

**SCHLUMBERGER**

**CONTINUOUS DIPMETER**

(COMPUTED)

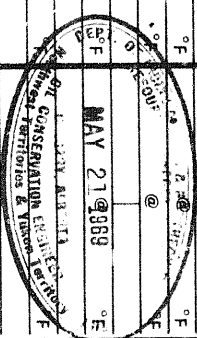
Calgary Alberta

FOUR ARM  
HIGH RESOLUTION

PROVINCE YUKON  
 FIELD WILDCAT  
 WELL PAN AM SHELL MERRILL  
YT-L-60  
 COMPANY PAN AMERICAN PETROLEUM CORPORATION

COMPANY PAN AMERICAN PETROLEUM CORPORATION  
 WELL PAN AM SHELL MERRILL  
 FIELD WILDCAT  
 PROVINCE YUKON  
 LOCATION 60° 20' N LAT  
124° 15' W LONG  
 Permanent Datum GL Elev. 1937.5  
 Log Measured From KB 12.5 Ft. Above Perm. Datum  
 Other Services: DIL, SLC-GR, FDC  
SNP  
 ELEV: KB 1950.0  
 GL 1937.5  
 CBF \_\_\_\_\_

Date	18 FEB 69	3 MAR 69
Run No.	ONE	TWO
Depth Driller	3833	5362
Depth SOC	3827	5365
Btm. Log Interval	3826	5362
Top Log Interval	550	3840
Casing Driller	516	3831
Casing SOC	516	3835
Bit Size	1 1/4"	8 1/2"
Type Fluid in Hole	GEL CHEM	GEL CHEM
Dens.	9.5	9.4
Visc.	35	48
pH	7.4	10.0
Fluid Loss		6.4
Source of Sample		
Rm @ Meas. Temp.	0.38 @ 60 °F	2.43 @ 49 °F
Rmf @ Meas. Temp.	@ °F	1.92 @ 72 °F
Rmc @ Meas. Temp.	@ °F	@ °F
Source: Rmf Rmc		
Rm @ BHT	0.12 @ 154 °F	0.70 @ 170 °F
Time Since Circ.		
Max. Rec. Temp.		170
Equipment		
Tuck No.	3703	3702
Location	DAWSON CREEK	DAWSON CREEK
Recorded By	HIEBERT	ALEXANDER
Witnessed By	NAGEL	NAGEL



FOLD HERE THIS HEADING AND LOG CONFORMS TO API RP 31

Run No.	Tool Type	HDM No.	HDE No.	HDP No.	HDS No.	DPI-DNO	DDRNO	COMPUTED BY	PLOTTED BY
ONE				C 740			7 743	EMR 6050	CALCOMP
TWO								EMR 6050	CALCOMP

REMARKS

"Any directional computations made from the dipmeter log must be regarded as approximate only. This is because the dipmeter log indicates the orientation of the instrument itself, rather than the direction and amount of the wall drift. Therefore, we do not and cannot guarantee the accuracy of such directional computations, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained that may result from any such computations."

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

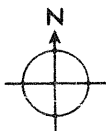
VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF				VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			
DIP ANGLES (degrees)	100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.

TABLE OF VERTICAL DISPLACEMENT IN FEET CORRESPONDING TO  
VARIOUS HORIZONTAL DISTANCES AND ANGLES OF DIP

VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF				VERTICAL DISPLACEMENT FOR HORIZONTAL DISTANCES OF			
DIP ANGLES (degrees)	100'	1000'	1 mile (5280')	DIP ANGLES (degrees)	100'	1000'	1 mile (5280')
1	1.75	17.5	92.2	19	34.4	344.	1818.
2	3.5	35.	184.	20	36.4	364.	1922.
3	5.2	52.	277.	21	38.4	384.	2027.
4	7.0	70.	369.	22	40.4	404.	2133.
5	8.8	88.	462.	23	42.5	425.	2241.
6	10.5	105.	555.	24	44.5	445.	2351.
7	12.3	123.	648.	25	46.6	466.	2462.
8	14.1	141.	742.	30	57.7	577.	3048.
9	15.8	158.	836.	35	70.0	700.	3697.
10	17.6	176.	931.	40	83.9	839.	4430.
11	19.4	194.	1026.	45	100.0	1000.	5280.
12	21.3	213.	1122.	50	119.2	1192.	6293.
13	23.1	231.	1219.	55	142.8	1428.	7540.
14	24.9	249.	1316.	60	173.2	1732.	9145.
15	26.8	268.	1415.	65	214.4	2144.	11323.
16	28.7	287.	1514.	70	274.8	2748.	14507.
17	30.6	306.	1614.	75	373.2	3732.	19705.
18	32.5	325.	1716.	80	567.1	5671.	29945.

To obtain vertical displacements corresponding to multiples of hundreds feet, thousands of feet or miles, multiply the number found in the table by the number of hundreds, thousands or miles.

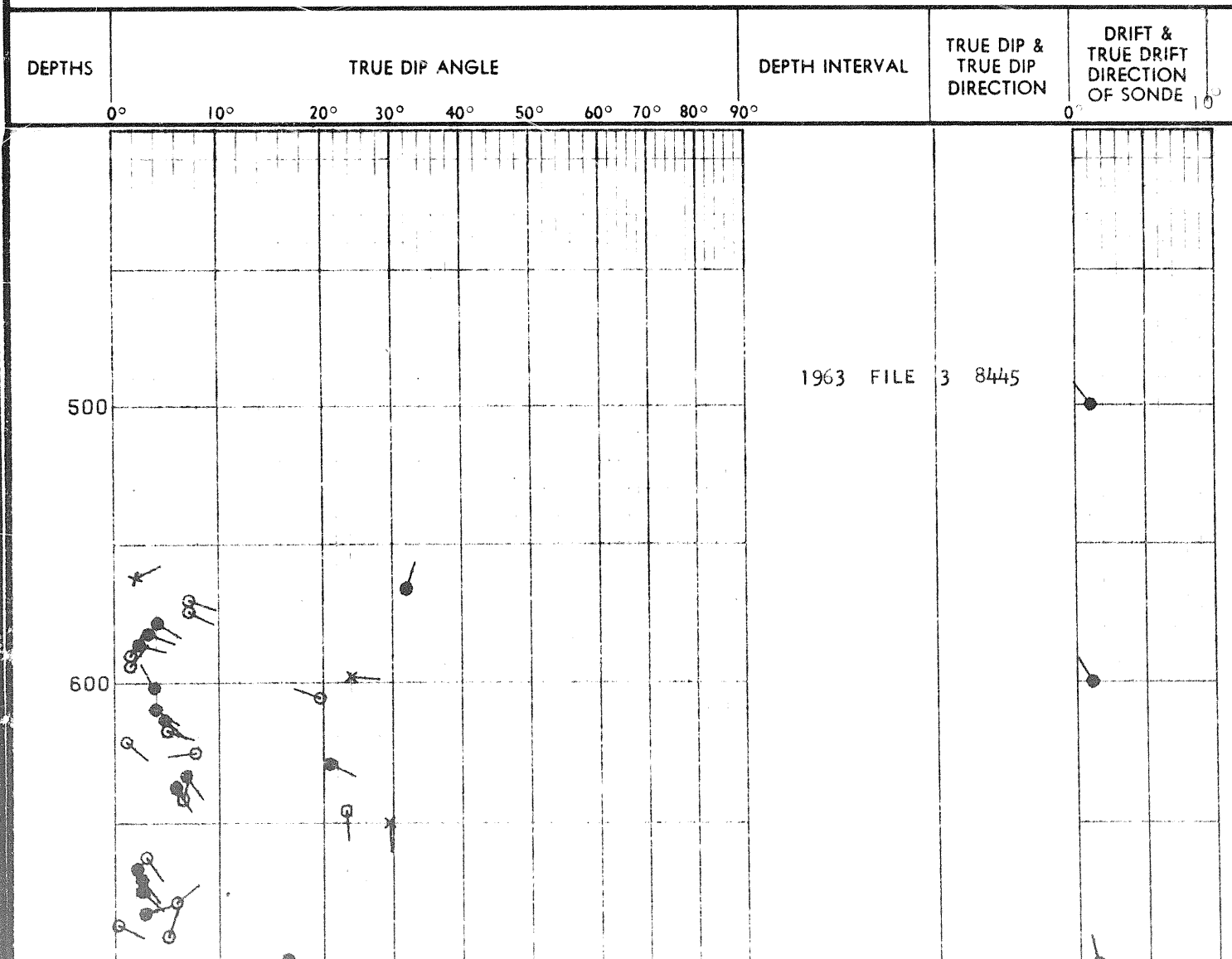
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 660 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore  $28.7 \times 6.60 = 189.42$ , or 189. feet.

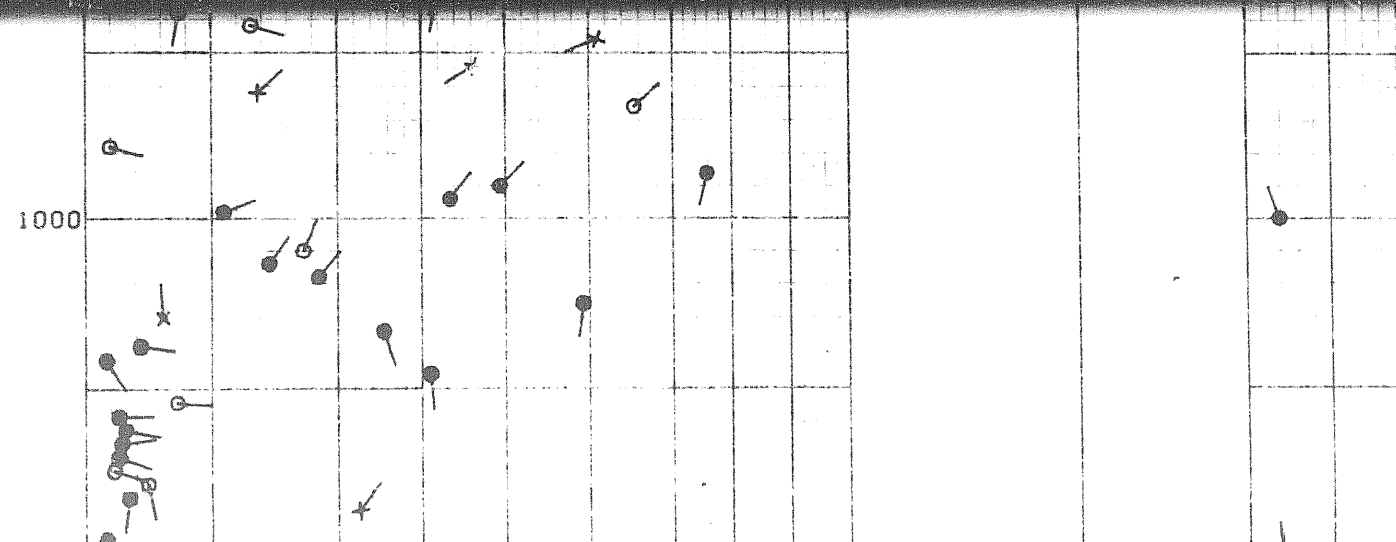
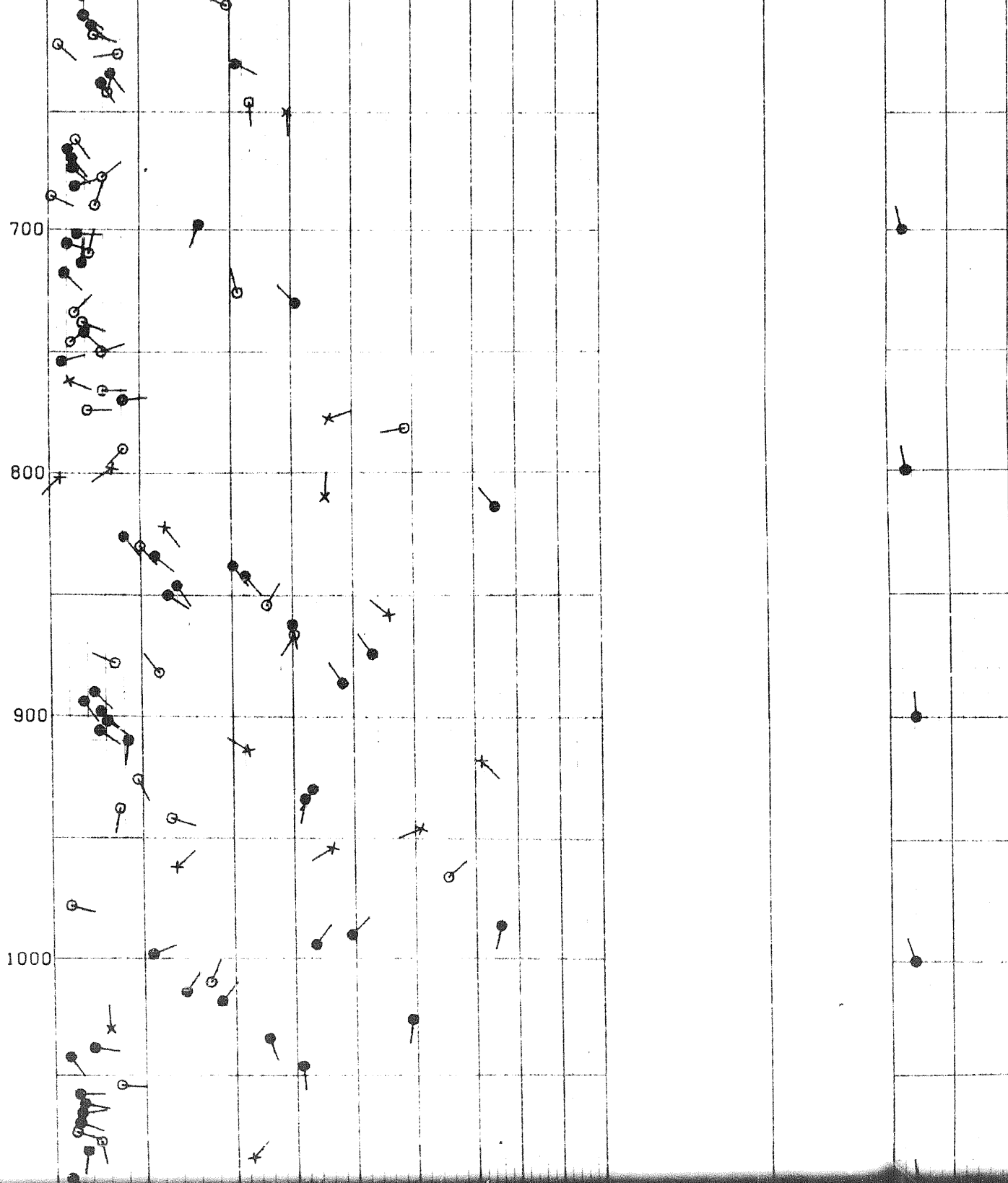


### GRAPHIC PRESENTATION

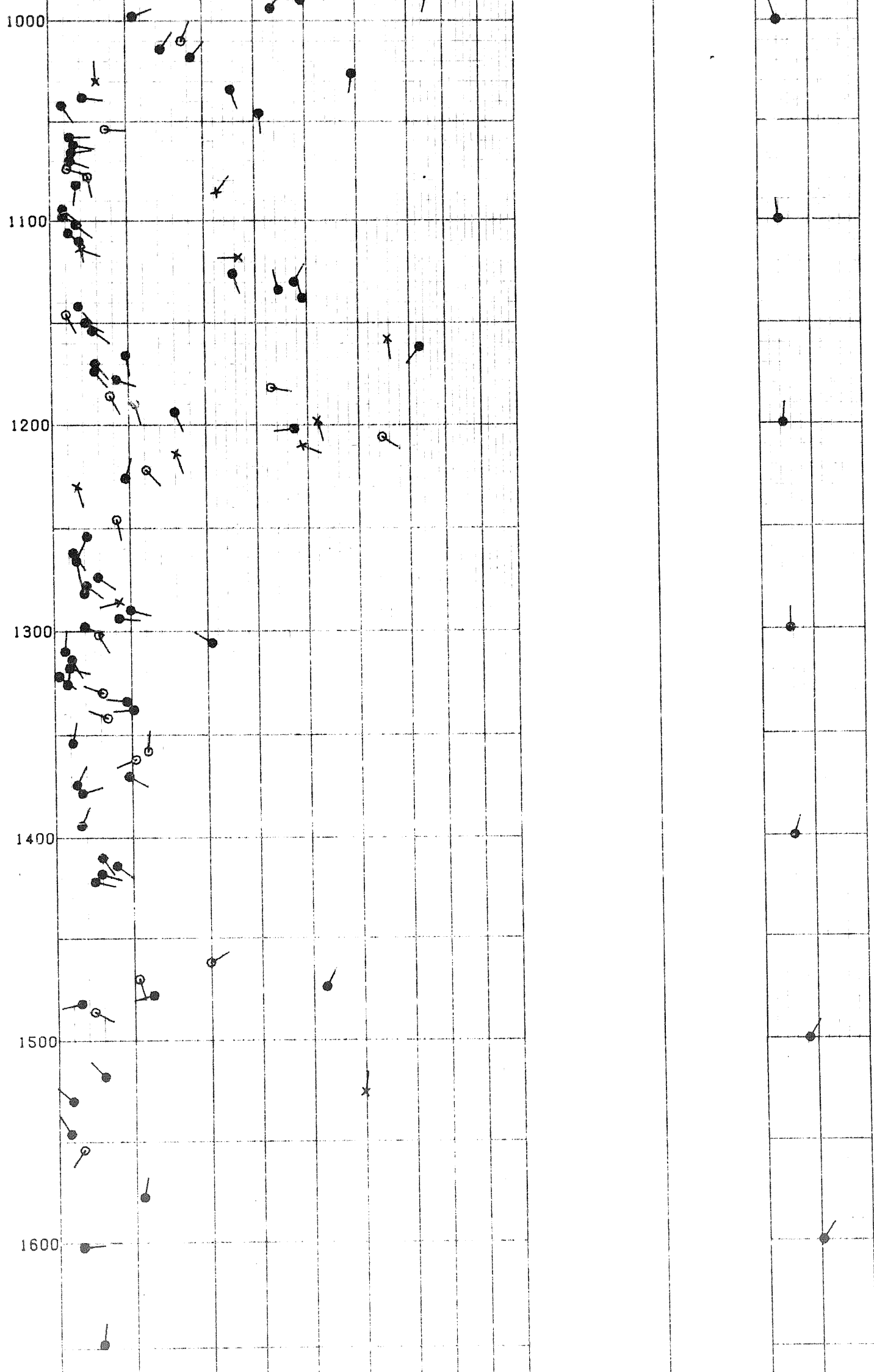
CORRELATION RATING:

- GOOD
- FAIR
- ✕ POOR





70.6





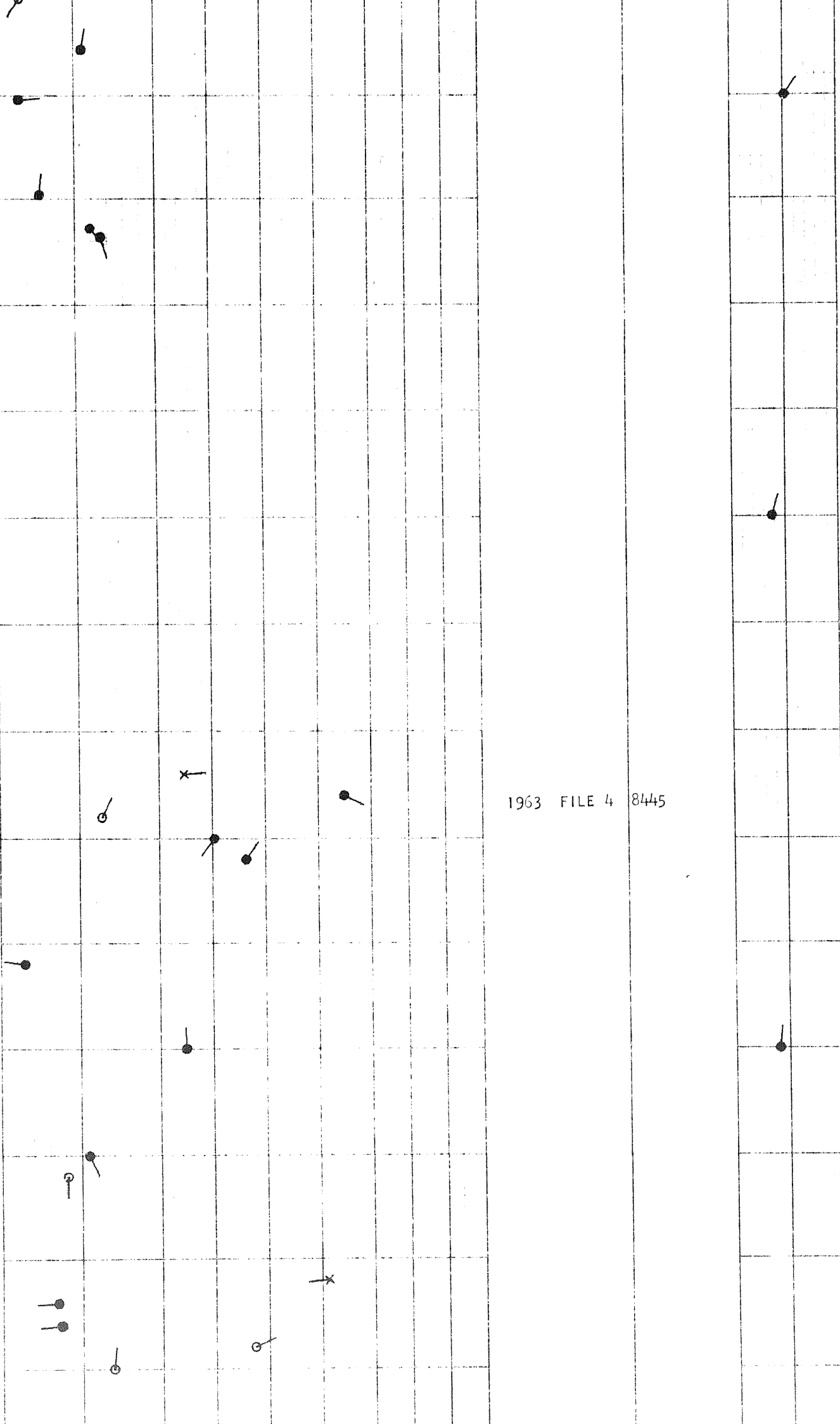
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1700

2200

2300

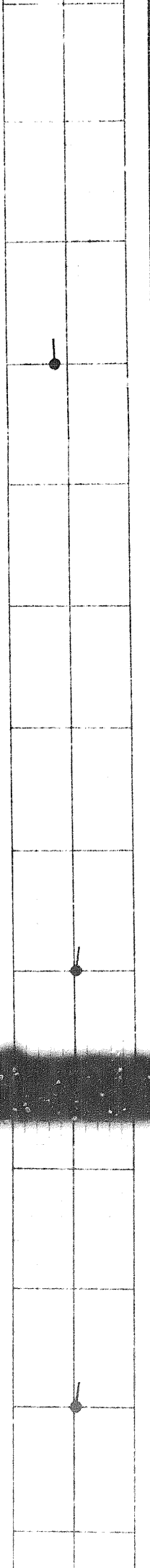
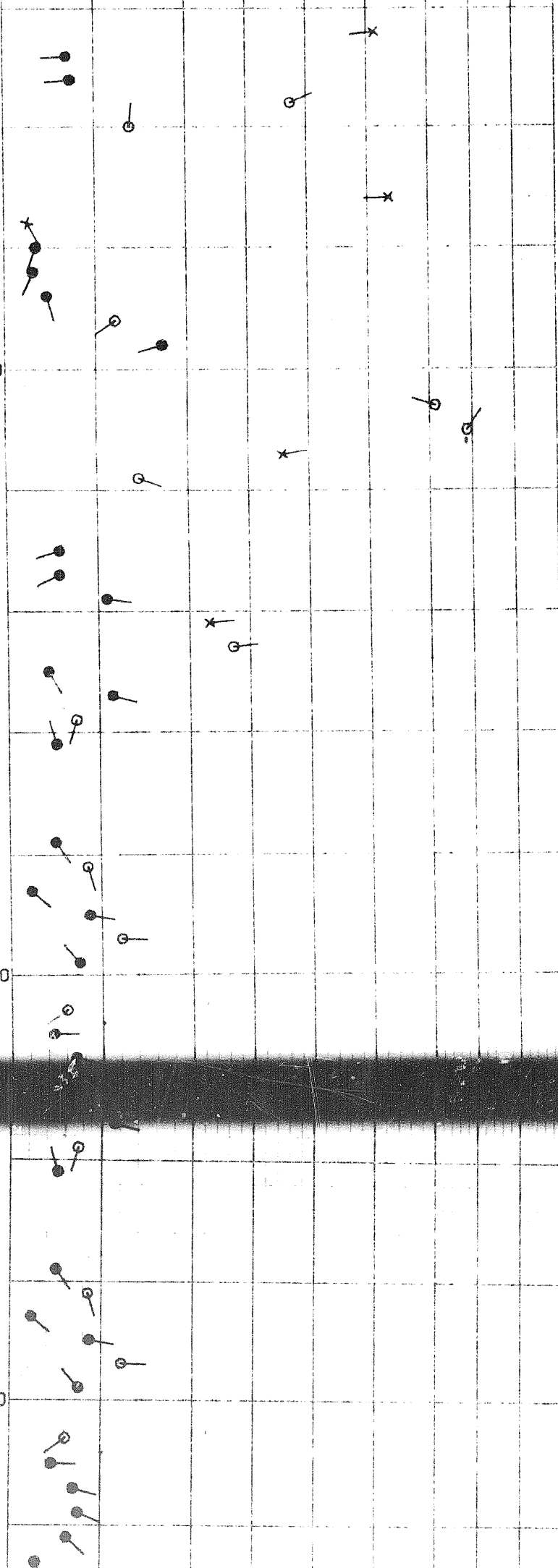
1963 FILE 4 8445



2400

2500

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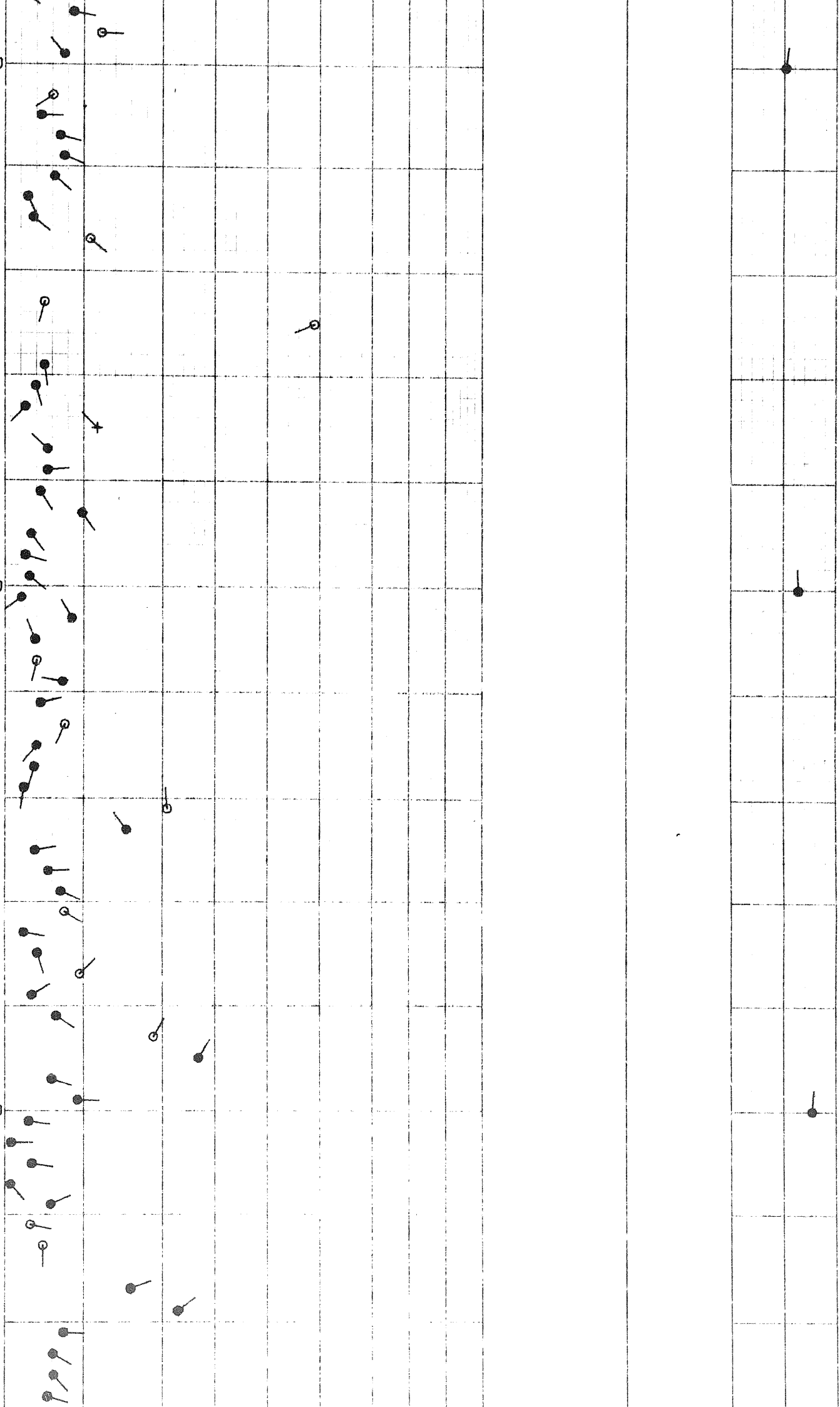


202

2500

2600

2700

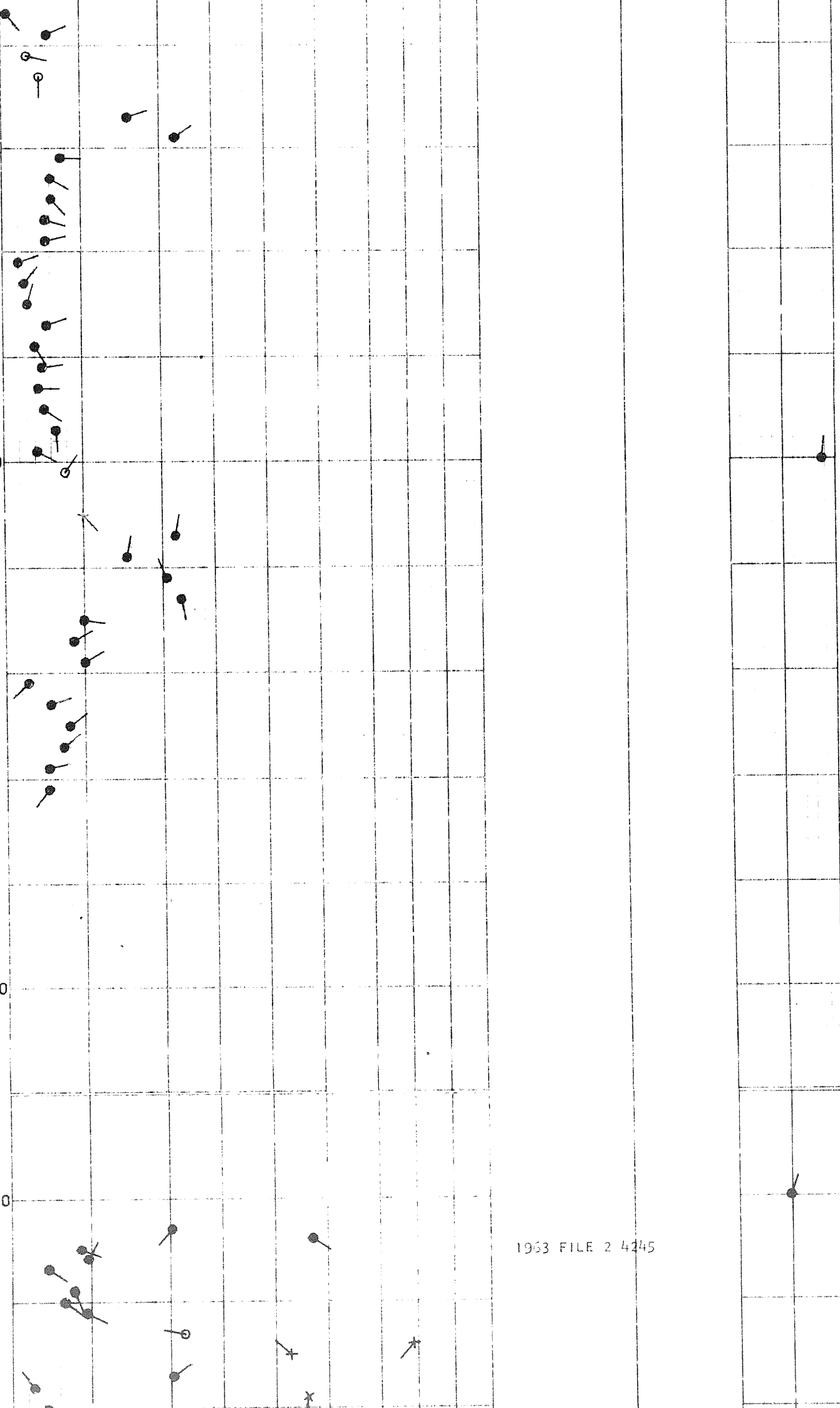


2800

2900

2000

1963 FILE 2 4245

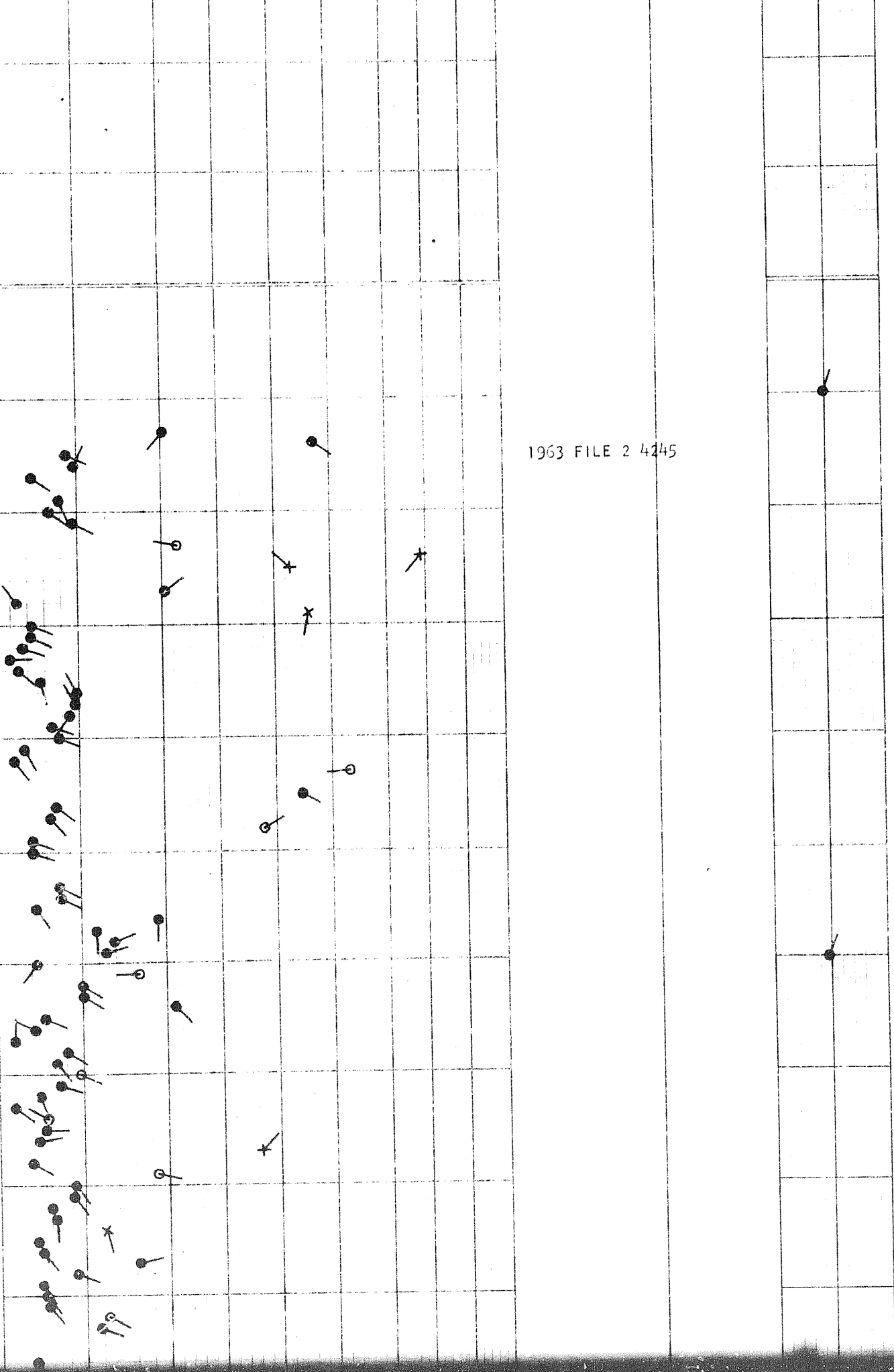


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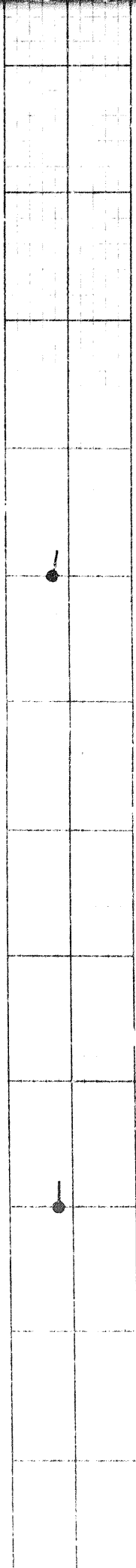
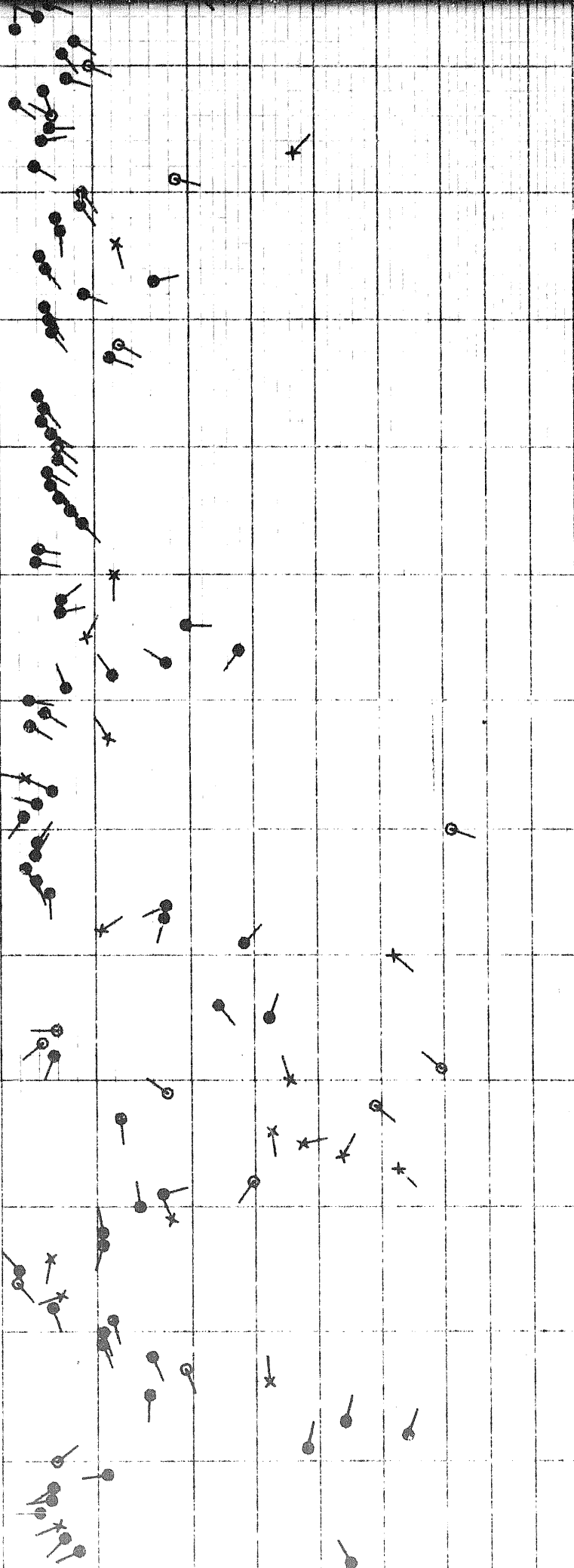
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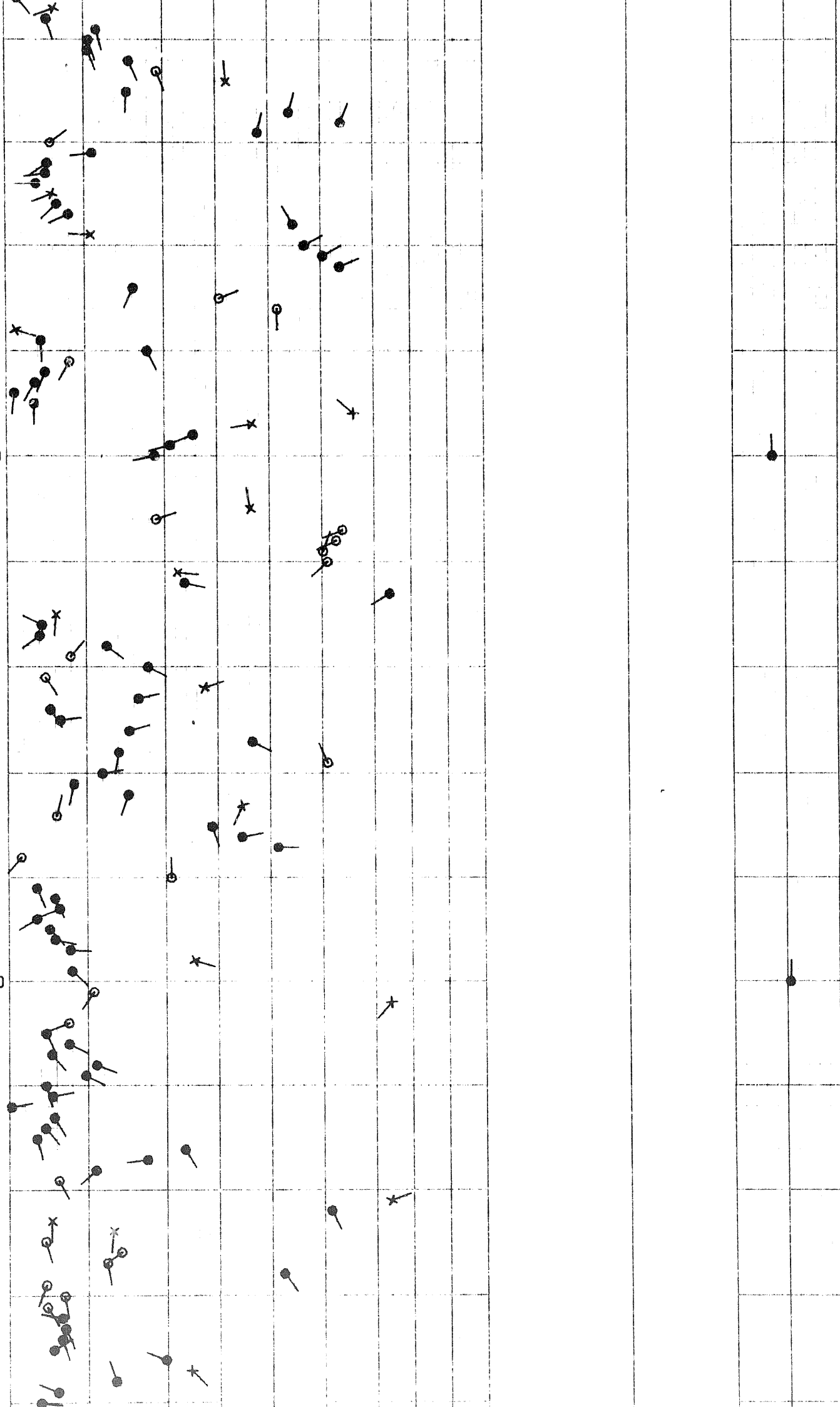
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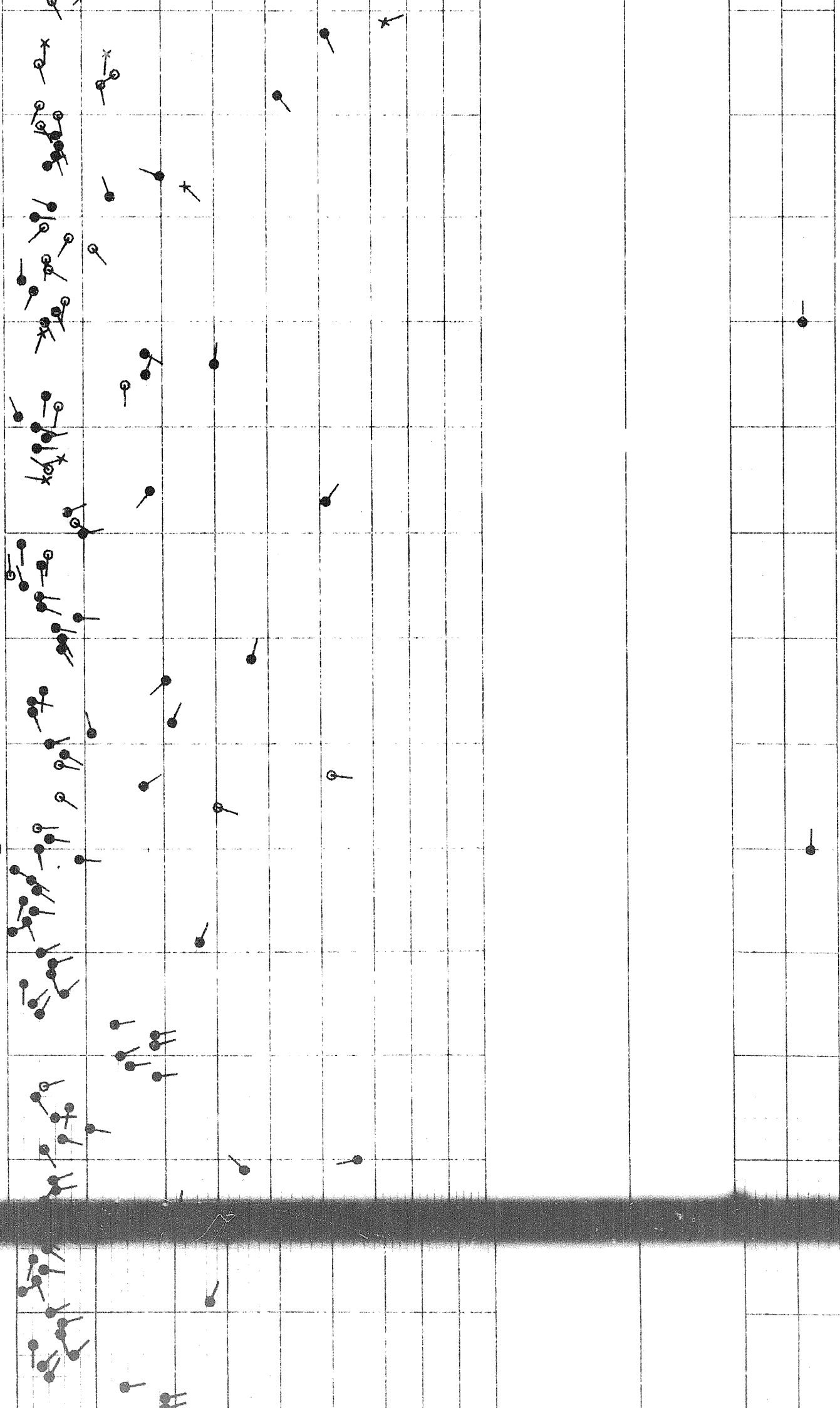
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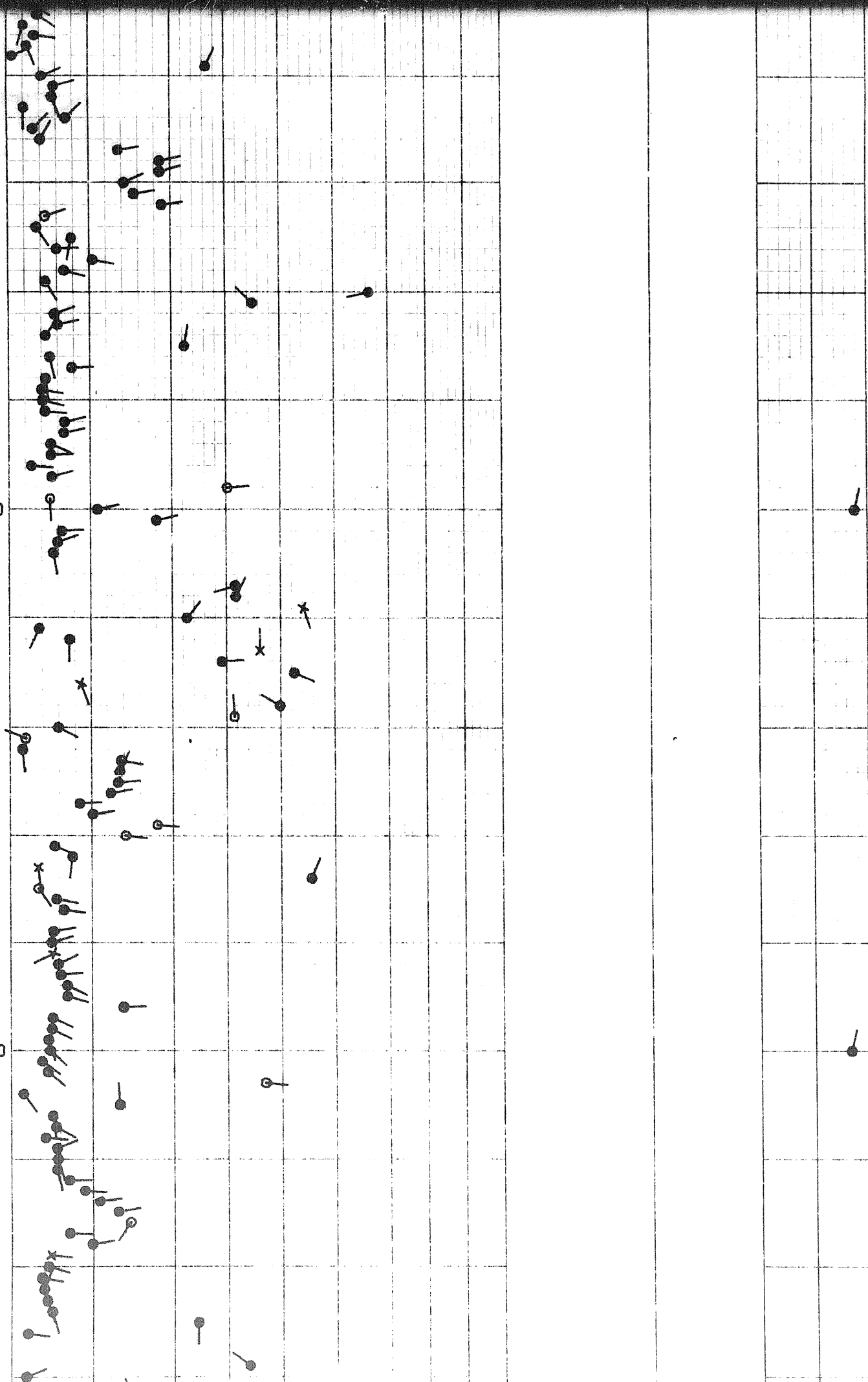
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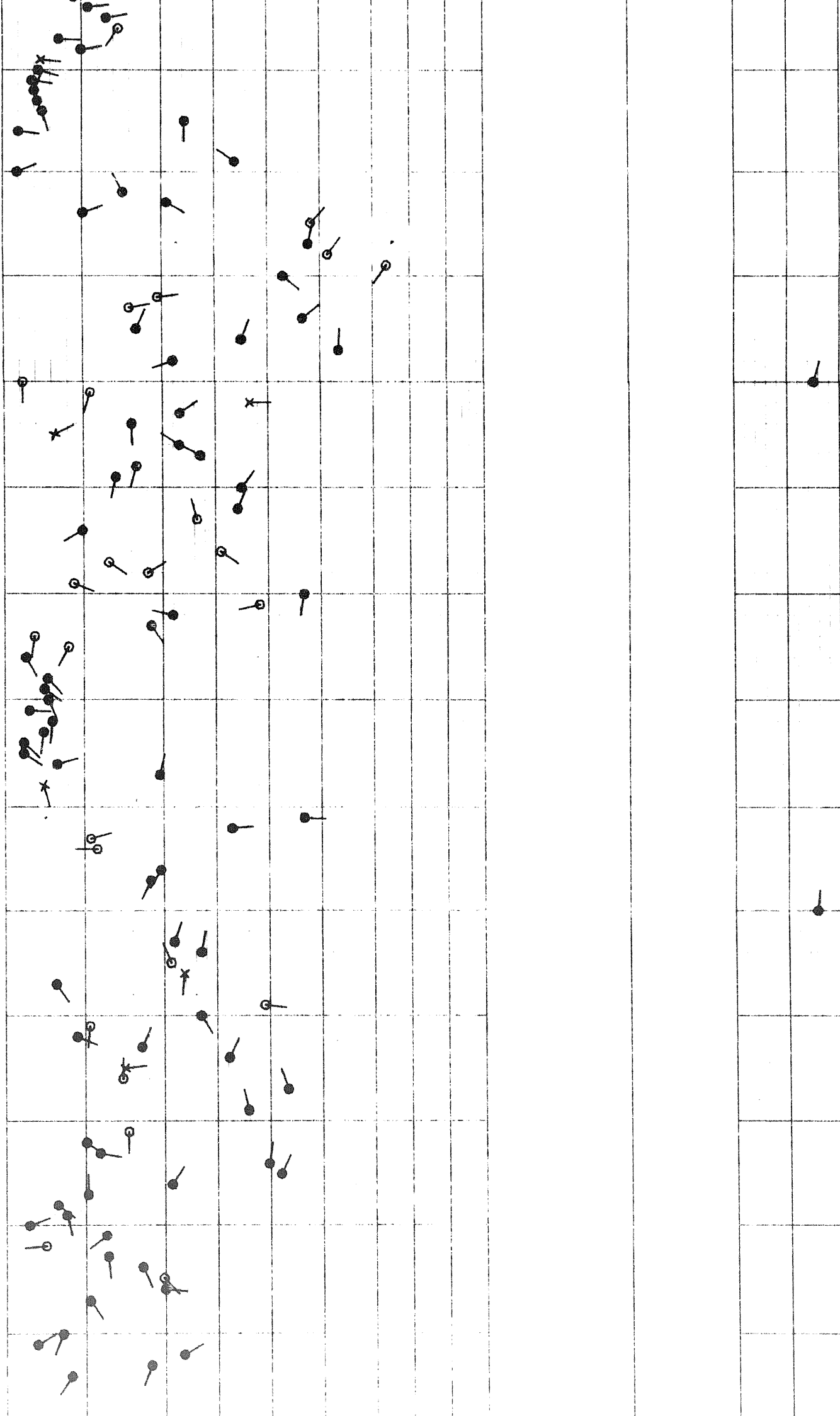
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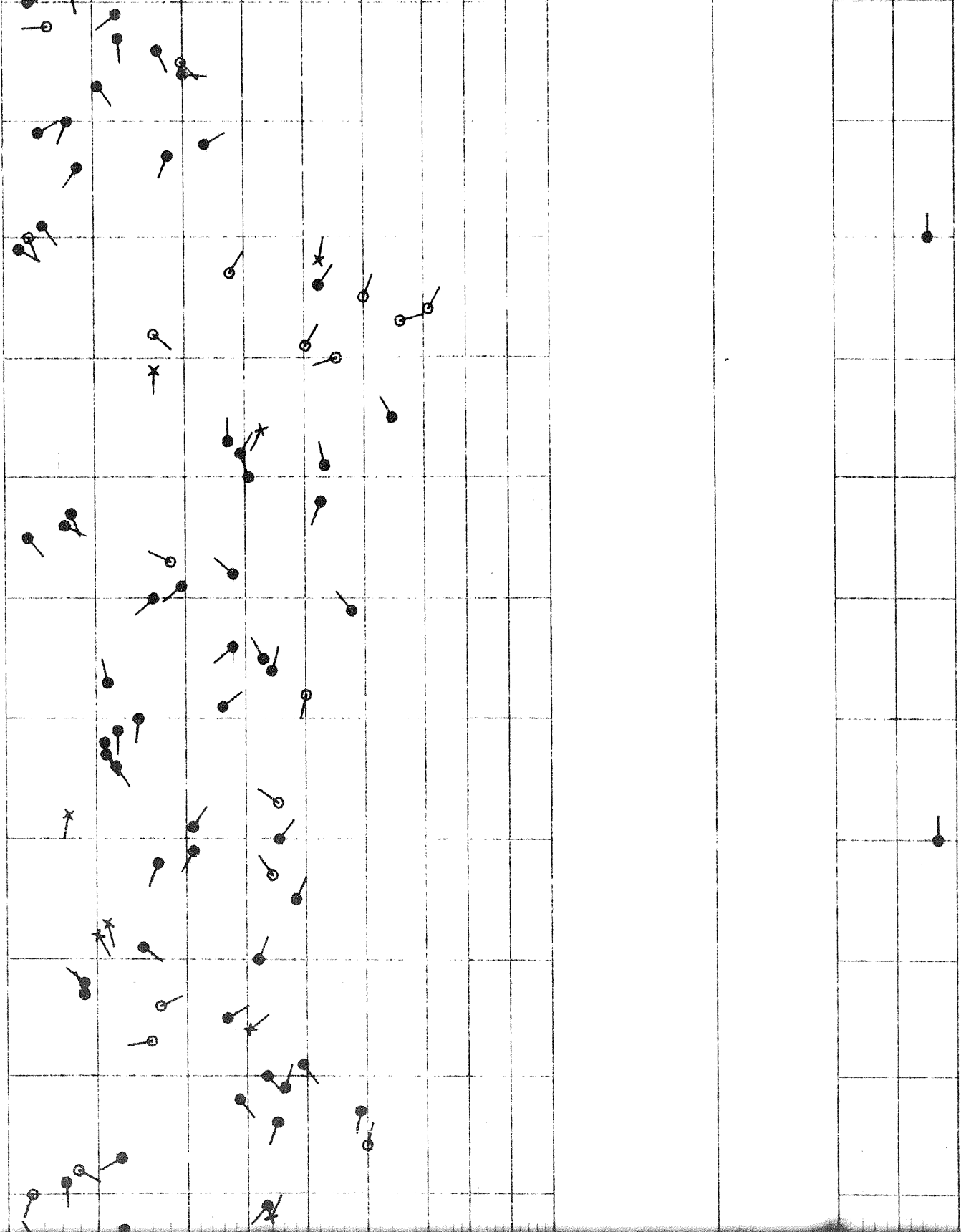
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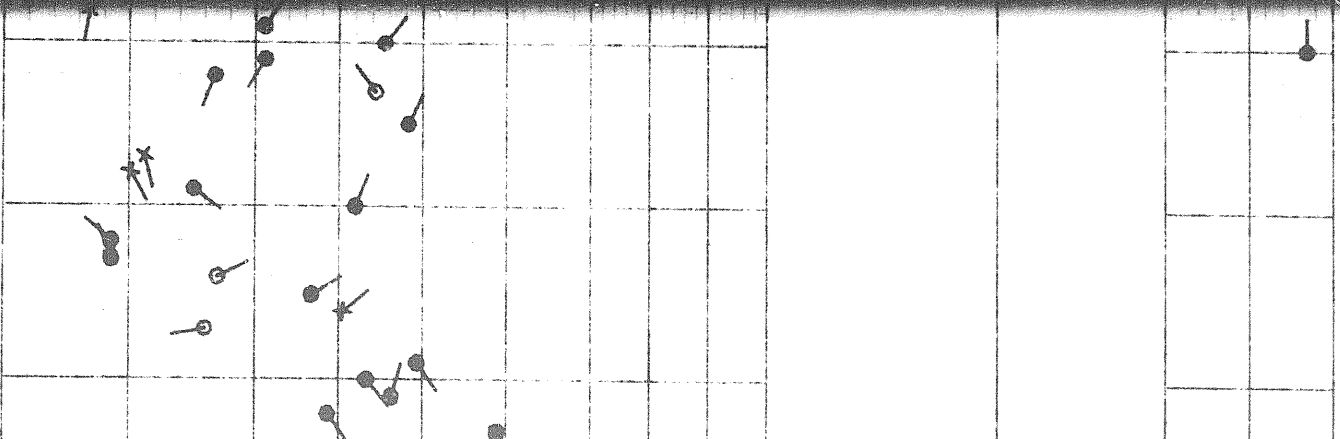


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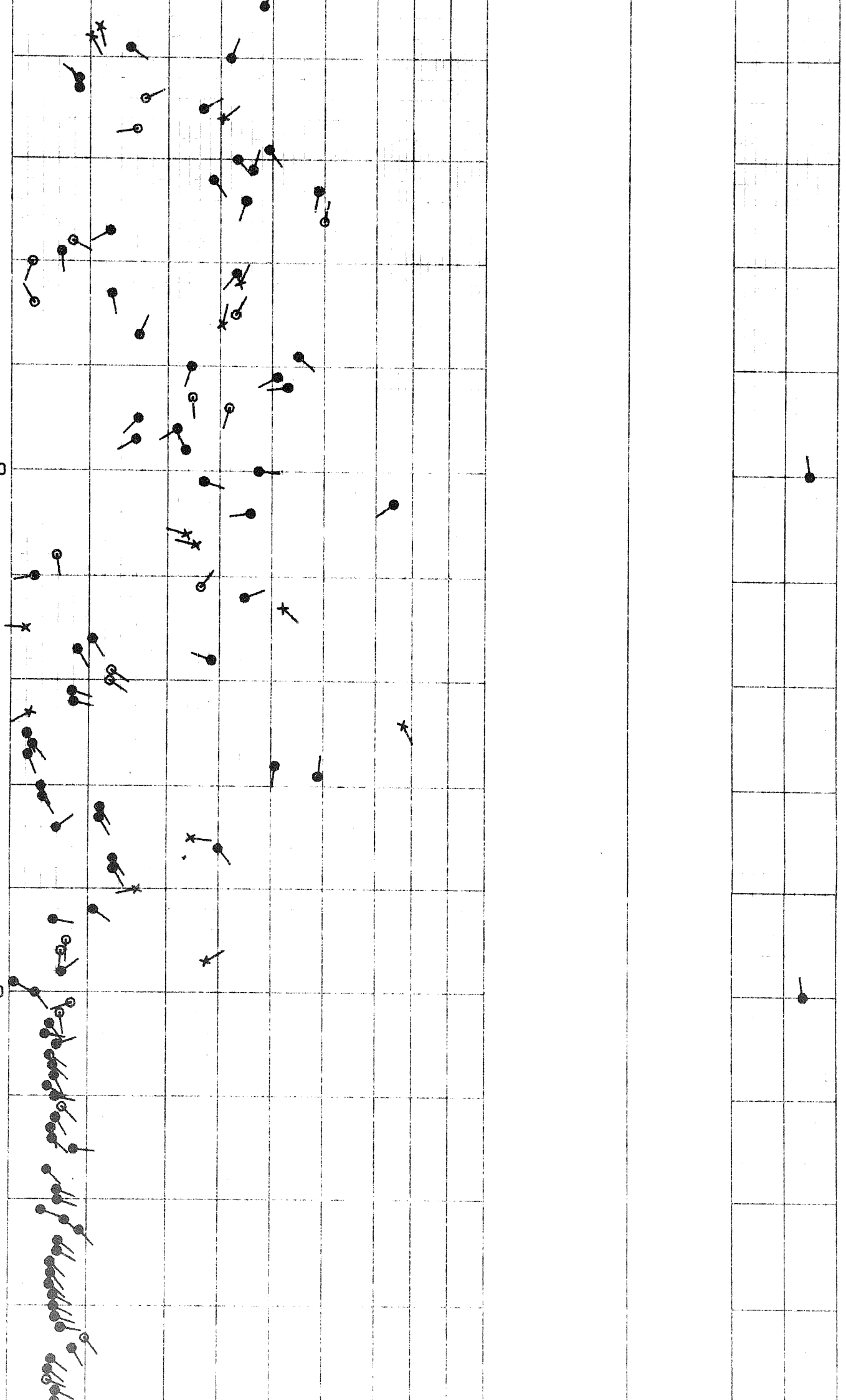
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107

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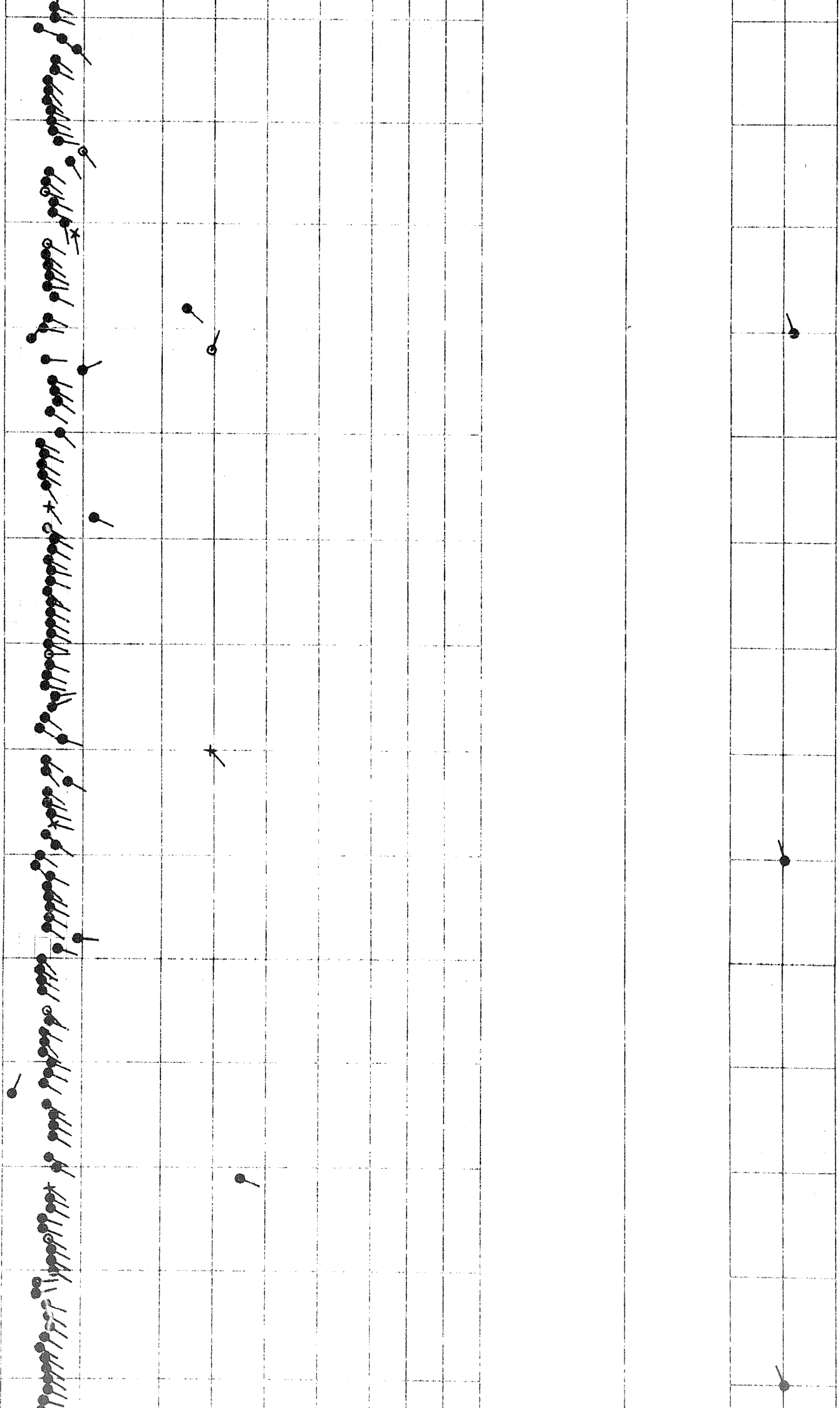
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3800

3900

3200

1963 FILE 1 10530

3900

3200

1963 FILE 1 10530

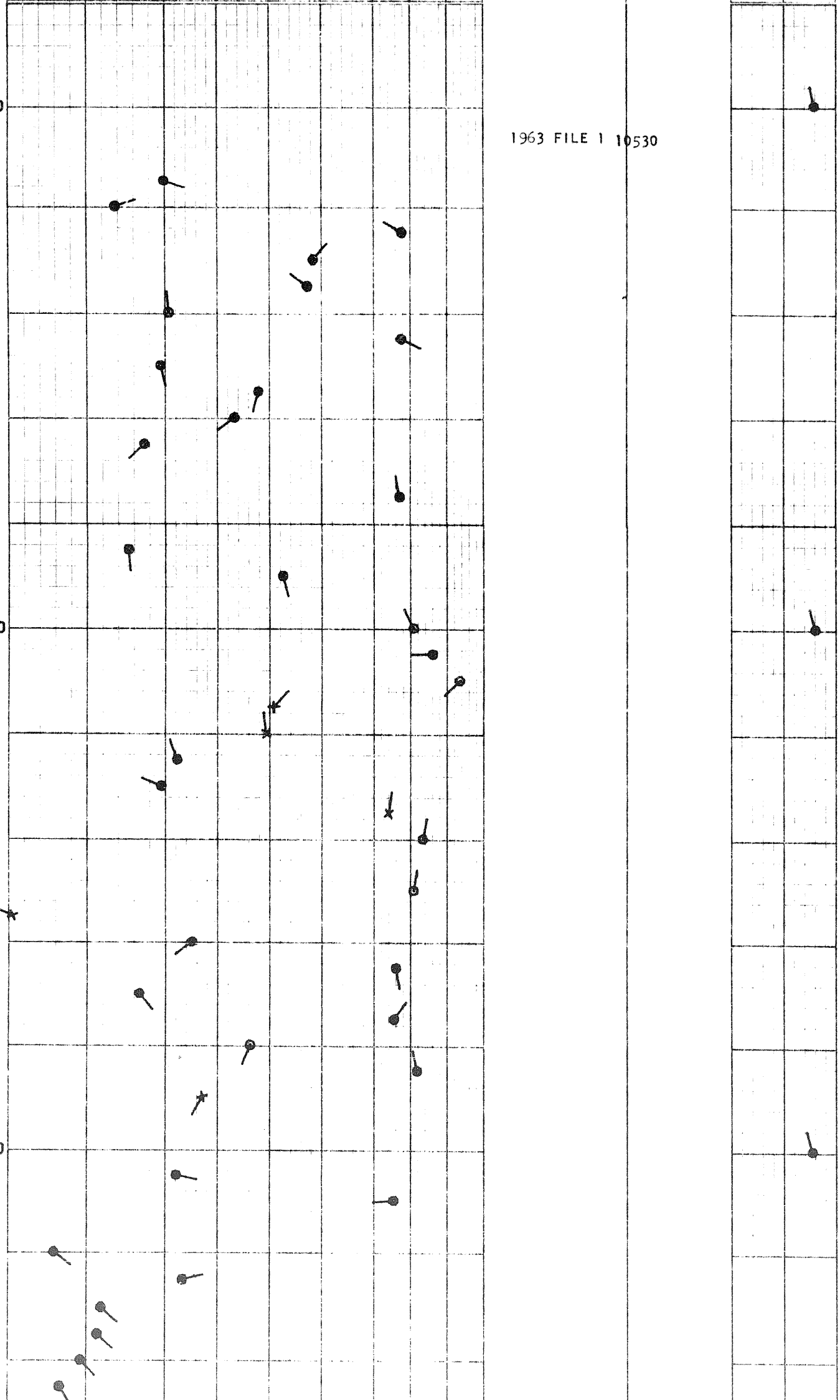
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1963 FILE 1 10530

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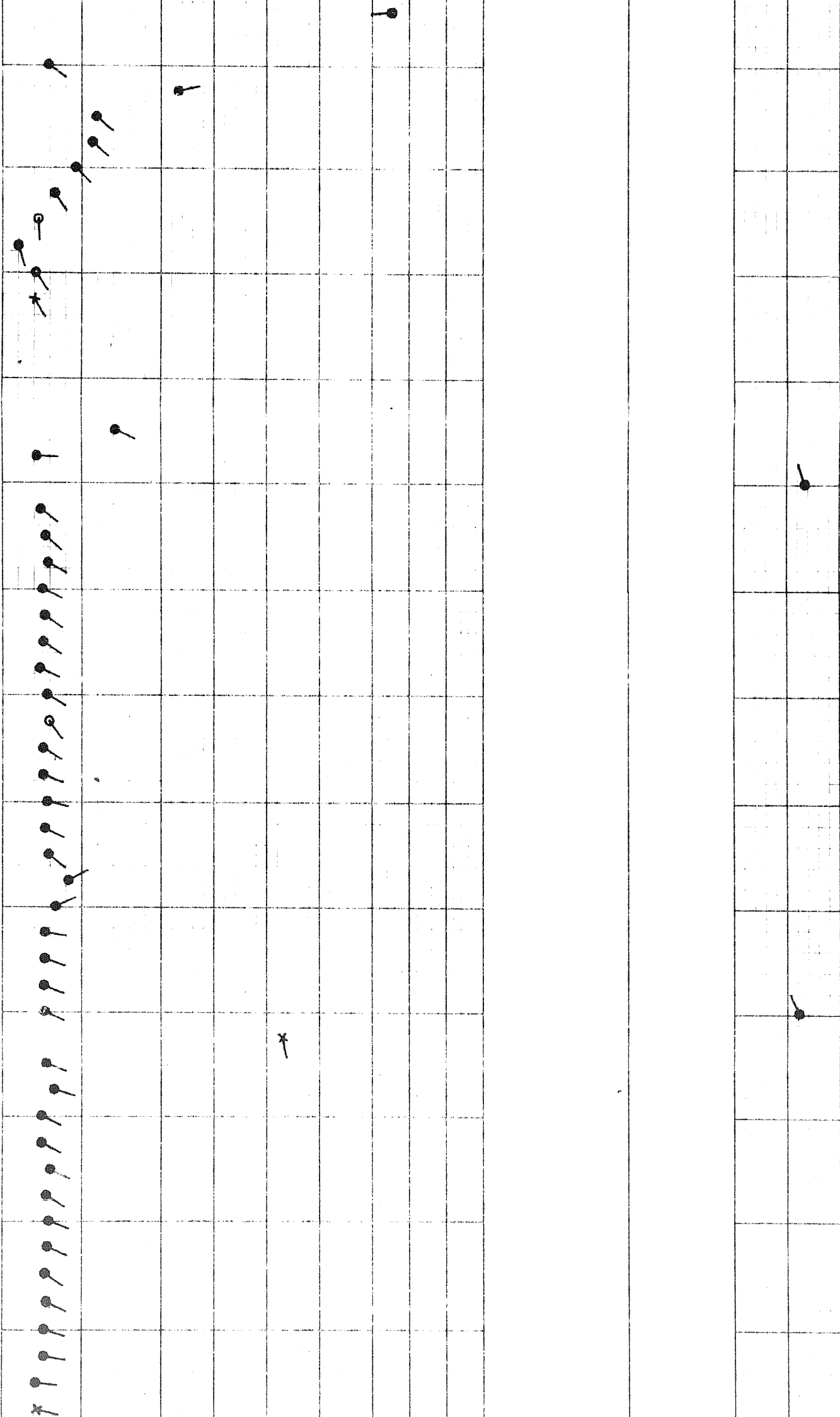
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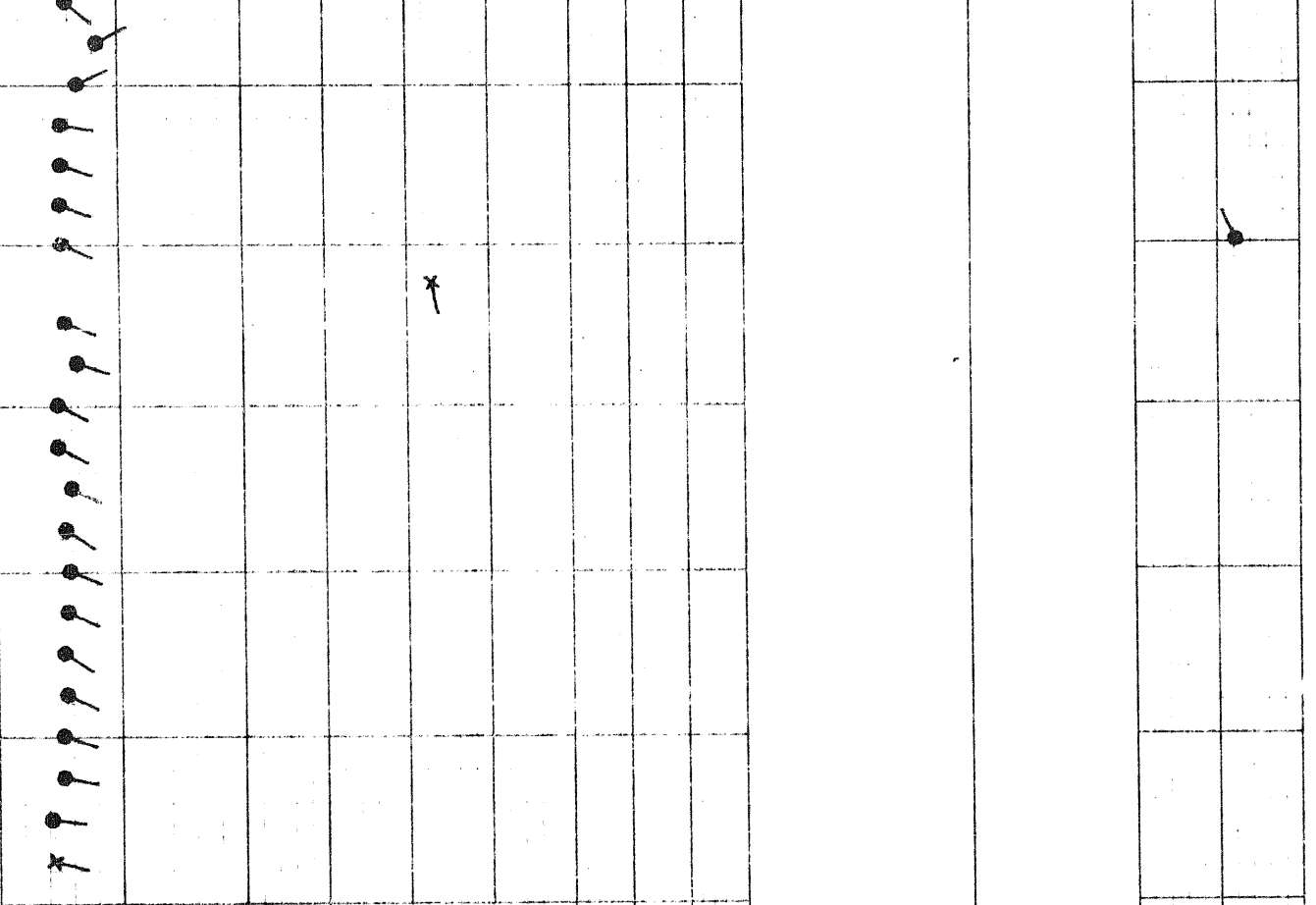


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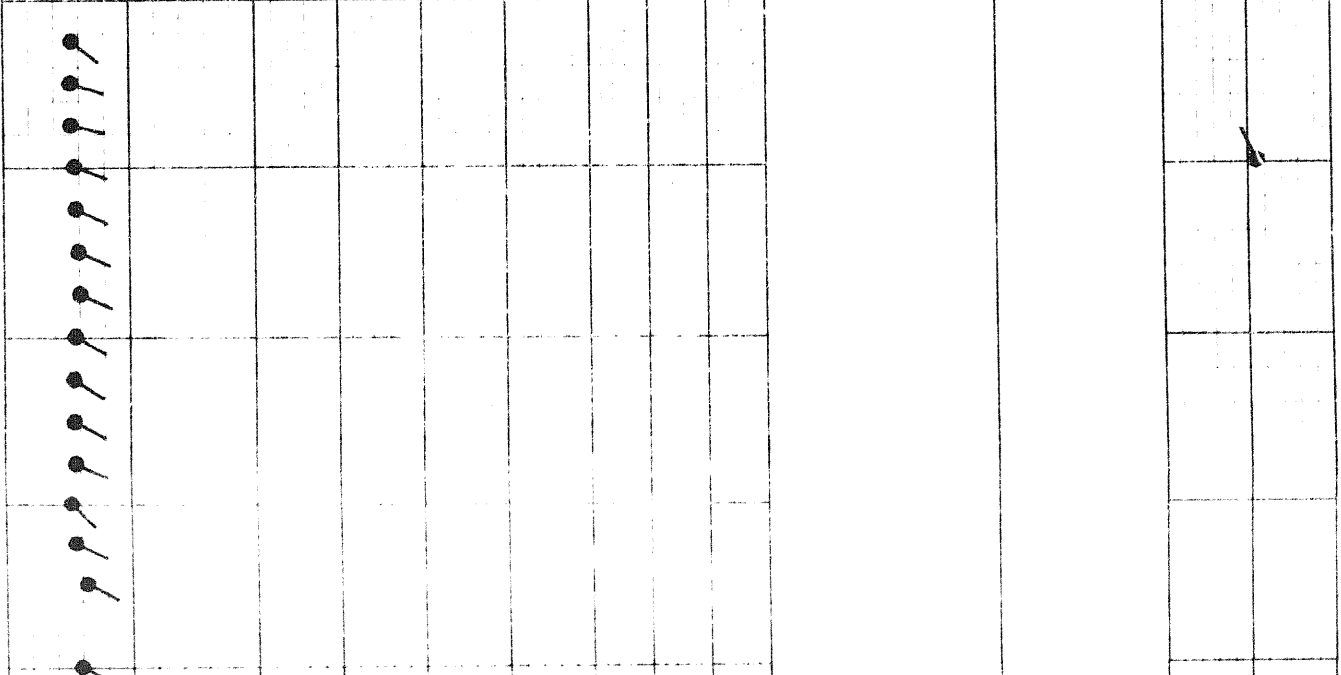
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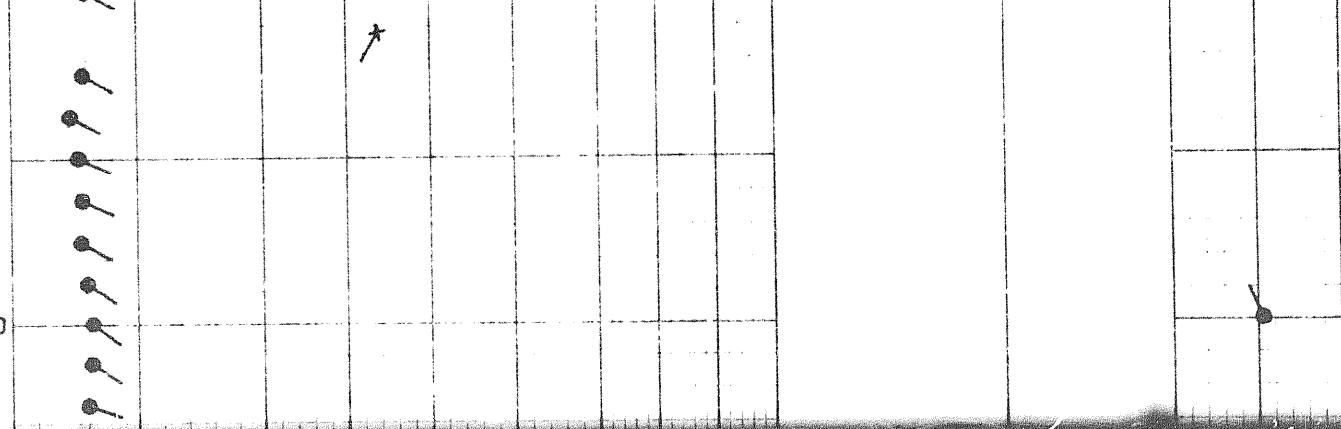
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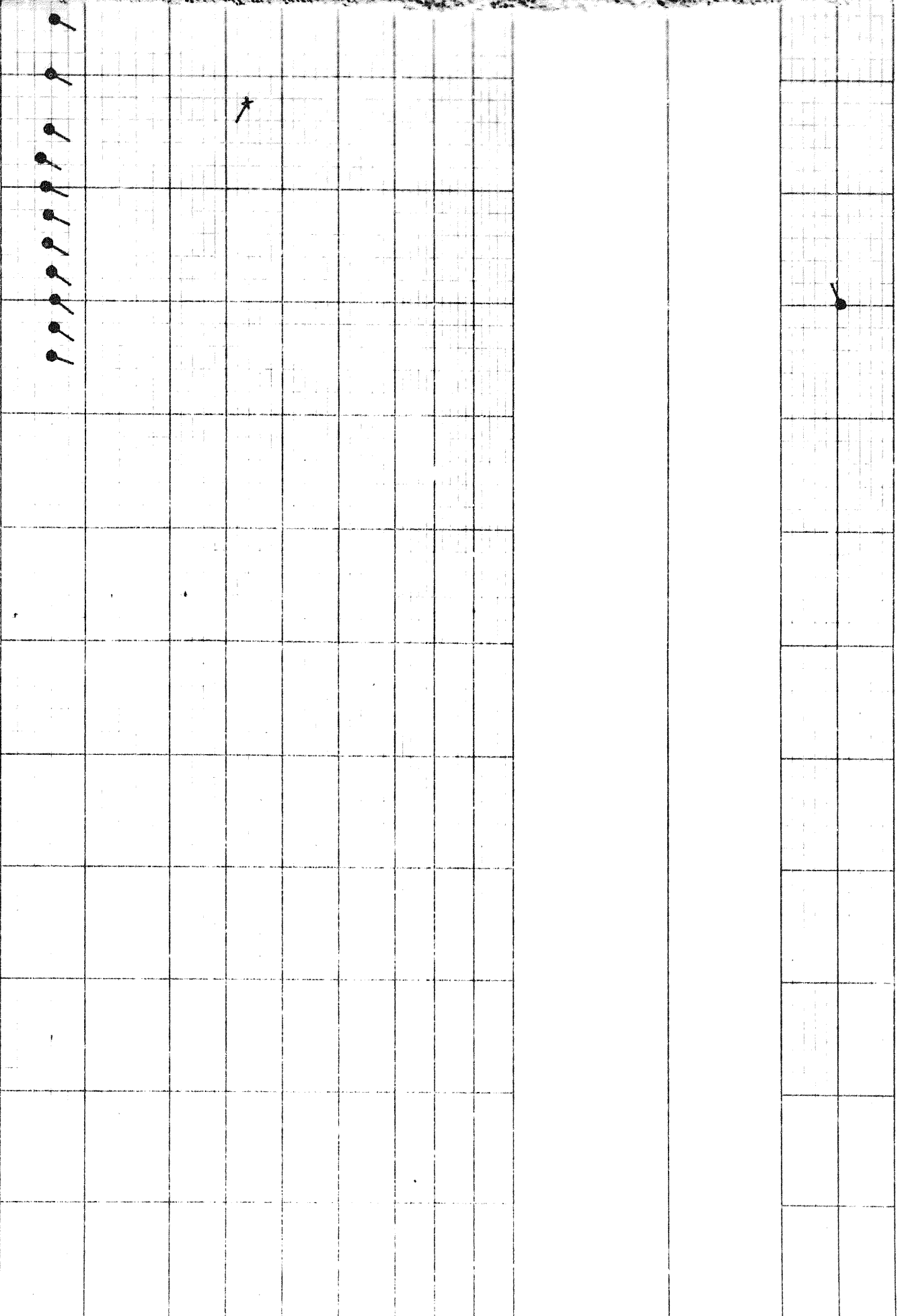


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3800

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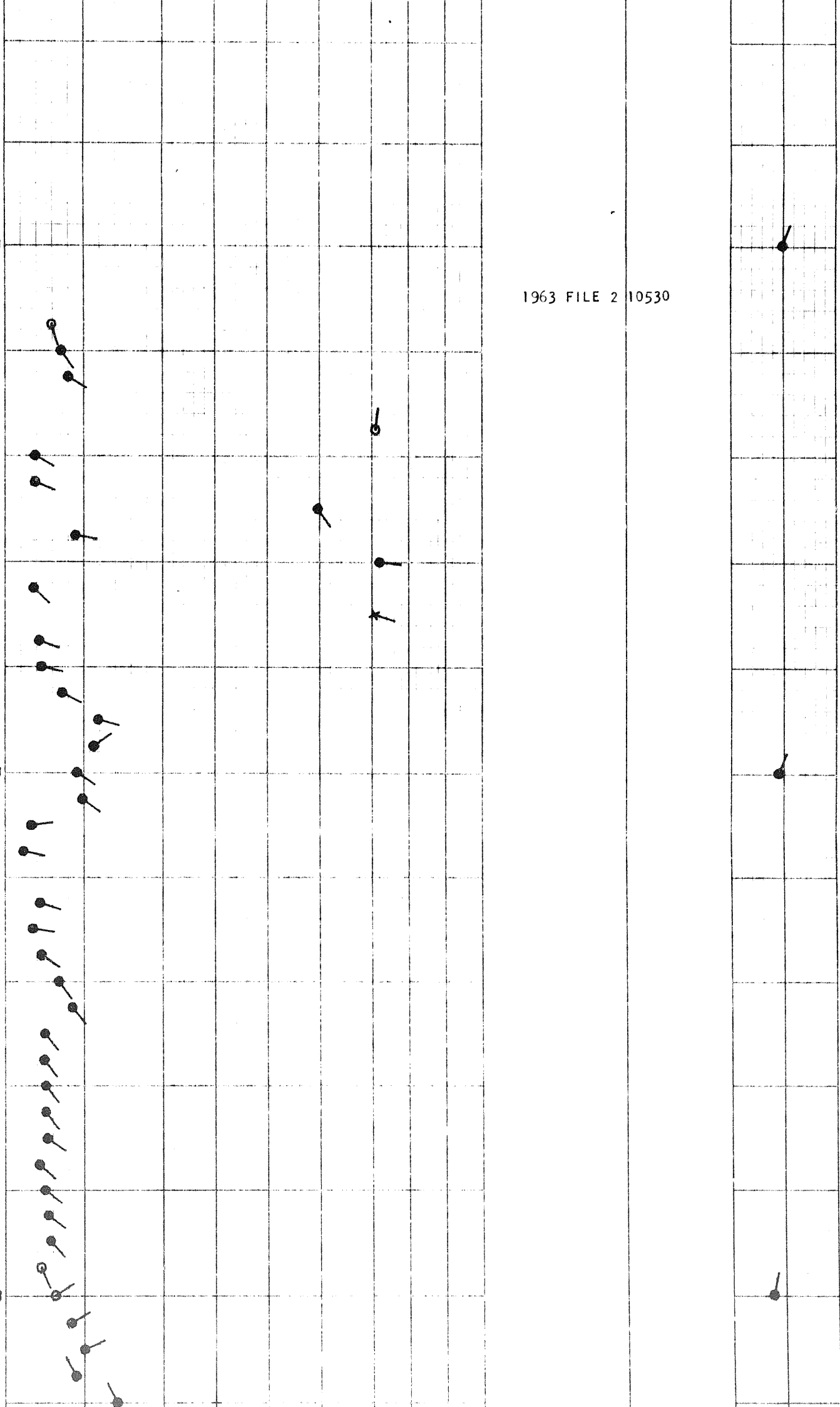
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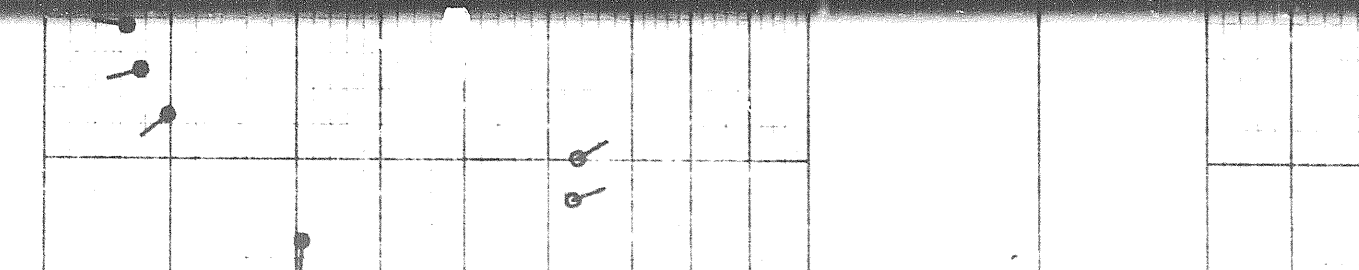
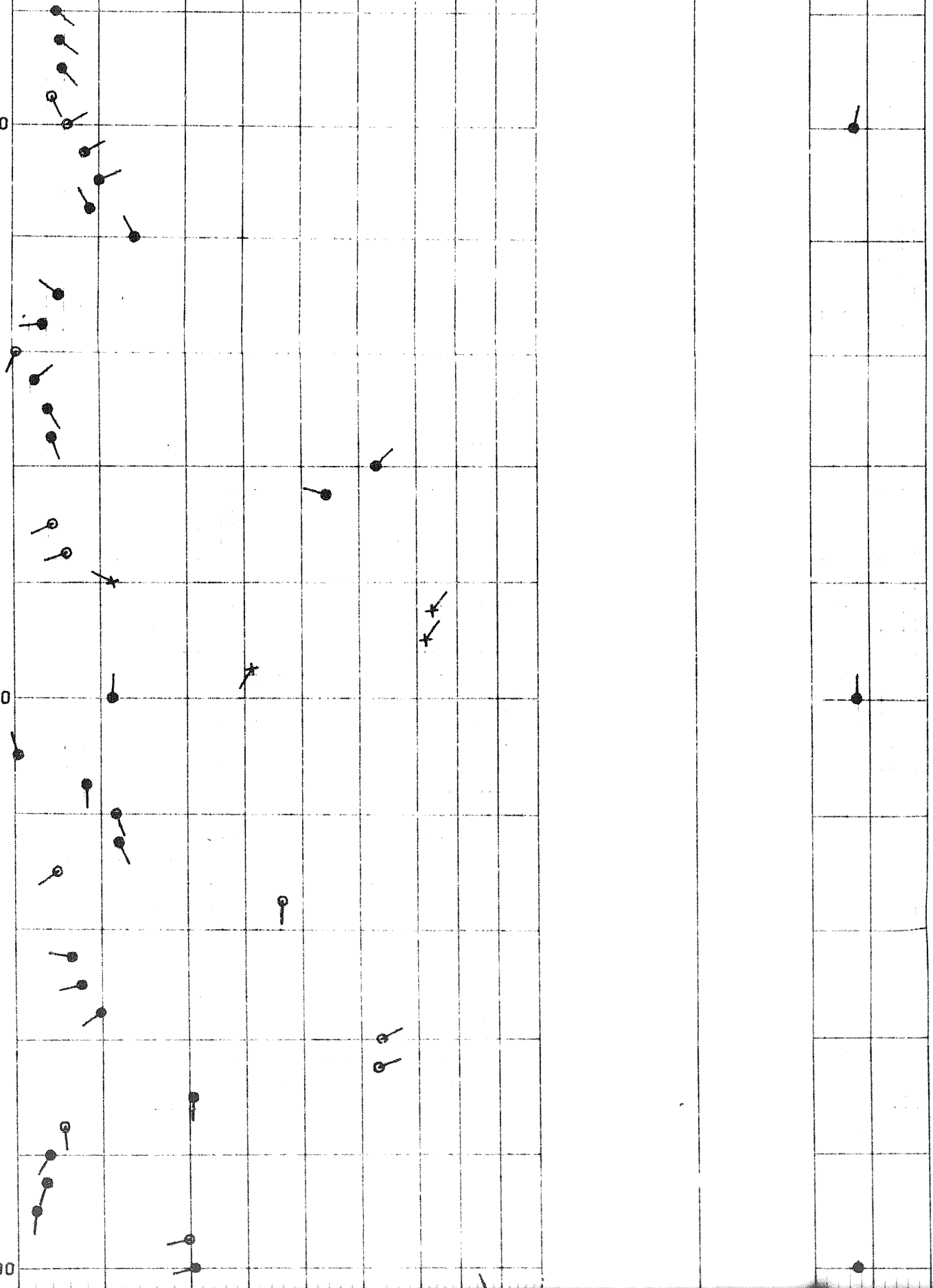
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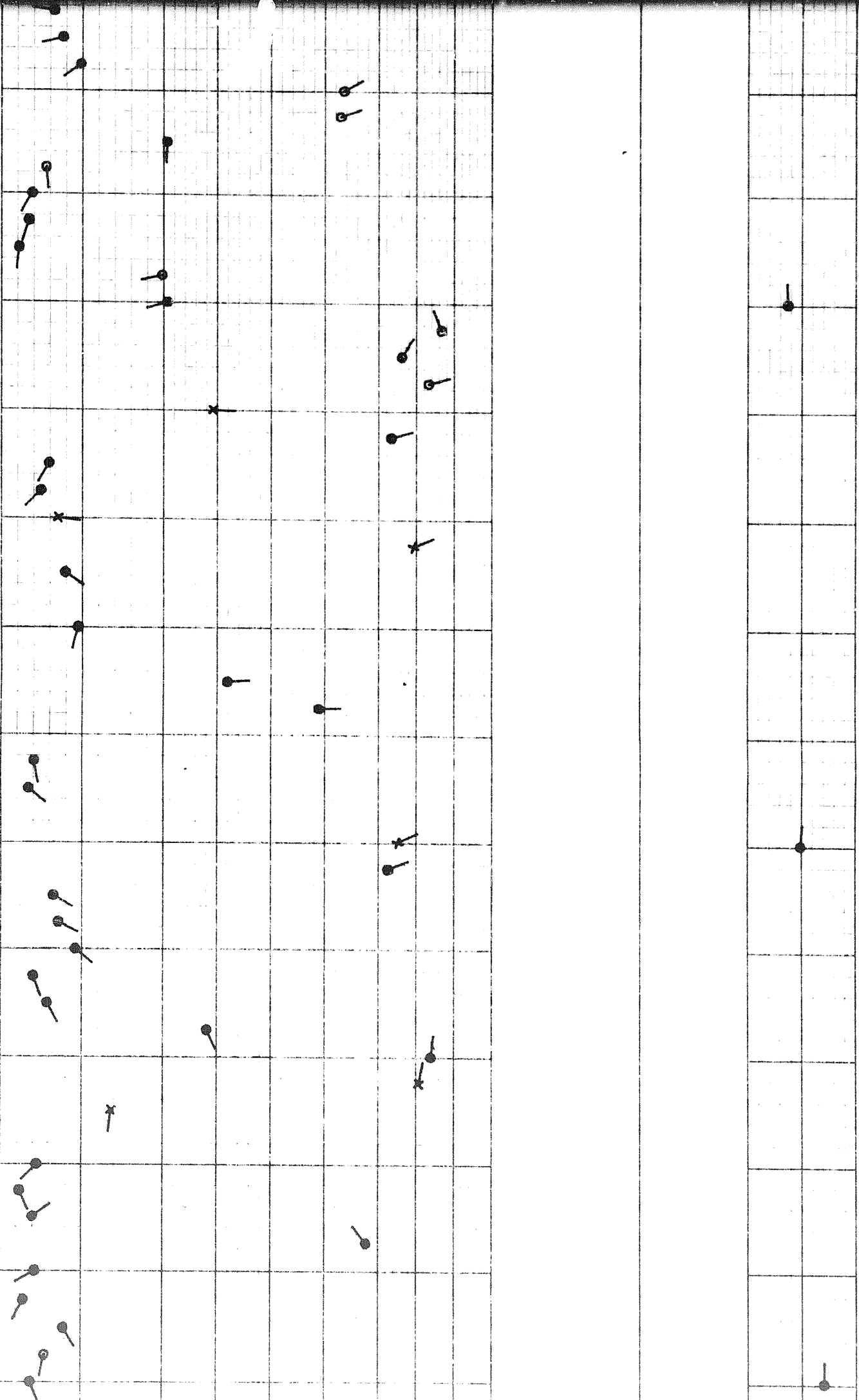


09/1

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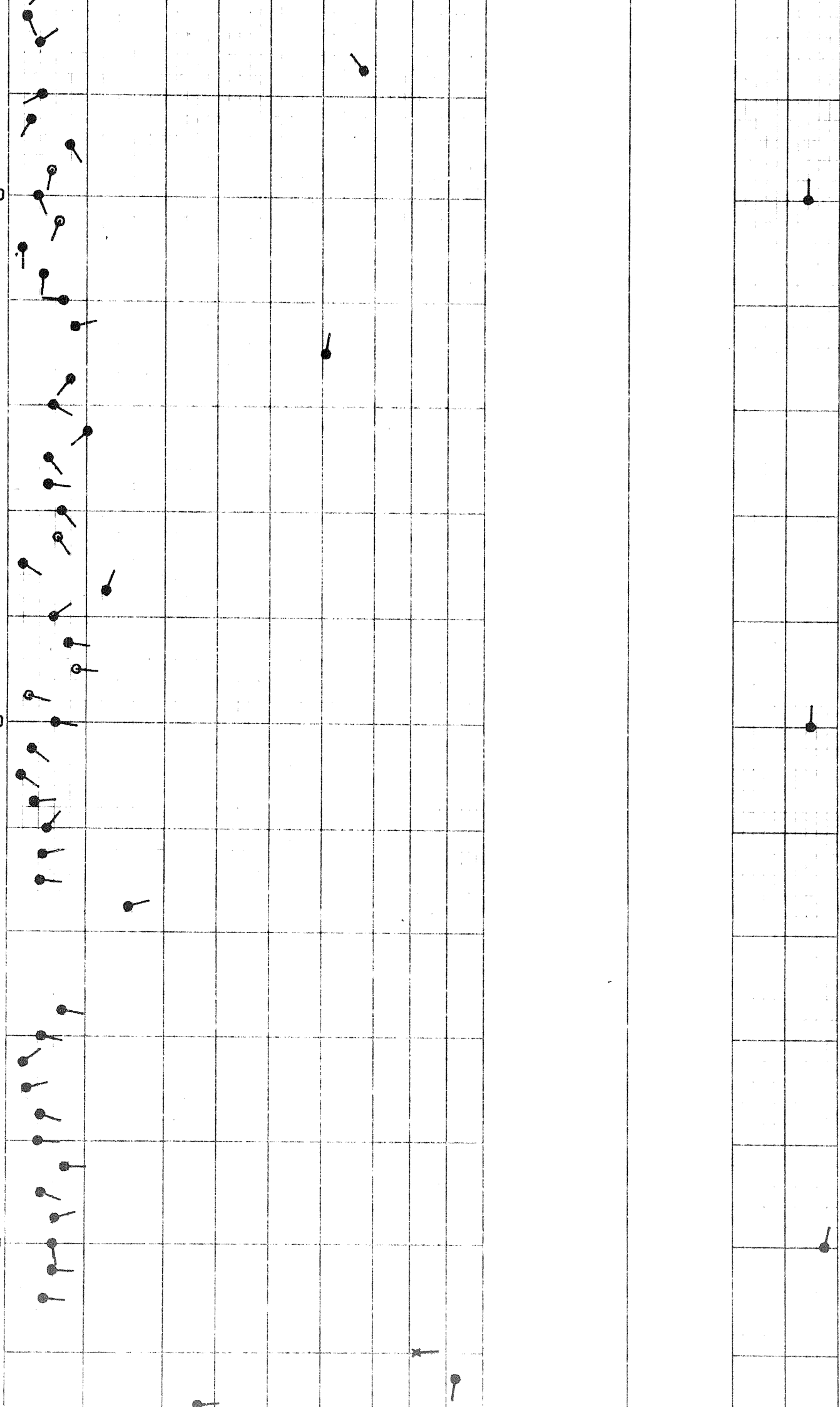
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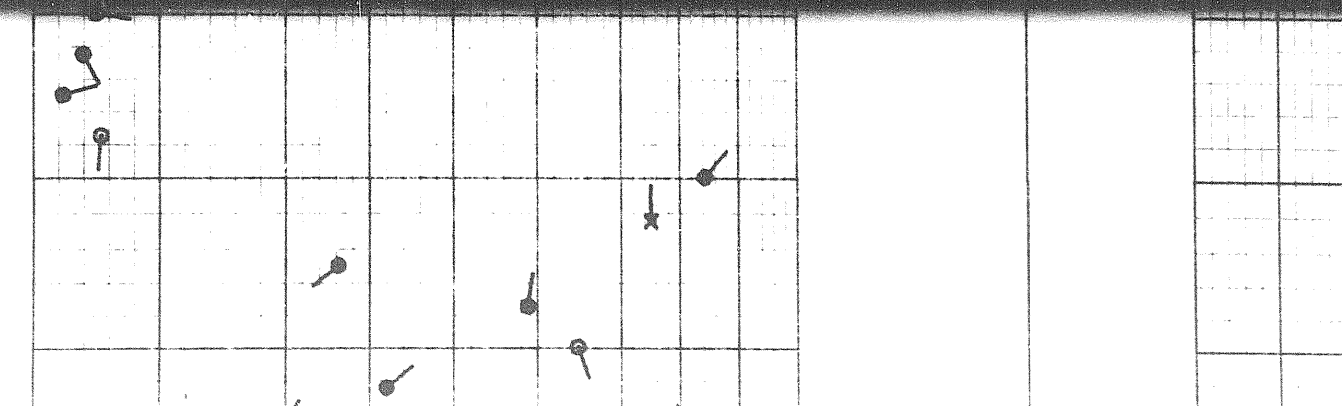
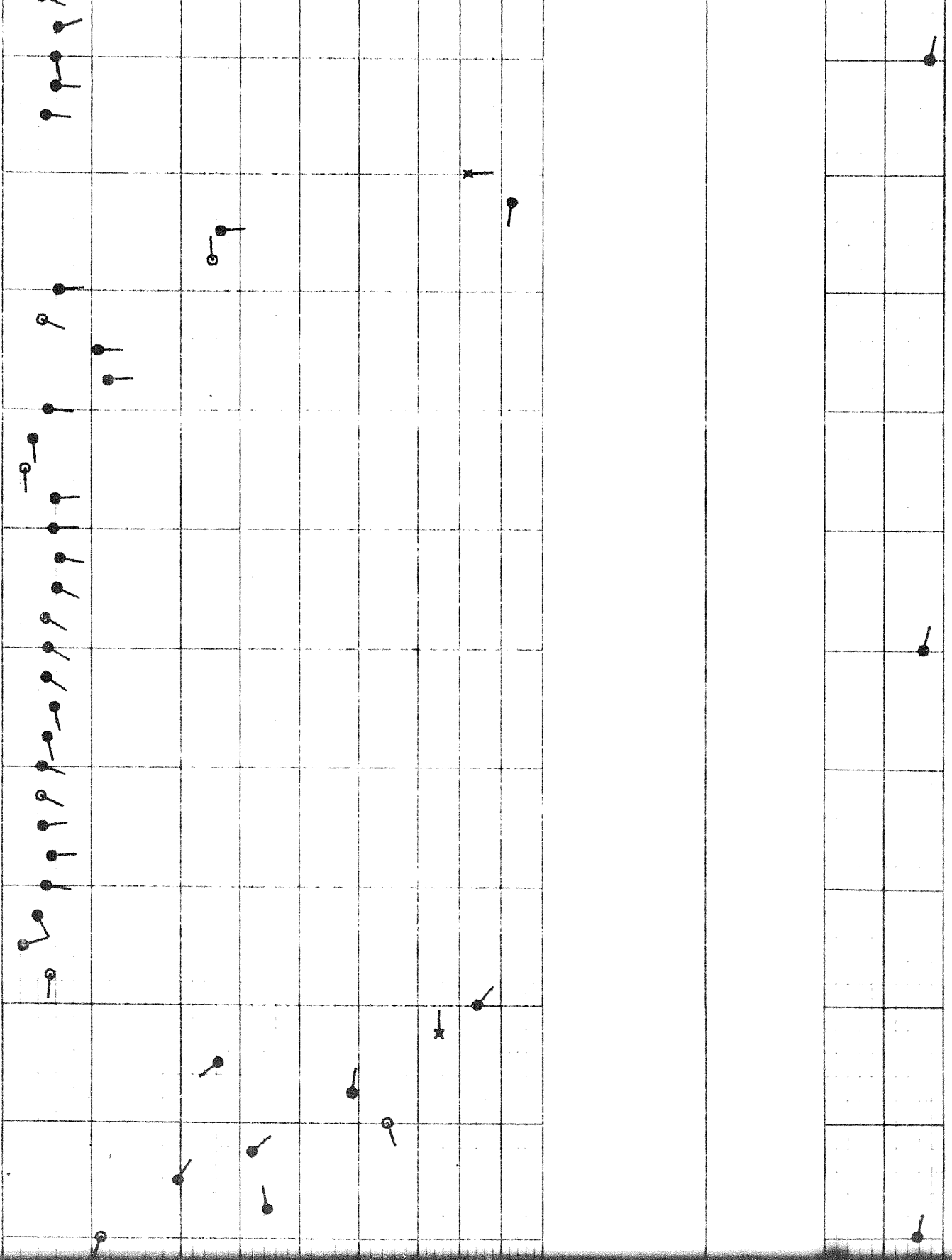
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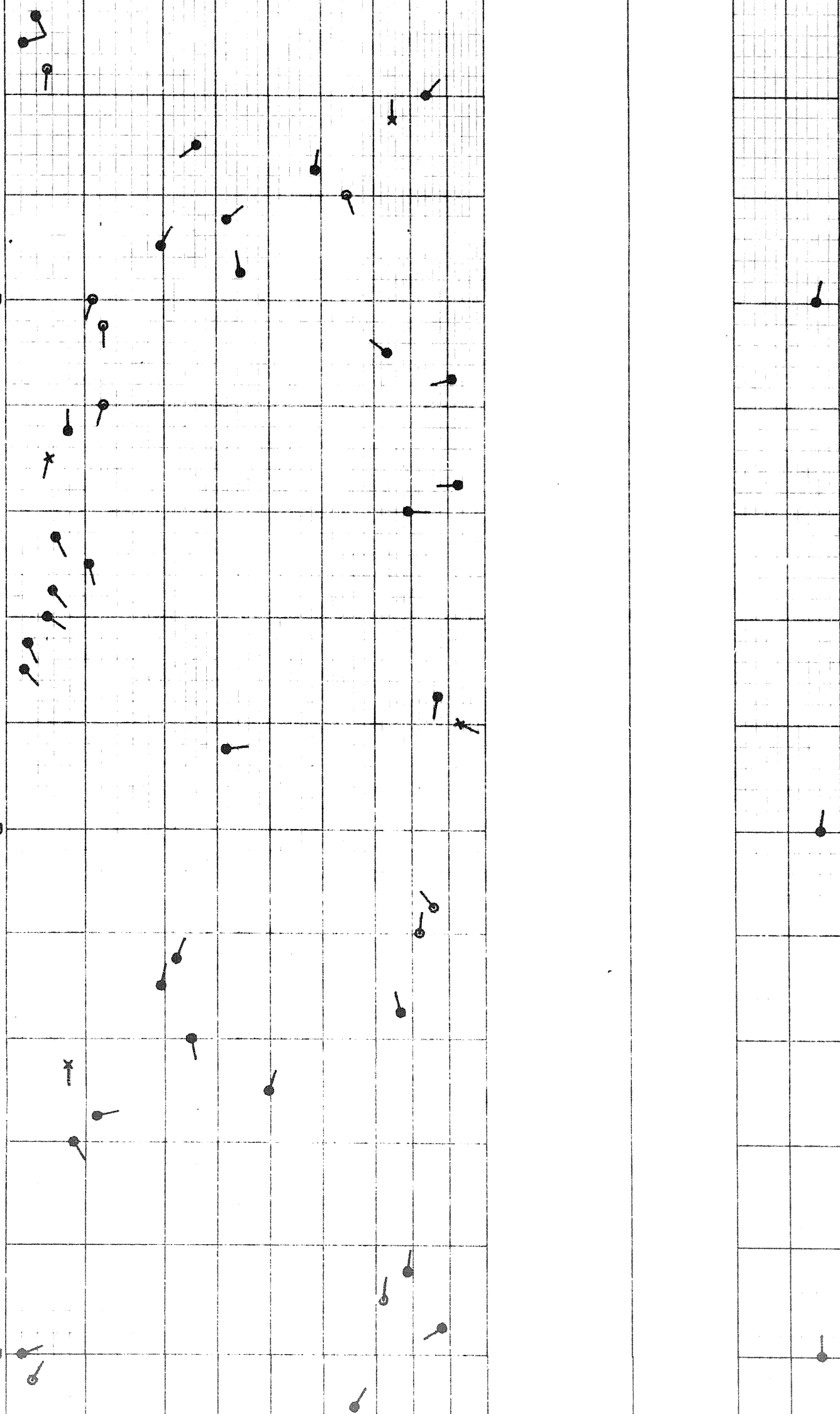
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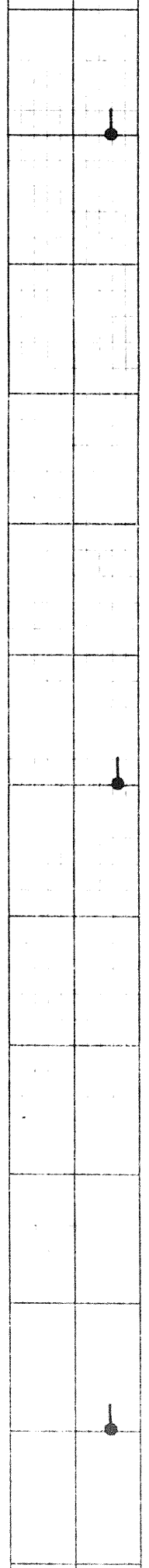
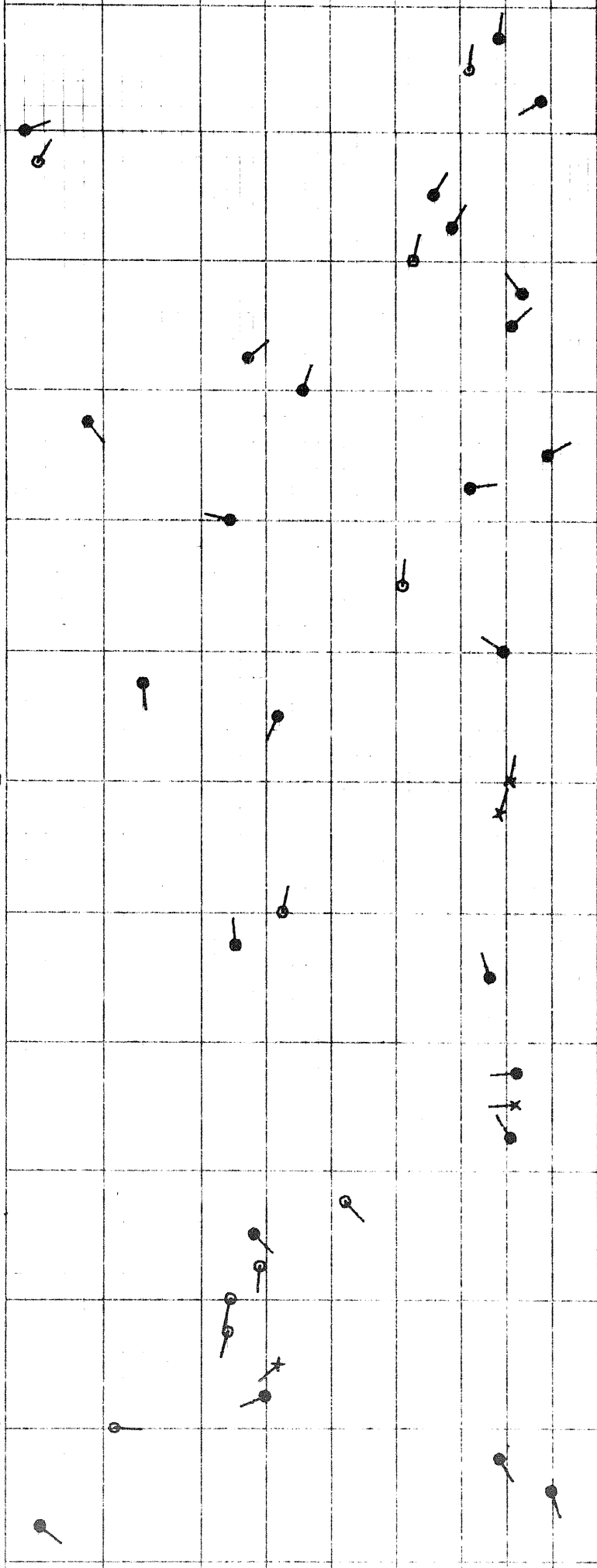
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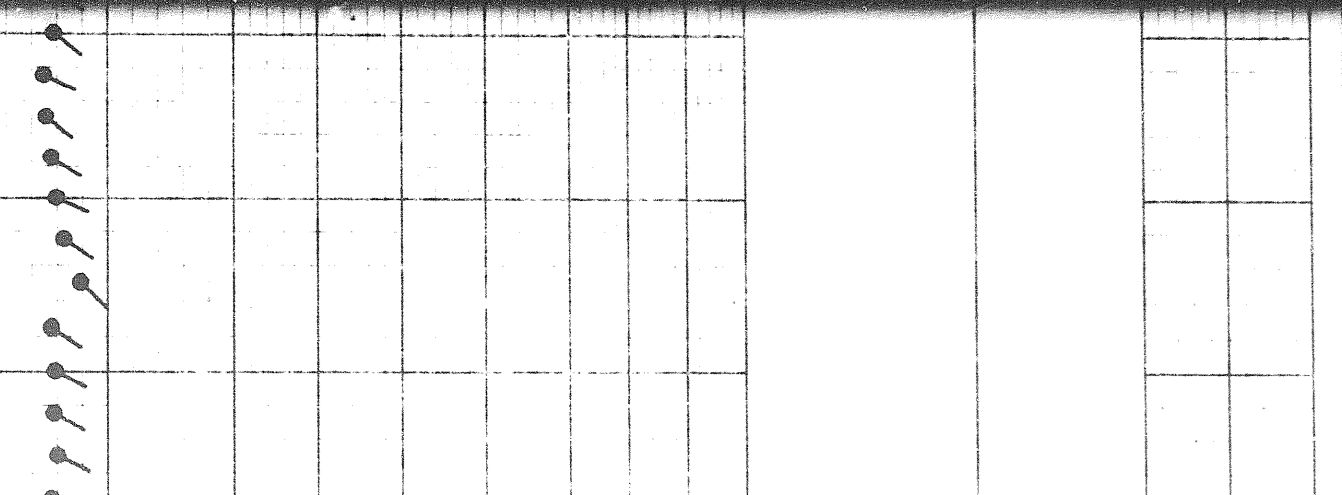
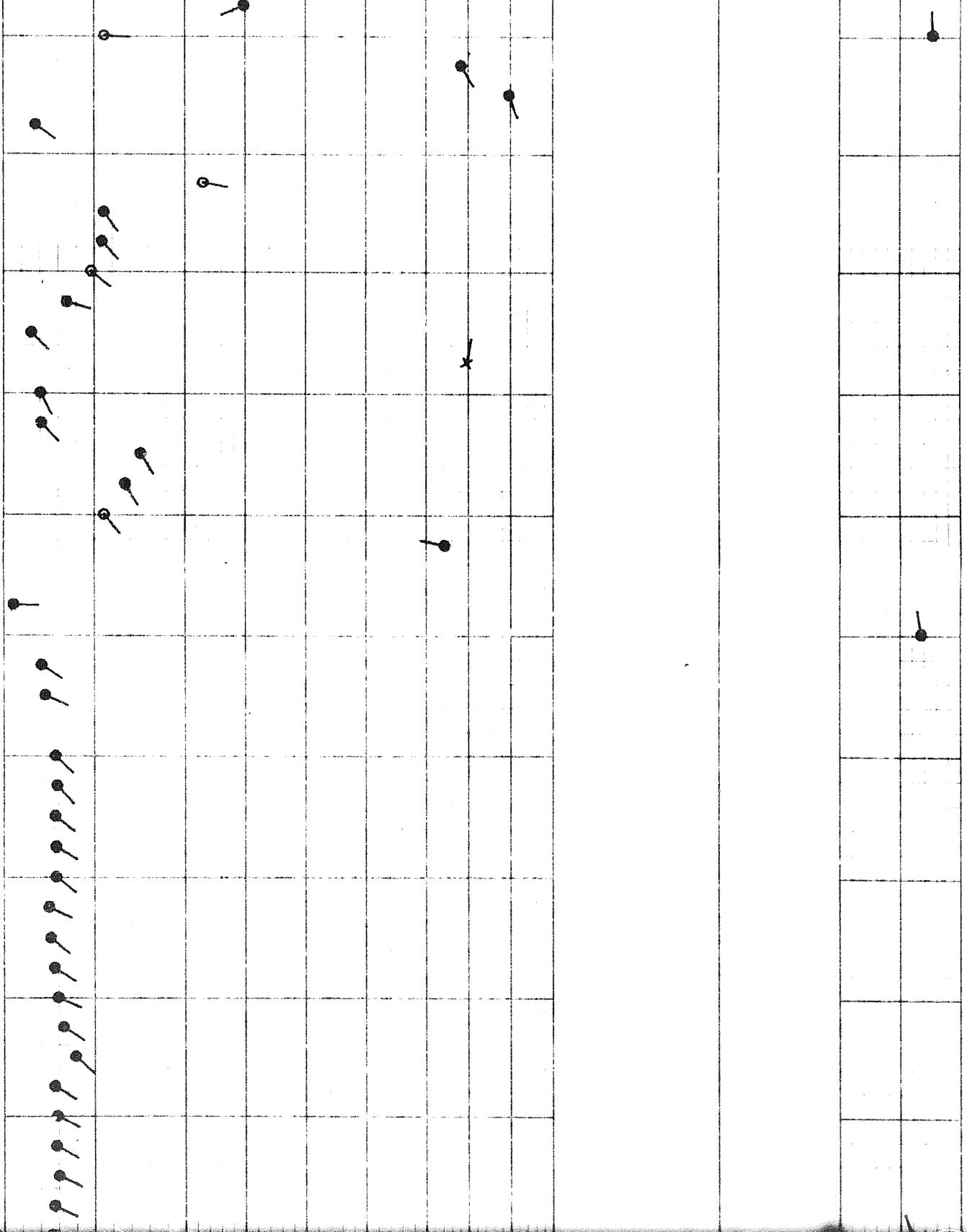
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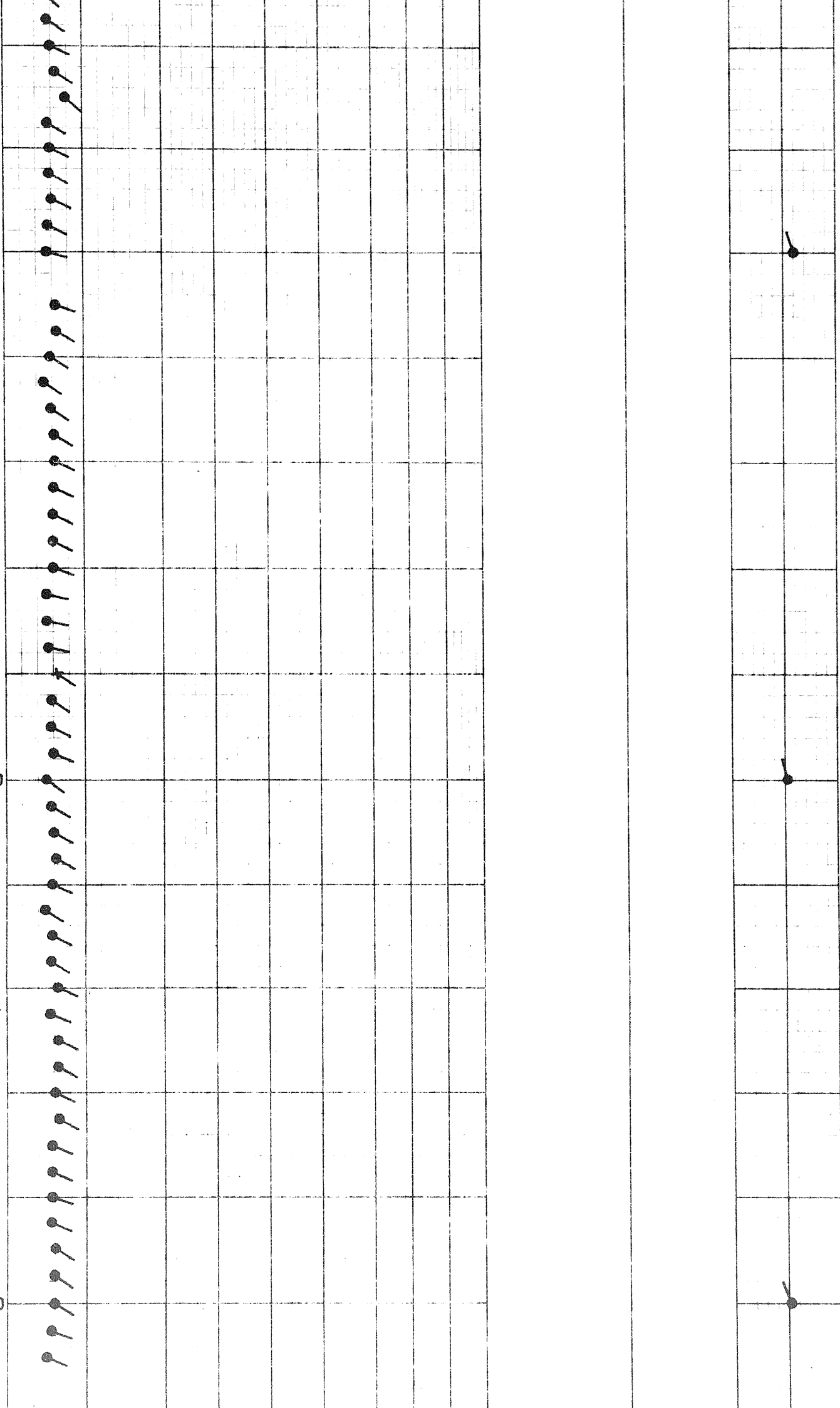




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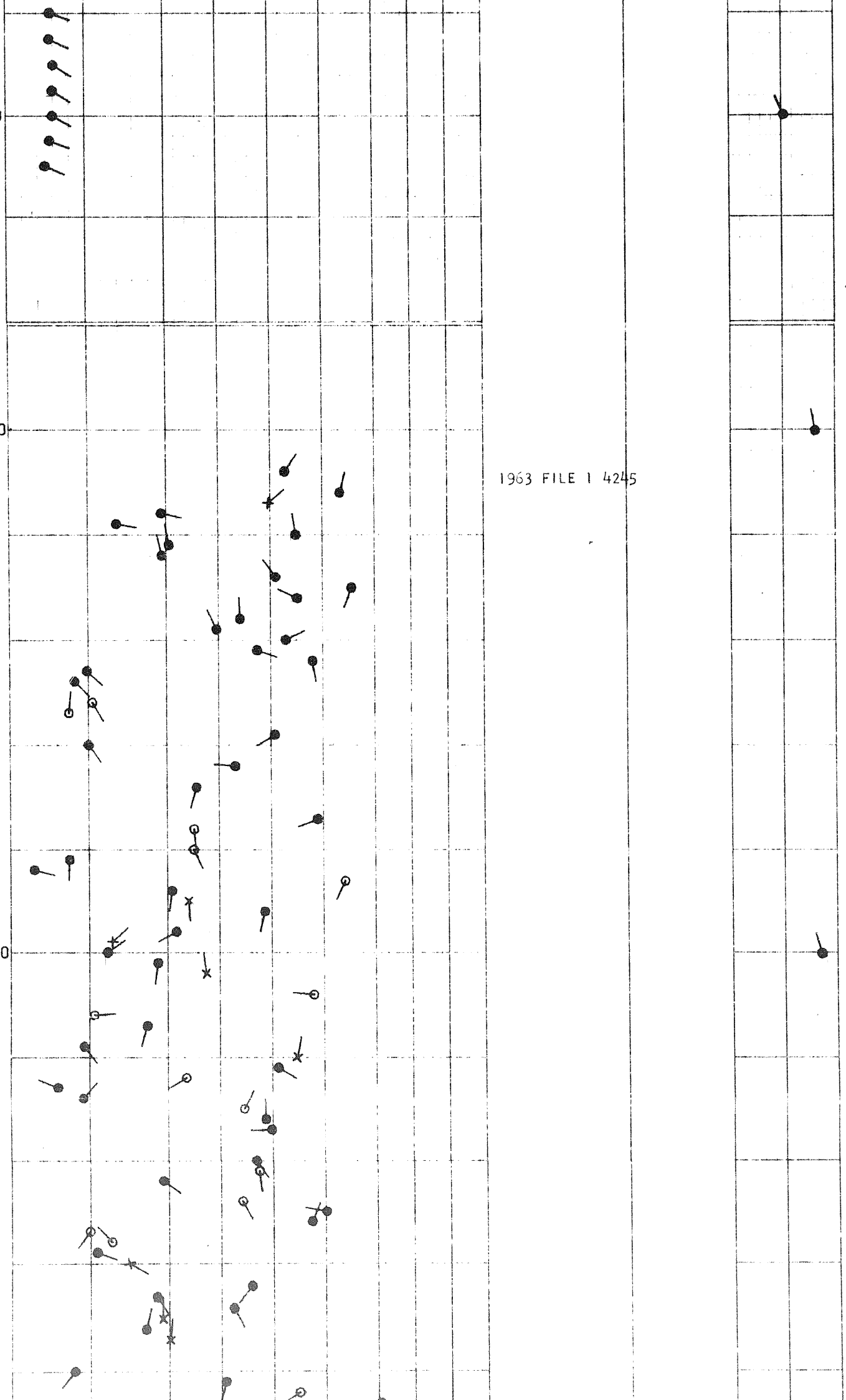


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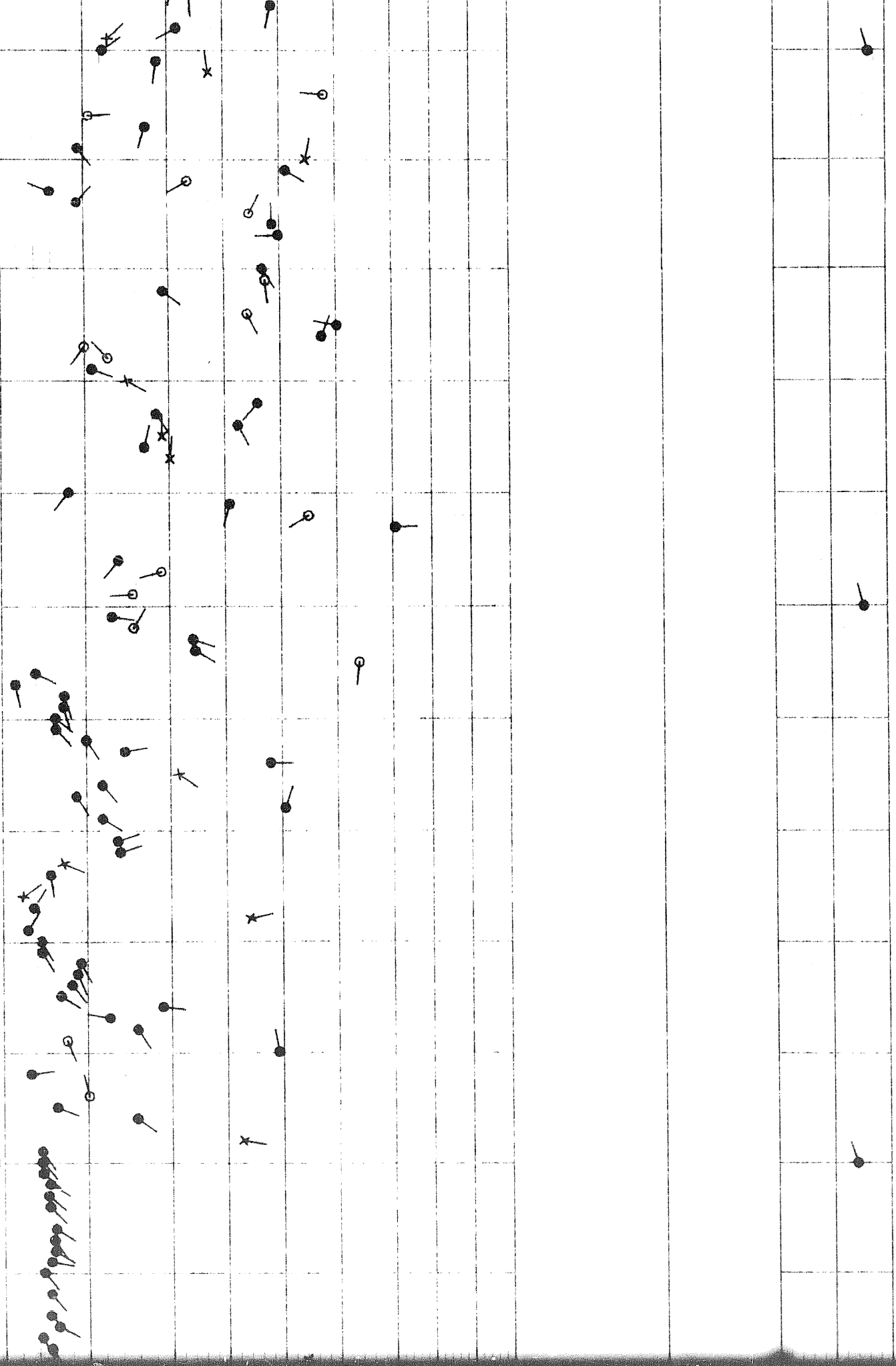
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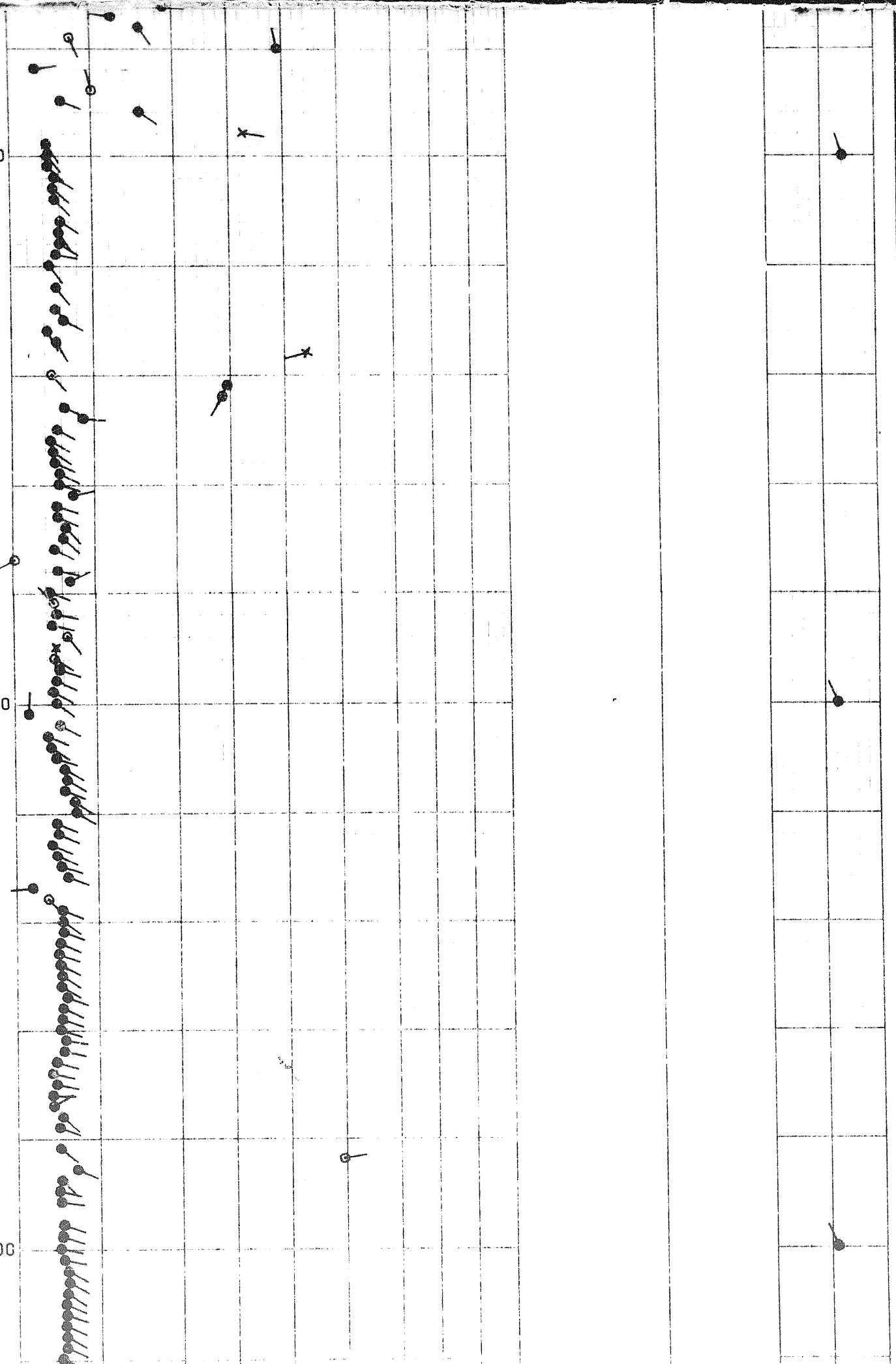


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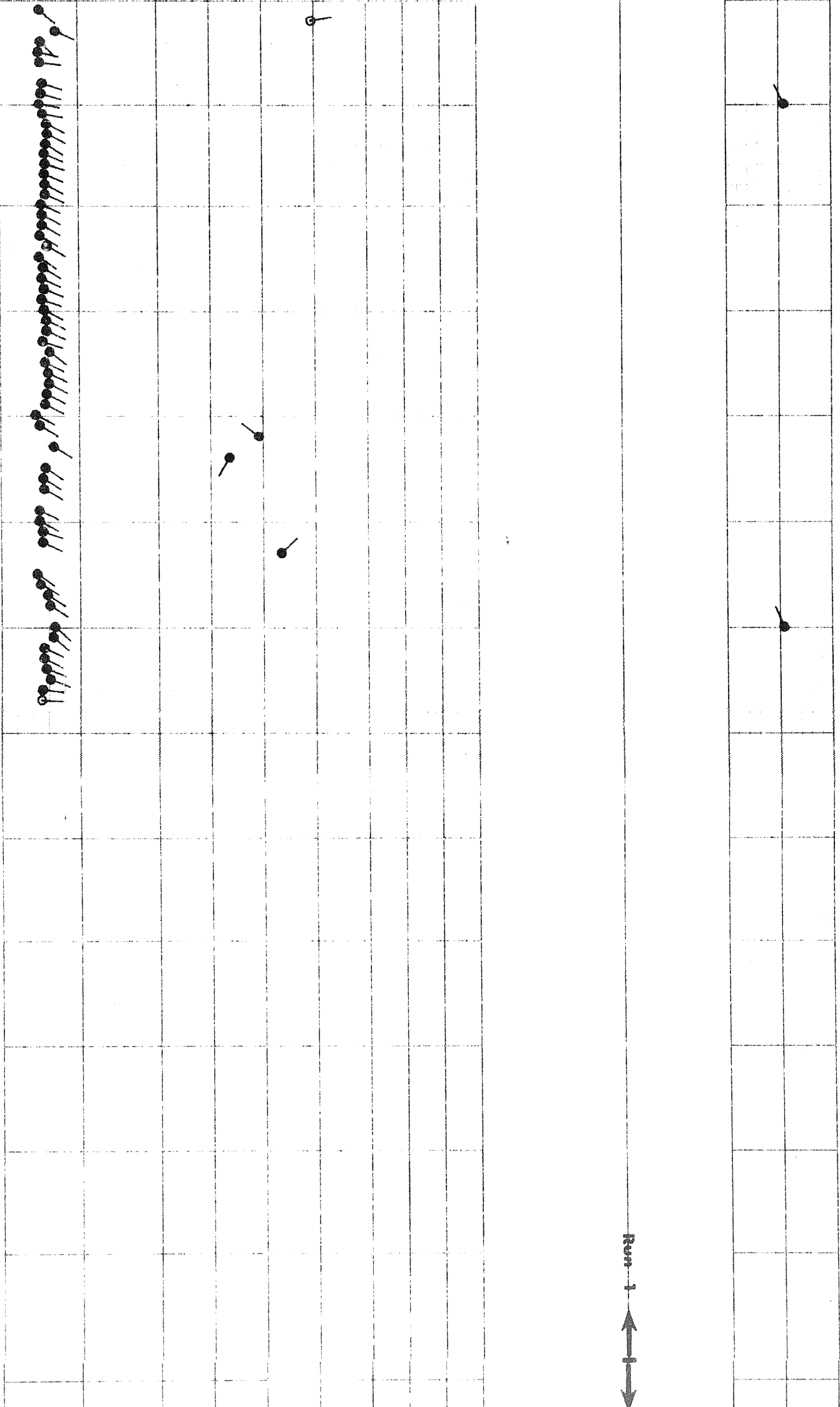
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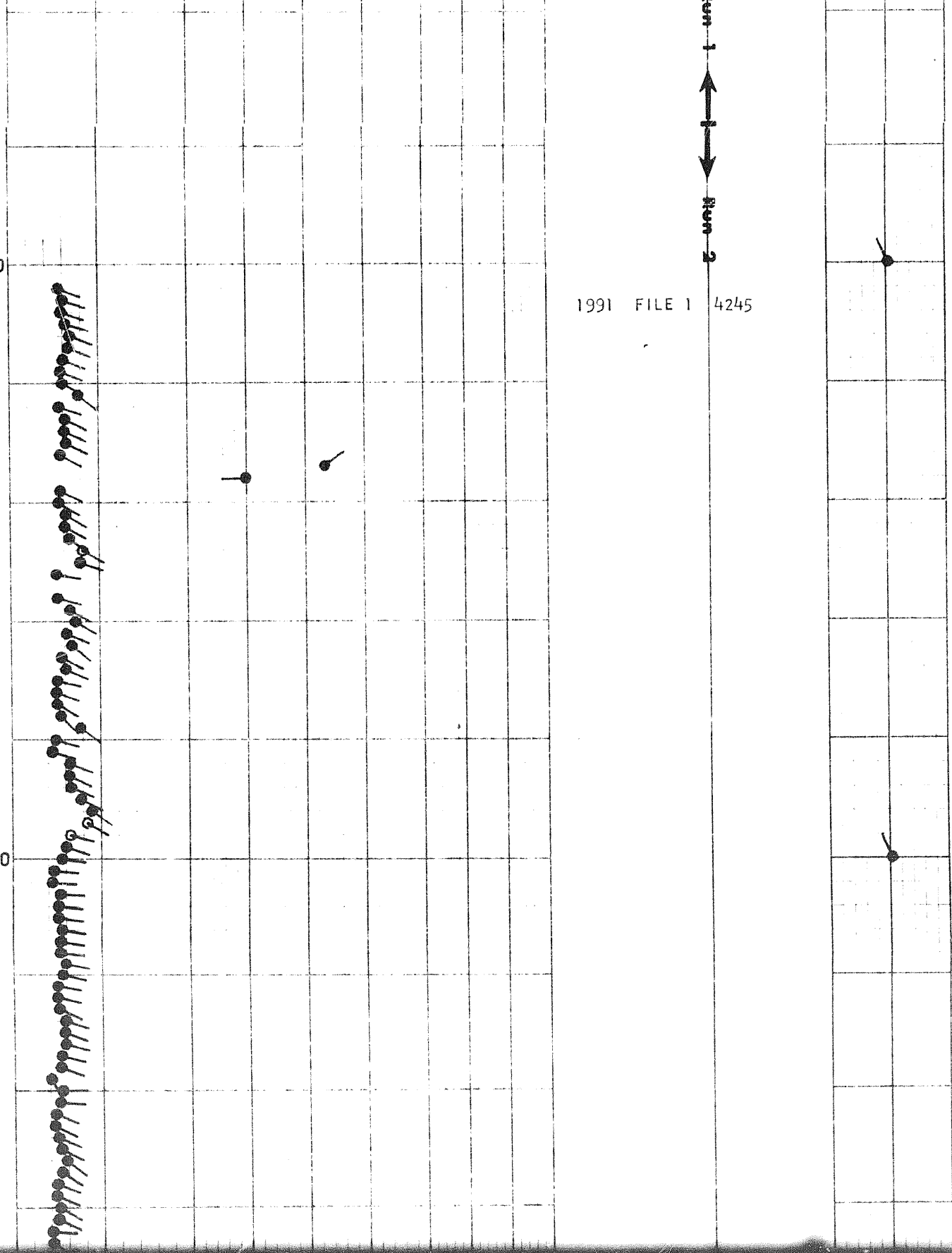
Run 1

Run 1 → ← Run 2

1991 FILE 1 4245

4800

4900

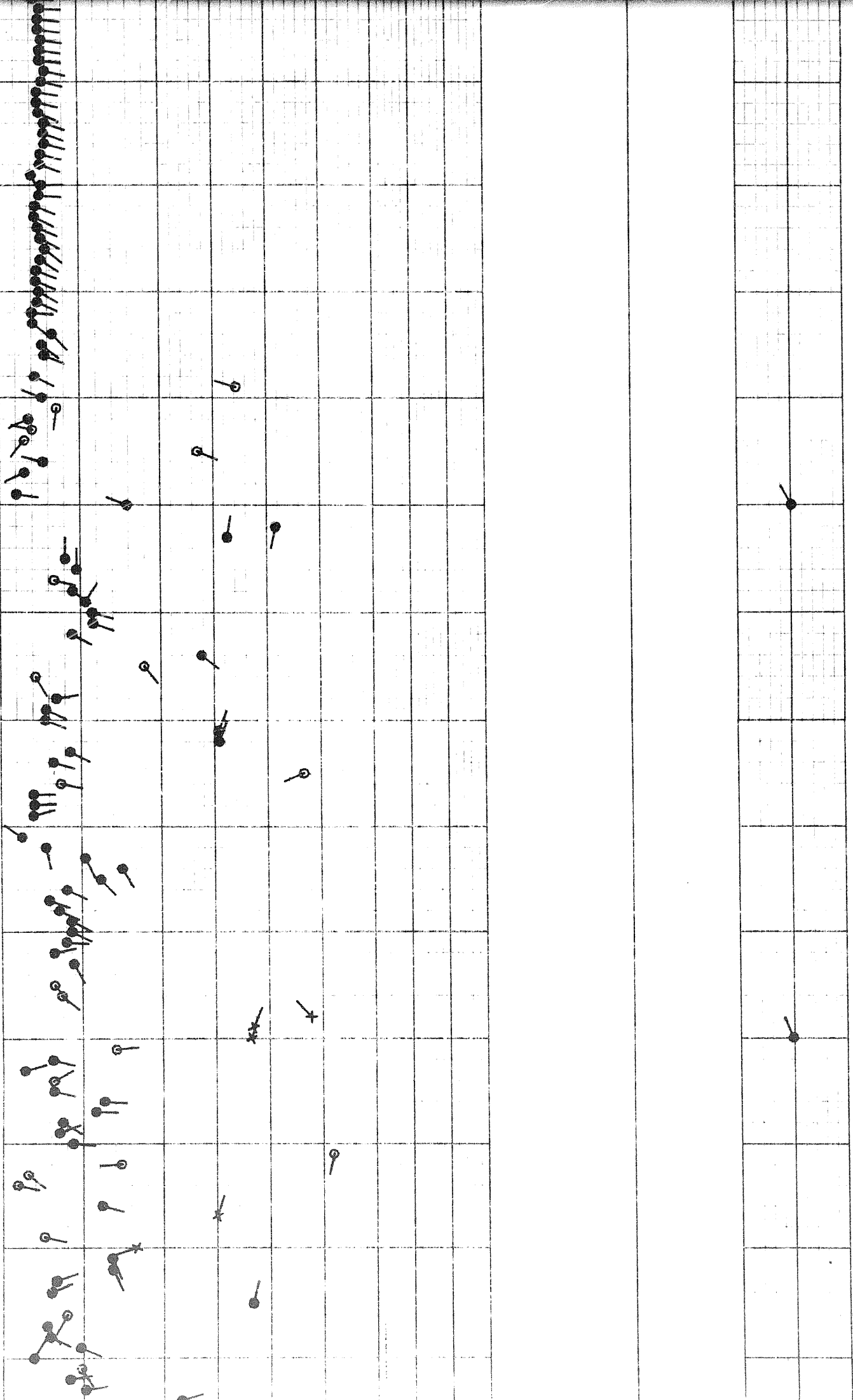




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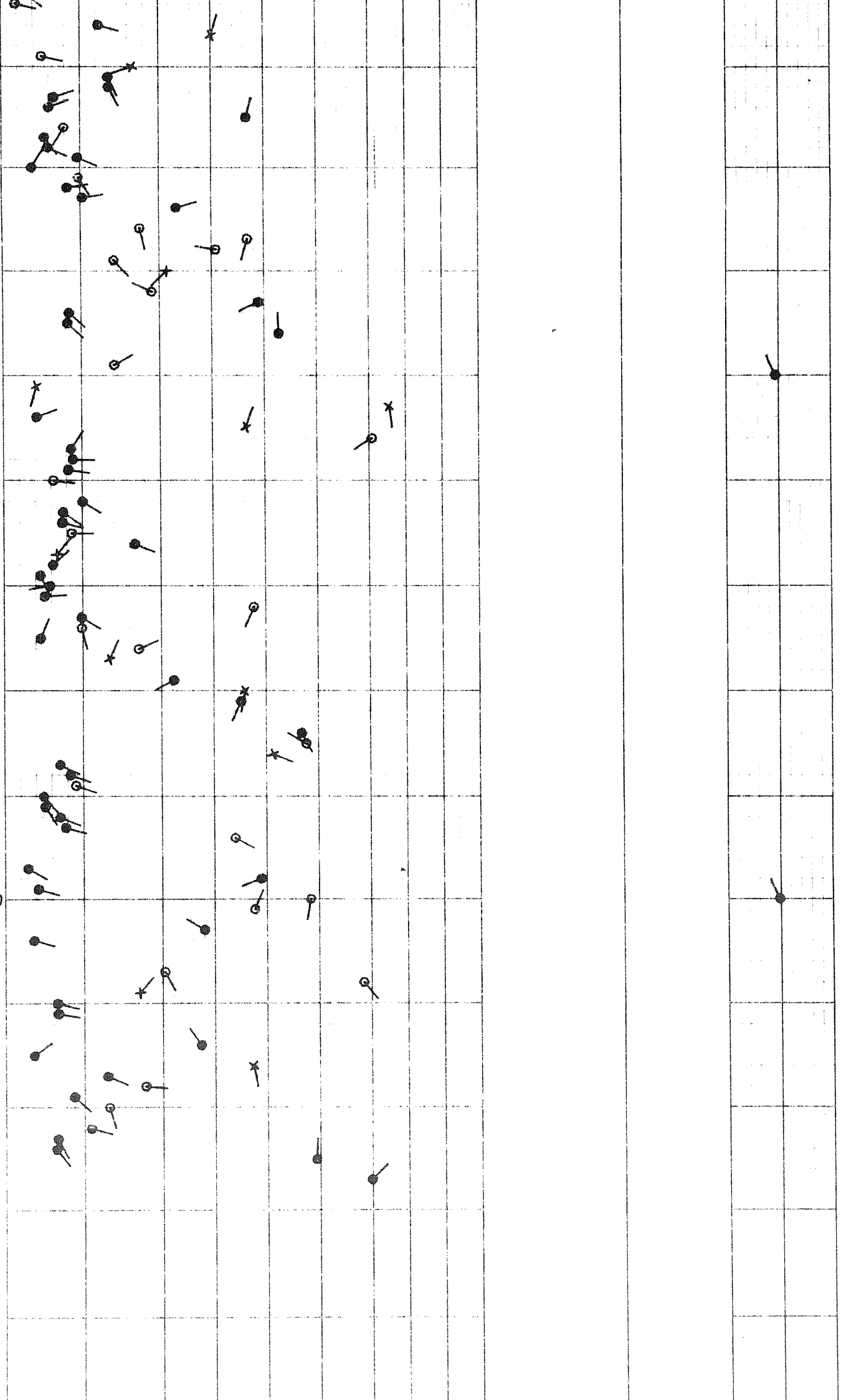
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5300



5400

3800

1991 FILE 2 4245

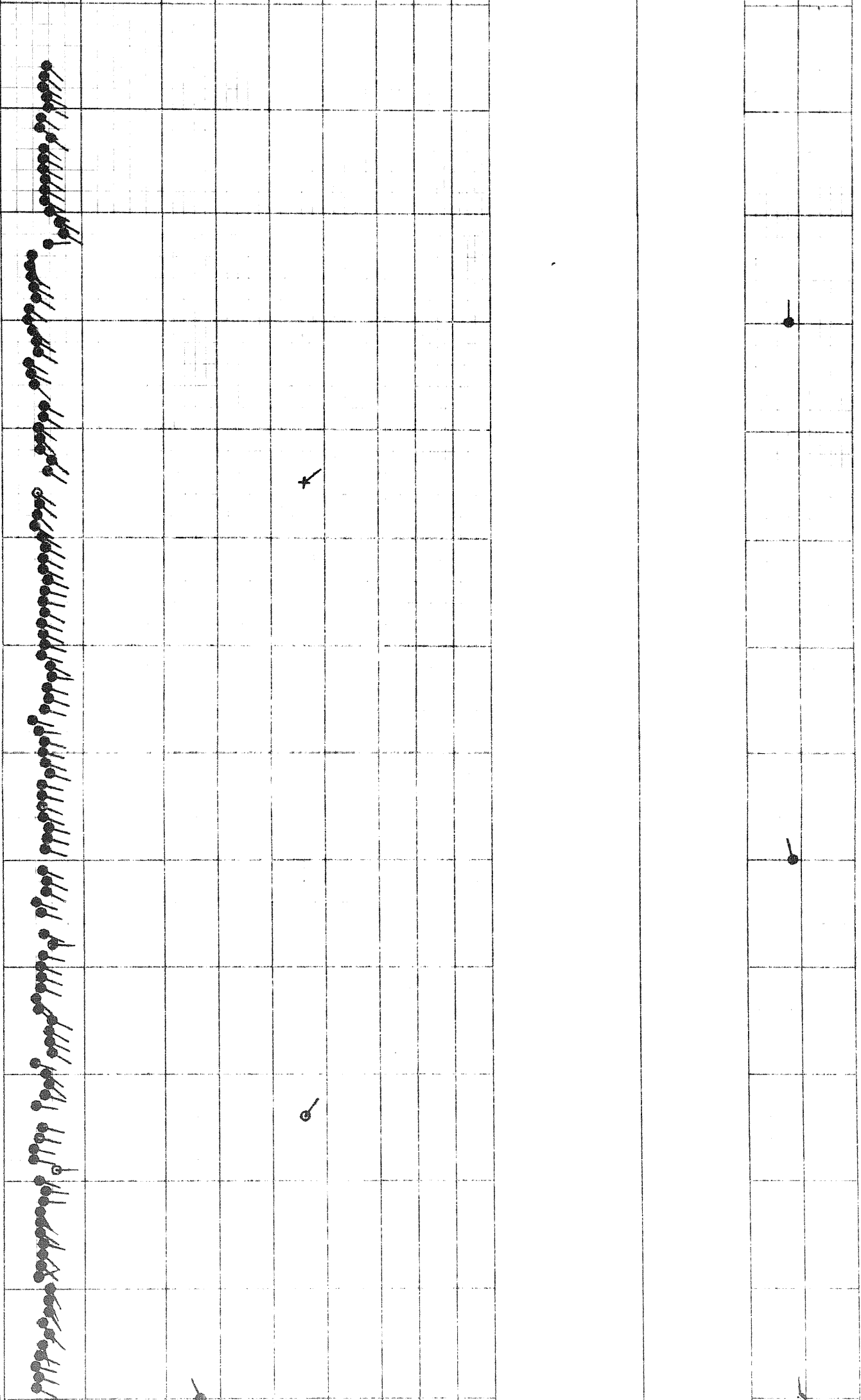


11.01

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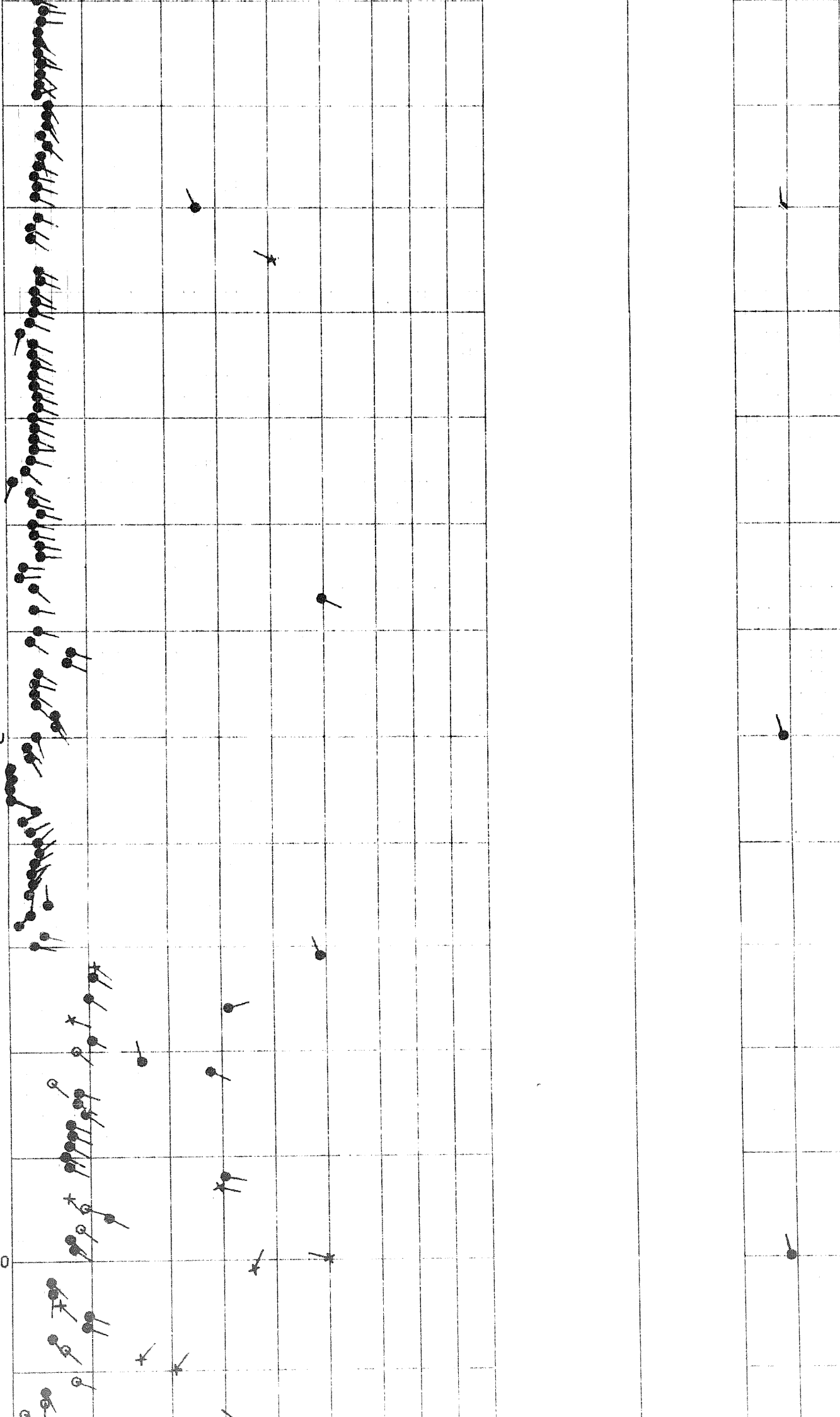
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4100

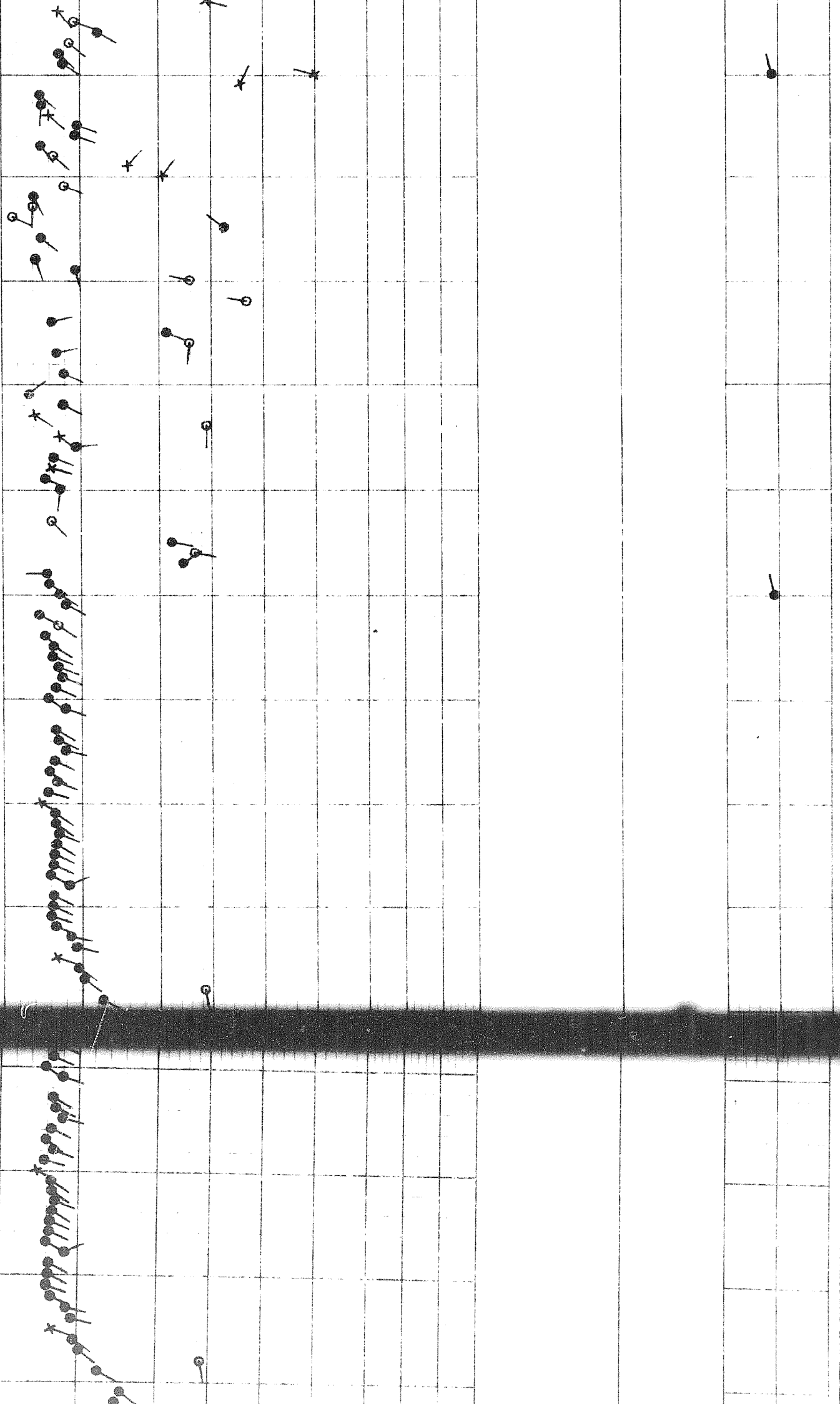
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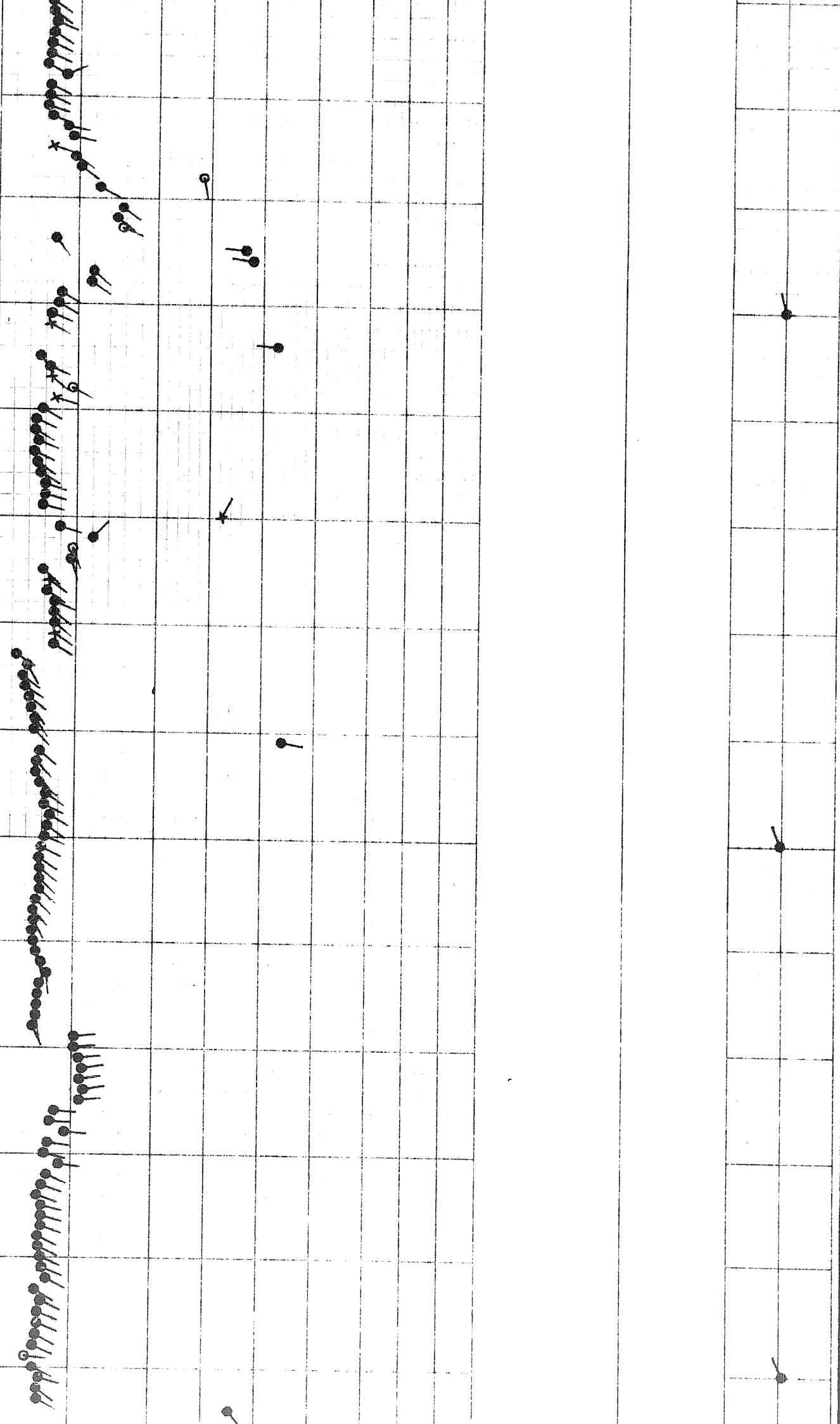


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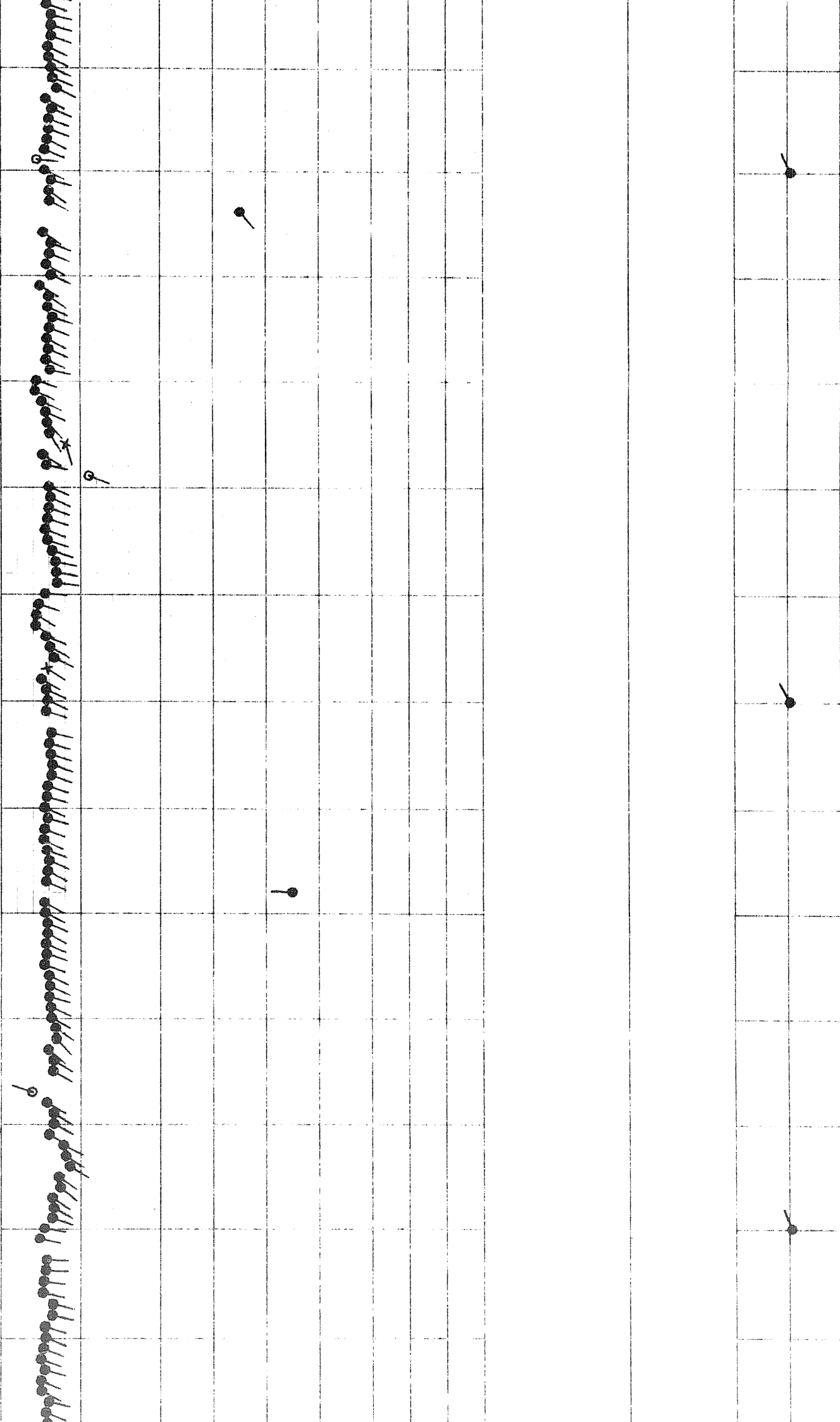
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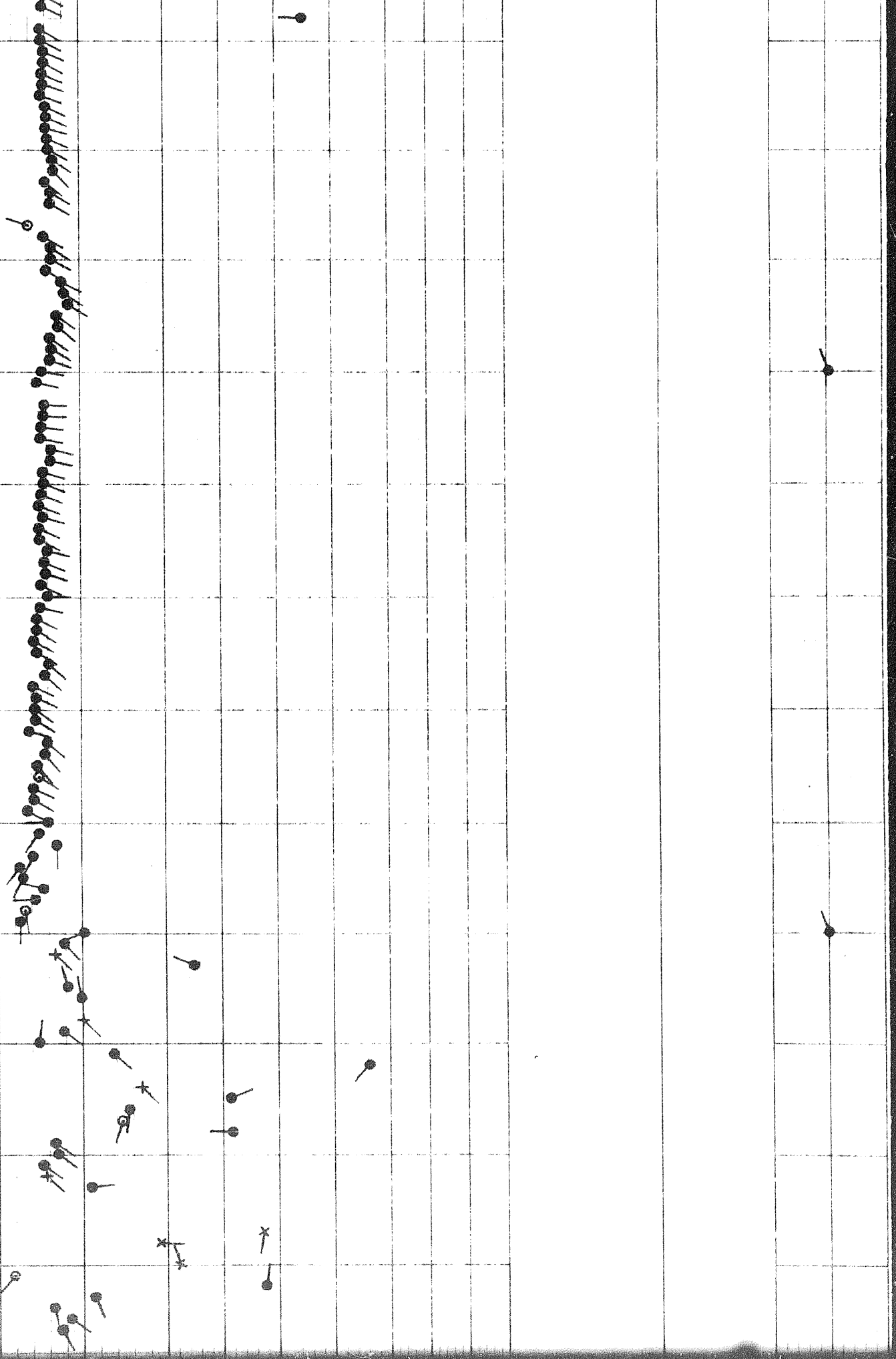
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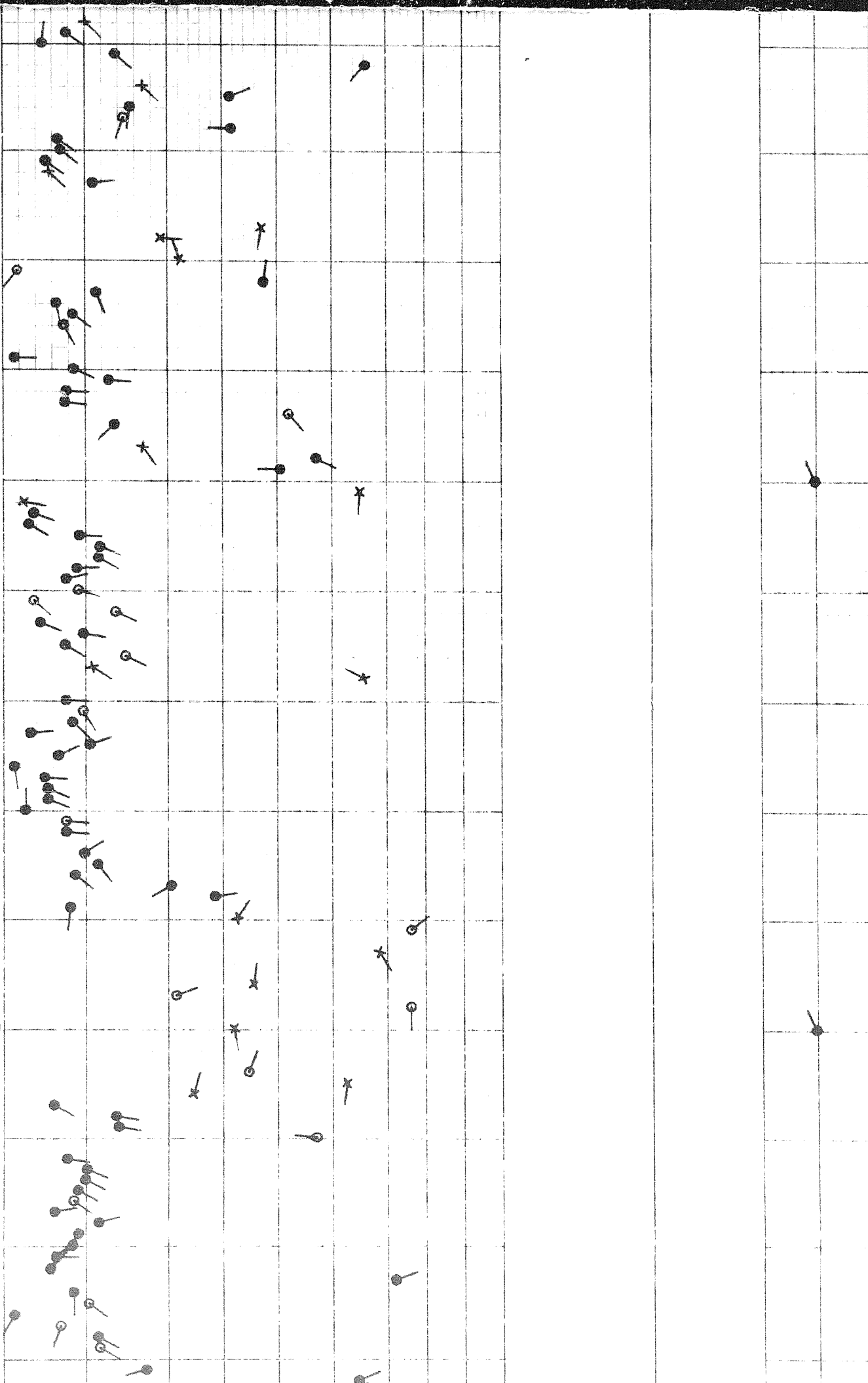
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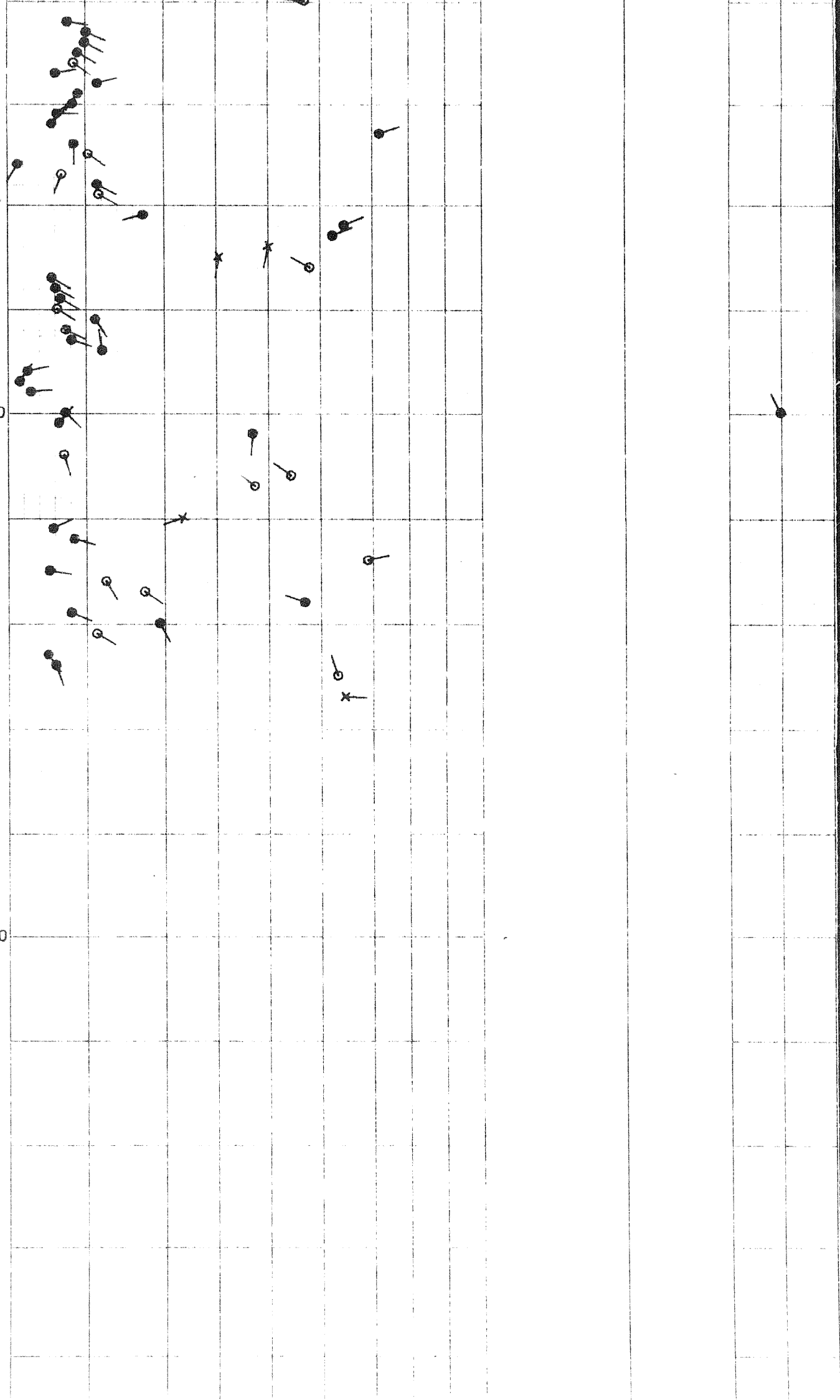
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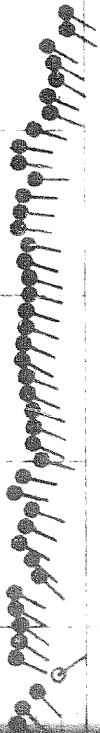
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1991 FILE 3 4245

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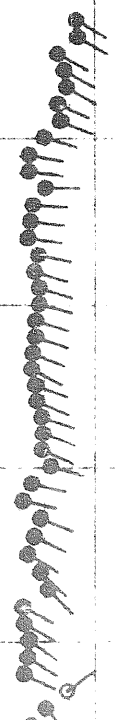




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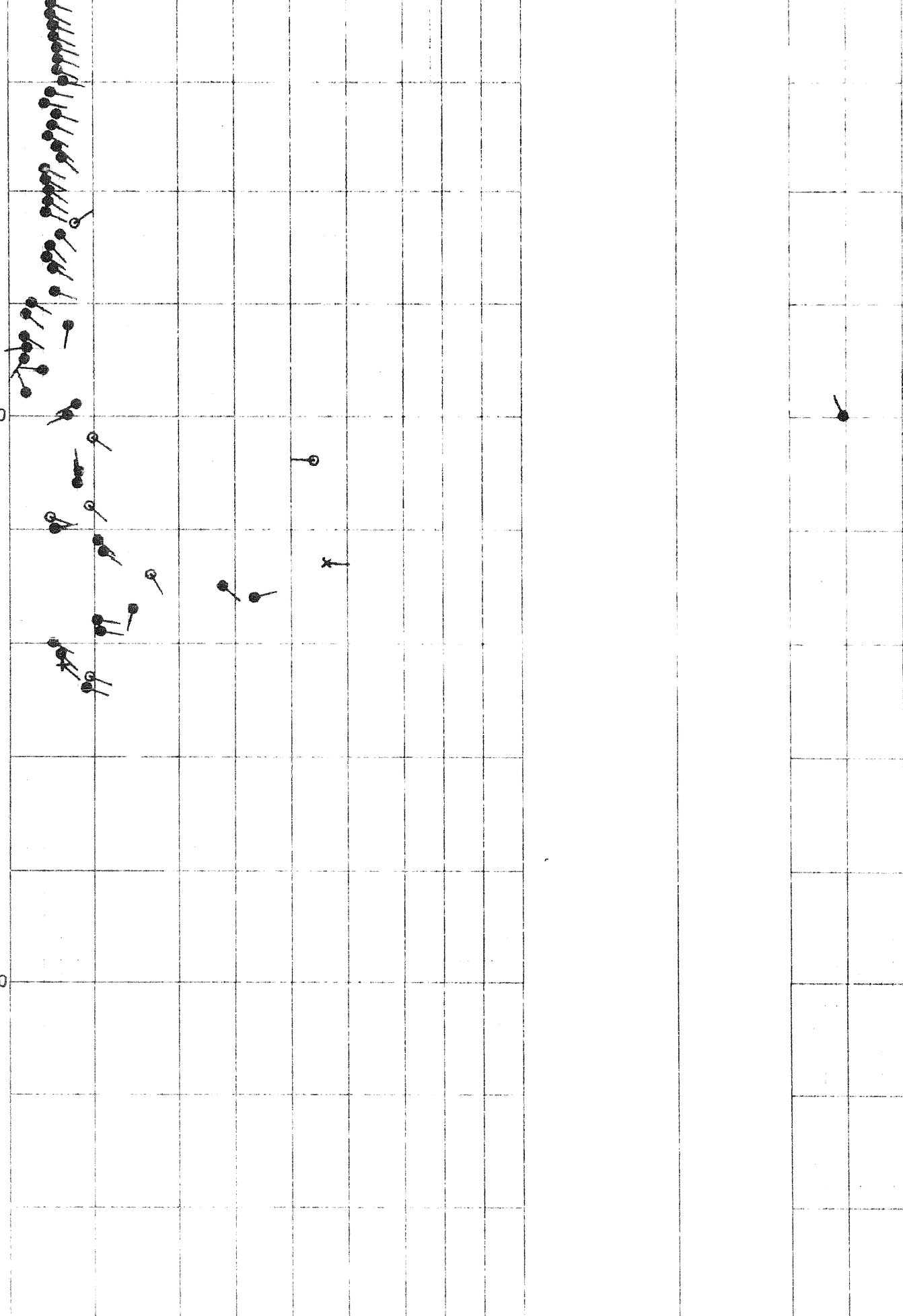
1991 FILE 3 4245

4900



5000

5100



DEPTHS

TRUE DIP ANGLE

DEPTH INTERVAL

TRUE DIP &  
TRUE DIP  
DIRECTION

DRIFT &  
TRUE DRIFT  
DIRECTION  
OF SONDE

COMPANY PAN AMERICAN PETROLEUM CORPORATION

WELL ...

Rm 2.43 " 49 F  
Rmf 1.92 " 72 F  
Rmc " " " F

SOC FR 5362  
SOC TD 5365  
DRLR TD 5362

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0° 10° 20° 30° 40° 50° 60° 70° 80° 90°

DEPTHS	TRUE DIP ANGLE	DEPTH INTERVAL	TRUE DIP & TRUE DIP DIRECTION	DRIFT & TRUE DRIFT DIRECTION OF SONDE
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COMPANY PAN AMERICAN PETROLEUM CORPORATION	Rm 2.43 a 49 F	SOC FR 5362
WELL P. W. SHELL ME TEL 97-1 60	Rmf 1.92 a 72 F	SOC TD 5365
FIELD WILDCAT	Rmc a F	DRLR TD 5362
PROVINCE YUKON	BHT 170 F	ELEV: KB 1950.0 GL 1937.5 CBF