

SCHLUMBERGER

**FOUR ARM
HIGH RESOLUTION
CONTINUOUS DIPMETER
COMPUTED**

PROVINCE YJKON
FIELD WILDCAT
WELL ICE BLOW RIVER Y1
E47-68-50-137-15
IMPERIAL OIL
ENTERPRISES LTD.
COMPANY

COMPANY IMPERIAL OIL ENTERPRISES LTD.
WELL ICE BLOW RIVER Y1
E47-68-50-137-15
FIELD WILDCAT
PROVINCE YJKON
LOCATION 68° 46' 20" NORTH LAT
137° 27' 13" WEST LONG
Permanent Datum GL Elev 368
Log Abscissa from KB 16 Ft Above Perm Datum
Dip Measured from
SNP: CTS-DIL
FDC: SLC-GR.
ELEV NB 384
GL 368
LBT

Date	Run No	Depth (Log)	Depth (Log Interval)	Casting Depth	Bit Size	Type Fluid in Hole
26 AUG 70	TWO	10027	14007	9980	12 1/4	GEL
10 NOV 70	THREE	14007	14007	13917		
		14007	14007	9989		
		14007	14007	9999		
		14007	14007	9999		
		14007	14007	9999		
		14007	14007	9999		
		14007	14007	9999		

Run No	Tool Type	HDM No	HDE No	HDP No	HDS No	DPI No	DDR No	Computed By	Correlation Interval	Step	Search
TWO	HDT							EMR 6050			
THREE	HDT							EMR 6050			

REMARKS

1st Run Service Order # 2946
Magnetic Declination 37° E

Any directional computations made from the dipmeter 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 nor 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
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	26	57.7	577	3048
9	15.8	158	836	27	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	11263
16	28.7	287	1514	70	274.8	2748	14507
17	30.6	306	1614	75	373.2	3732	19705

1 of

11	174	194	1026	45	100.0	1000	5280
12	213	213	1122	50	119.2	1192	6293
13	231	231	1219	55	142.8	1428	7540
14	249	249	1316	60	173.2	1732	9145
15	268	268	1415	65	214.4	2144	11323
16	287	287	1514	70	274.8	2748	14507
17	306	306	1614	75	373.2	3732	19705
18	325	325	1716	80	567.1	5671	29945

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

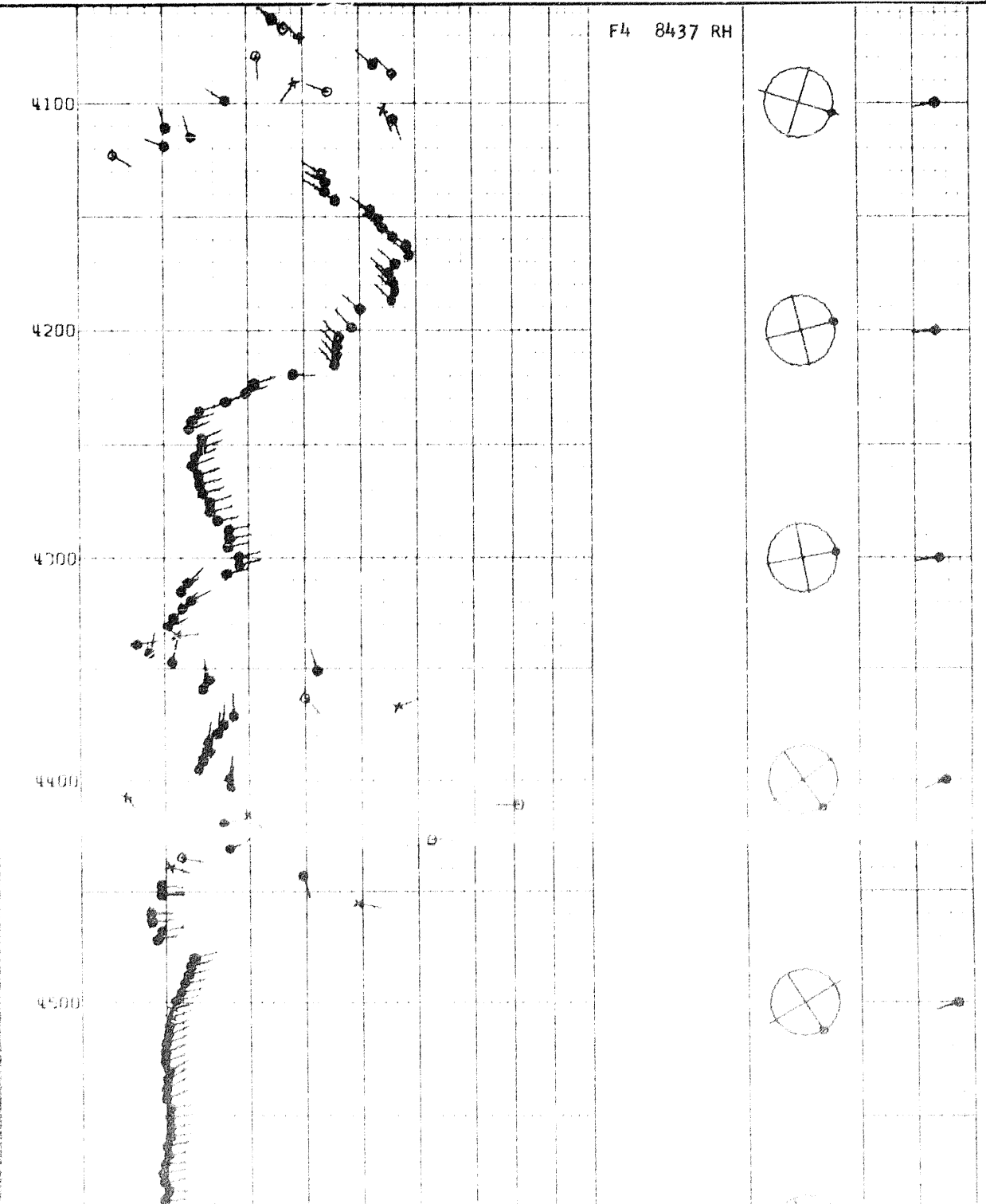
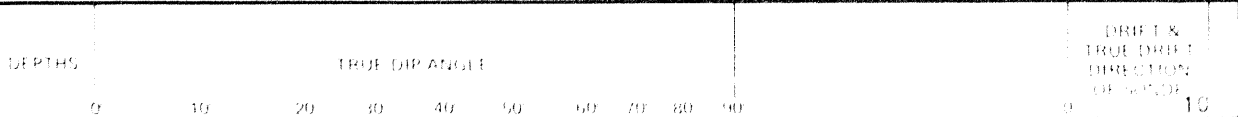
Example: The formation dip is 16 degrees. The vertical displacement occurring at a spot 650 feet away from the well is desired. The table shows 28.7 feet per 100 feet for 16° dip. Therefore $28.7 \times 6.50 = 189.42$, or 189 feet.



GRAPHIC PRESENTATION

CORRELATION RATING

- GOOD
- FAIR
- × POOR



4600

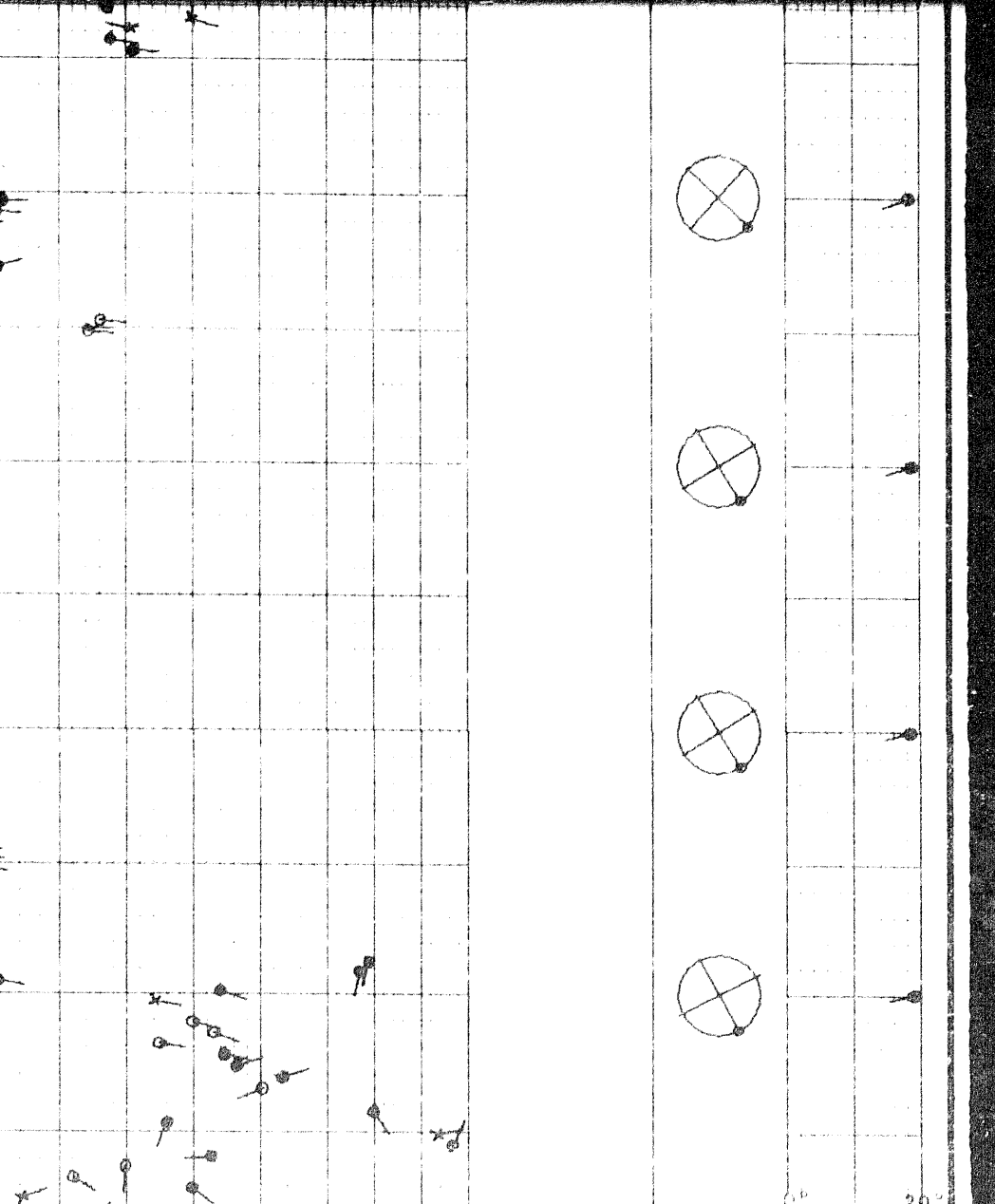
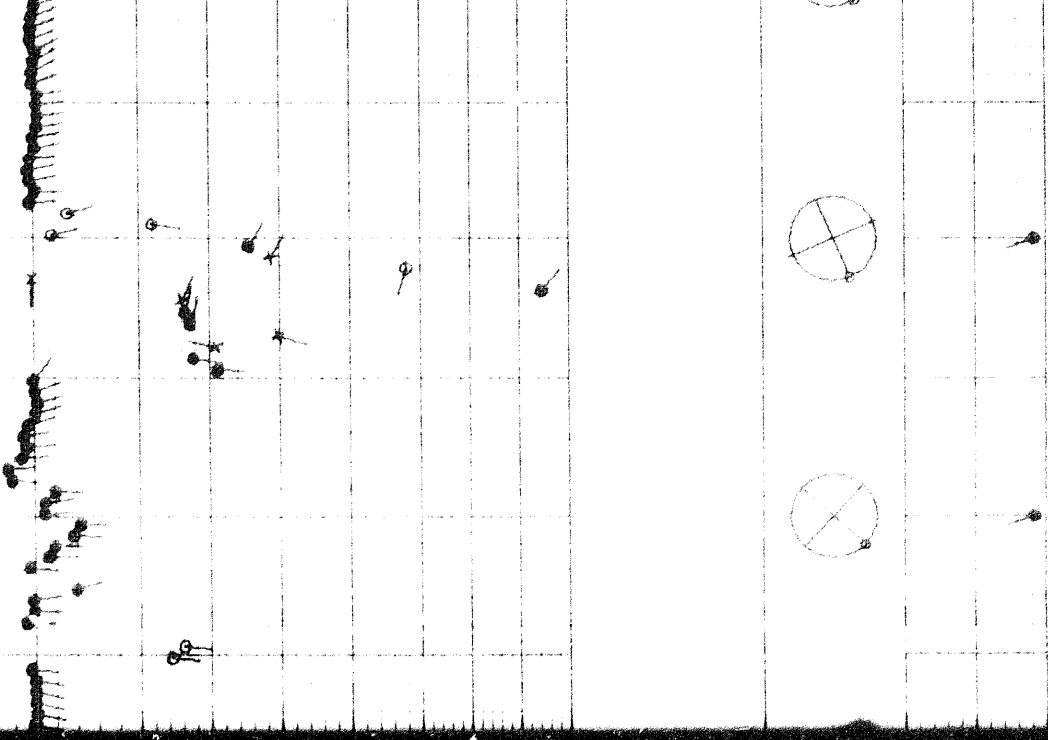
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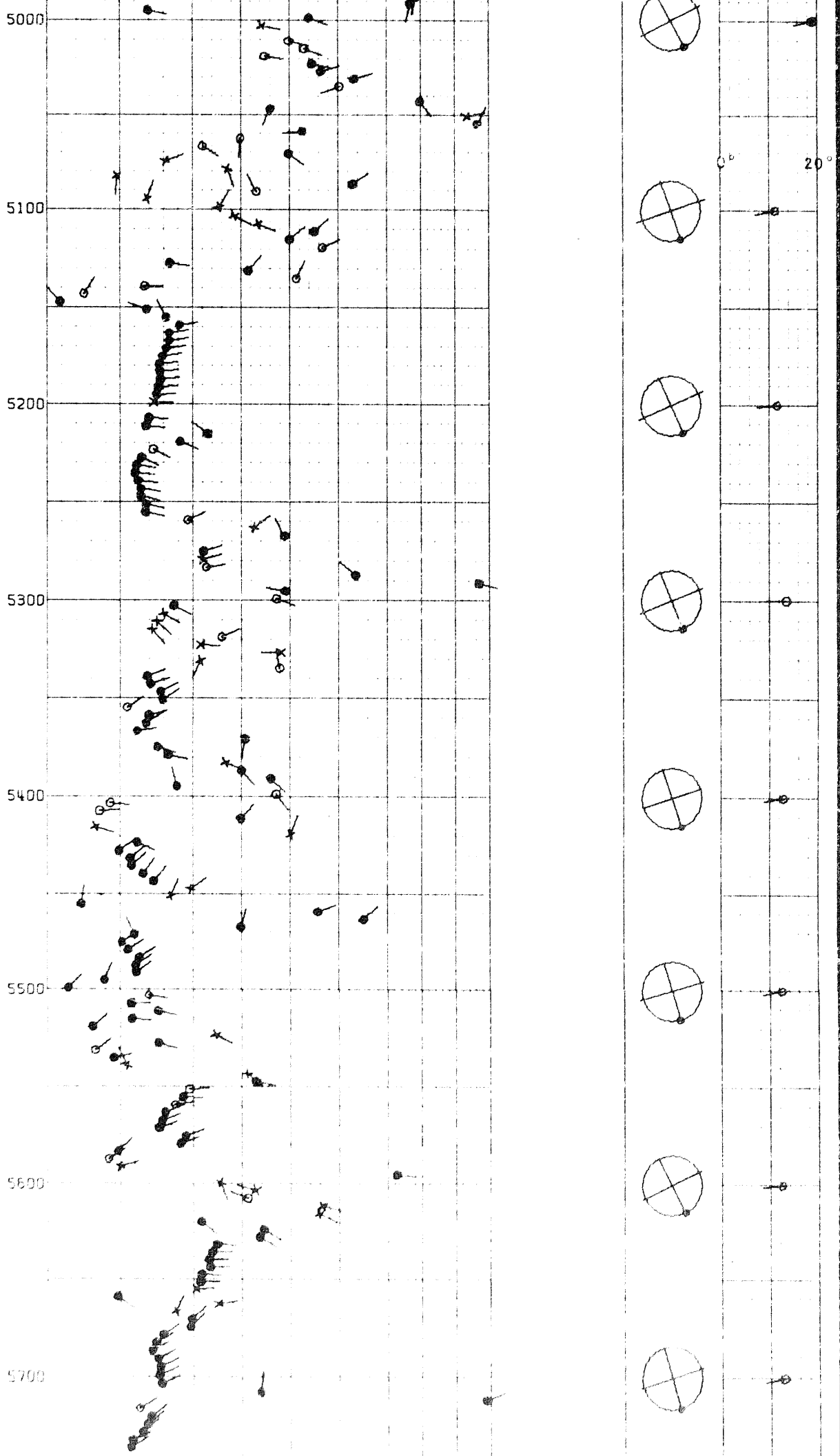
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208

202



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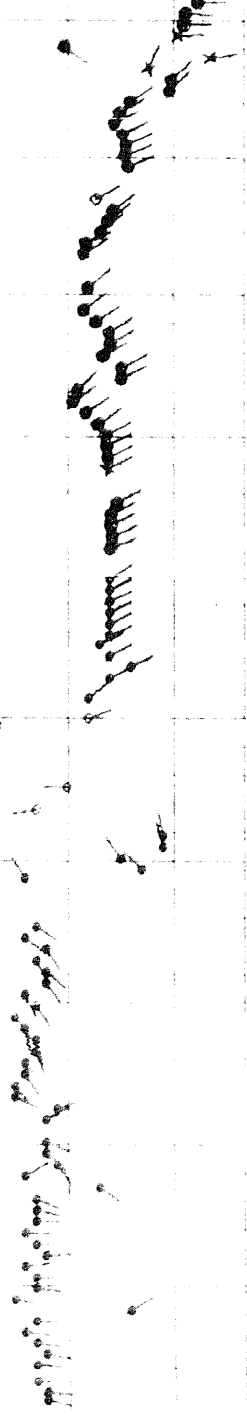
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6000

6100

6200

6300



5700

5800

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304

6200

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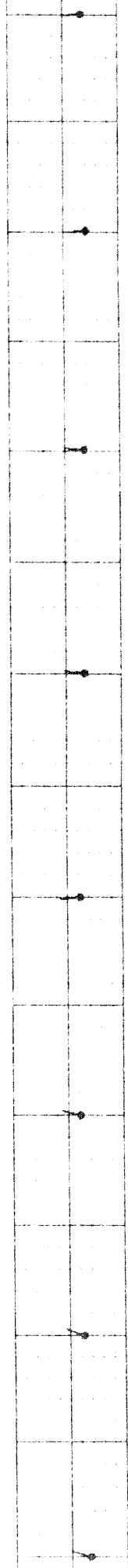
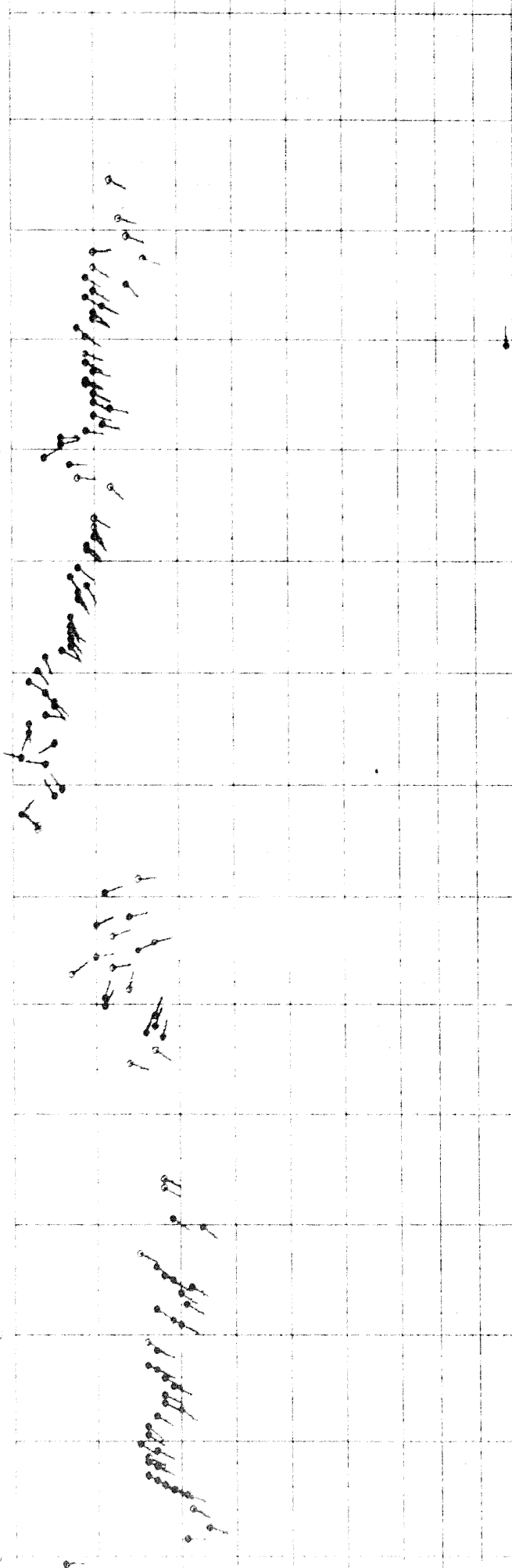
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F3 8437 RH

3437



7600

7700



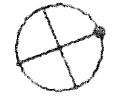
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0° 10°

407

8200

8300

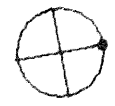
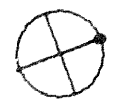
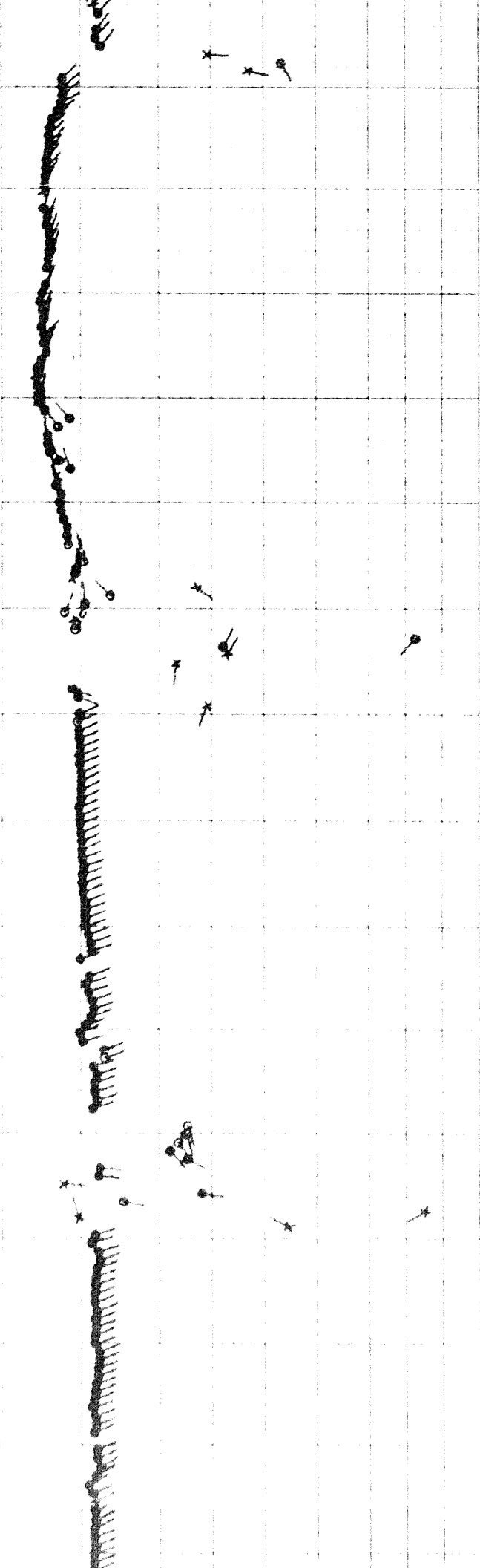
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8600

8700

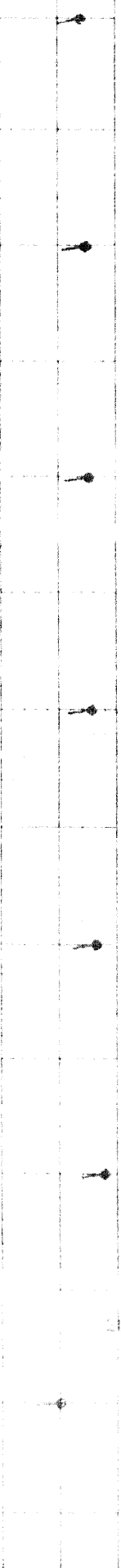
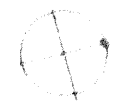
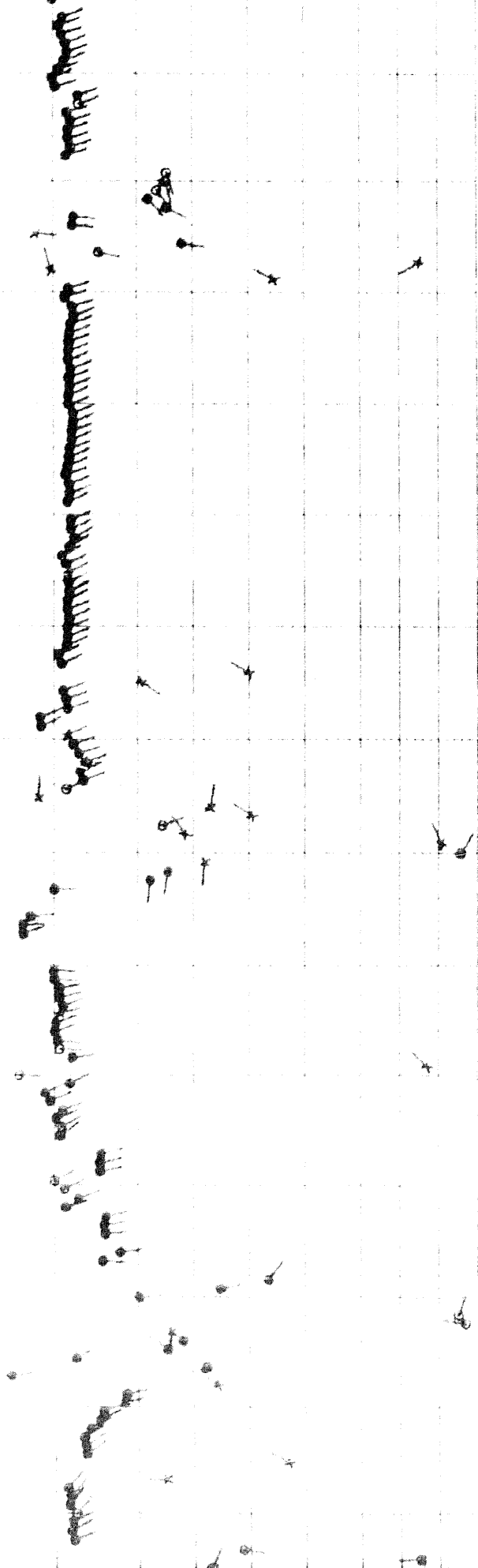
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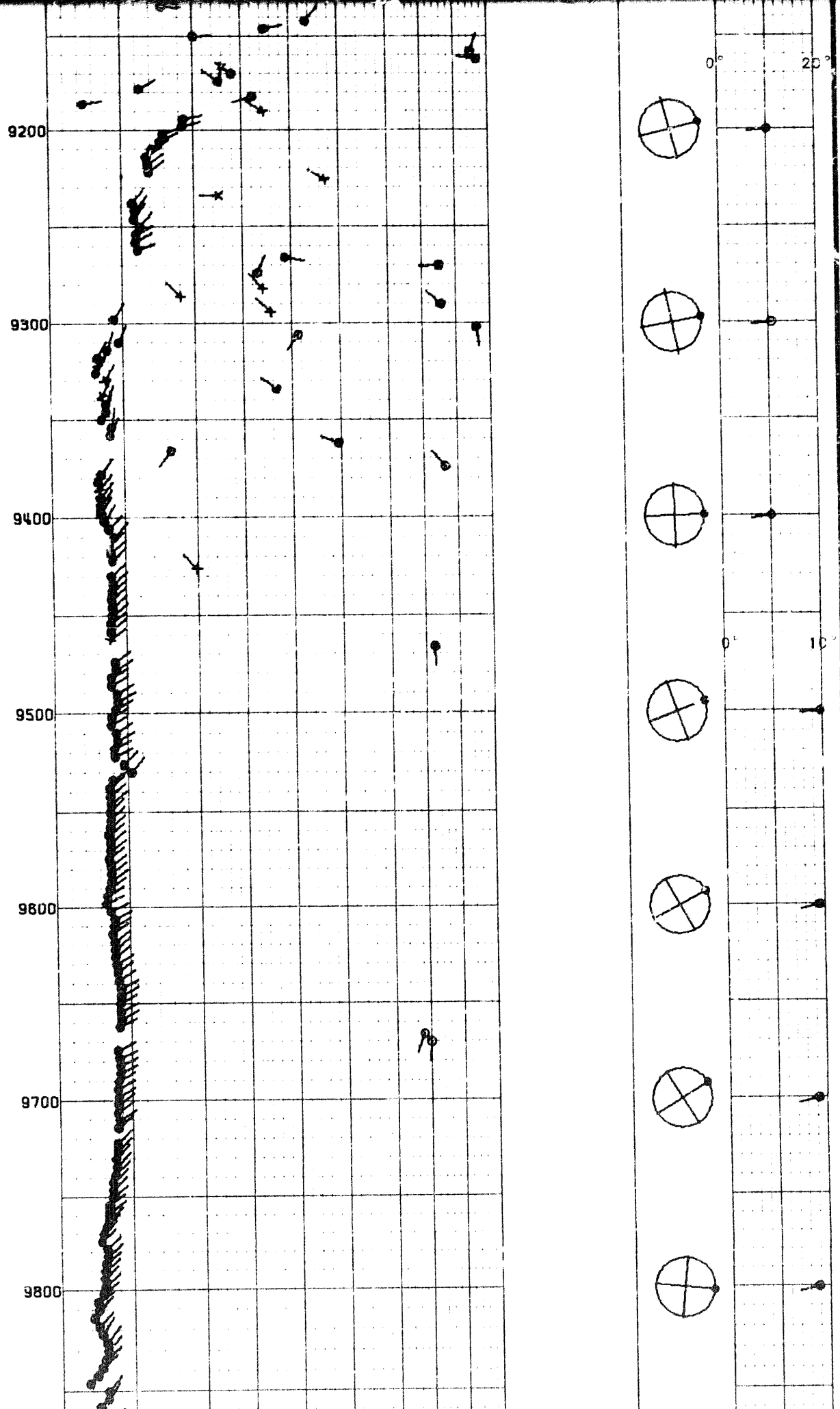
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9200



5 of



9900

10000

10100

10200

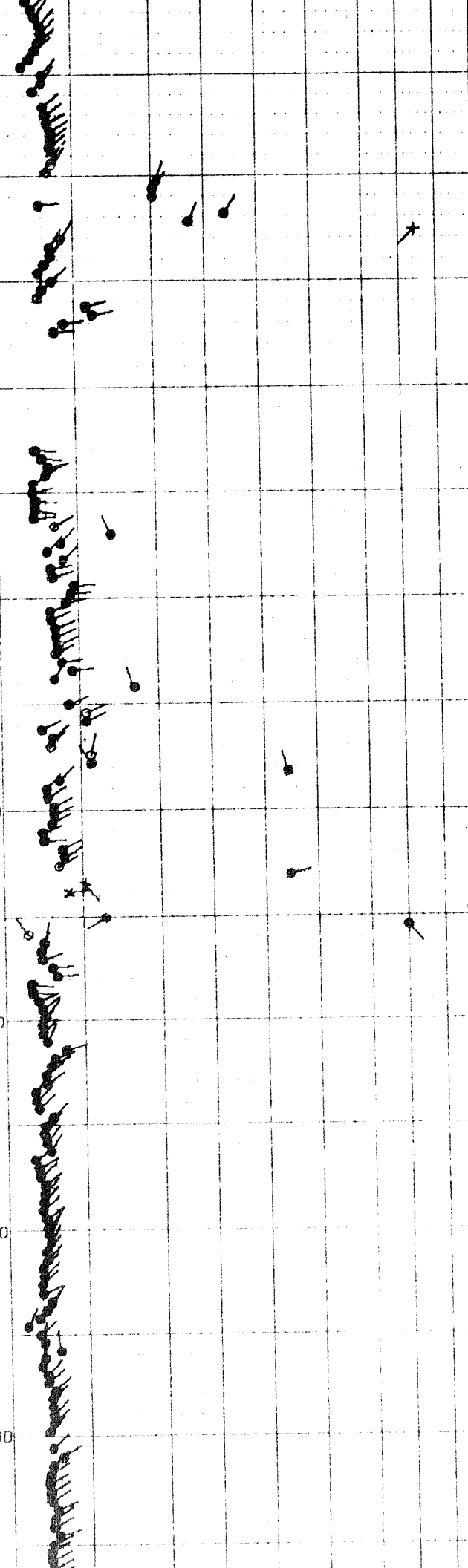
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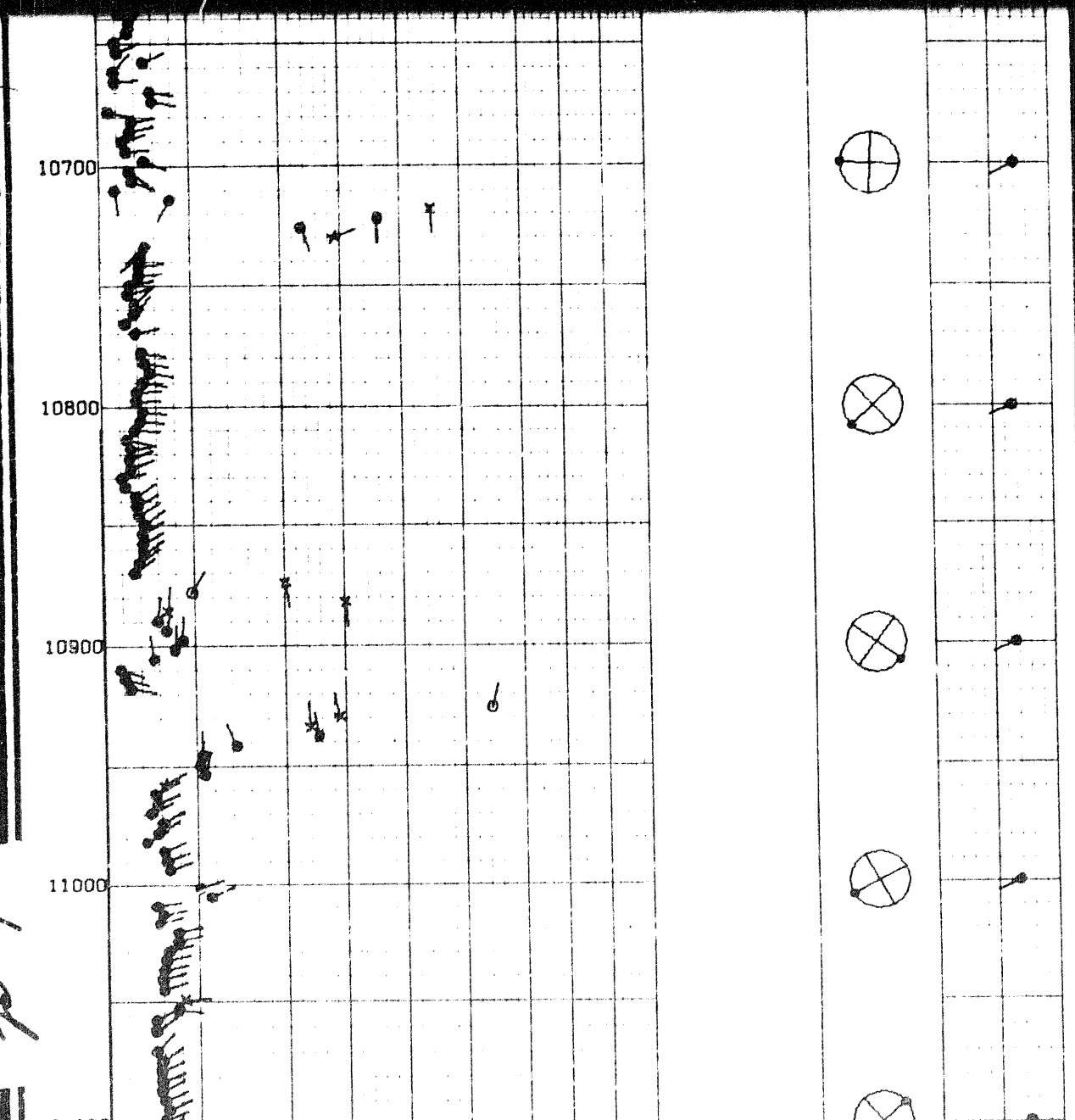
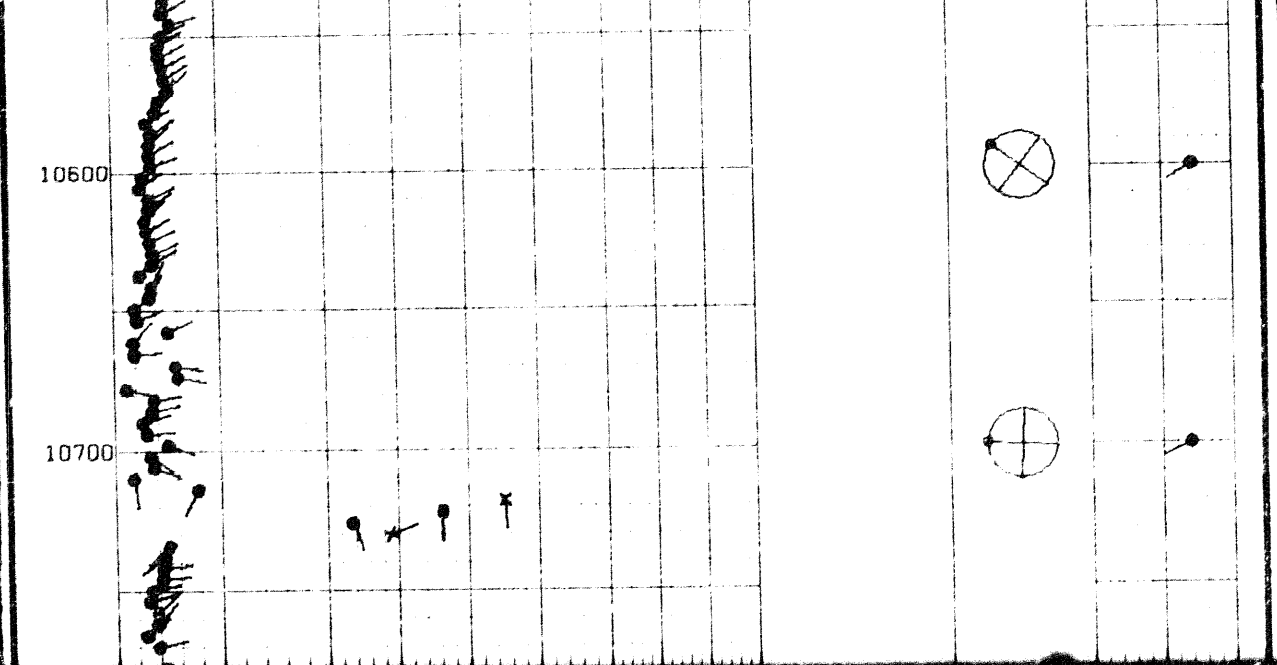
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10500

2389F5 8437RH

Run 2 ← | → Run 3





6 of 9

10 of

11100

11200

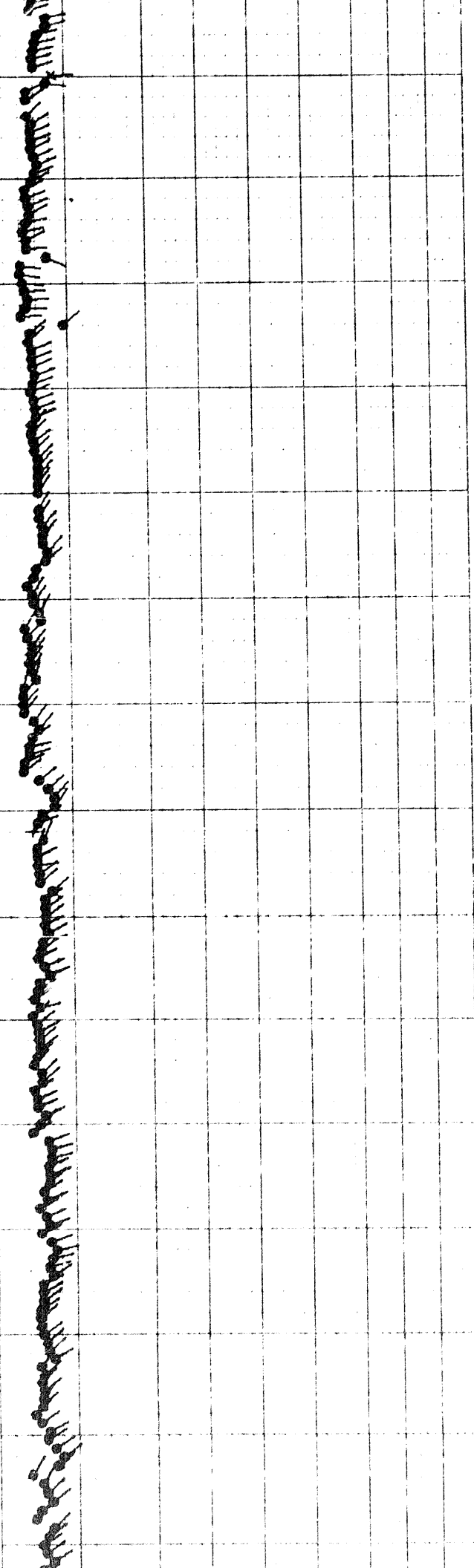
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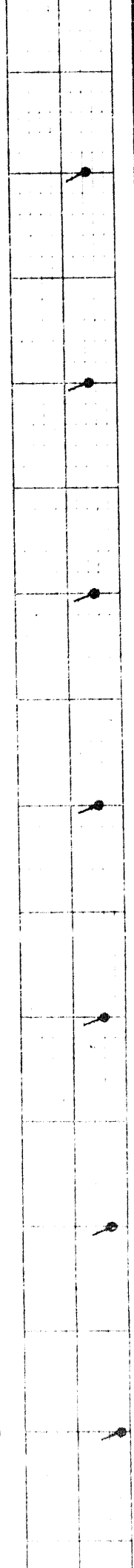
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11700



F2 8437 RH



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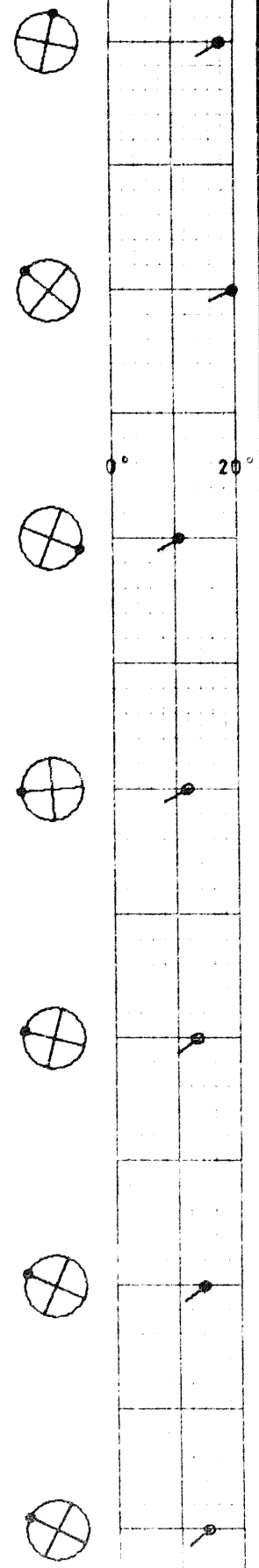
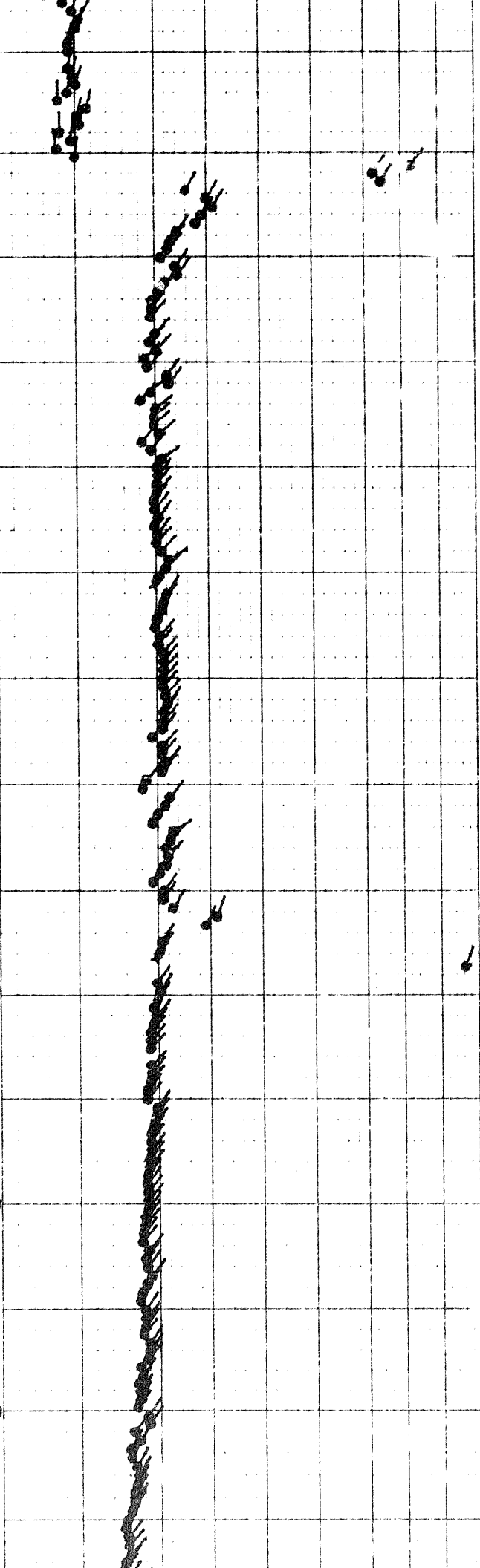


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707

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13000

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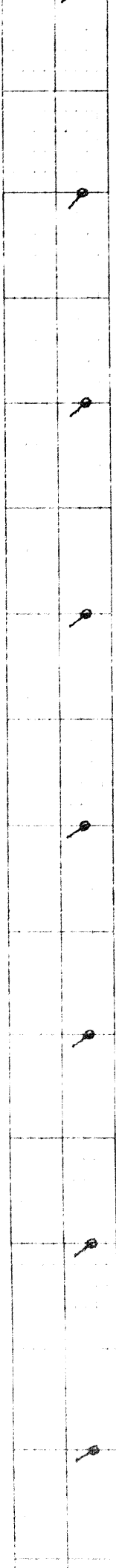
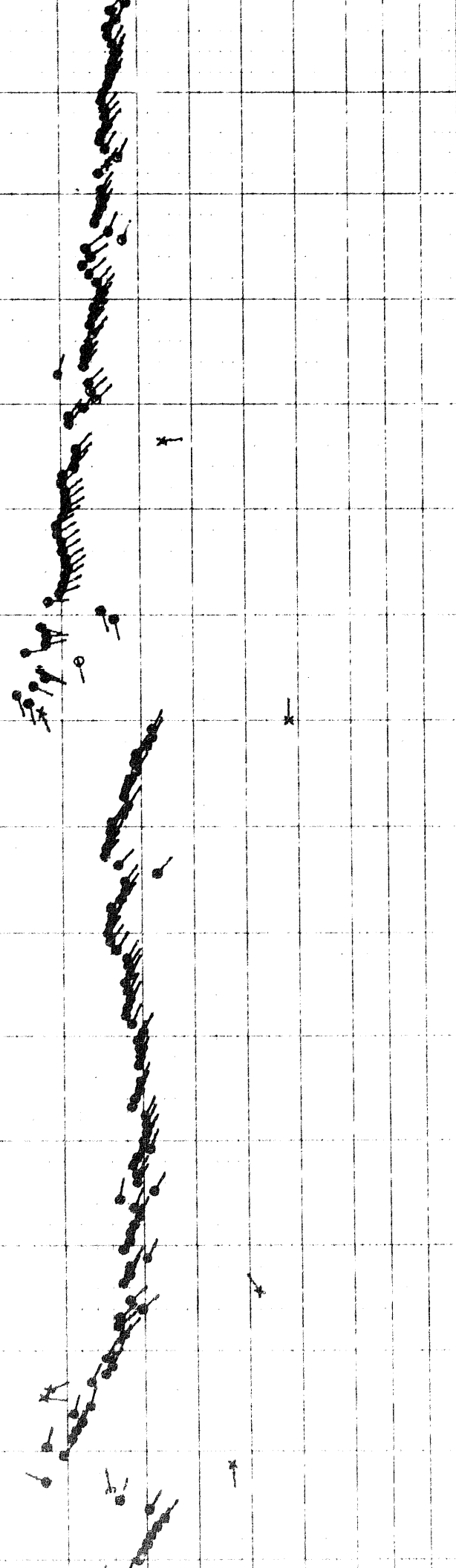
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13700



13700

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14000

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2356 FA 4230RH

88

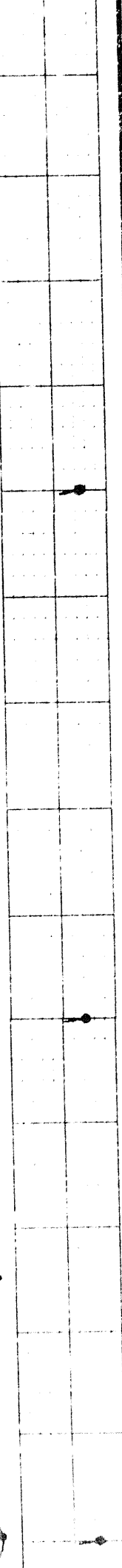
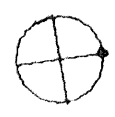
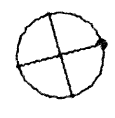
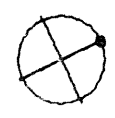
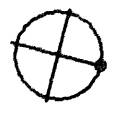
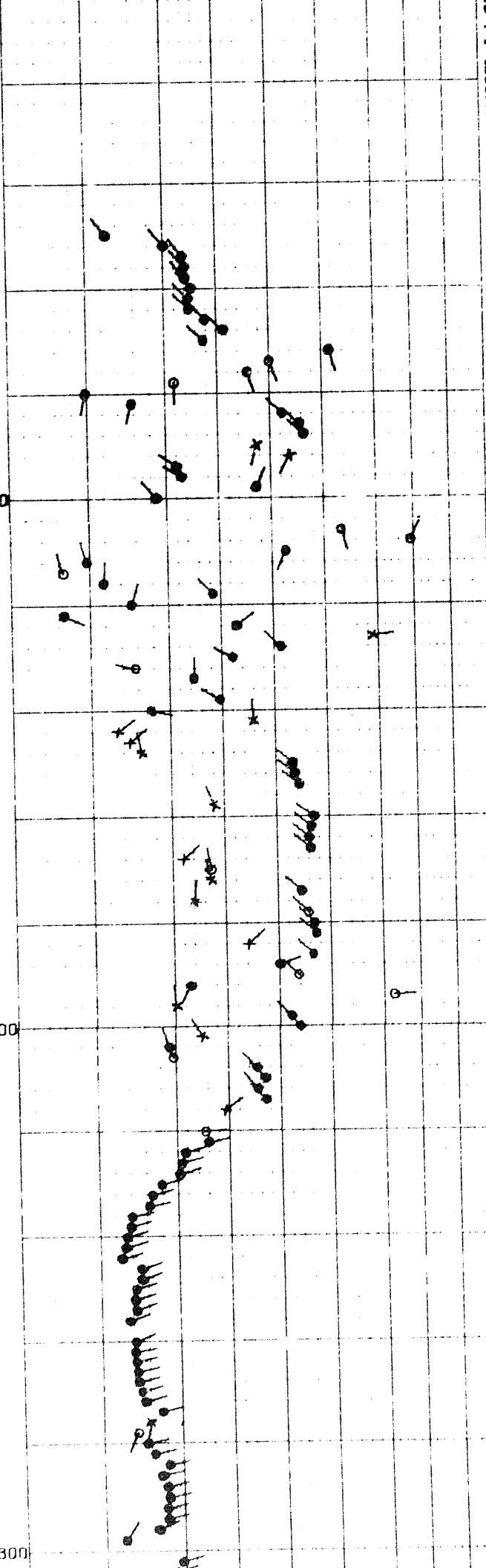
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6 F4 4230RH

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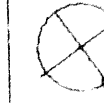
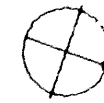
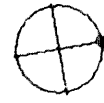
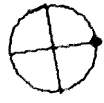
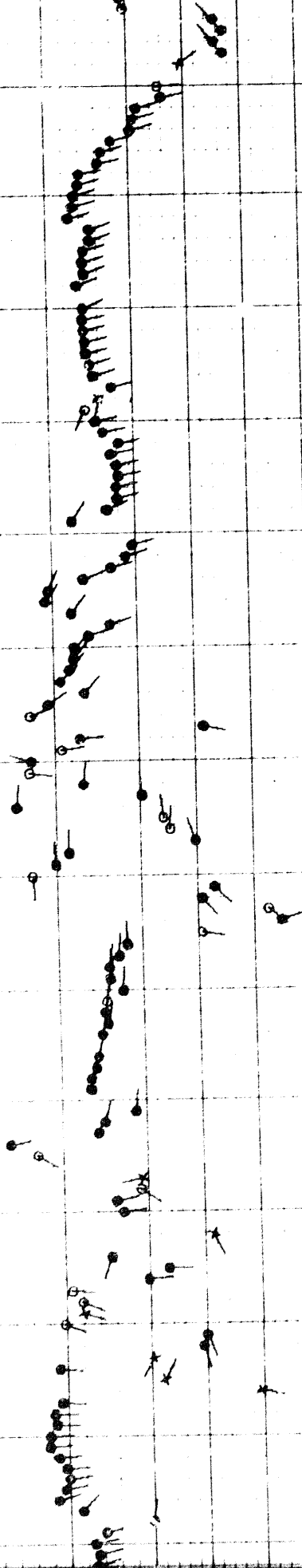
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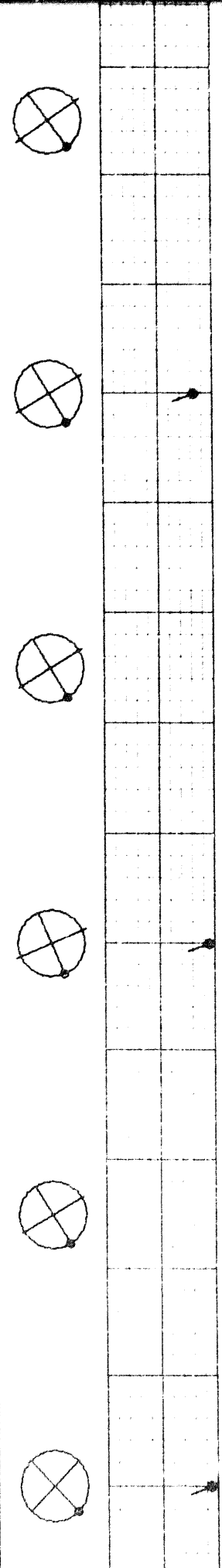
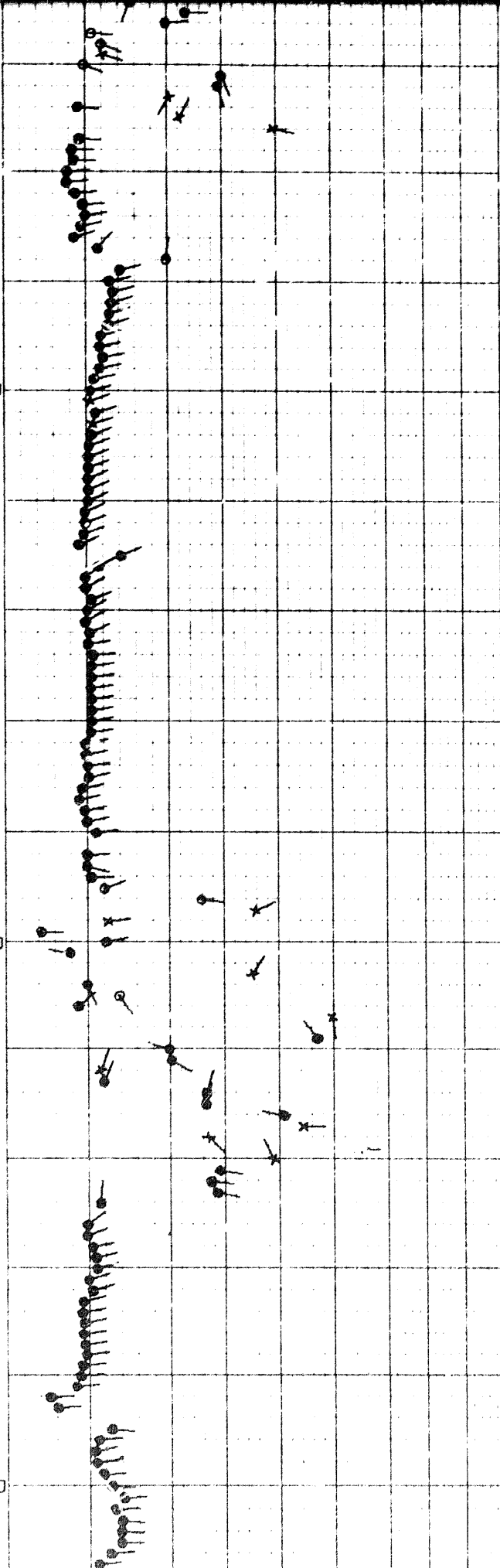


to b

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4600

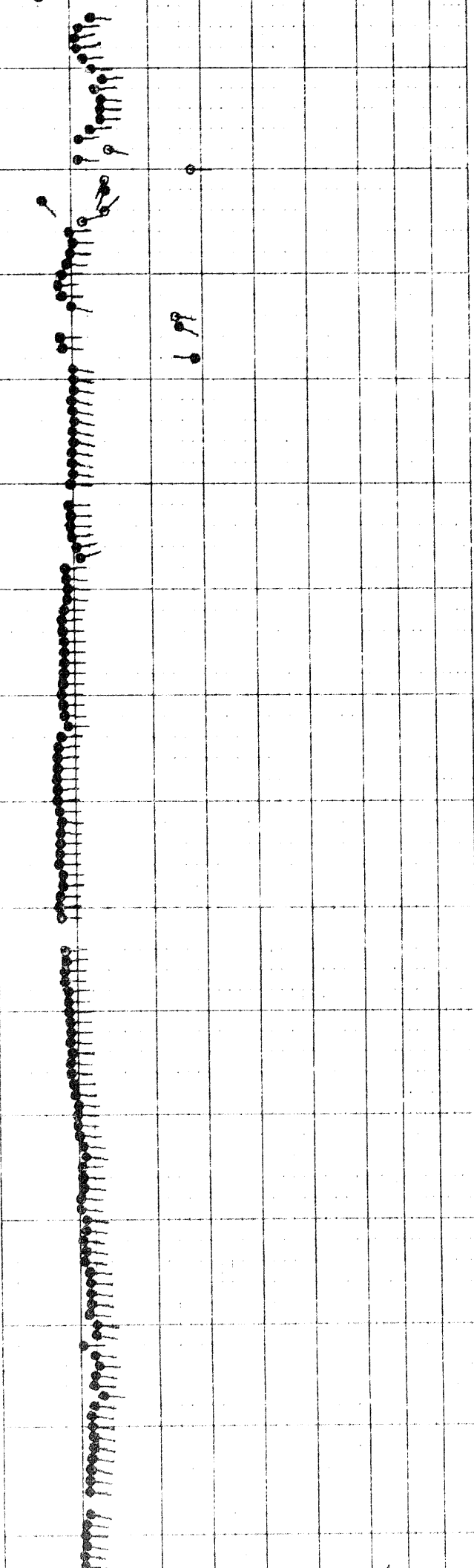
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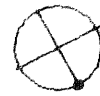
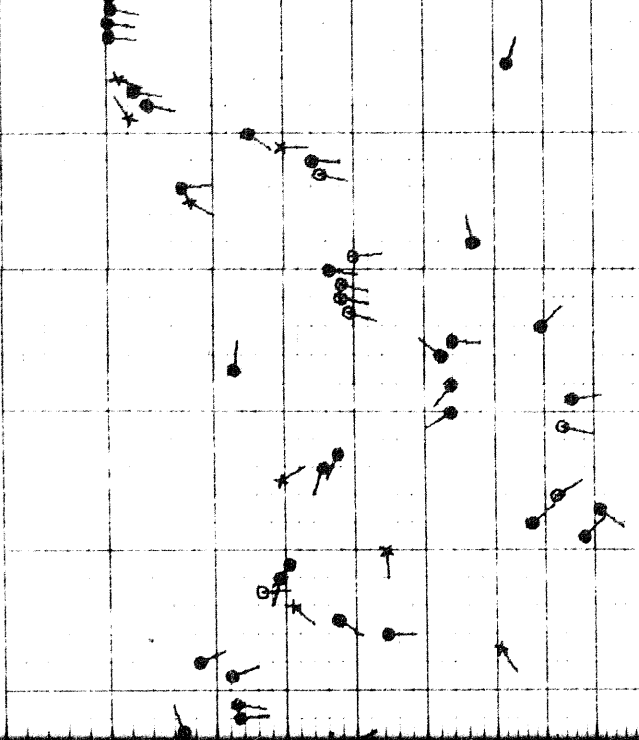
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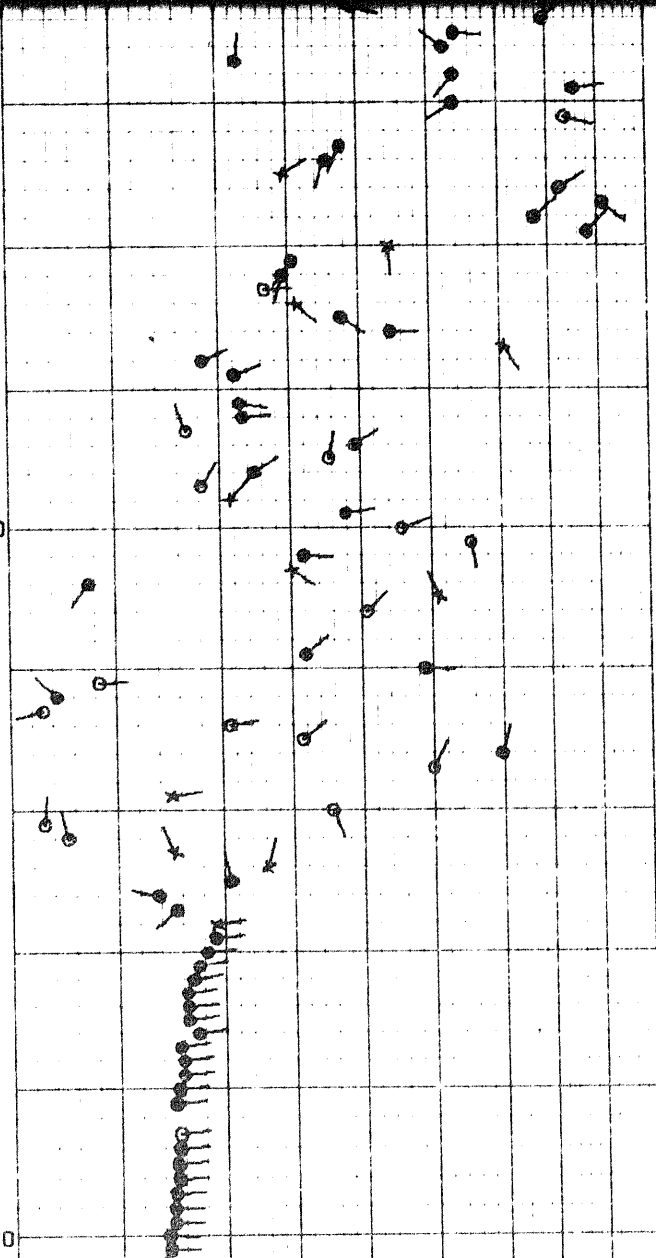
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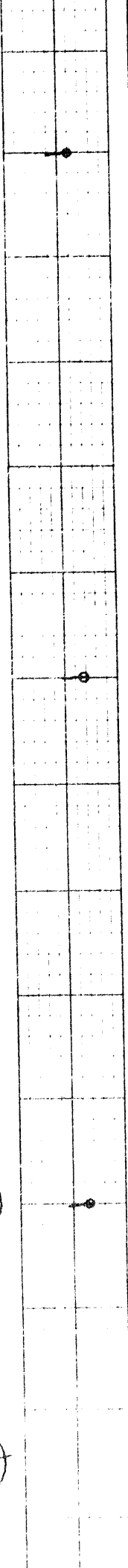
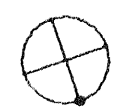
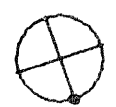
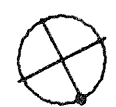
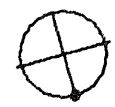
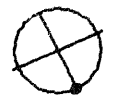
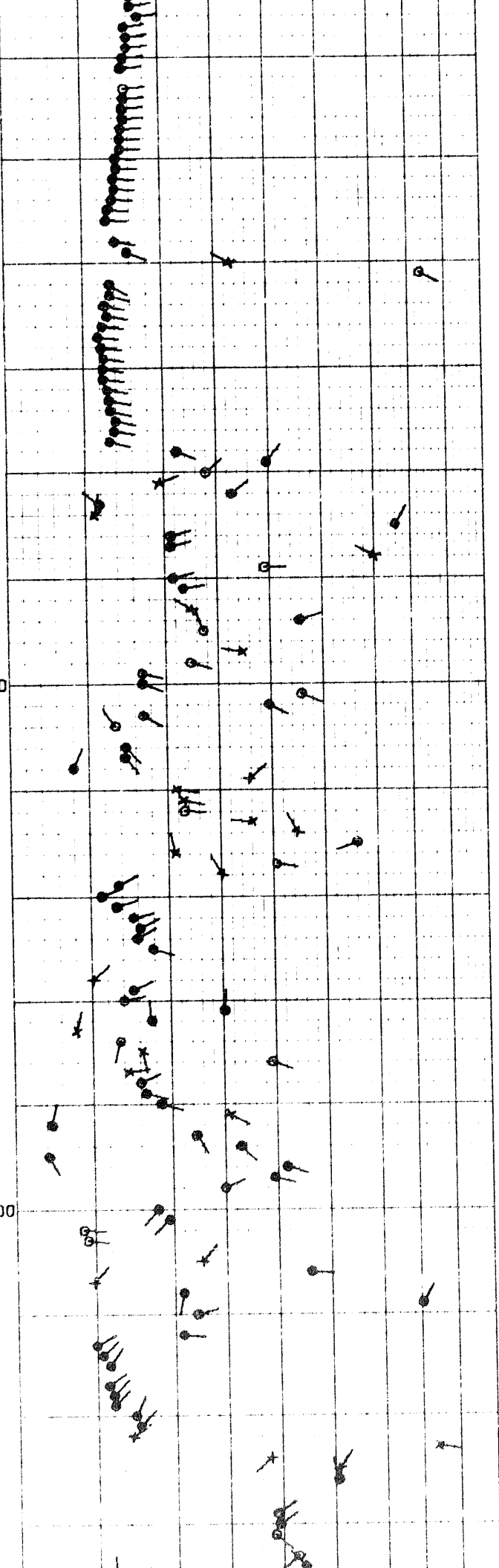
0° 20°

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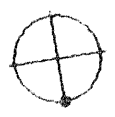
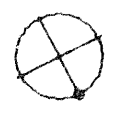
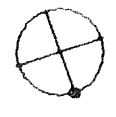
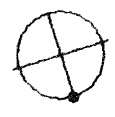
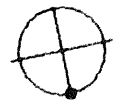
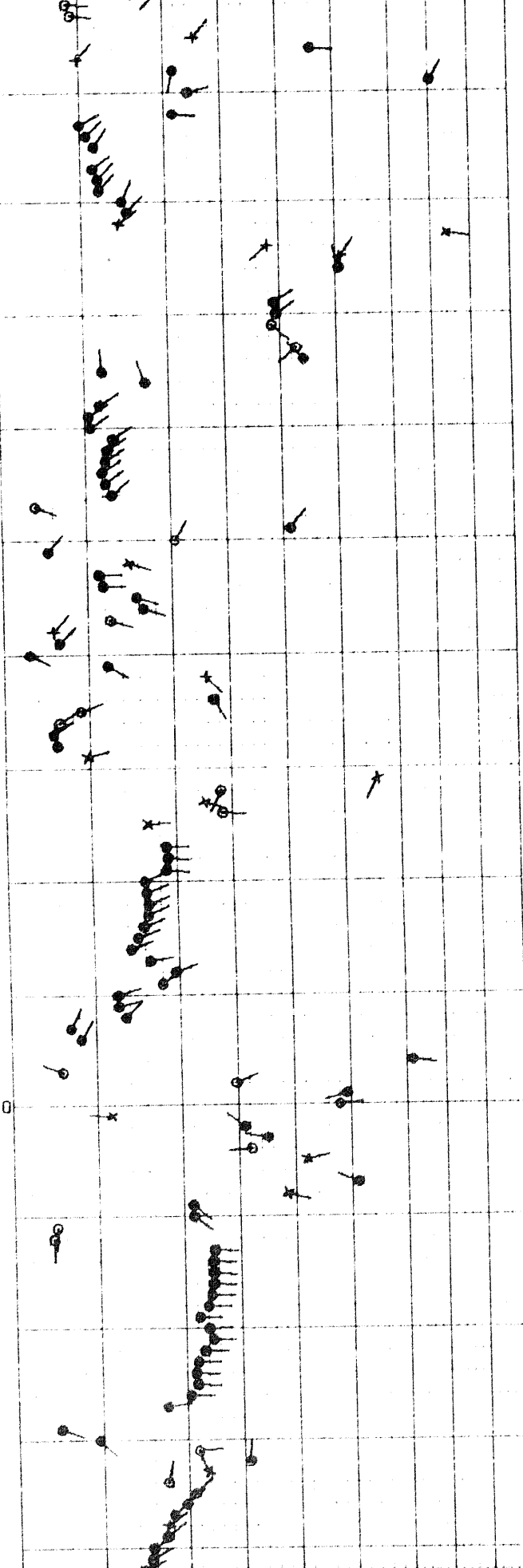
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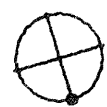
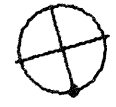
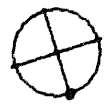
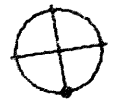
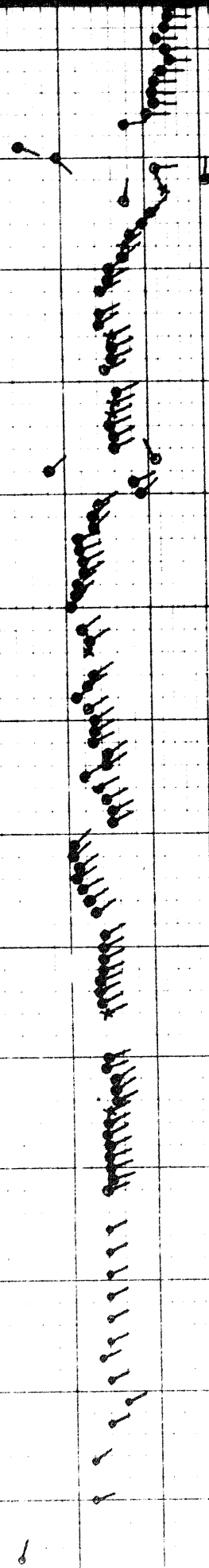


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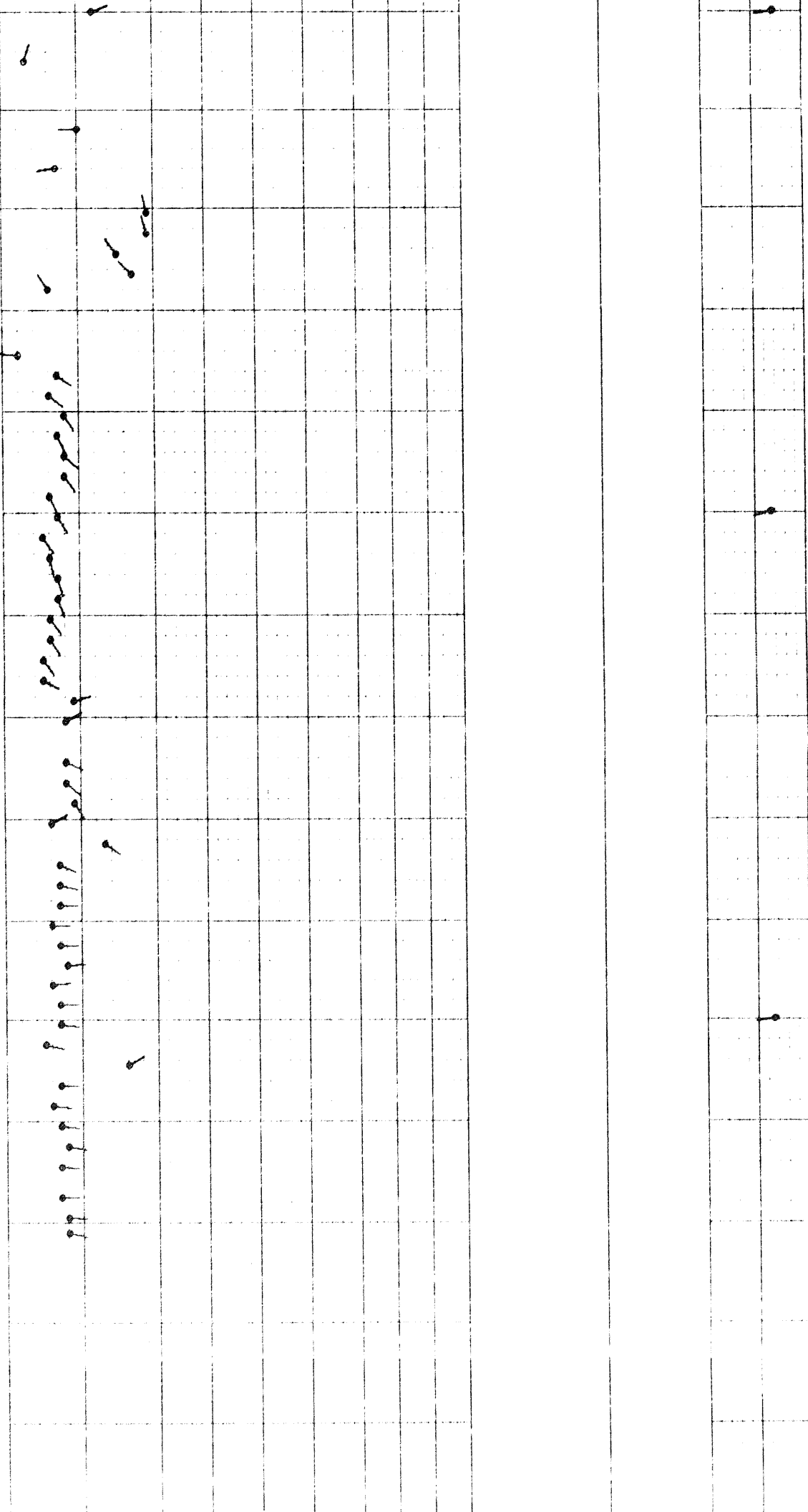
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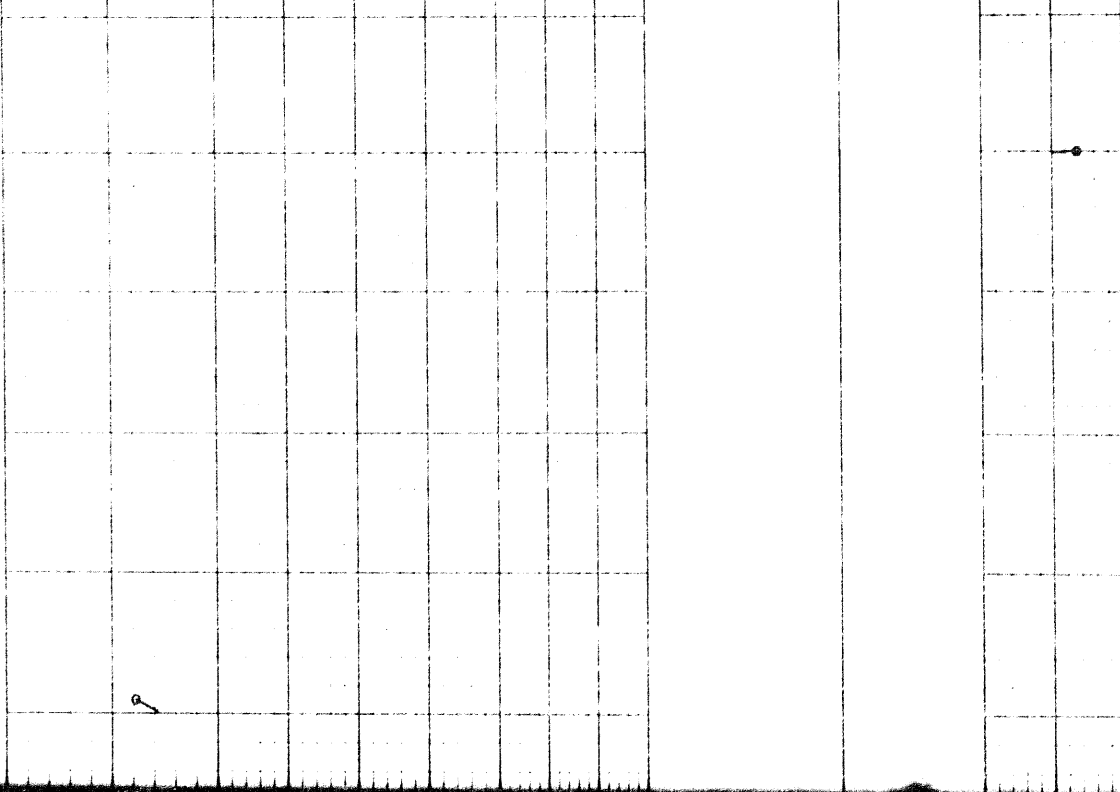
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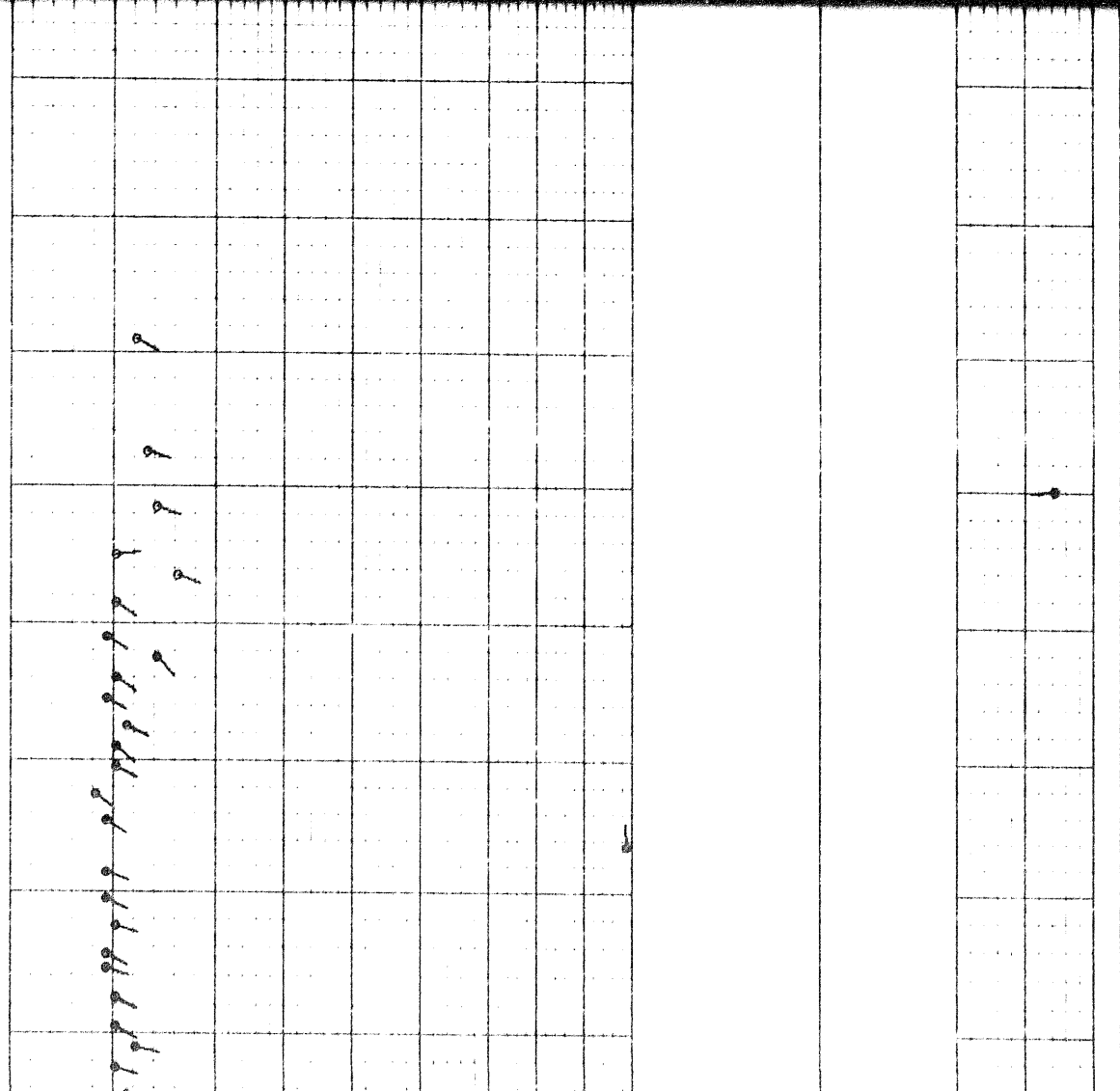
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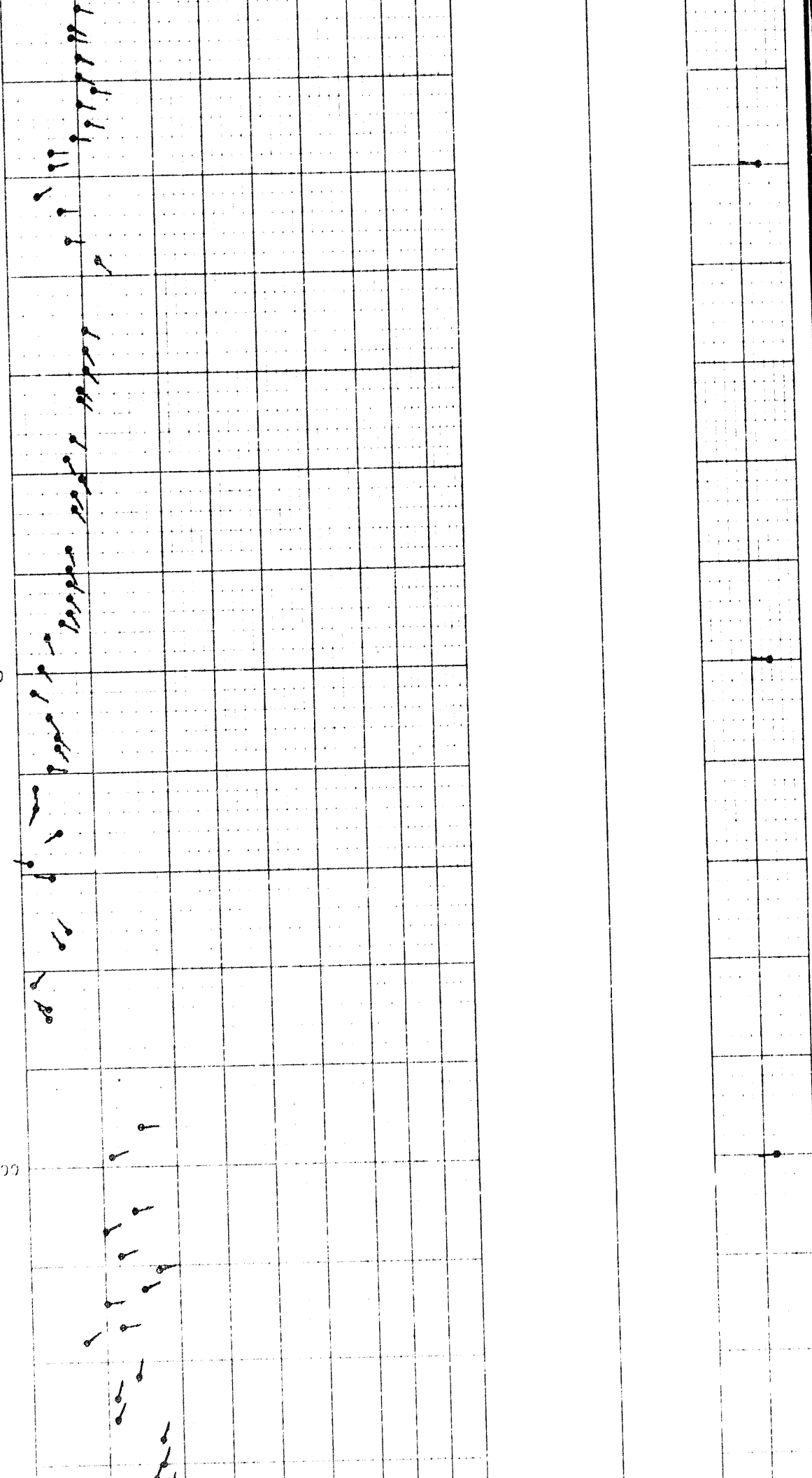


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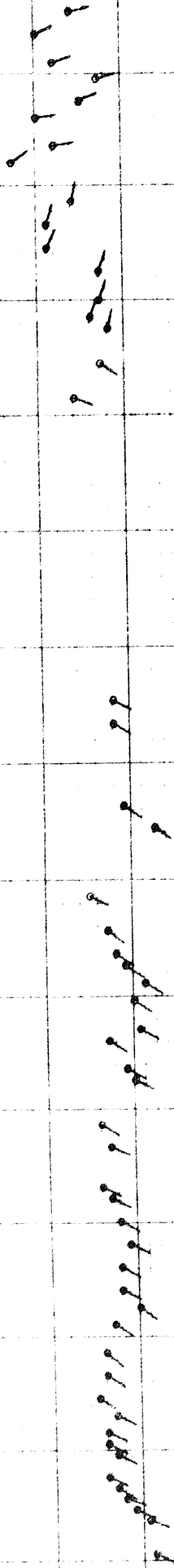
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6700

6800



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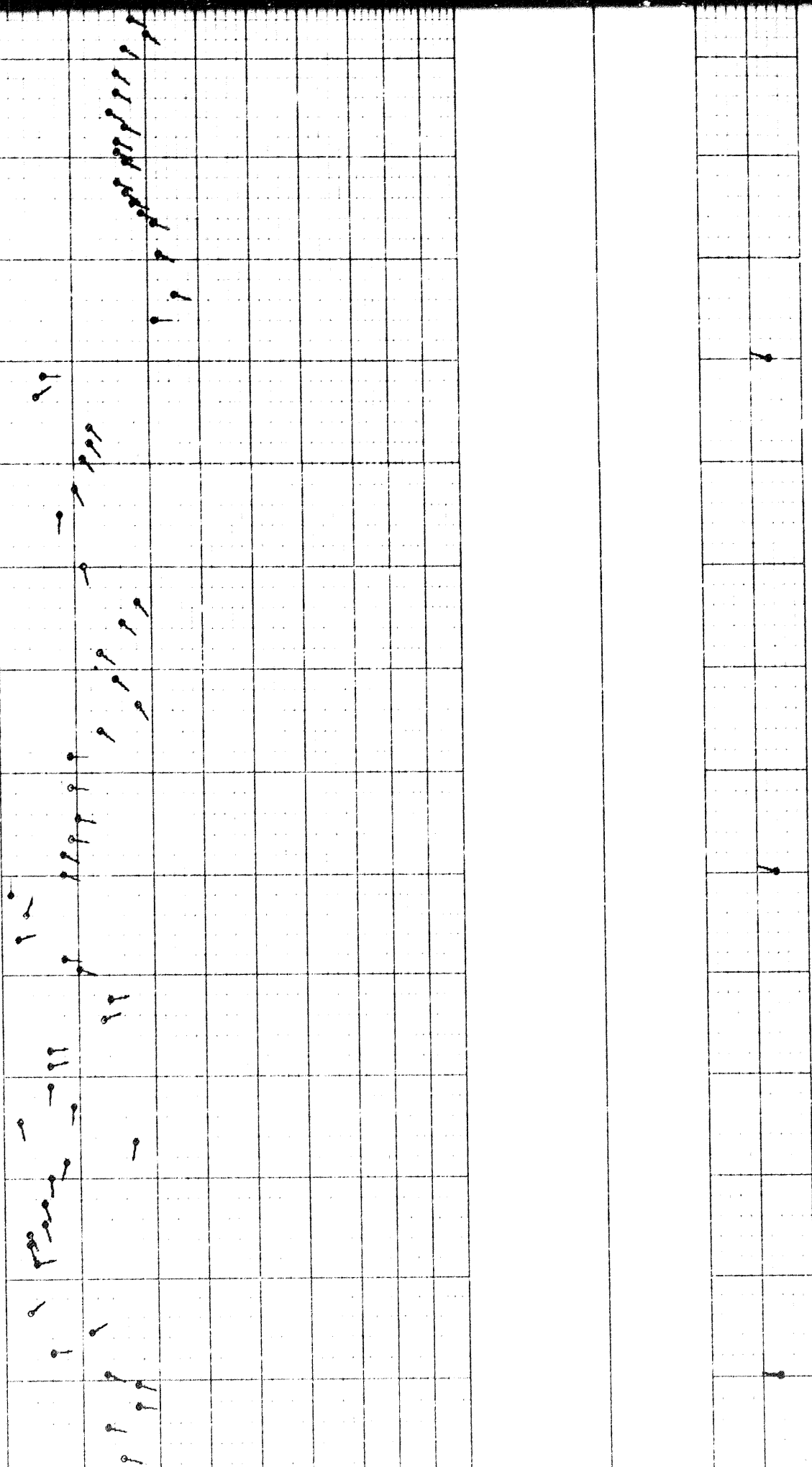
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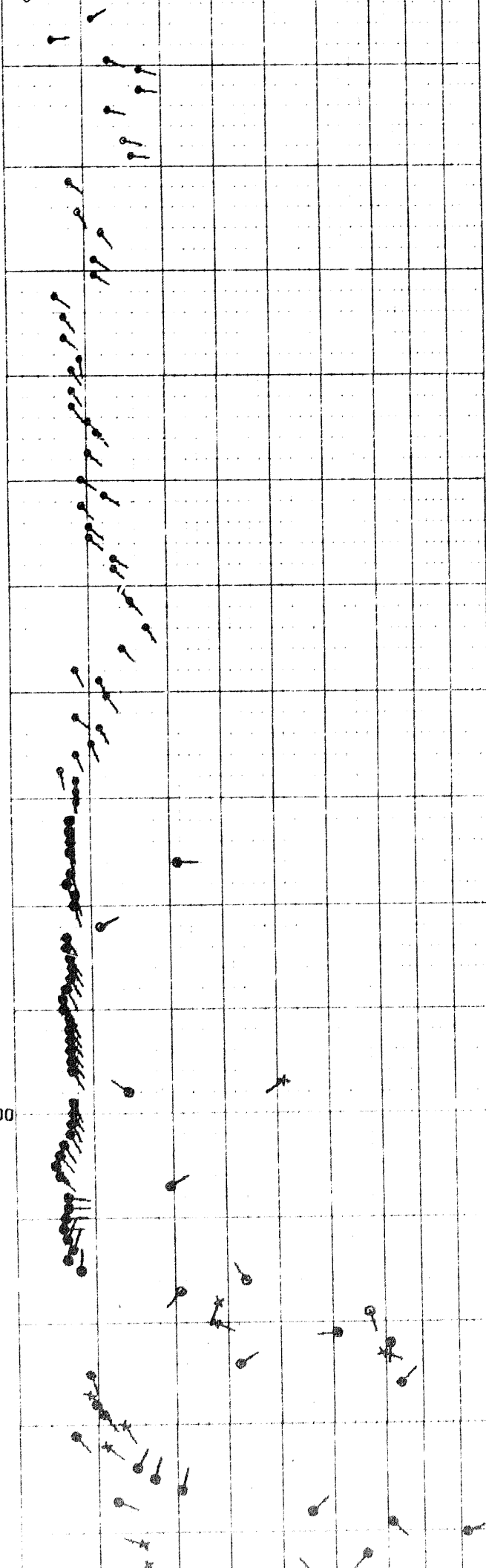
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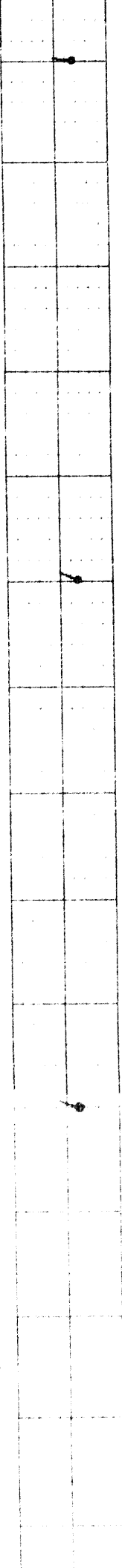
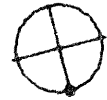
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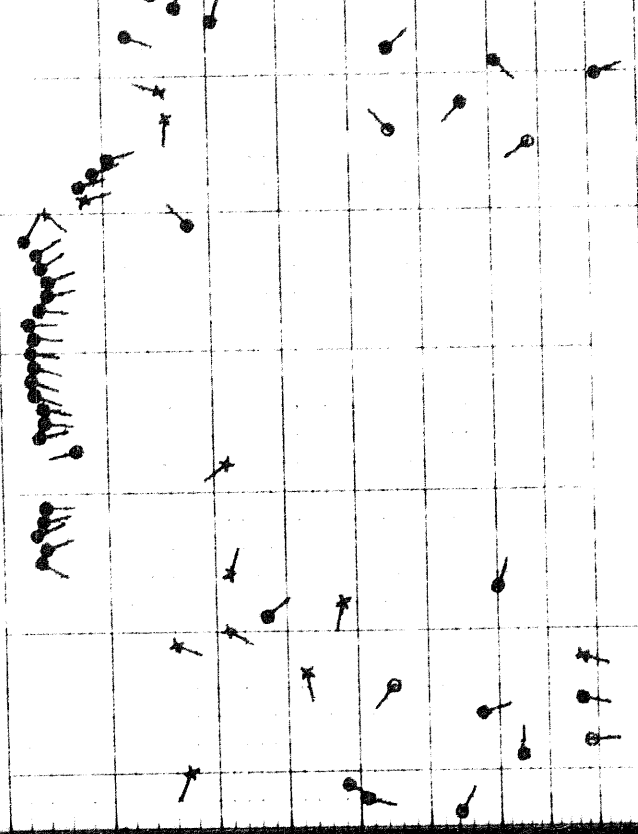
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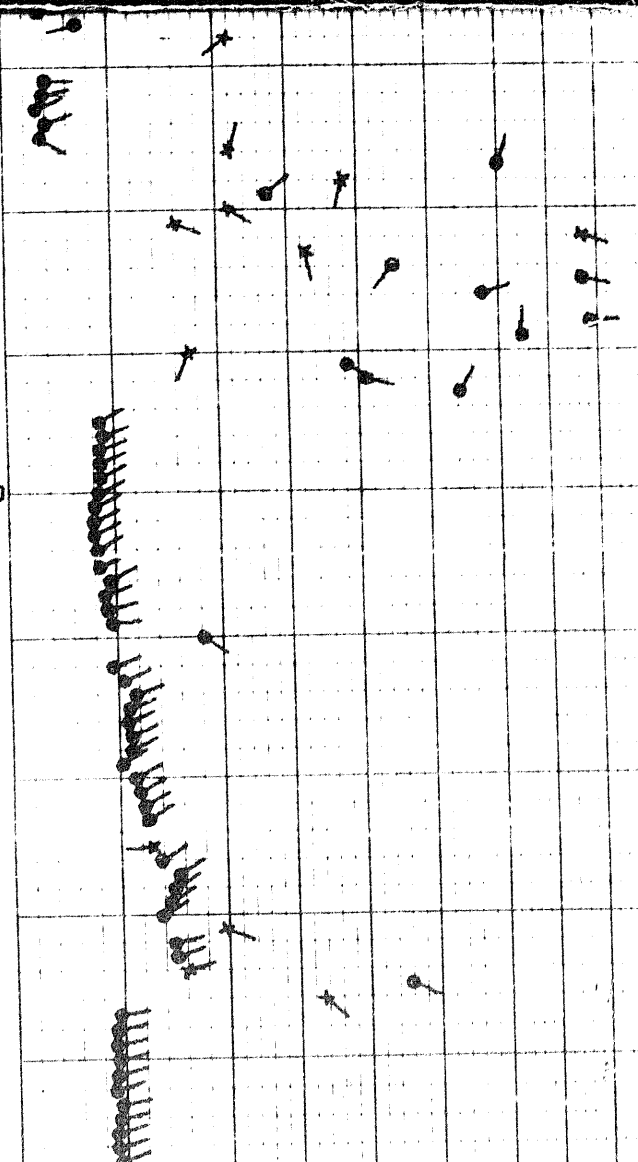
F3 4230 KH



7400



7500



4230RH

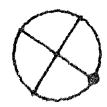
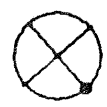
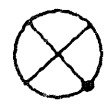
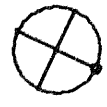
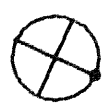
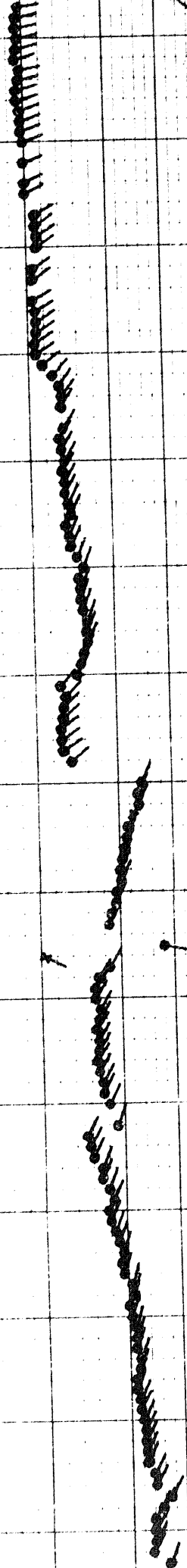


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7600

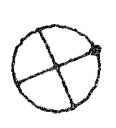
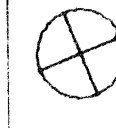
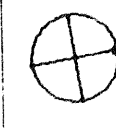
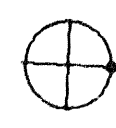
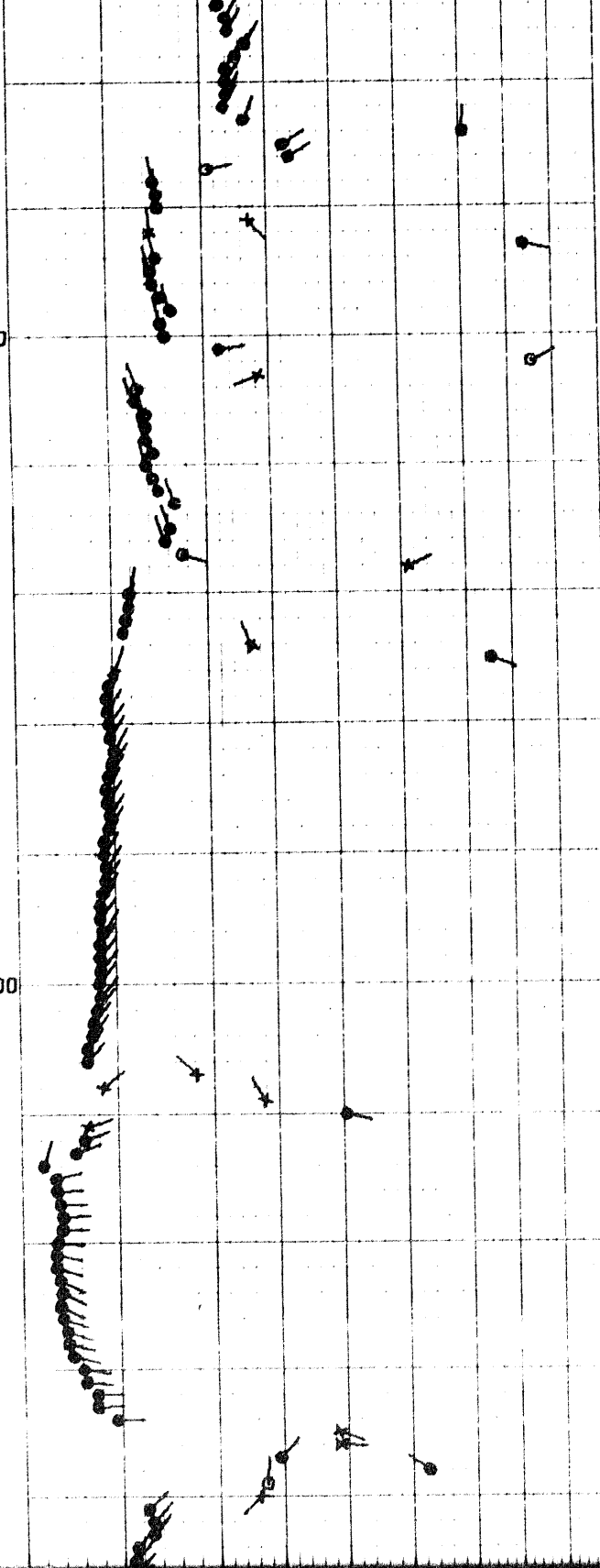
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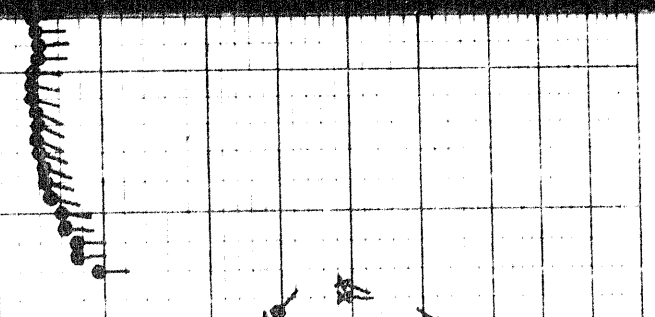


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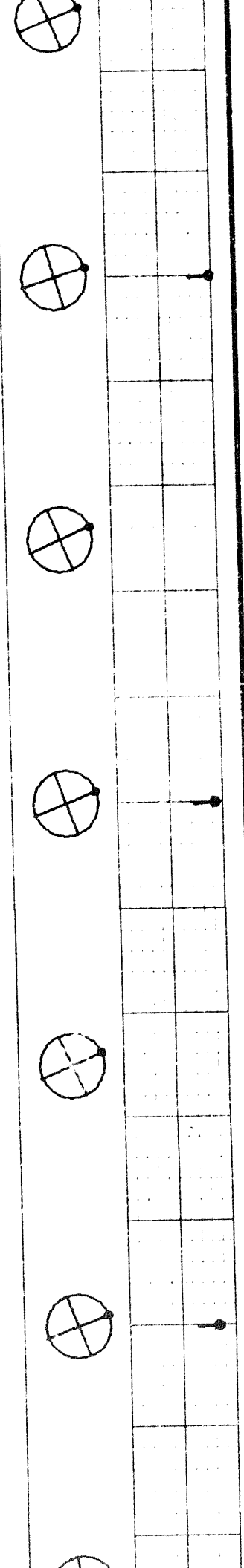
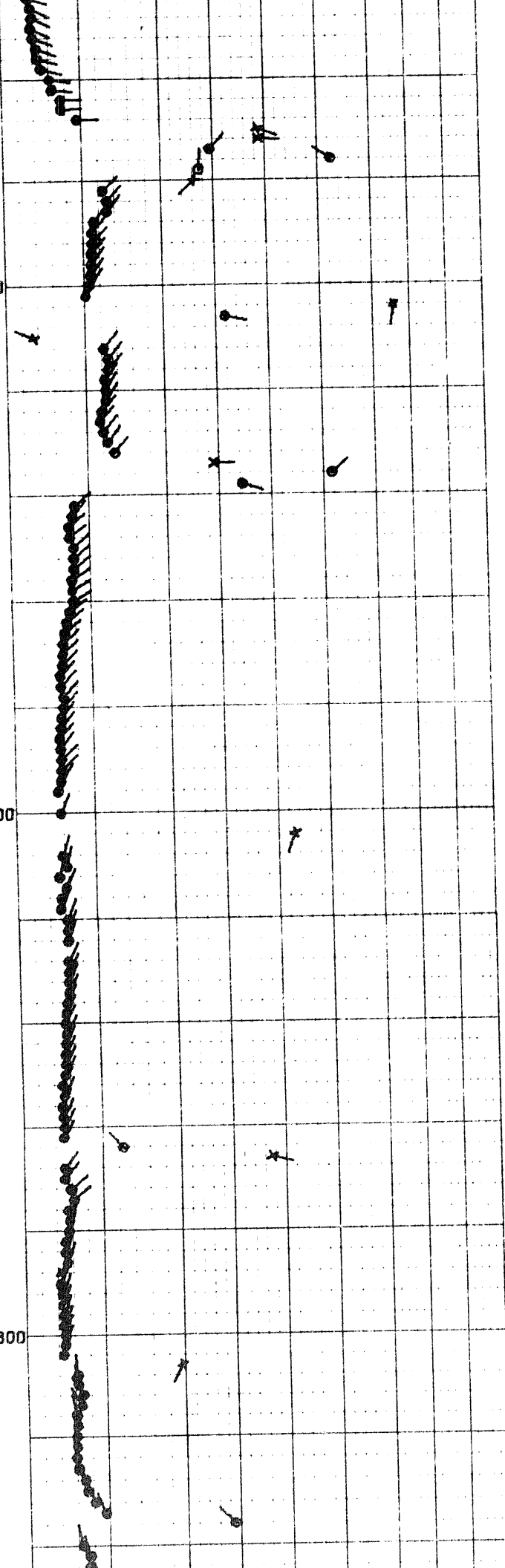


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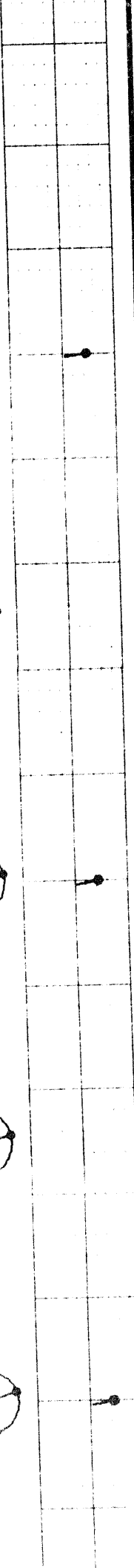
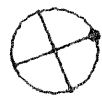
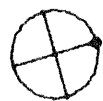
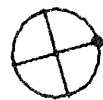
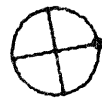
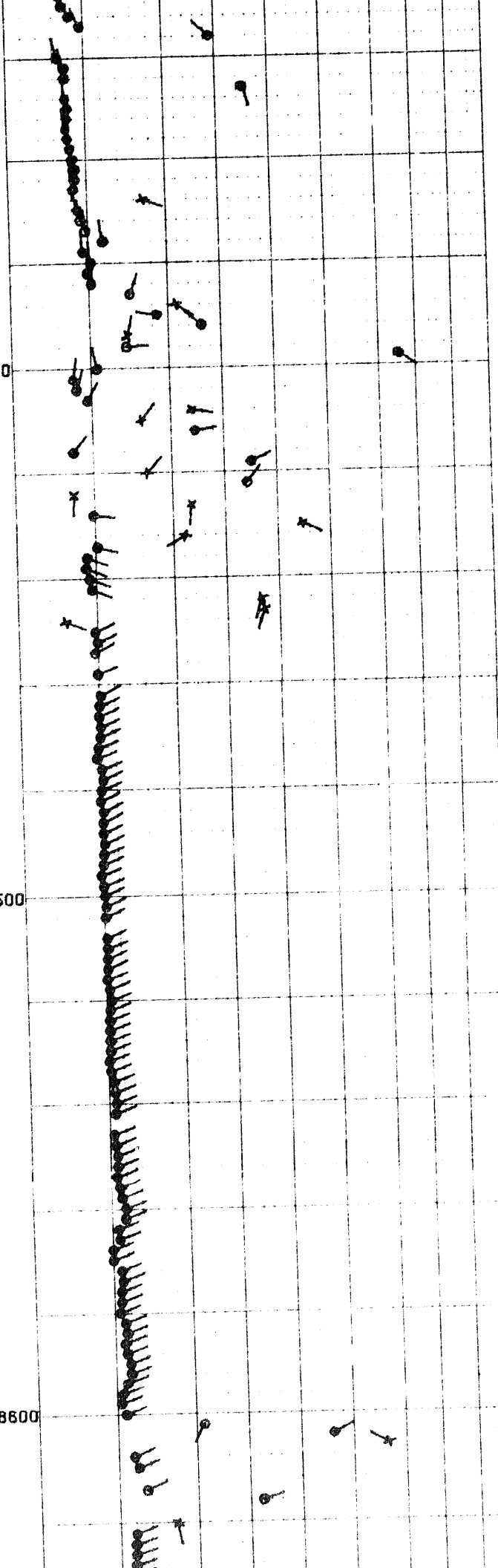
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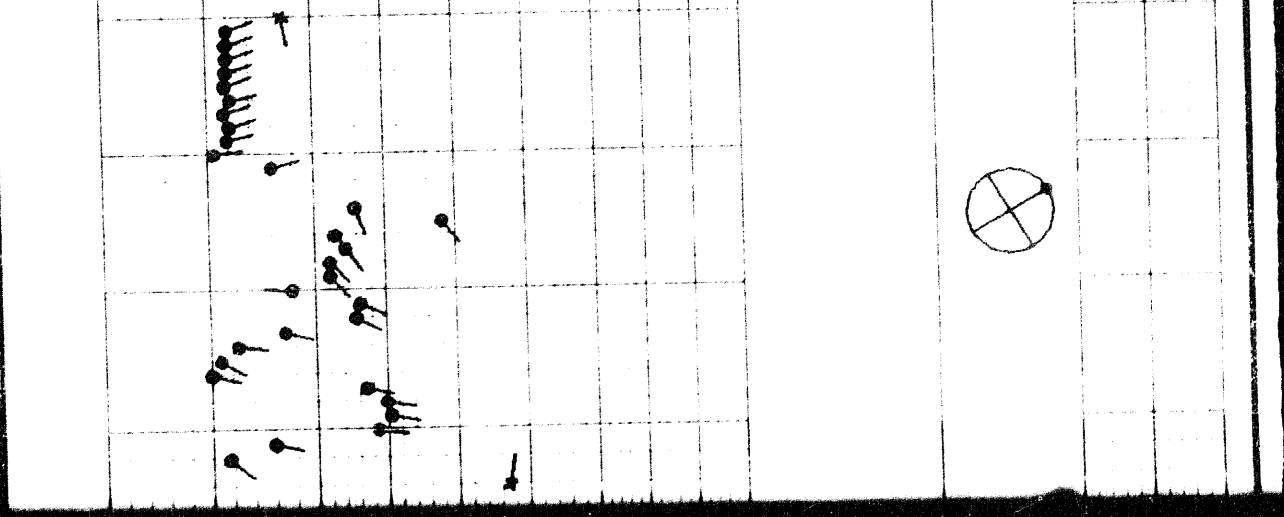
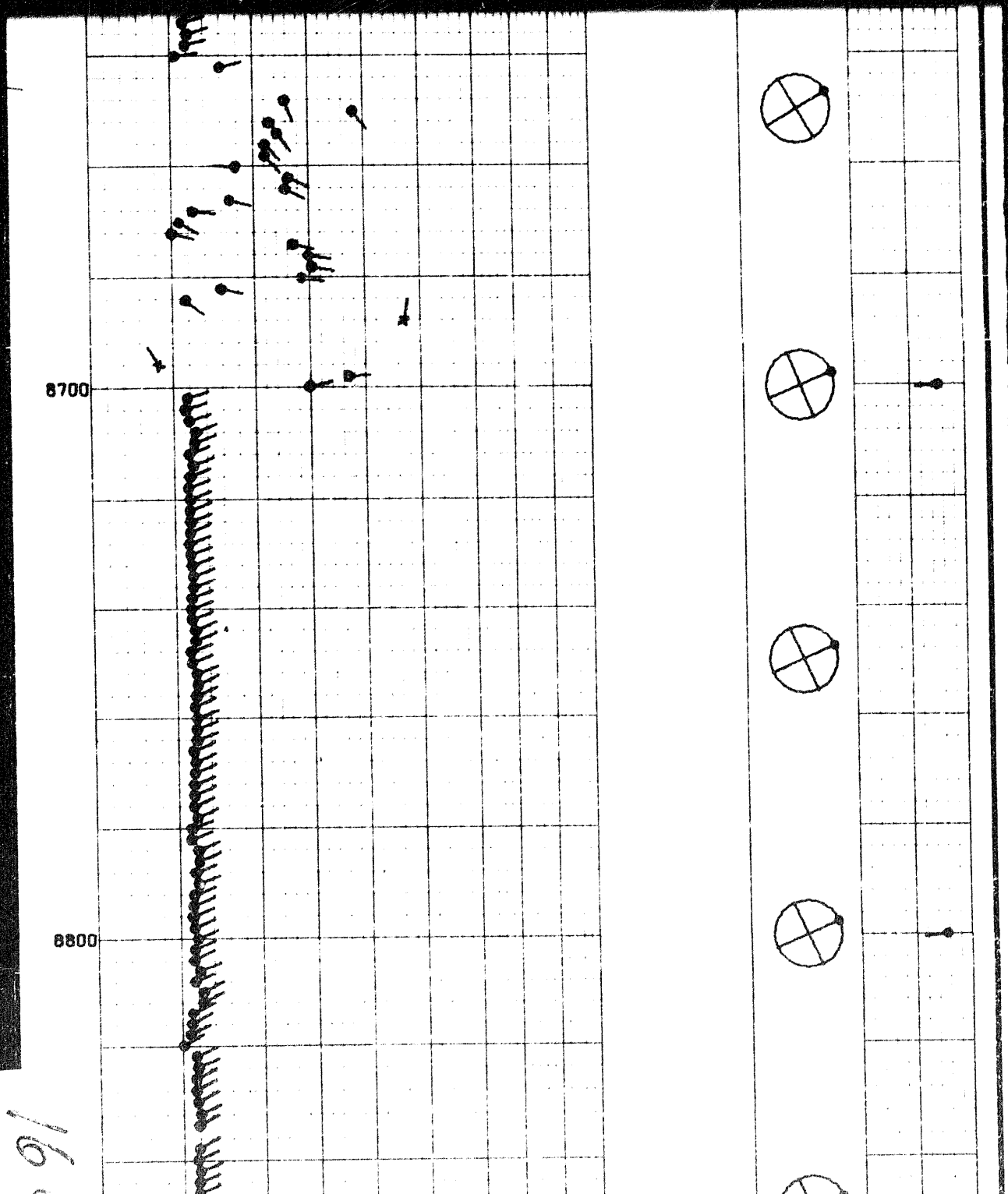


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8600



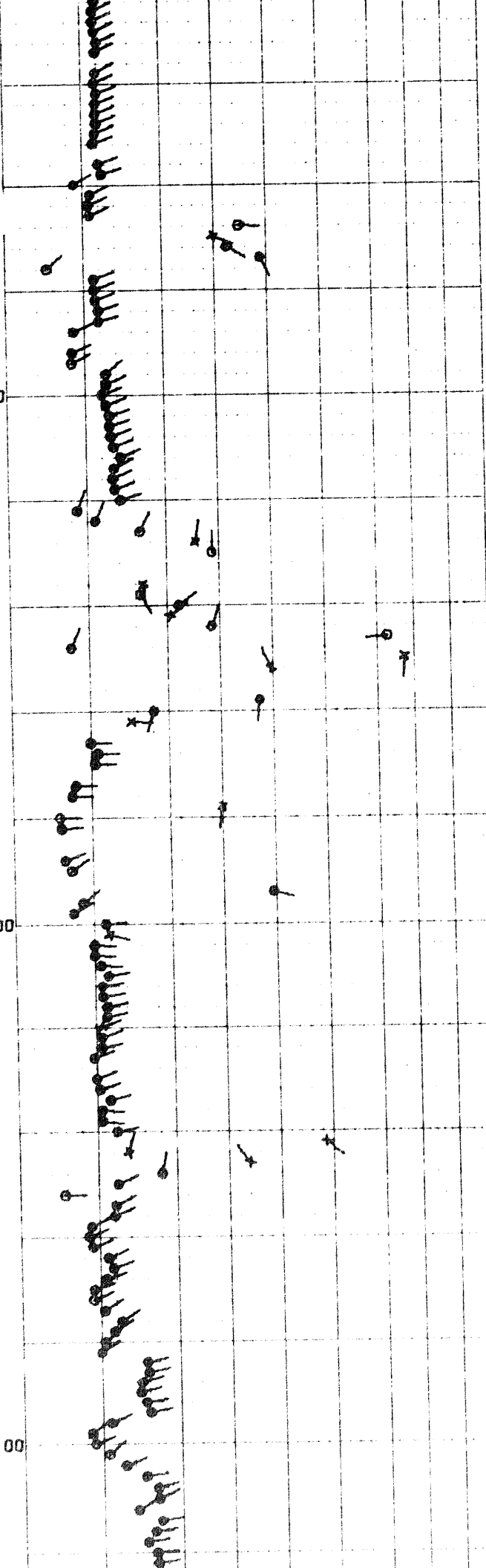


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8900

9000

9100



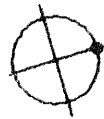
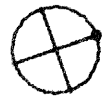
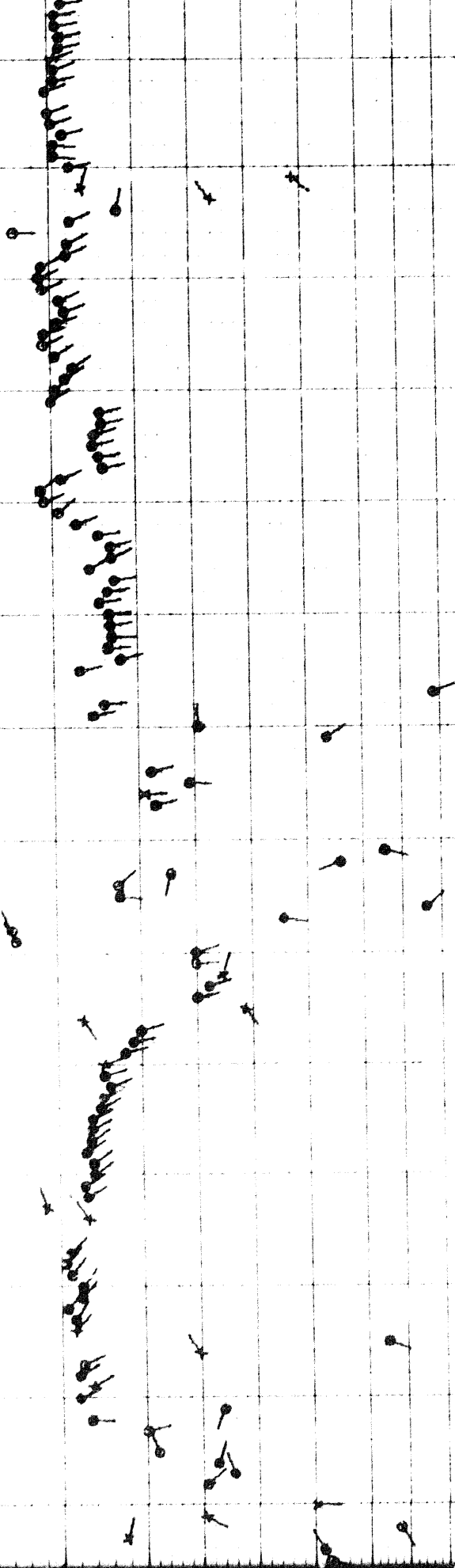
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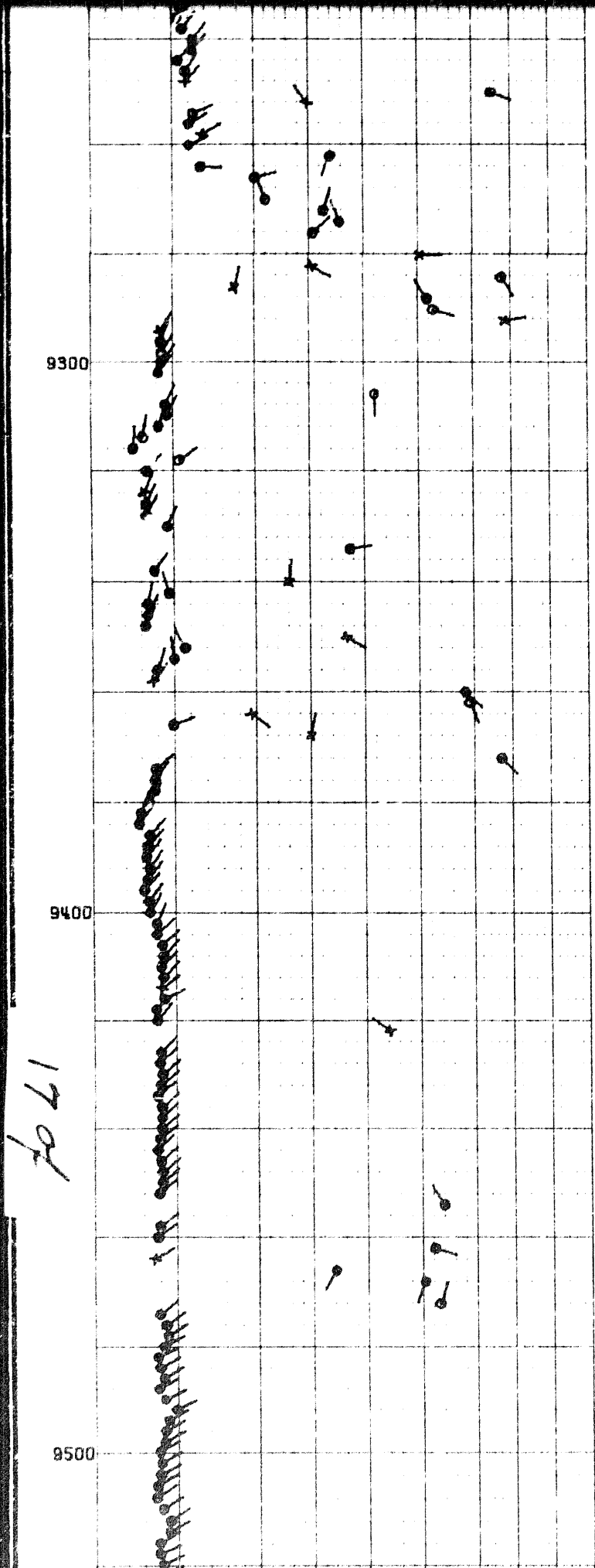
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20

●

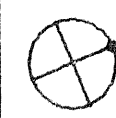
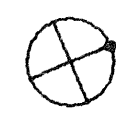
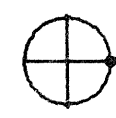
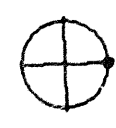


9300

9400

9500

17 of



0°

10°

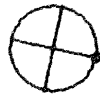
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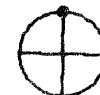
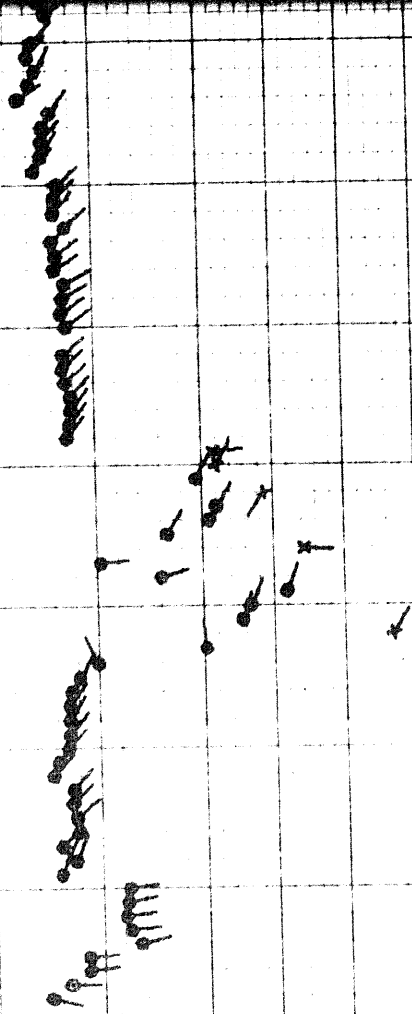
9800



9800



9900



10000

Run 2 ↔ Run 3

258

Run 3

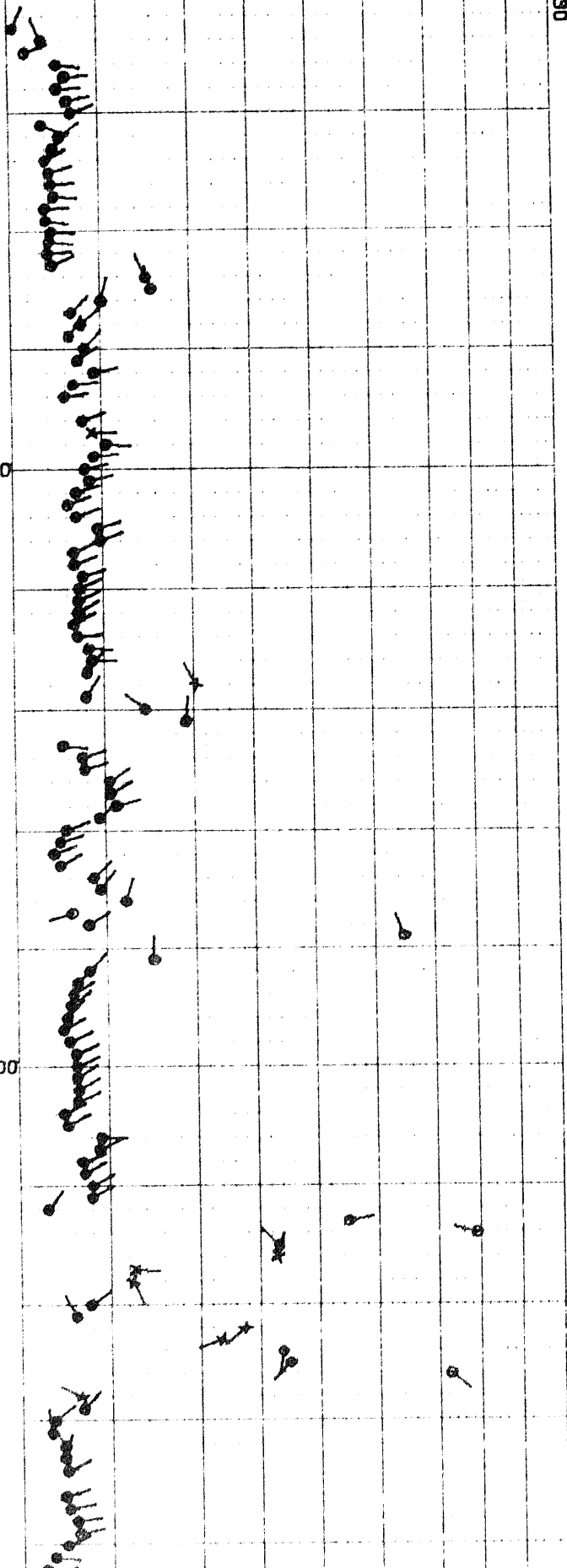
2389F5 4290

10000

10100

10200

188
7081



10300



10400

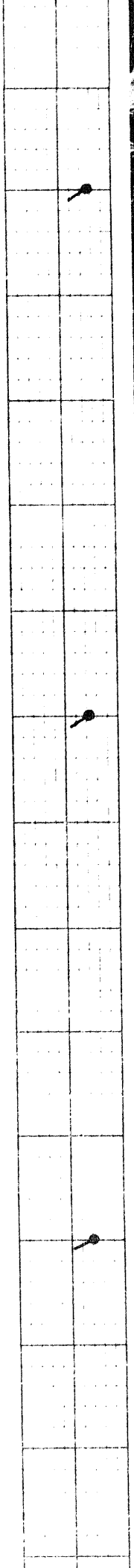
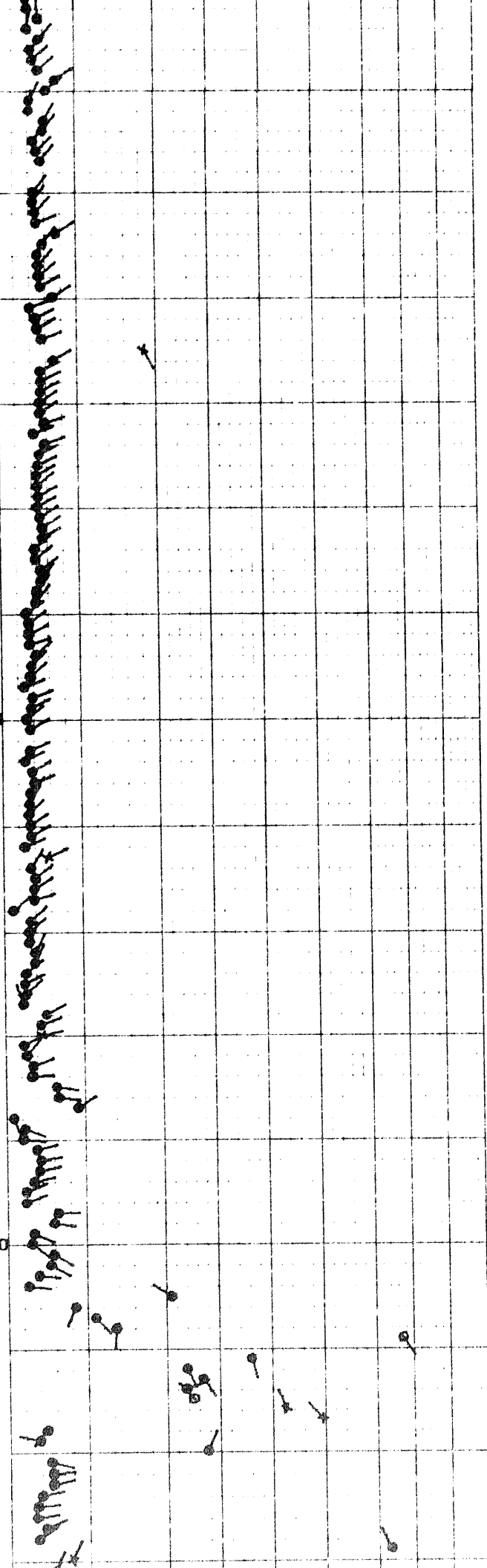


1901

10500

10600

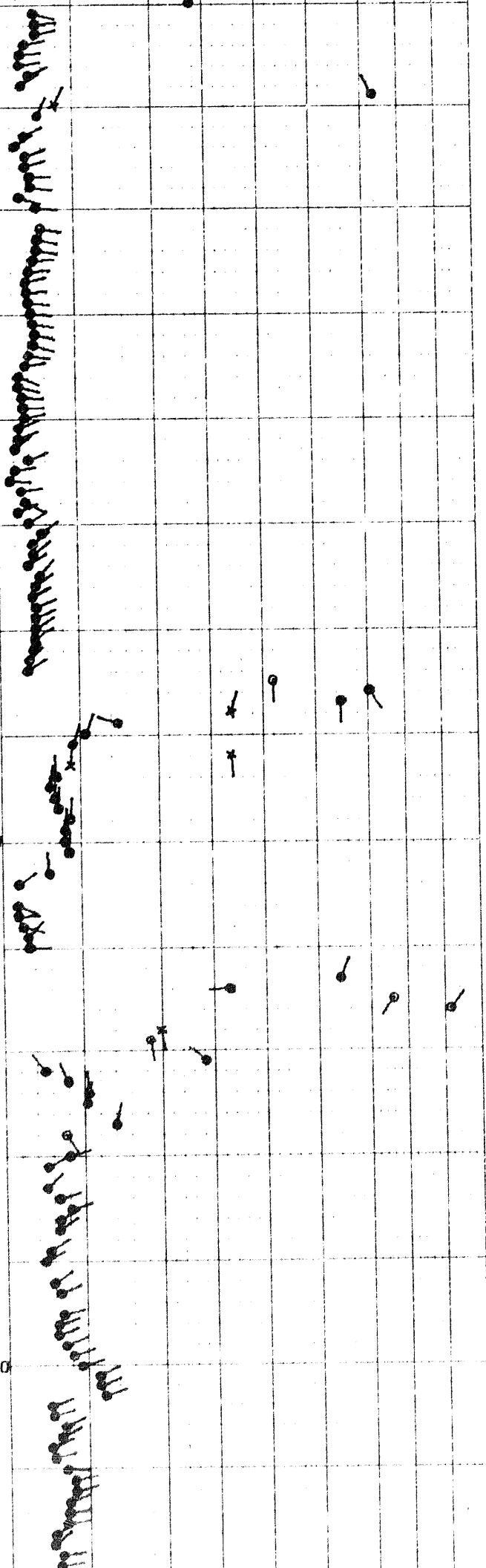
10700



10800

10800

11000



u

11100

Handwritten musical notation on a staff, including notes and rests.

11200

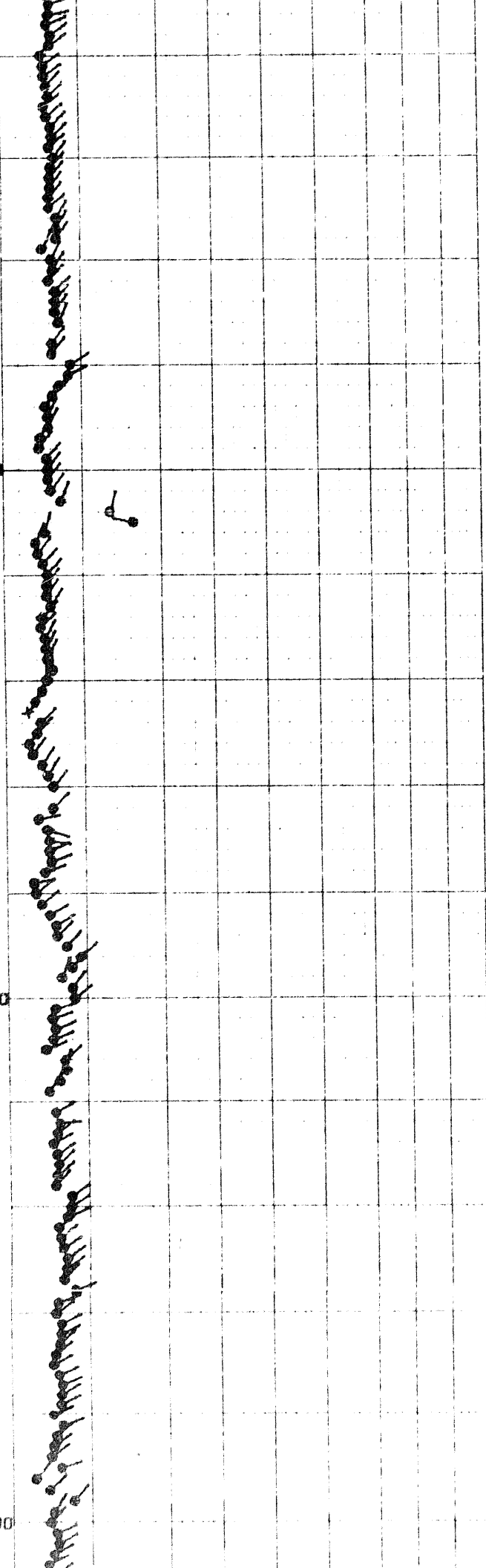


2007

11900

11400

11500



h

F2 4230



h

h

h

11500

11600

F2 4230



11700

11800

11900

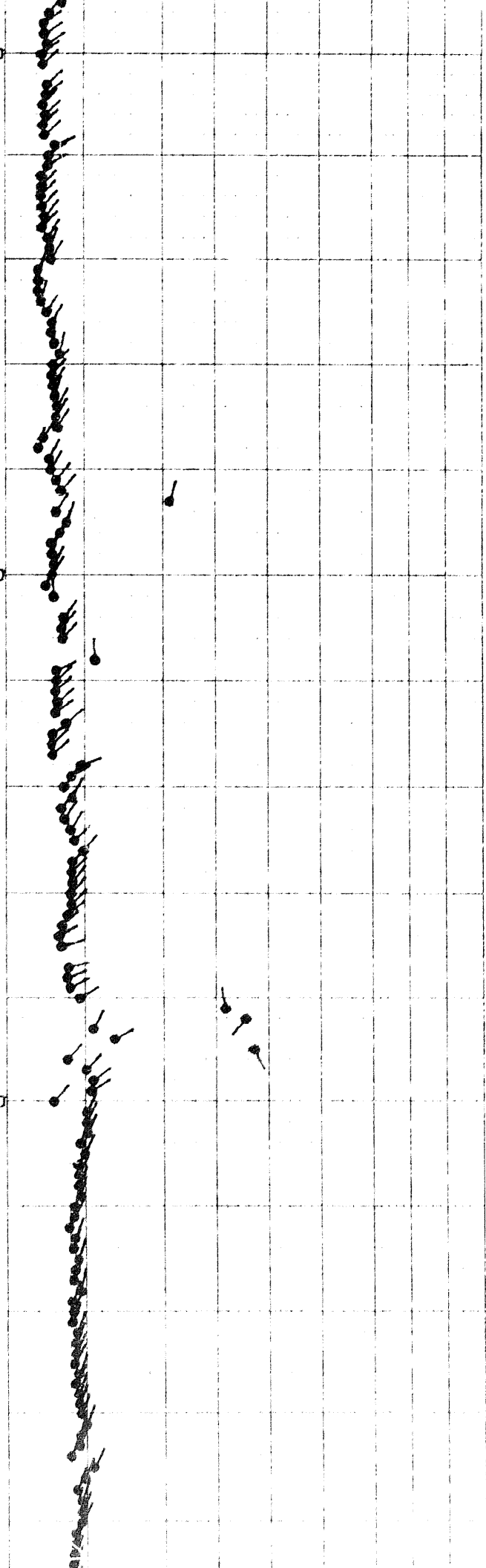


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11900

12000

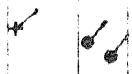
12100



12200



12300



2200

2201

12400

12500

12600

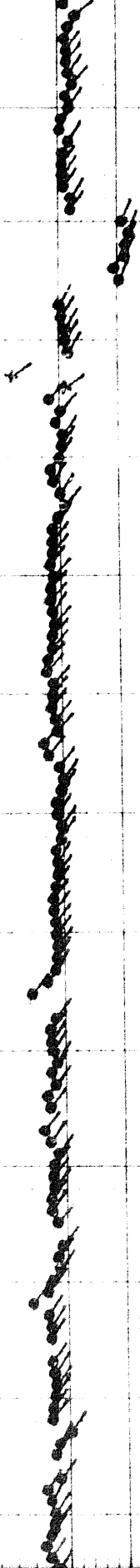


0° 20°



12700

12800

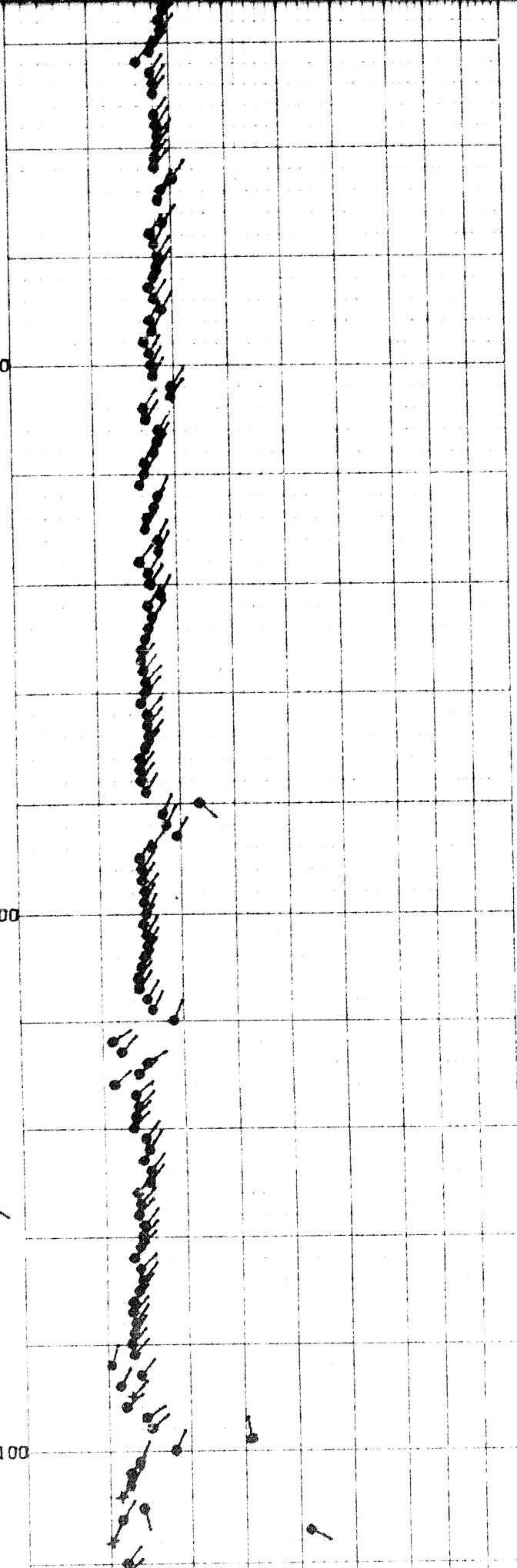


12900

13000

13100

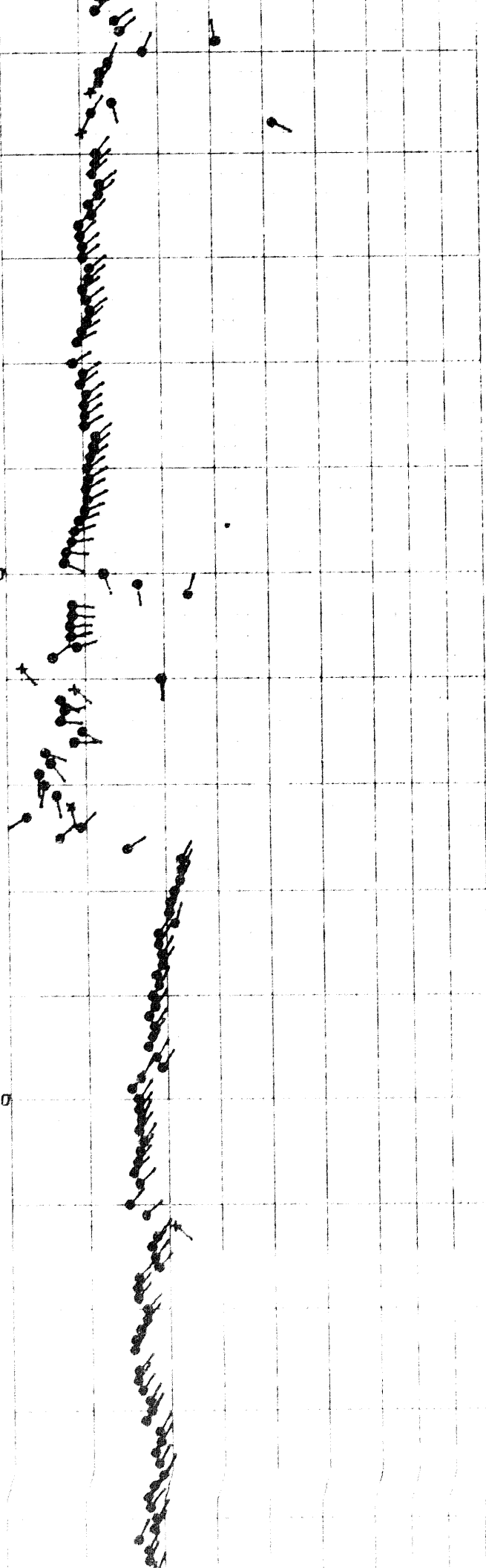
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13200

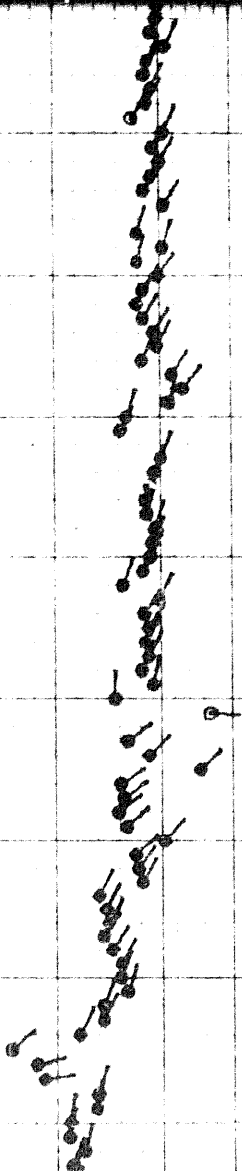
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13400



13500

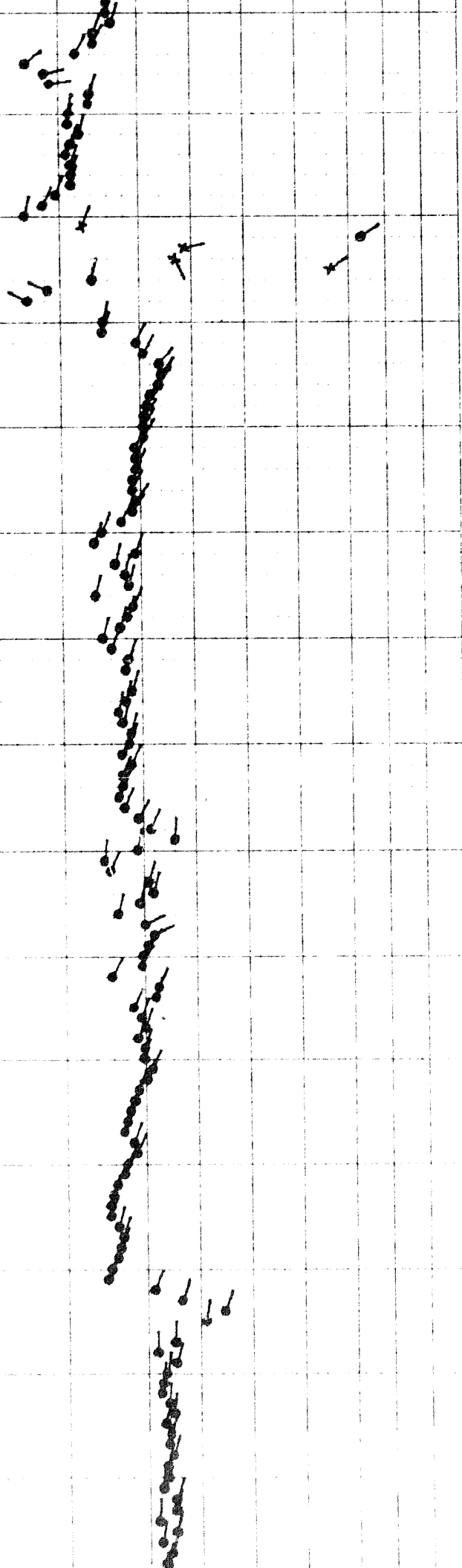


240x

13600

13700

13800



13800

13900

14000

7400

REPEAT SECTION

2356F2 4230RH



25825

13900

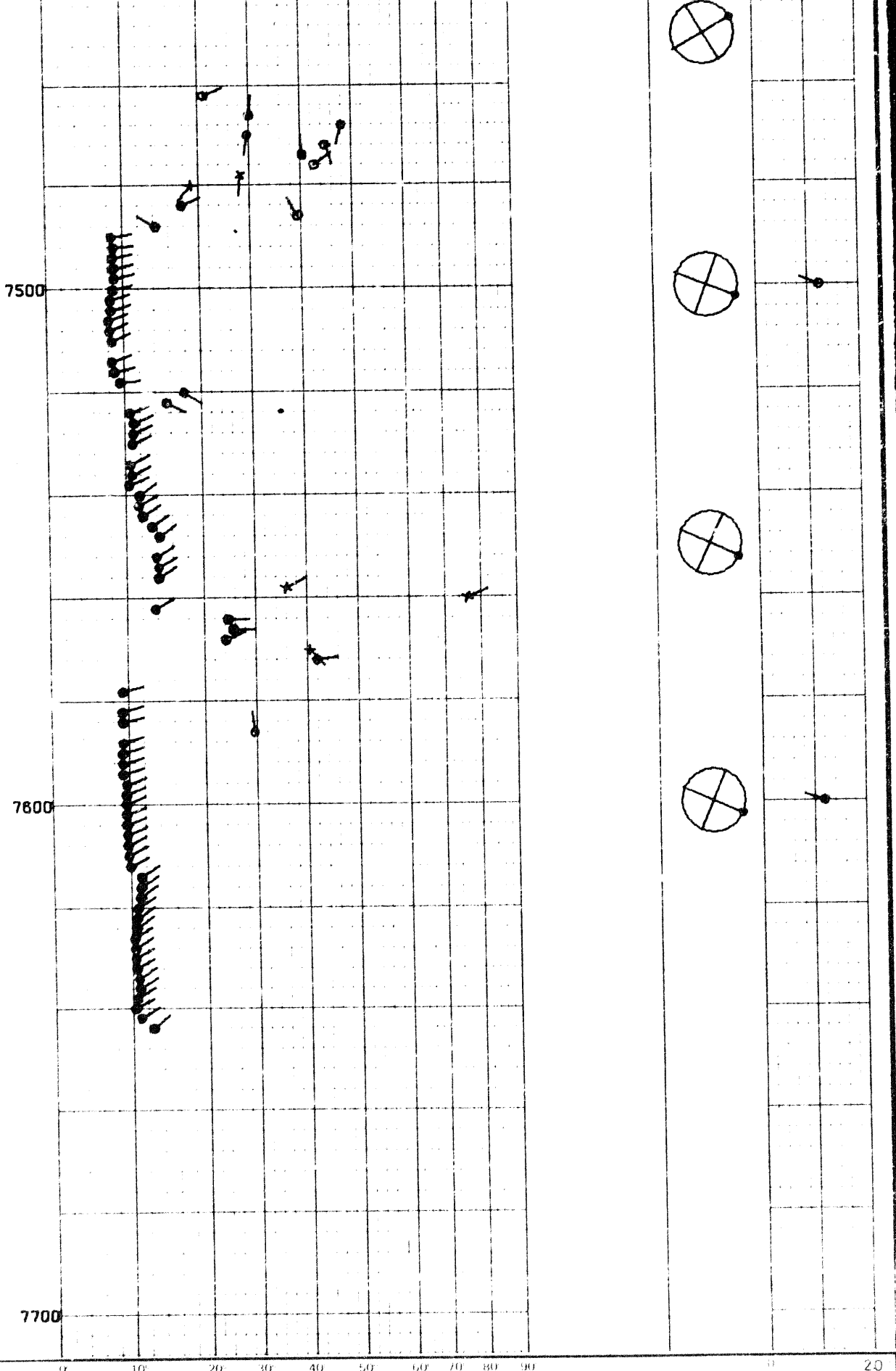
14000

7400

REPEAT SECTION

2356F2 4230RH



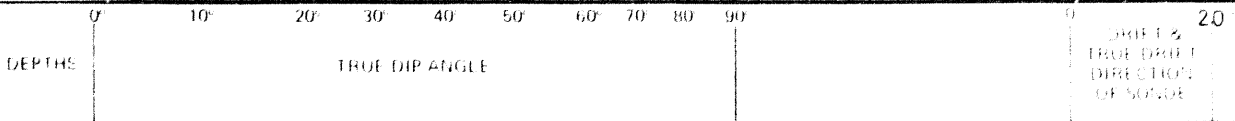


DEPTHS
 TRUE DIP ANGLE
 0 10 20 30 40 50 60 70 80 90
 20

COMPANY IMPERIAL OIL ENTERPRISES LTD.



7700



COMPANY IMPERIAL OIL ENTERPRISES LTD.
 WELL IOE BLOW RIVER YI E47-68-20-137-11
 FIELD WILDCAT PROVINCE YUKON



PROVINCE YUKON
 FIELD WILDCAT
 WELL IOE BLOW RIVER YI
 E47-68-20-137-11

Run No.
 Date
 Depth Driller
 Depth Logger
 Stem Log into
 Top Log into
 Casing Driller
 Casing Logger
 Bit Size
 Type Fluid in
 Dens
 Visc
 pH
 Fil
 Source of Sam
 Rim @ Meas 1
 Rim @ Meas
 Rim @ Meas
 Source Rmi
 Rim @ BH
 Time Since C
 Max Rec Ter
 Equipment
 Truck No
 Location
 Recorder By
 Witnessed By

