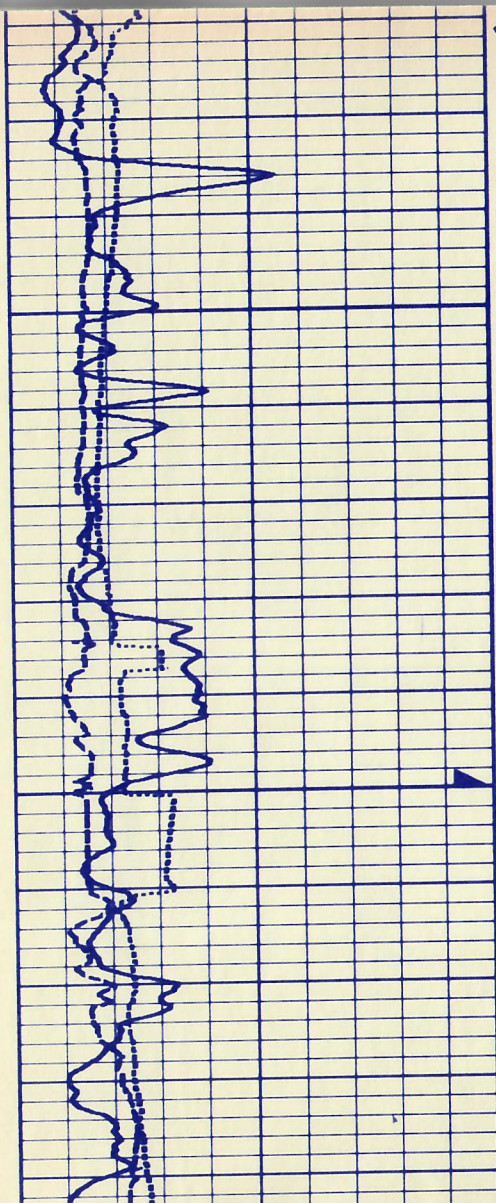
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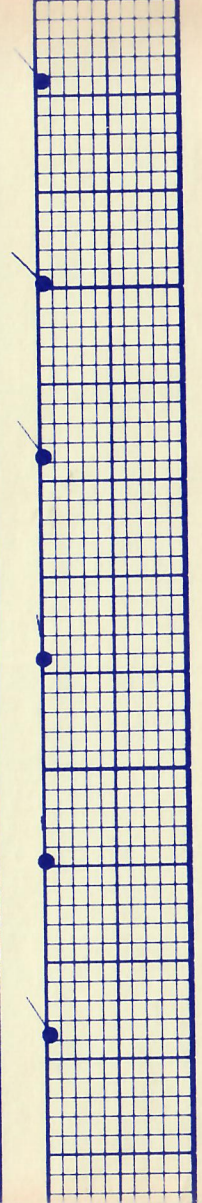
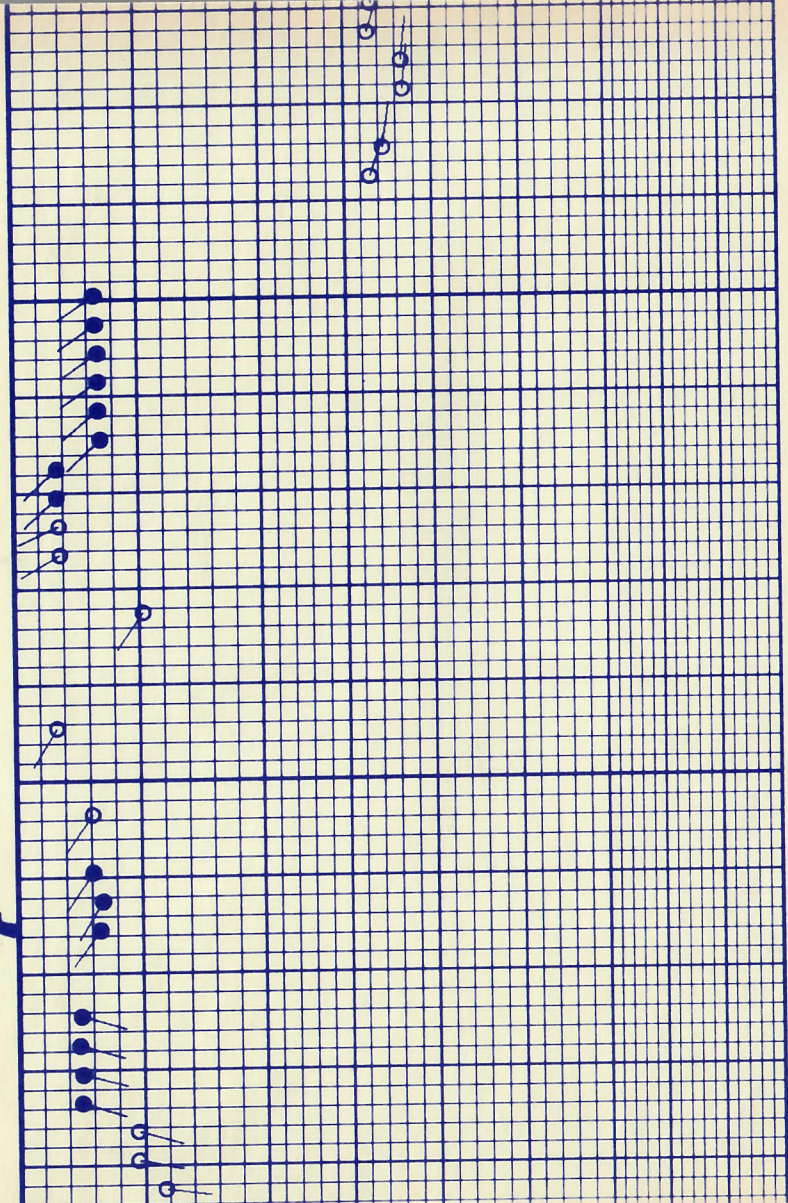


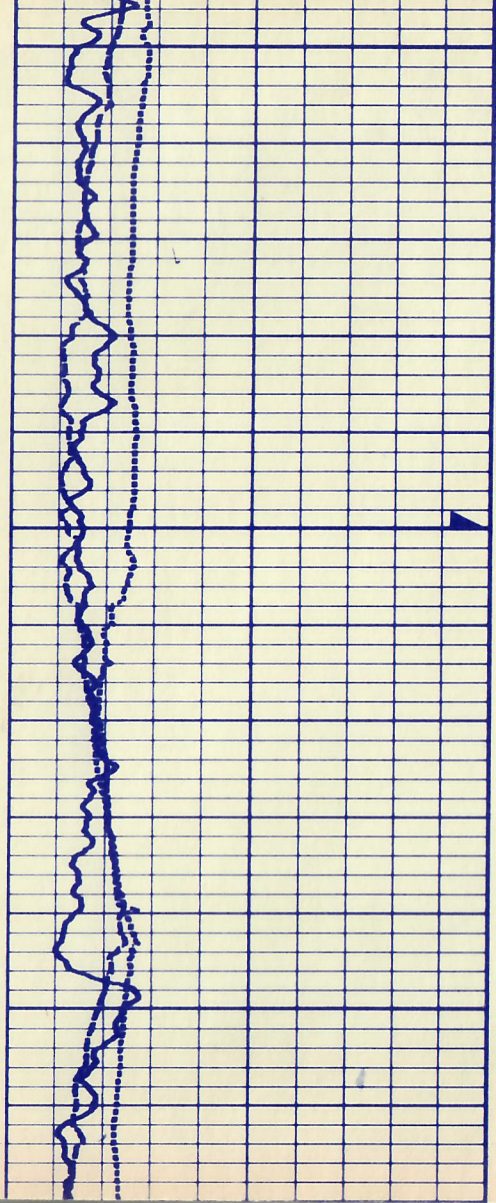
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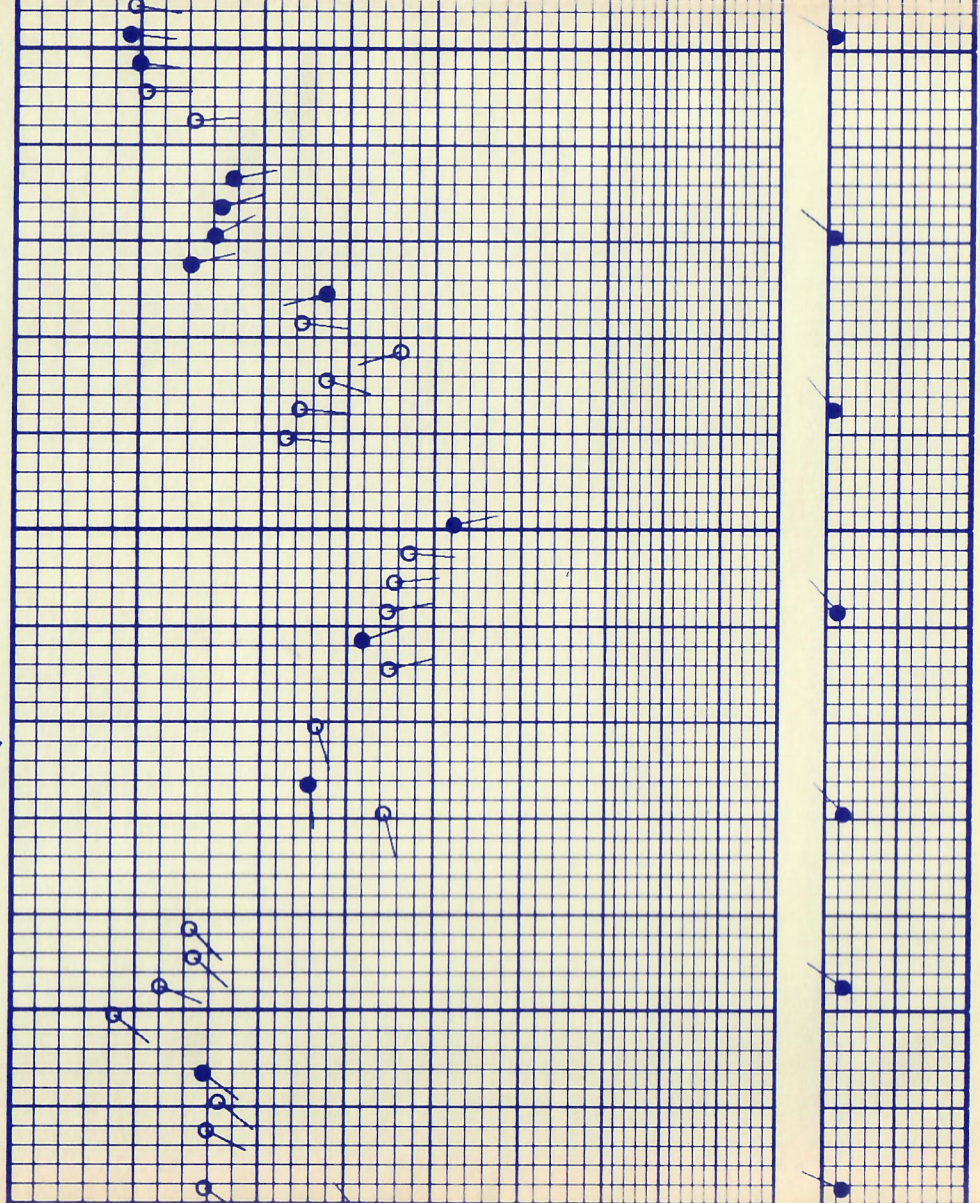
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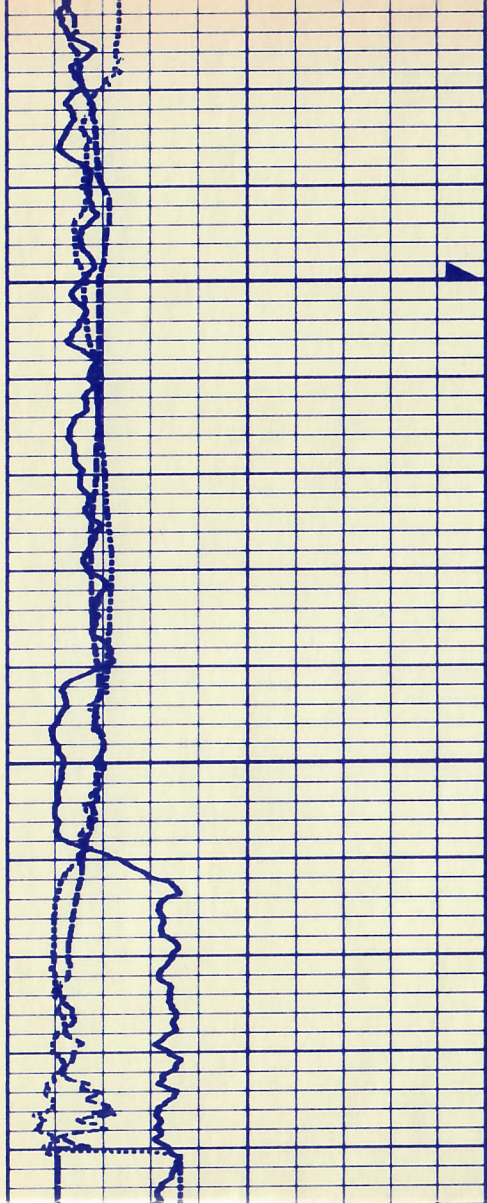




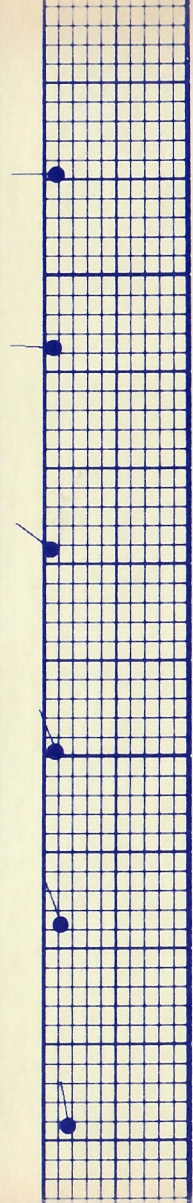
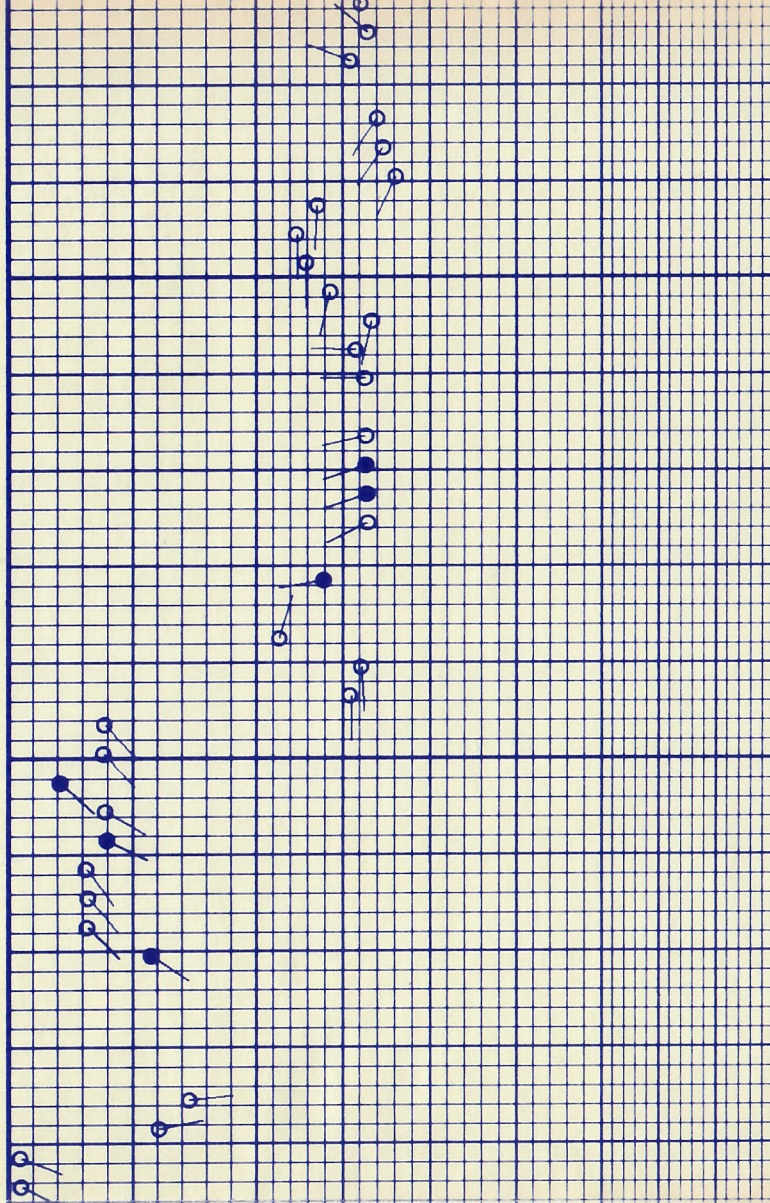
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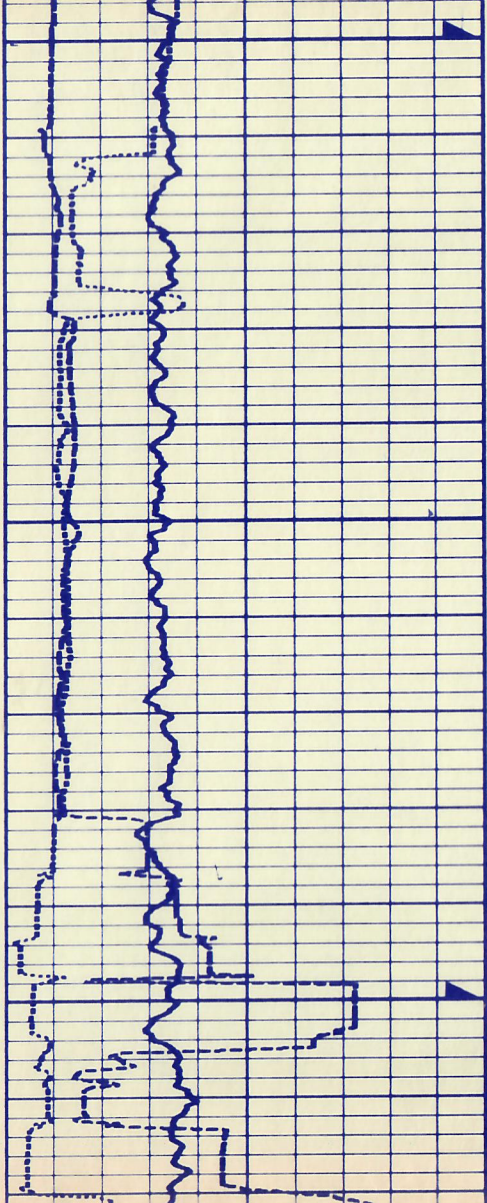




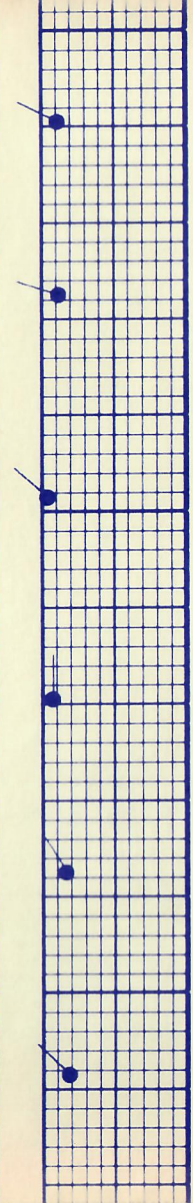
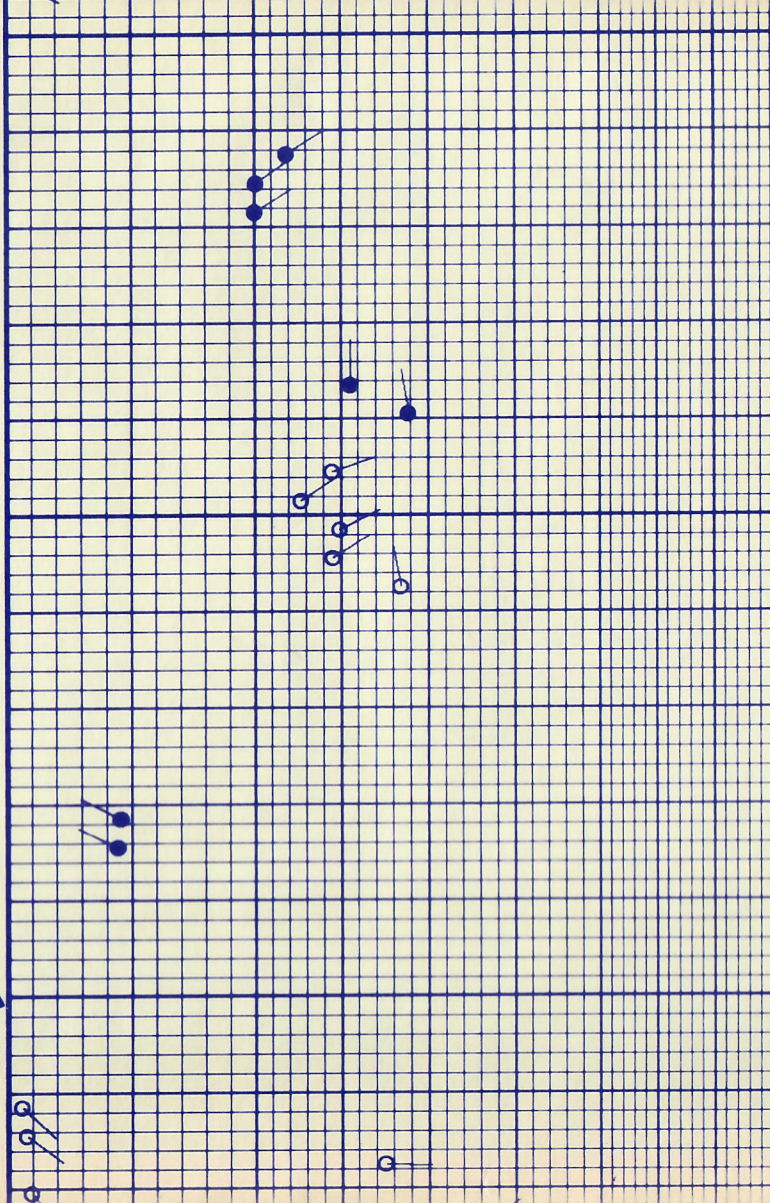
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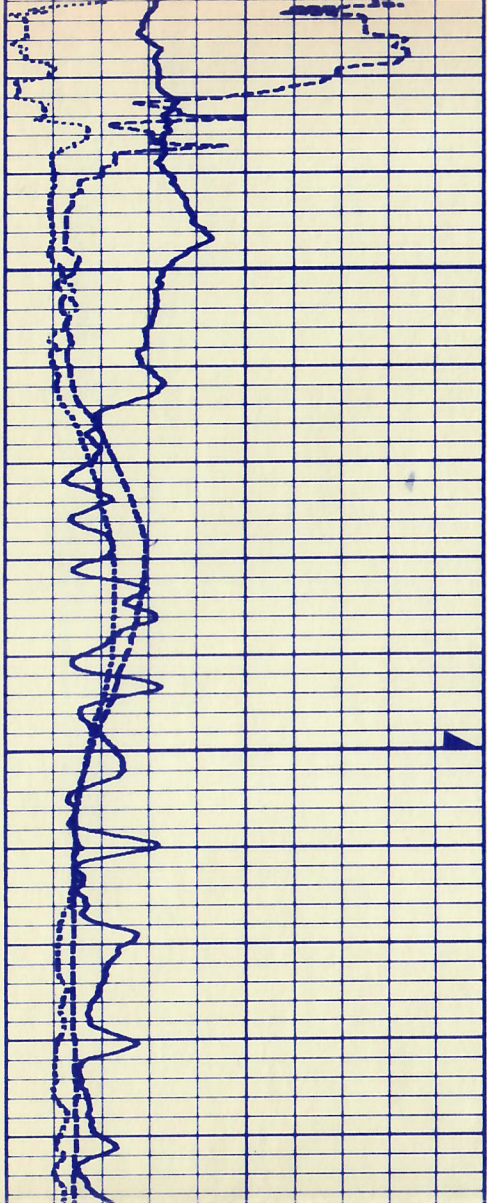




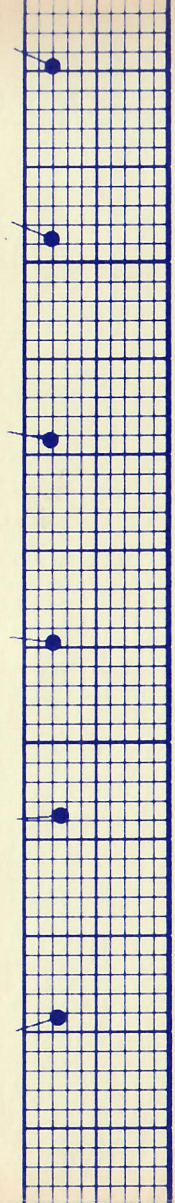
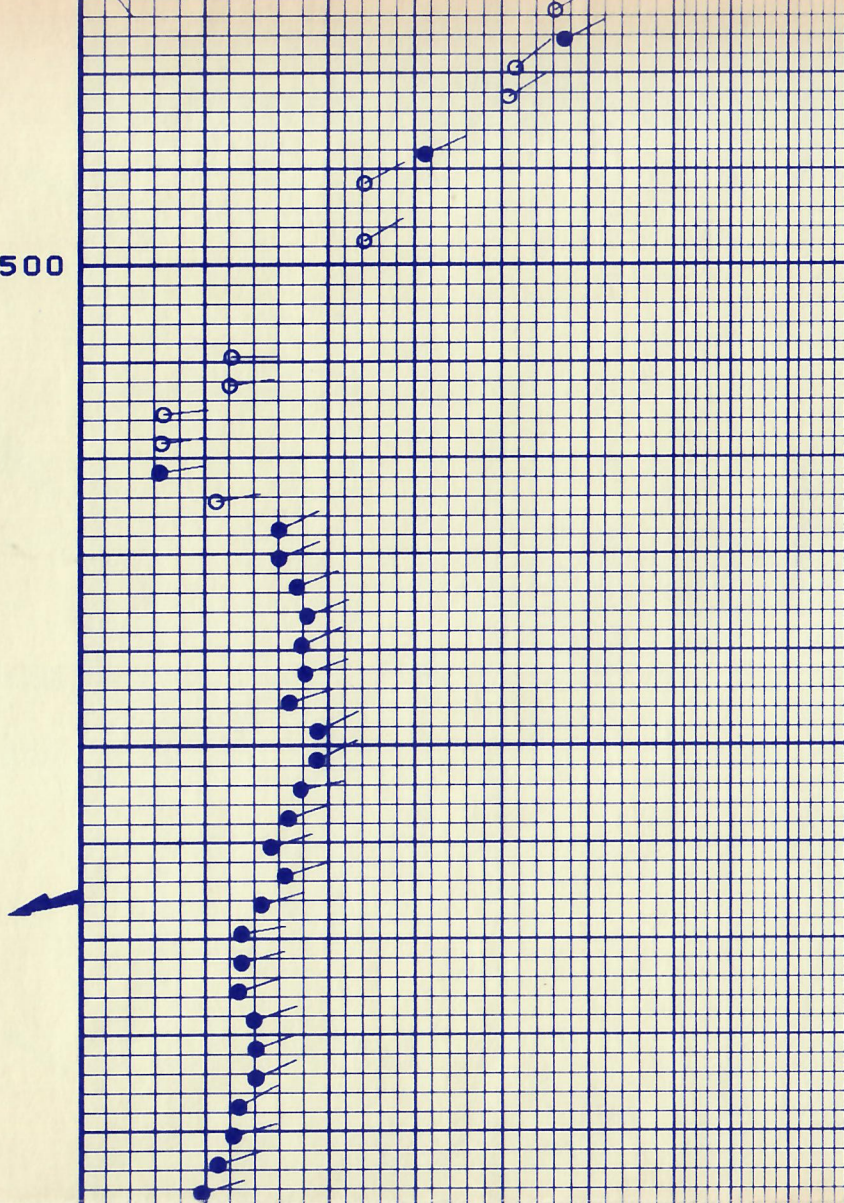


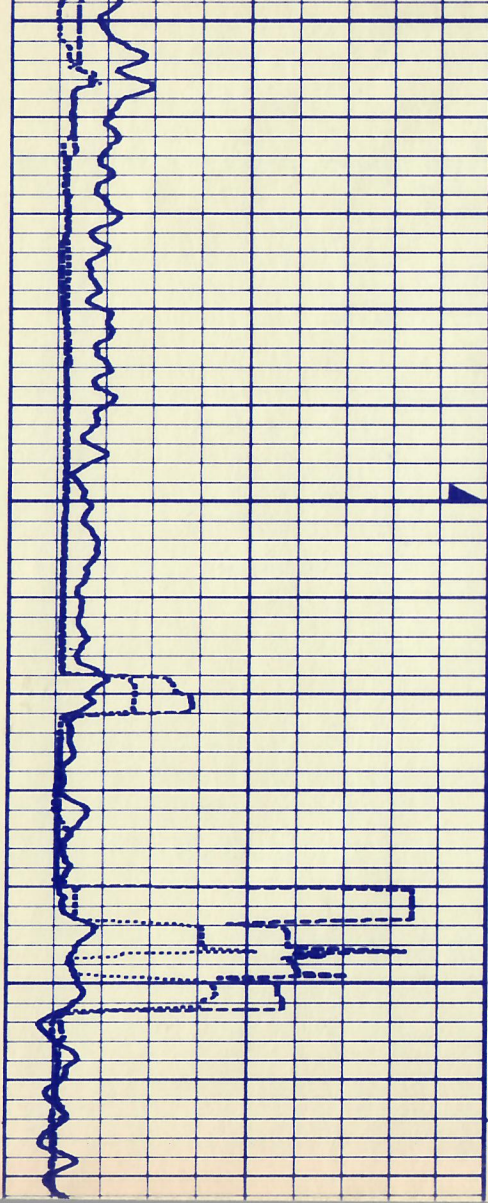
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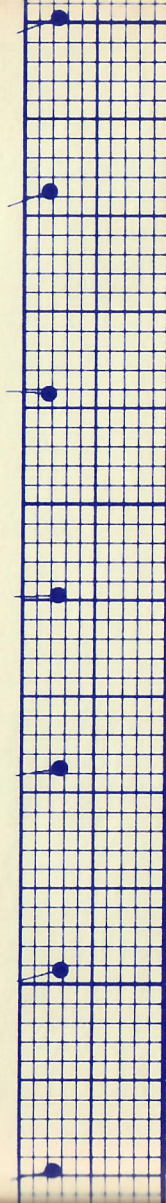
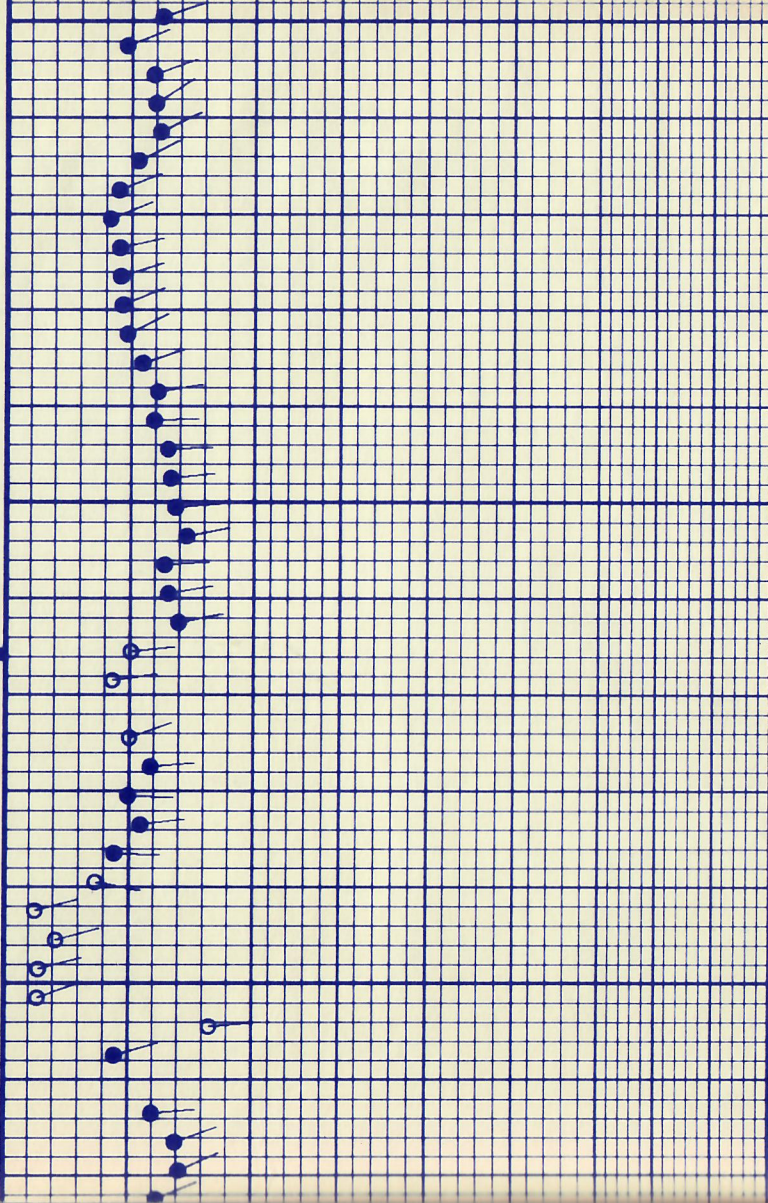
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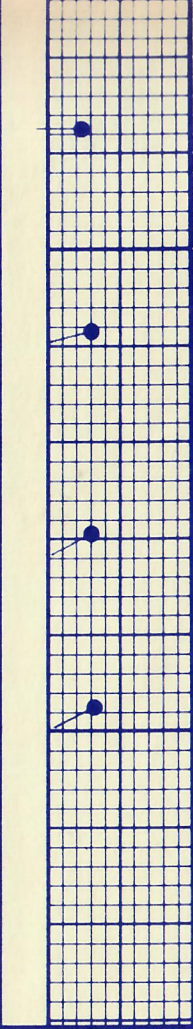
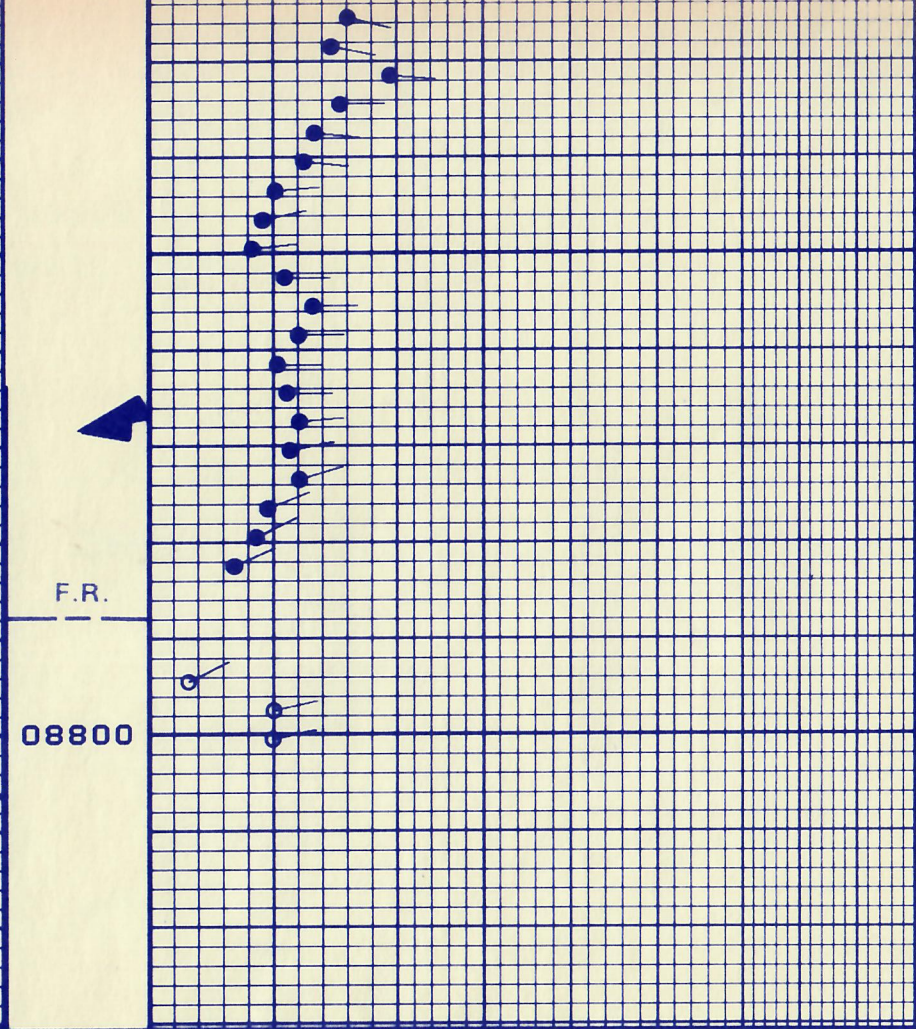
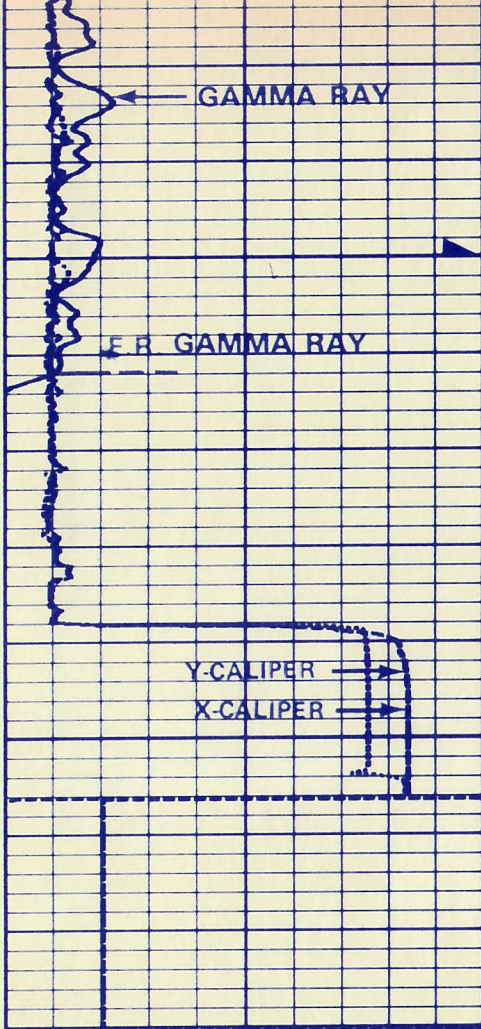




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08700



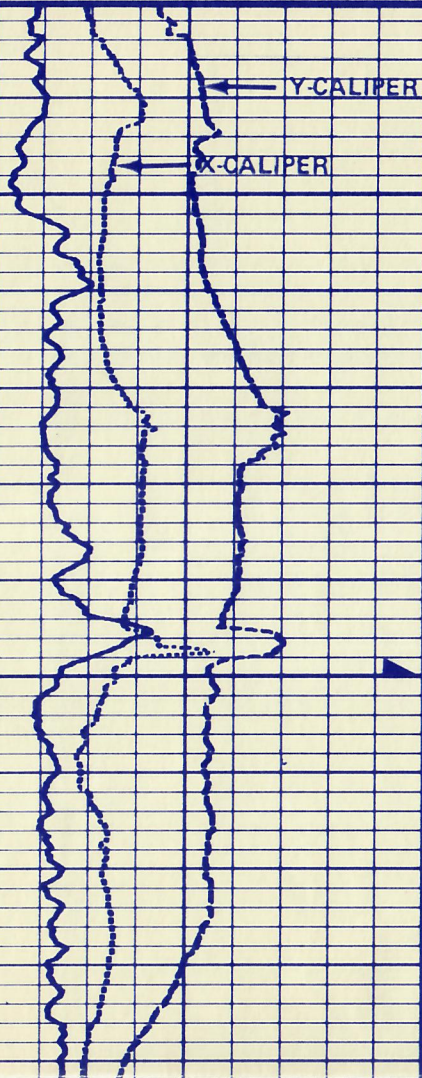


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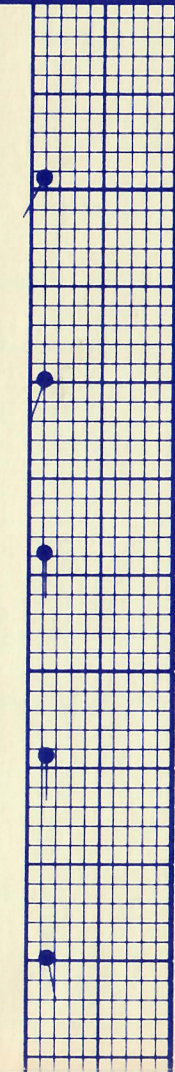
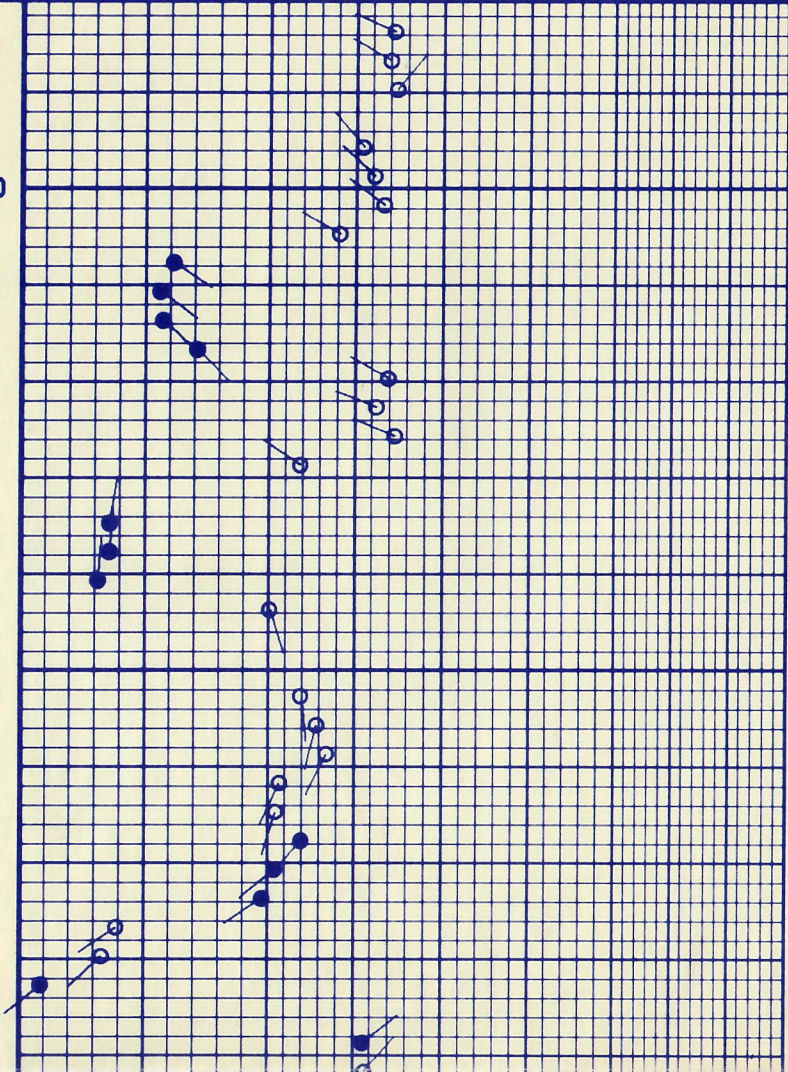


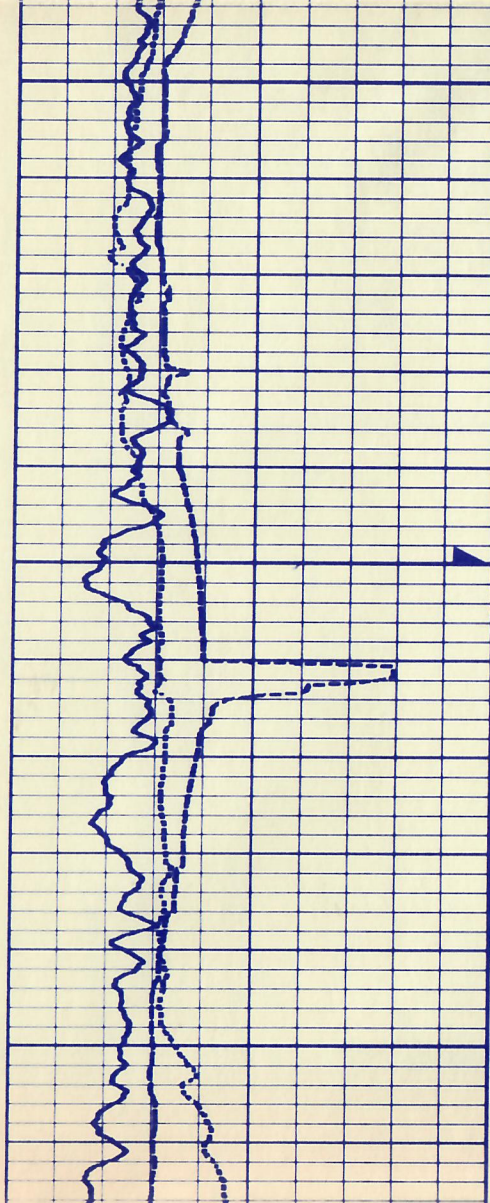
8 CALIPER X 18

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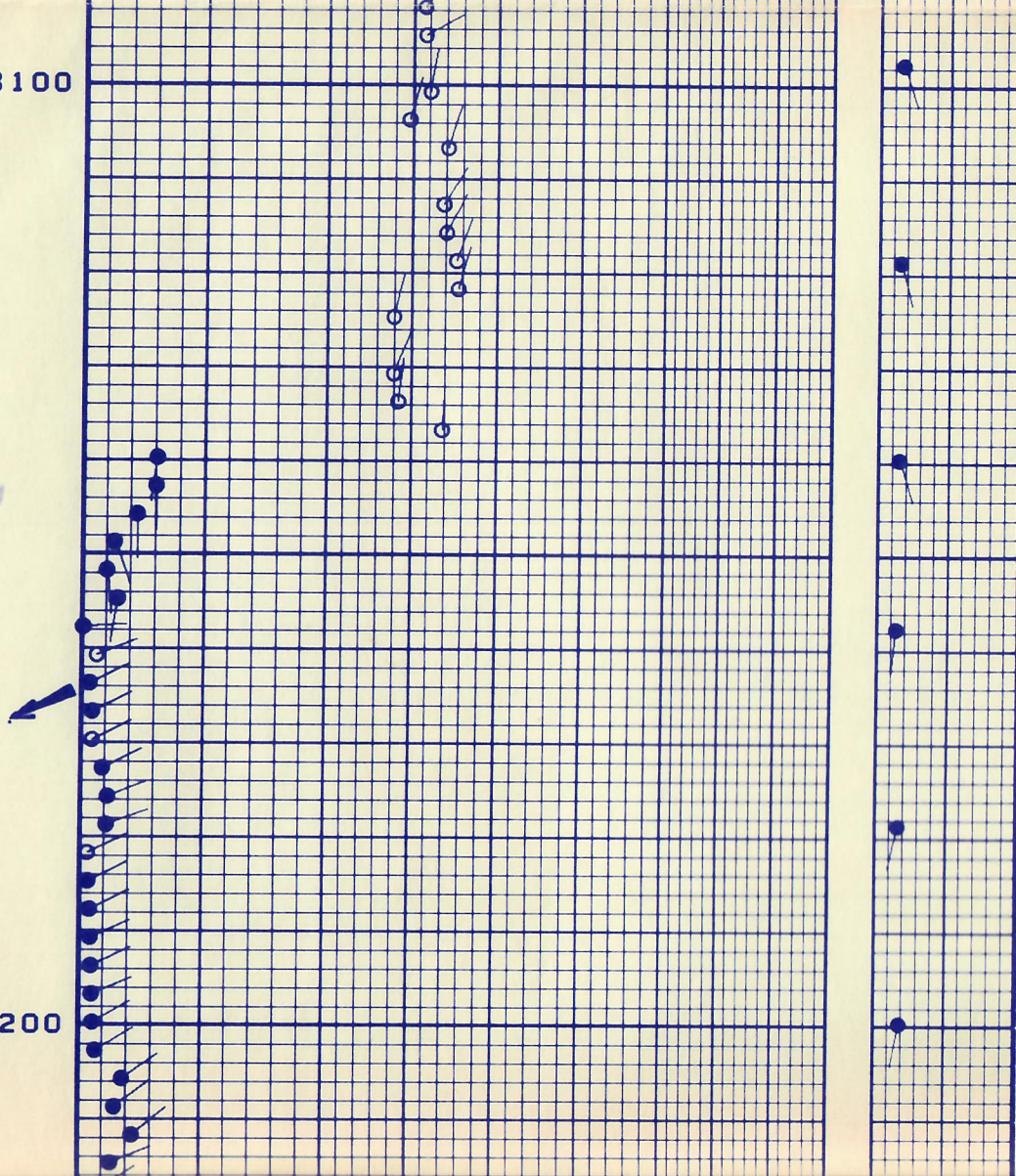
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REPEAT SECTION

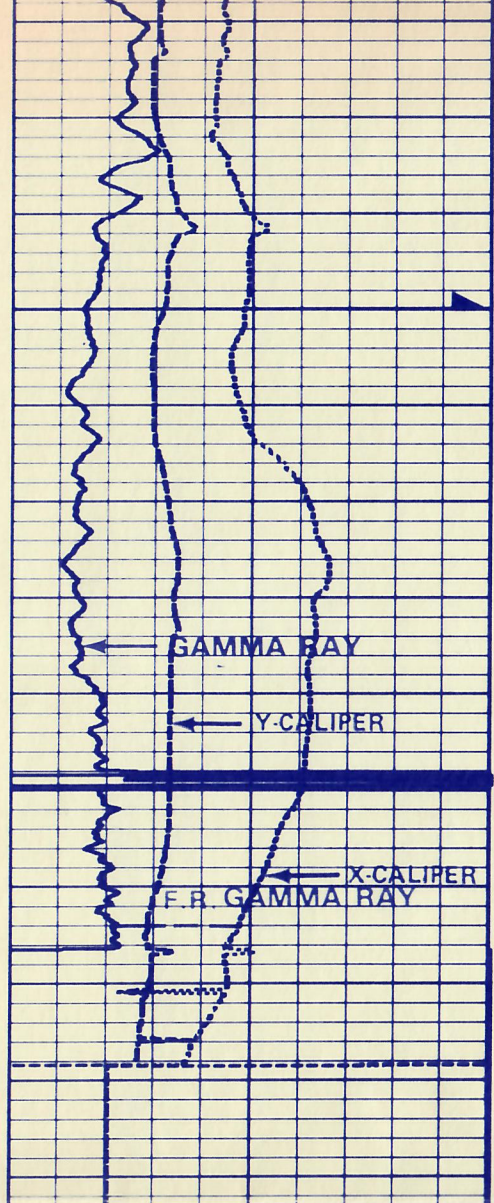




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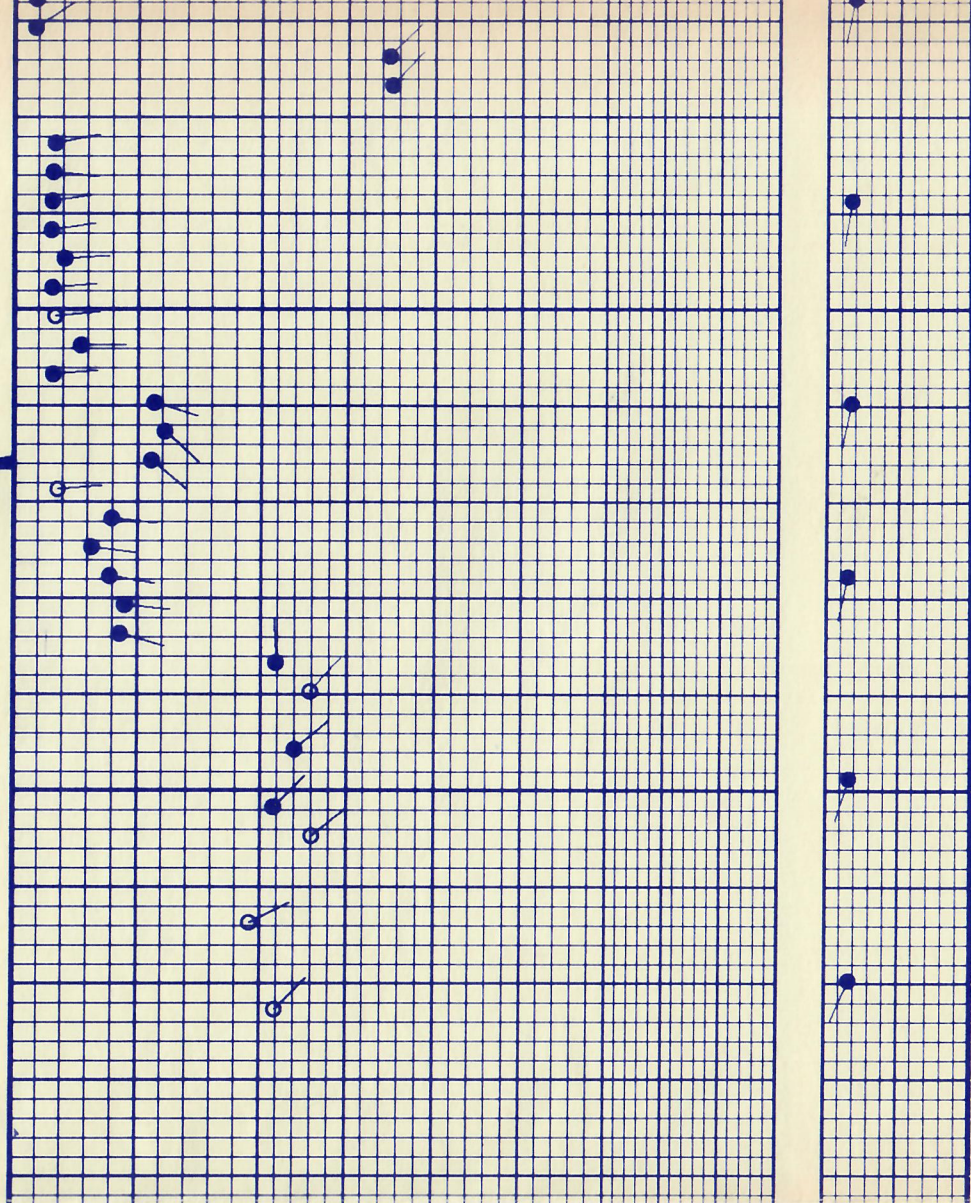
03200





03300

REPEAT SECTION







# AZIMUTH FREQUENCY PLOT

