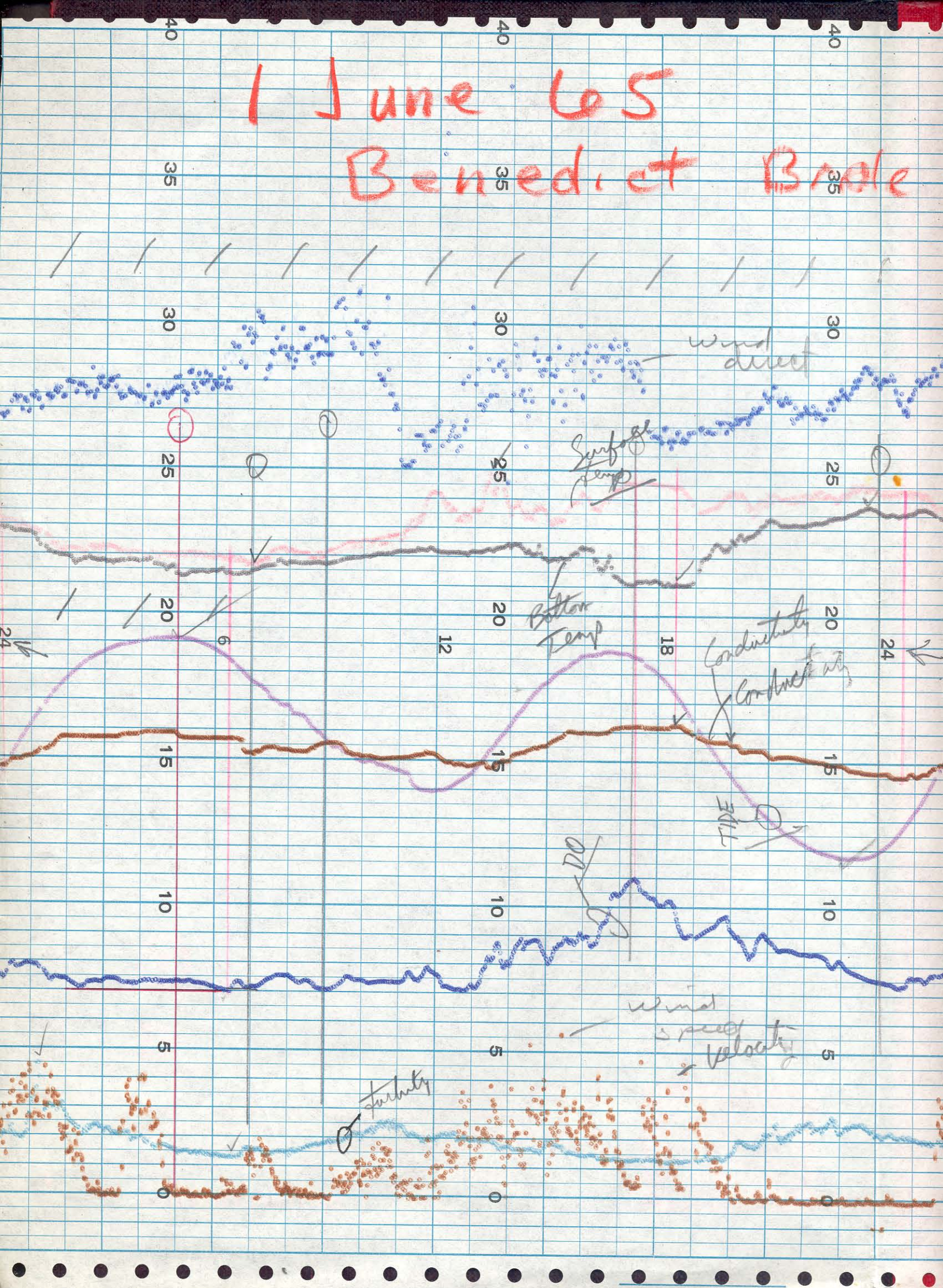
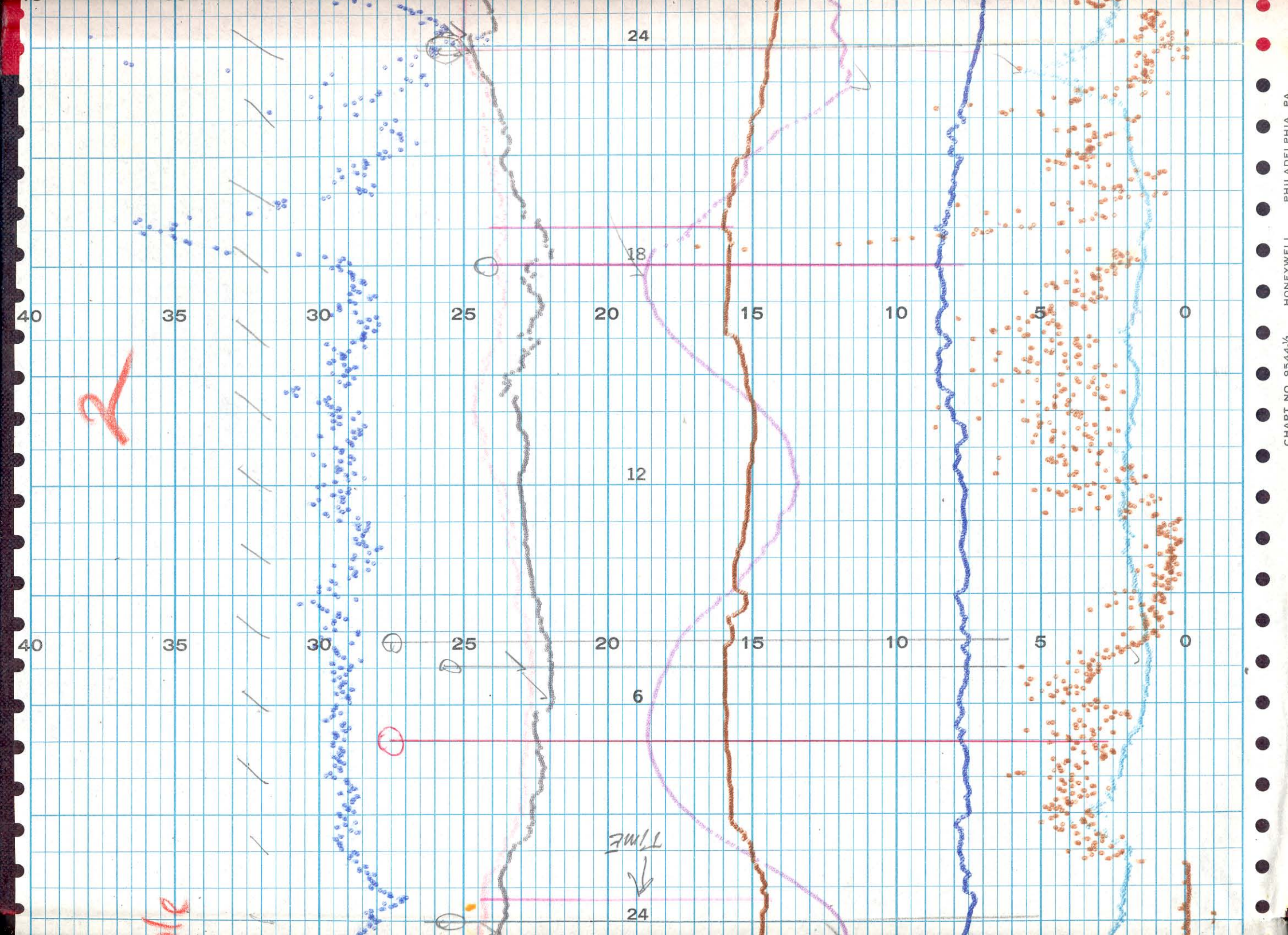
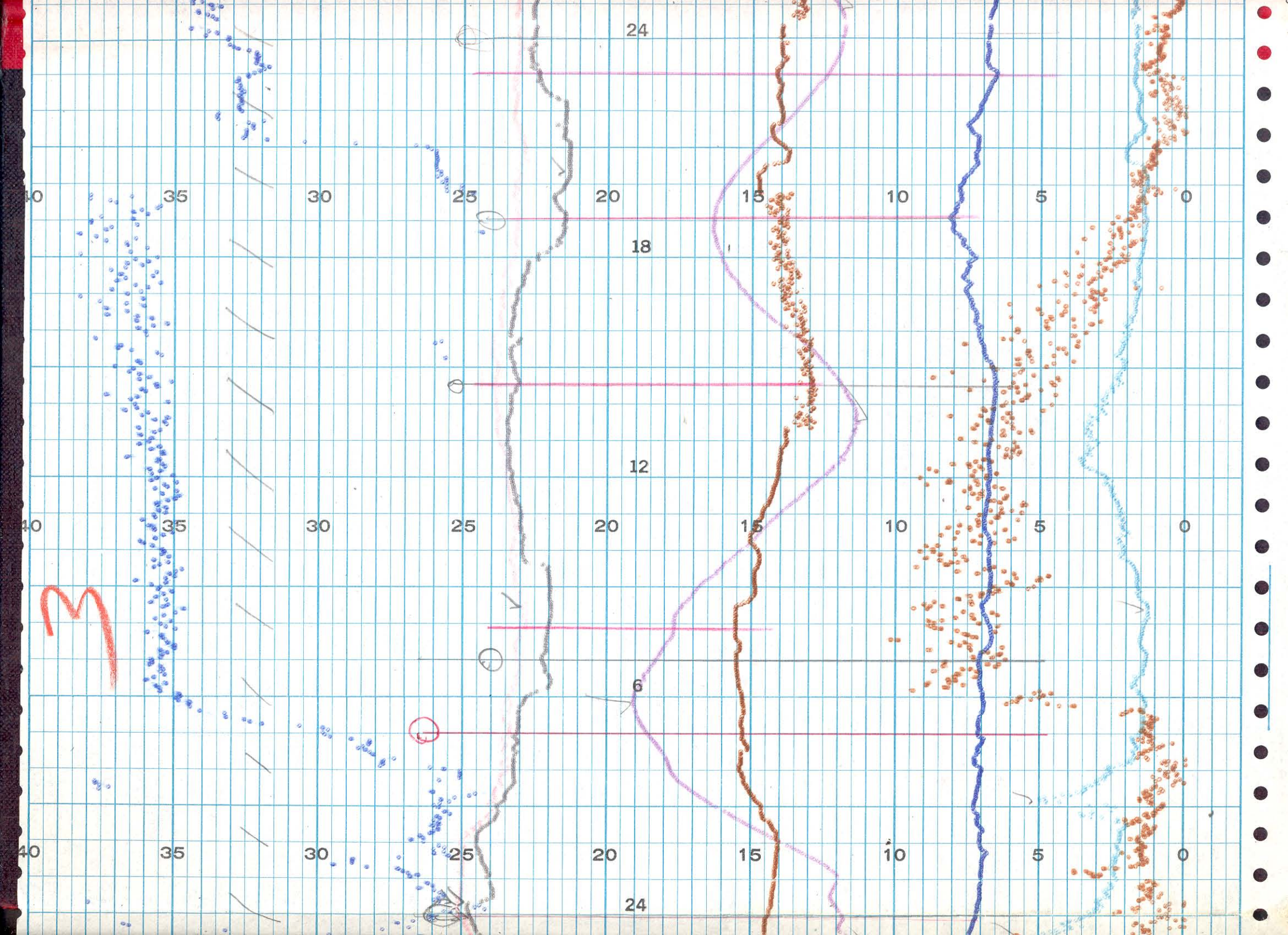

1 June 65
Benedict Brole
wind direct
Surface Temp
Bottom Temp
Conductivity
Conductivity
TIDE
DO
wind speed
velocity
turbidity
CHART NO. 9544-1/3 HONEYWELL PHILADELPHIA, PA.


24
18
40
35
30
25
20
15
10
5
0
12
6
TIME
24
CHART NO. 9544½ HONEYWELL PHILADELPHIA PA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5
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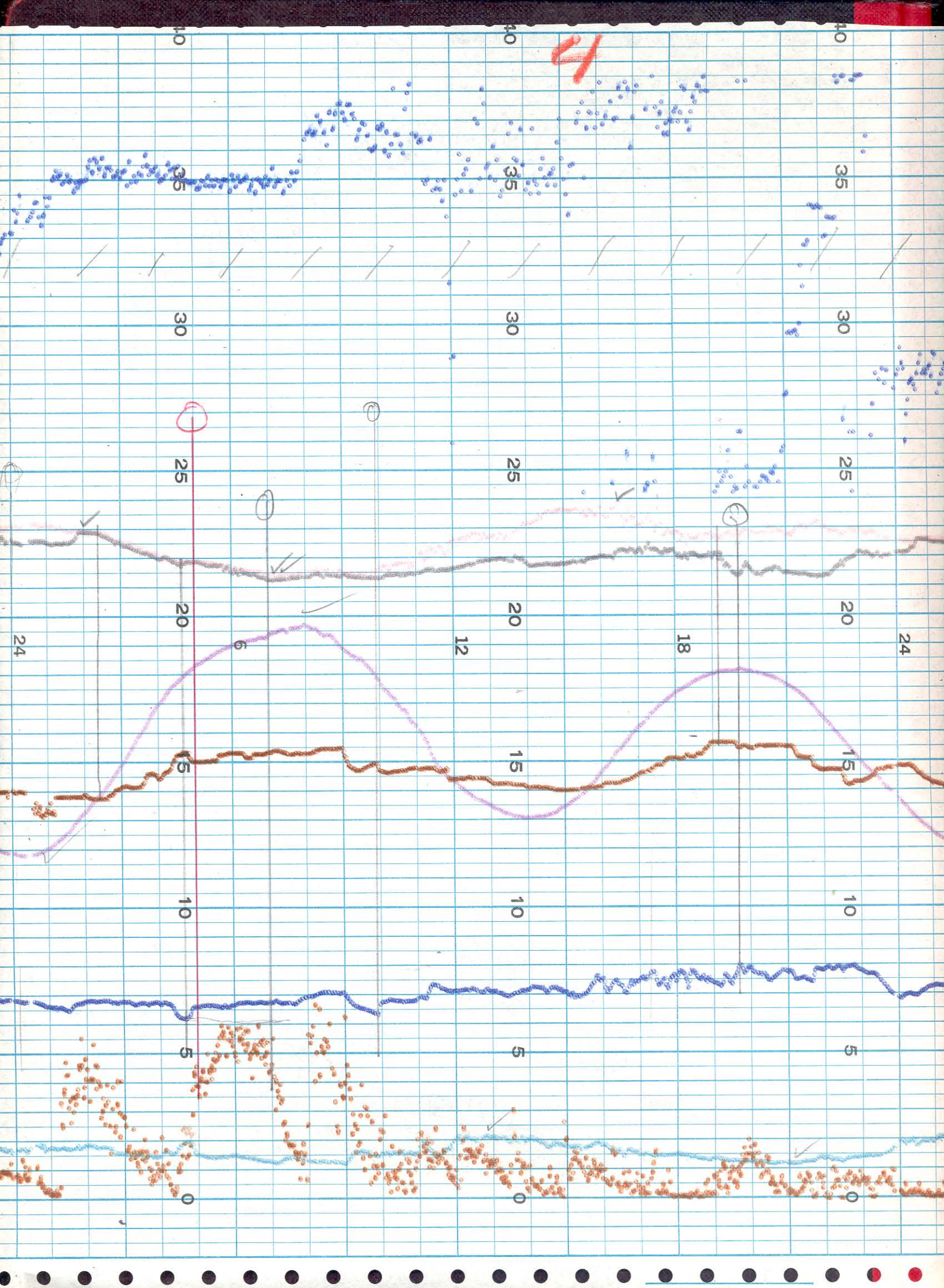
4
40
35
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25
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10
5
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18
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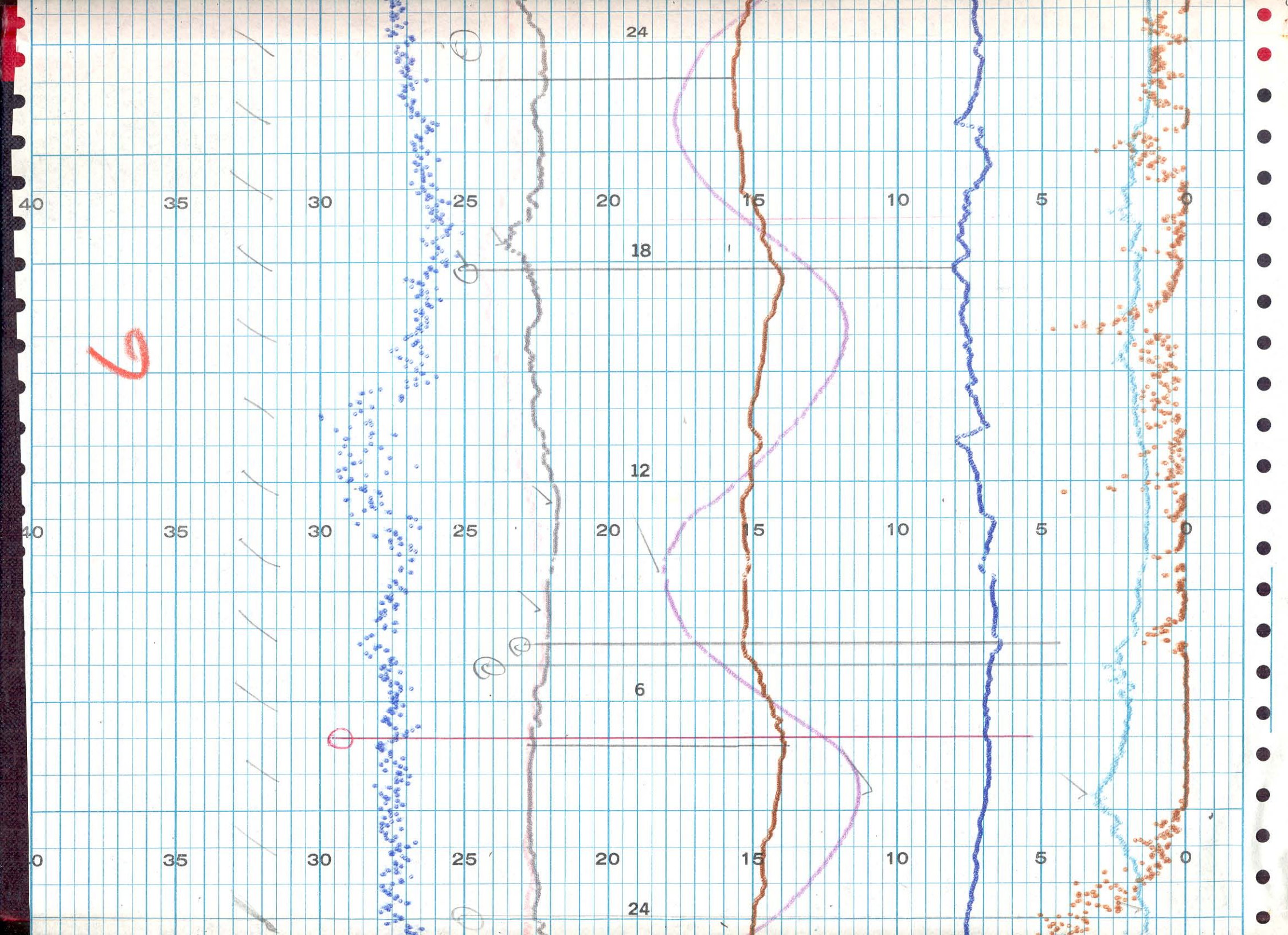
24
6
12
18
24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6
24
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35
30
25
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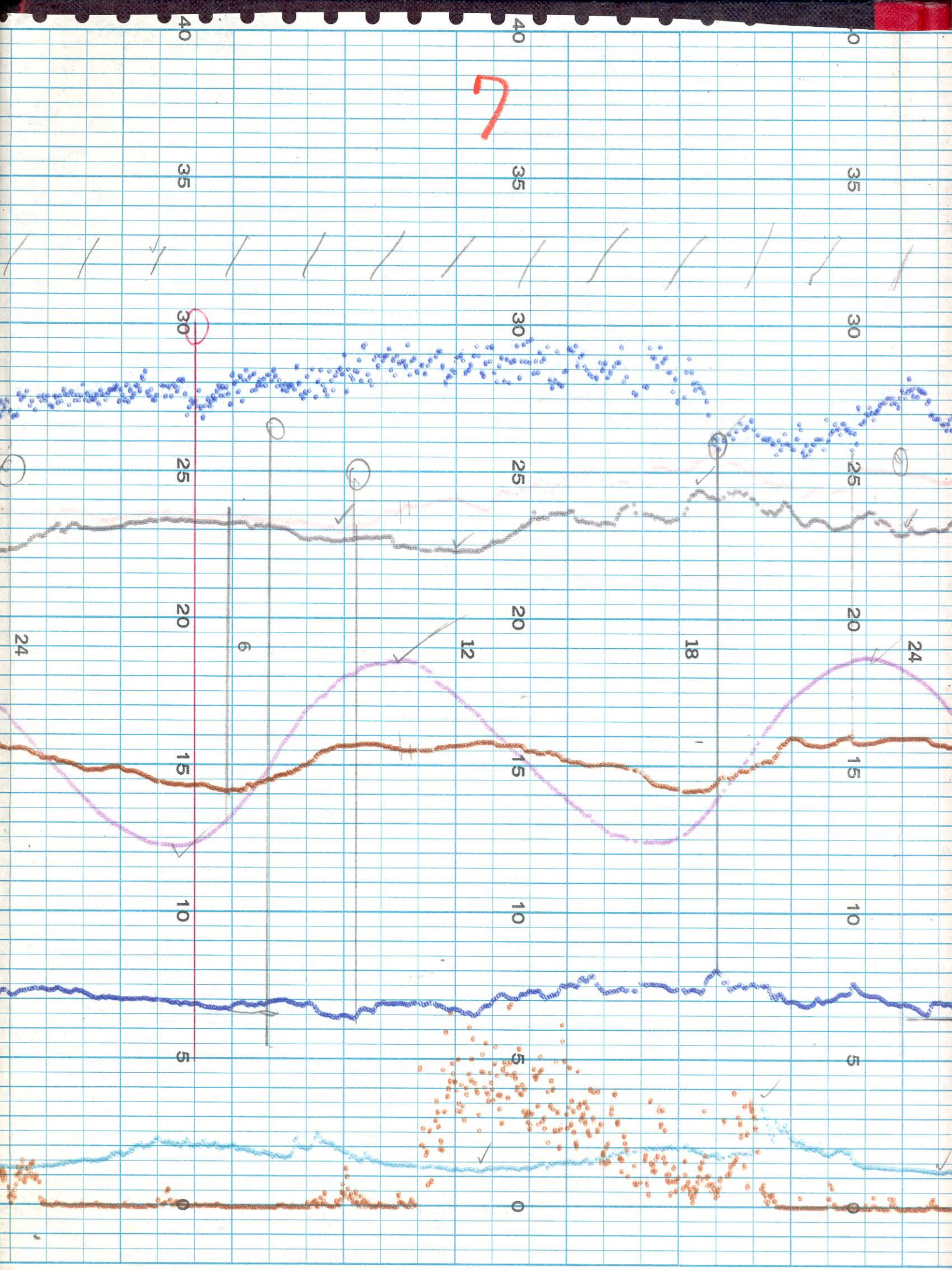
15
10
5
0


7
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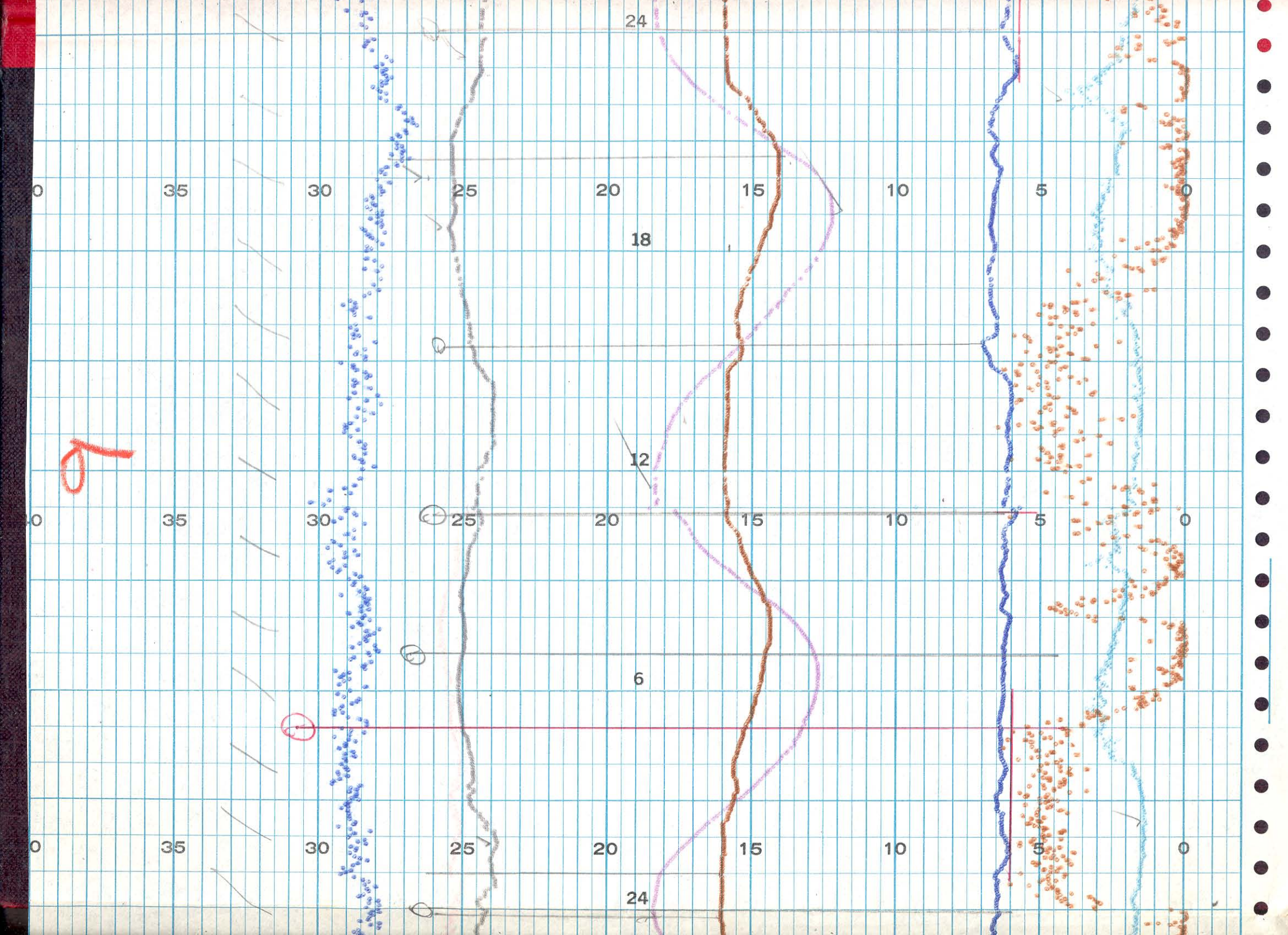
24
6
12
18
24

CHART NO. 8544½ HONEYWELL PHILADELPHIA, PA.


24
18
12
6
24
35
30
25
20
15
10
5
0

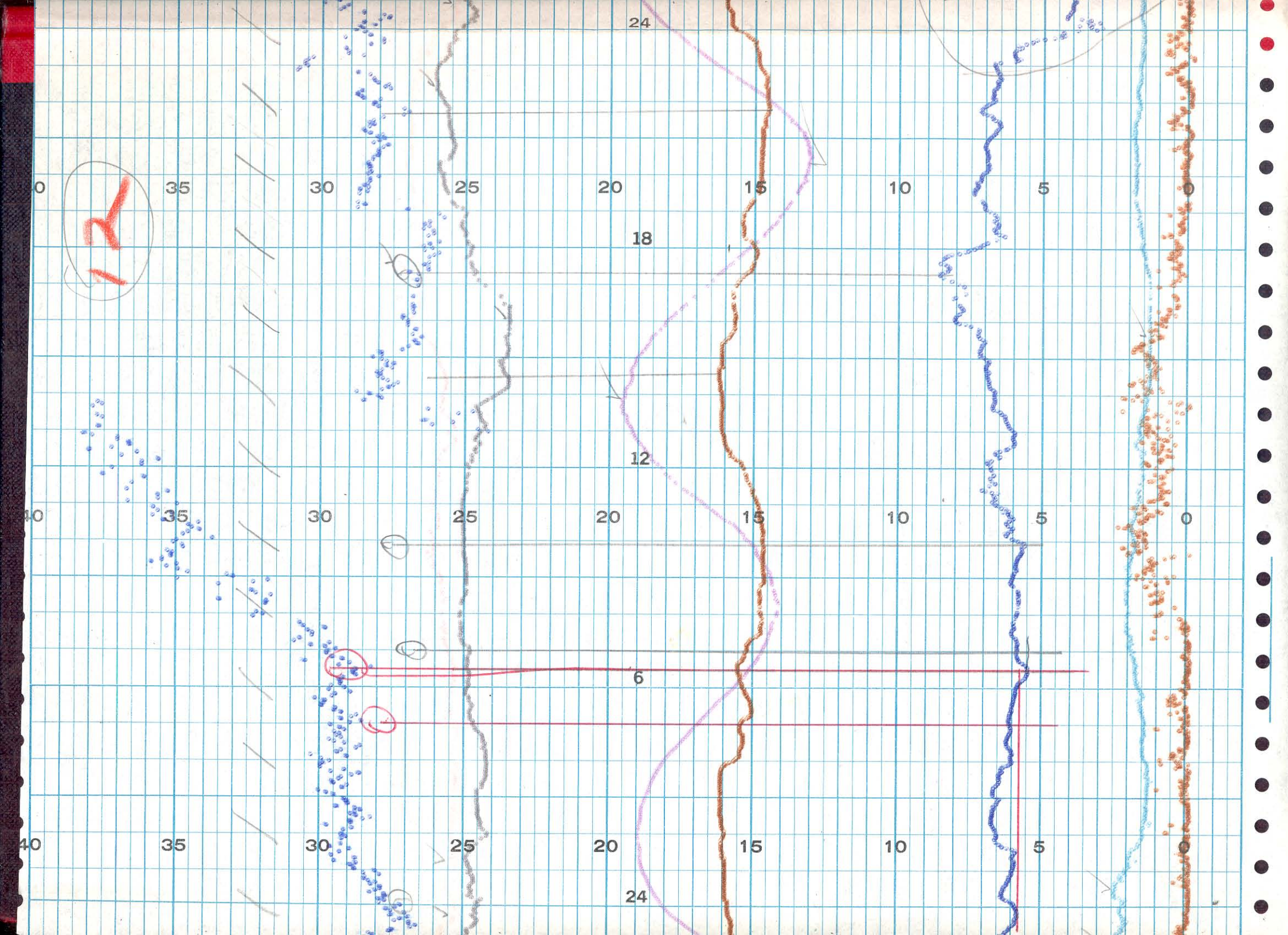
10

35 30 25 20 15 10 5 0

6 12 18 24

CHART NO. 9544-½ HONEYWELL PHILADELPHIA, PA.

11
40
35
30
25
20
15
10
5
0
24
6
12
18
24


24
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35
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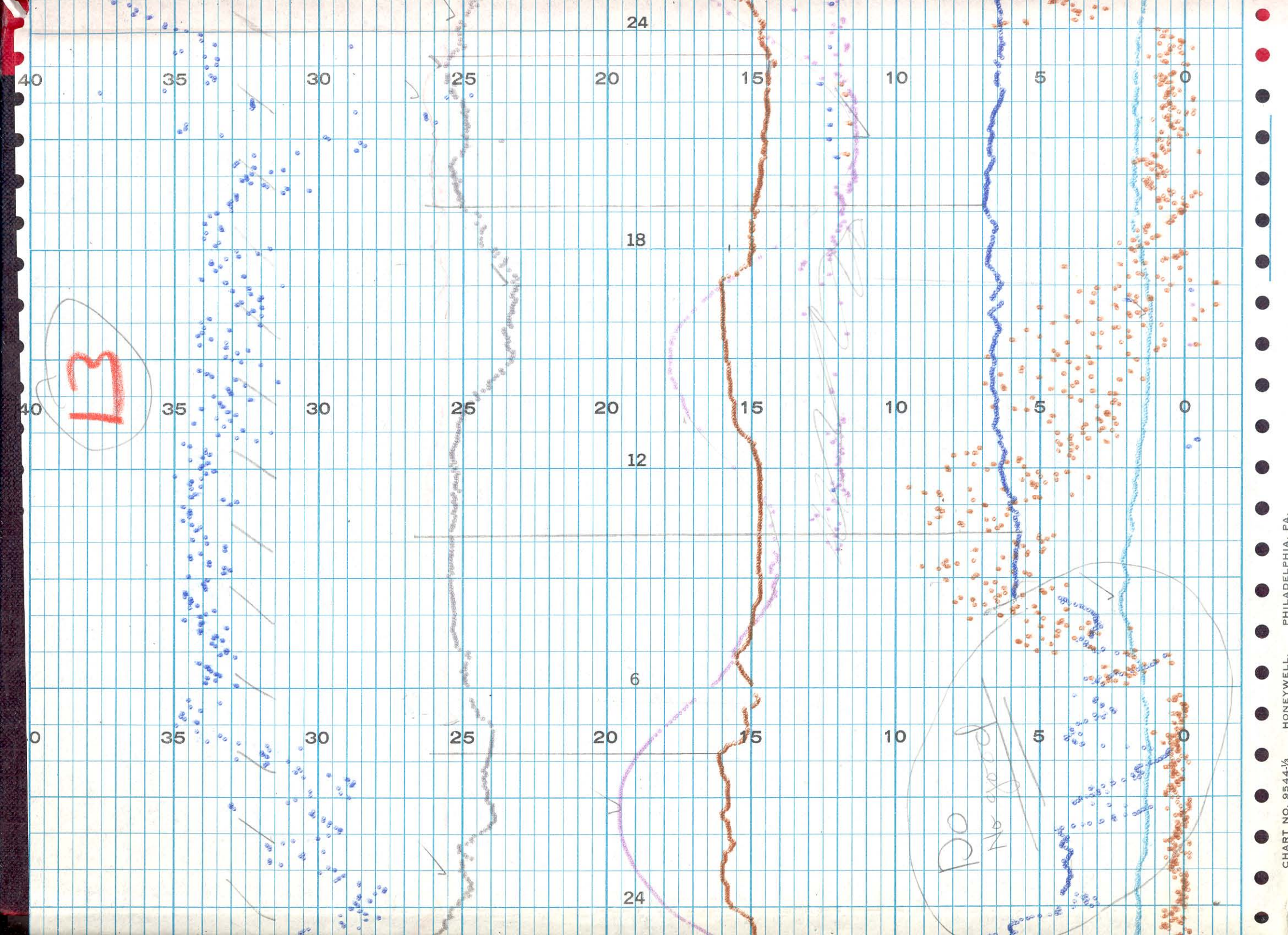
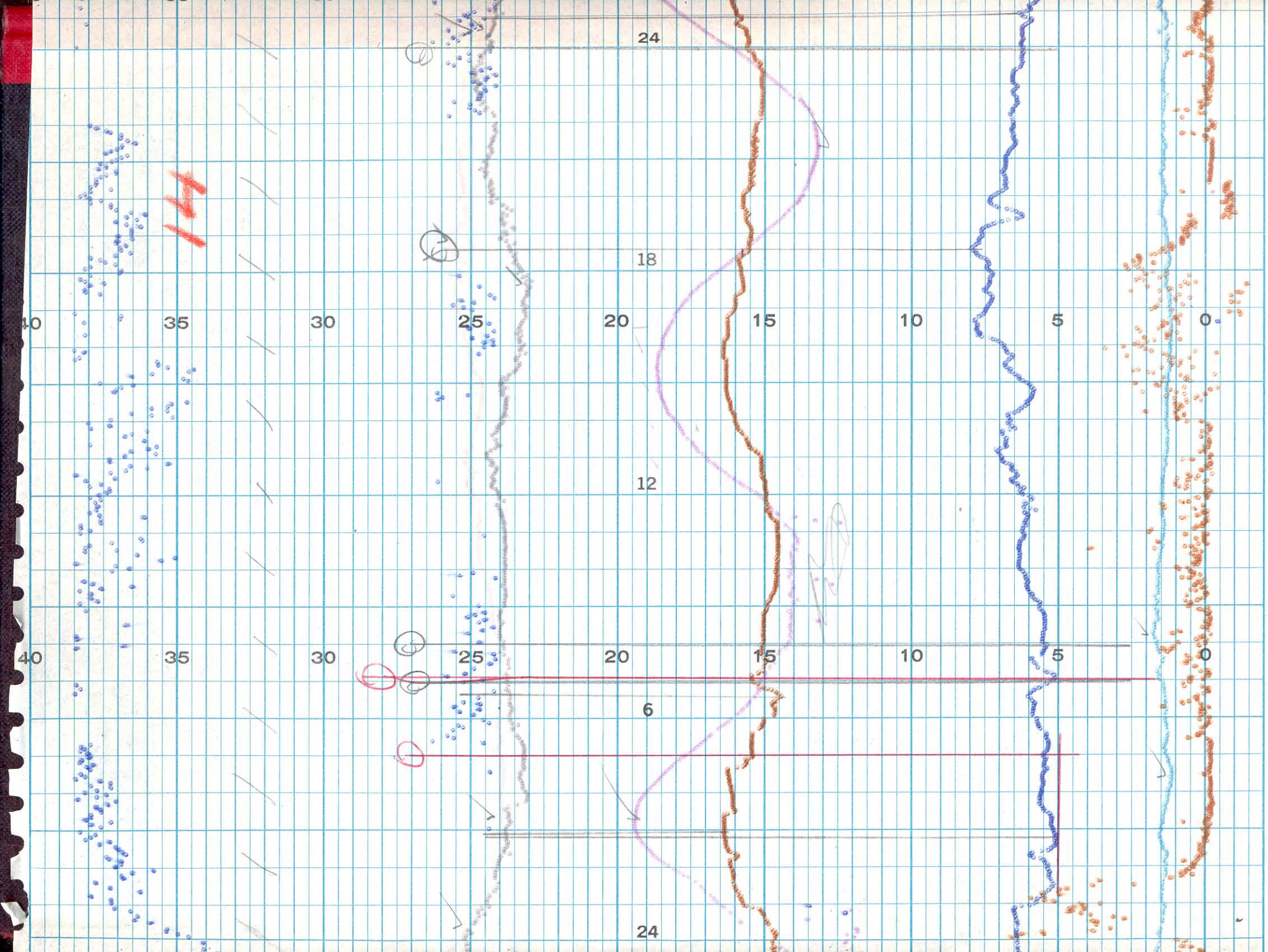
15
10
5
0


24
18
12
6
24
40
35
30
25
20
15
10
5
0
B
CHART NO. 9544-½
HONEYWELL
PHILADELPHIA, PA.


24
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30
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15
10
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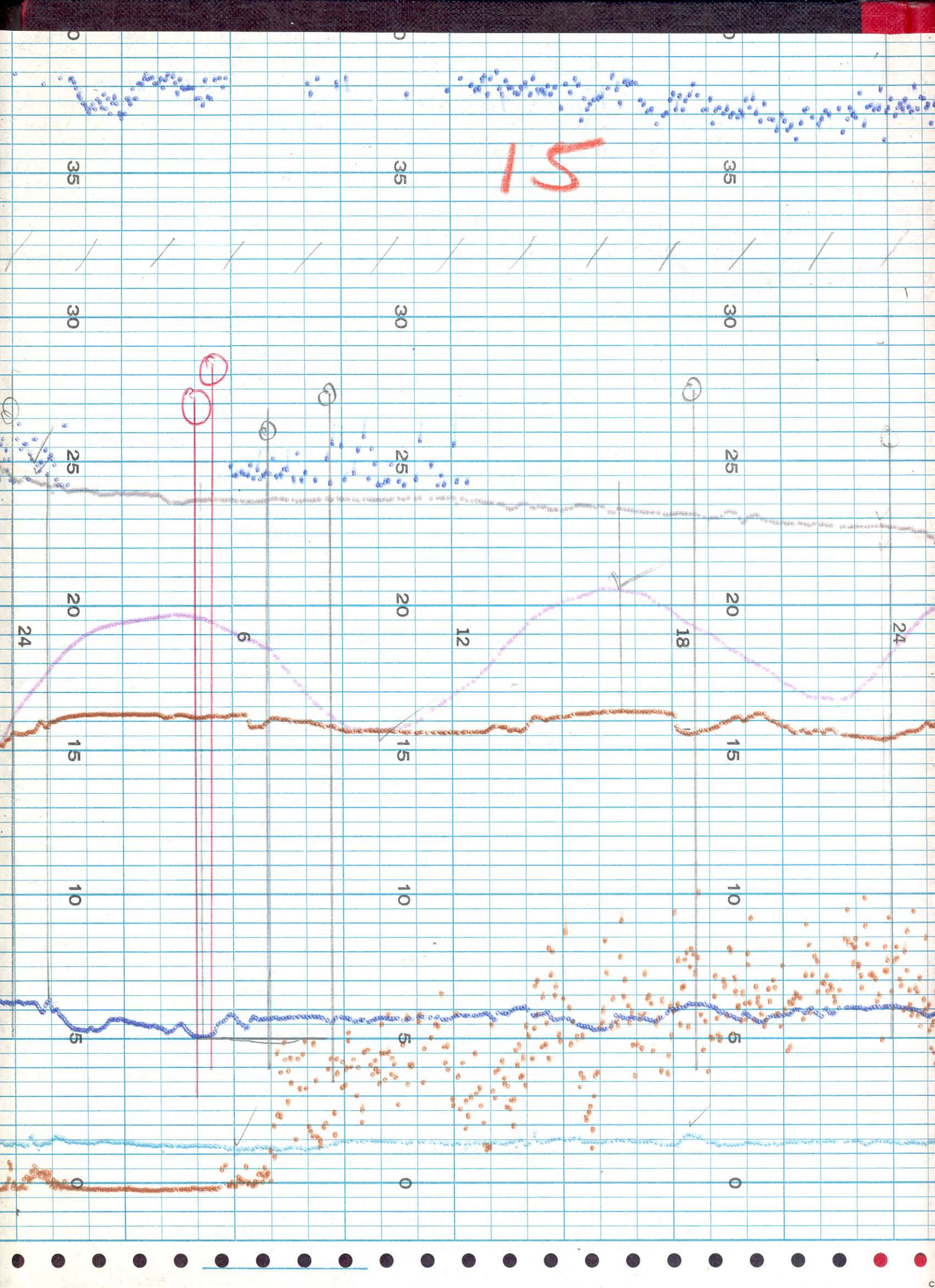
0
12
40
35
30
25
20
15
10
5
0
6
24
CHART NO. 9544-¼
HONEYWELL
PHILADELPHIA, PA.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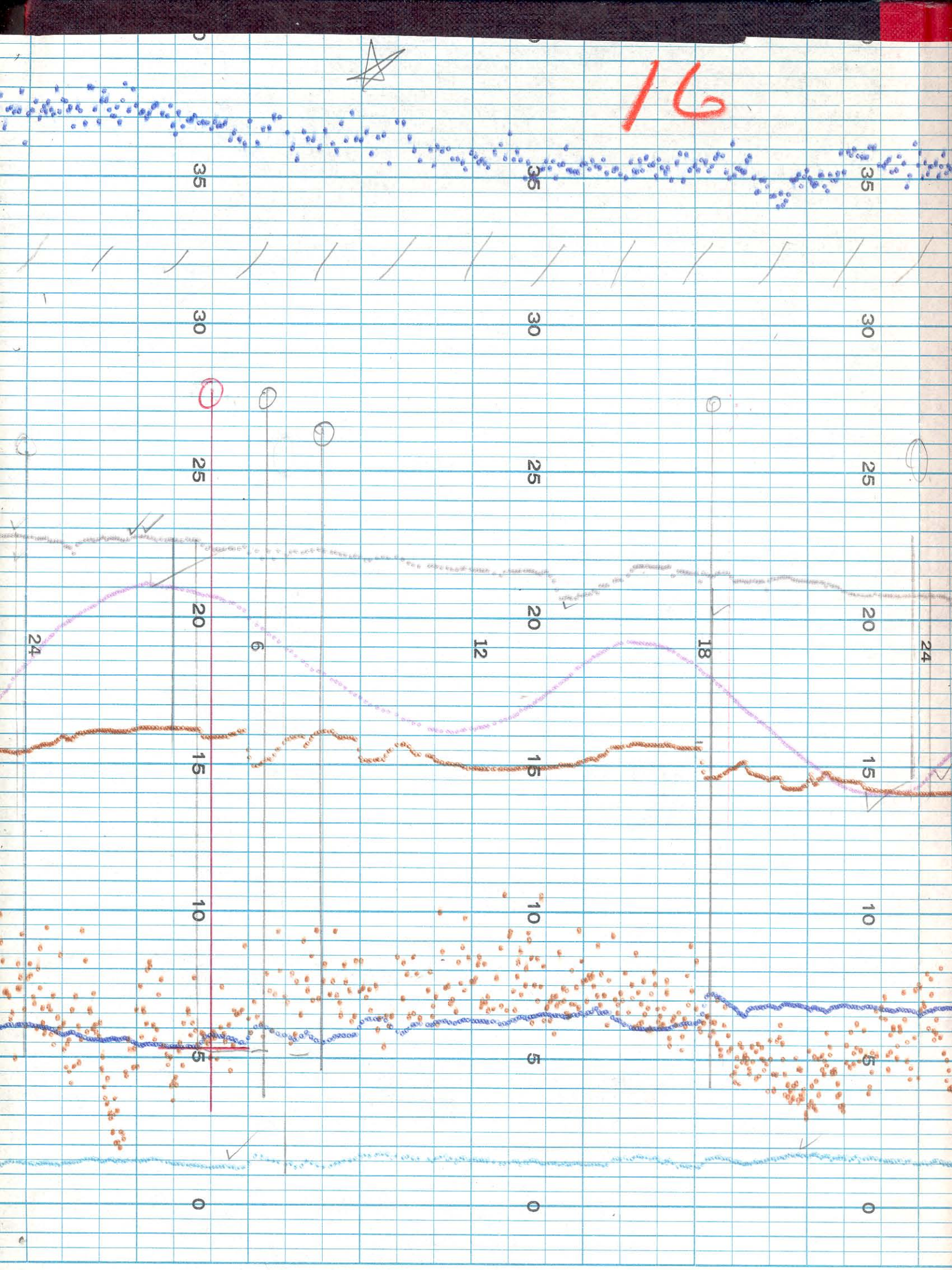
10
5
0
24
6
12
18
24

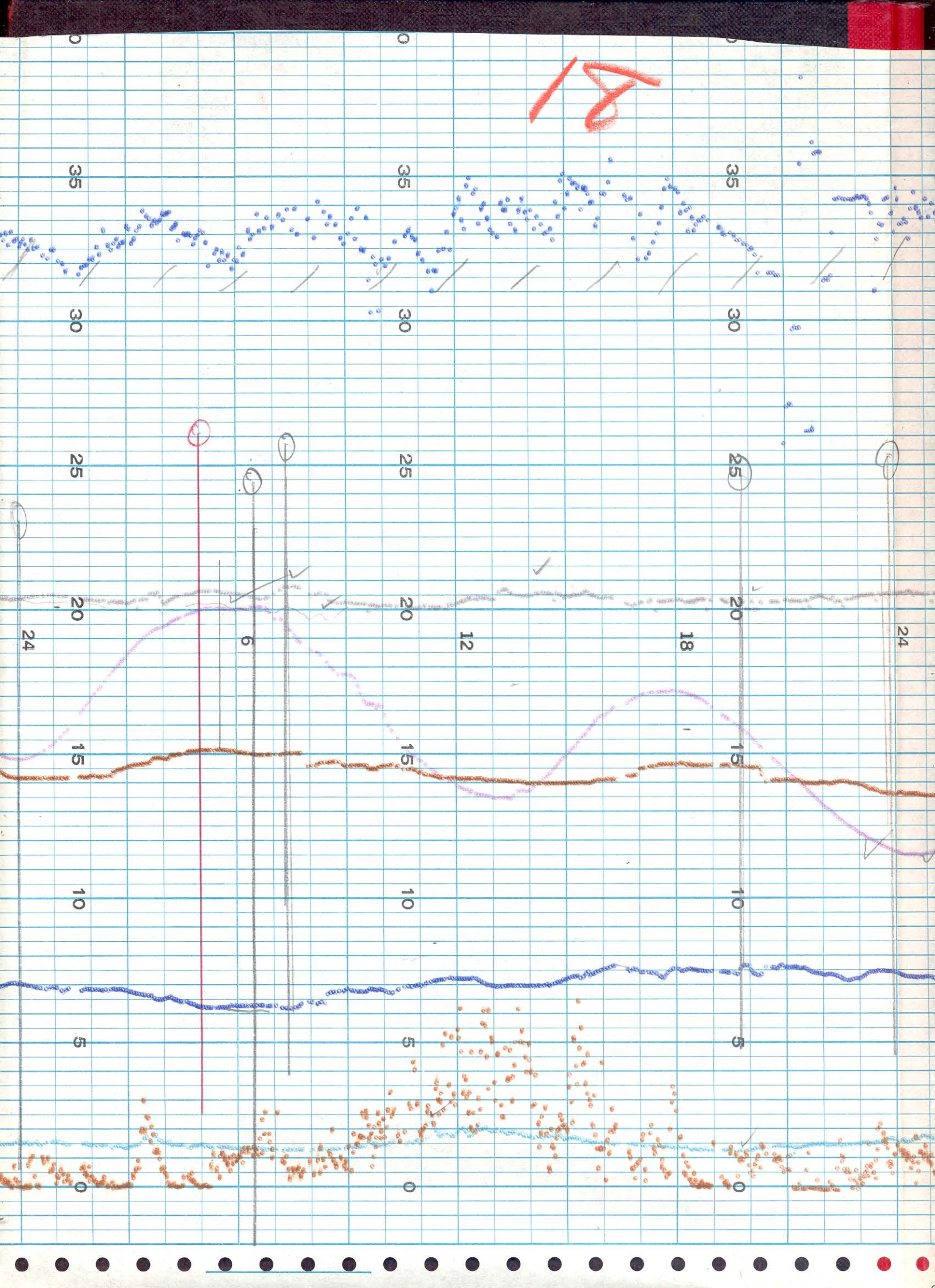

16
35
30
25
20
15
10
5
0
24
6
12
18
24

17

35 30 25 20 15 10 5 0

24 6 12 18 24

CHART NO. 9544-½ HONEYWELL PHILADELPHIA, PA.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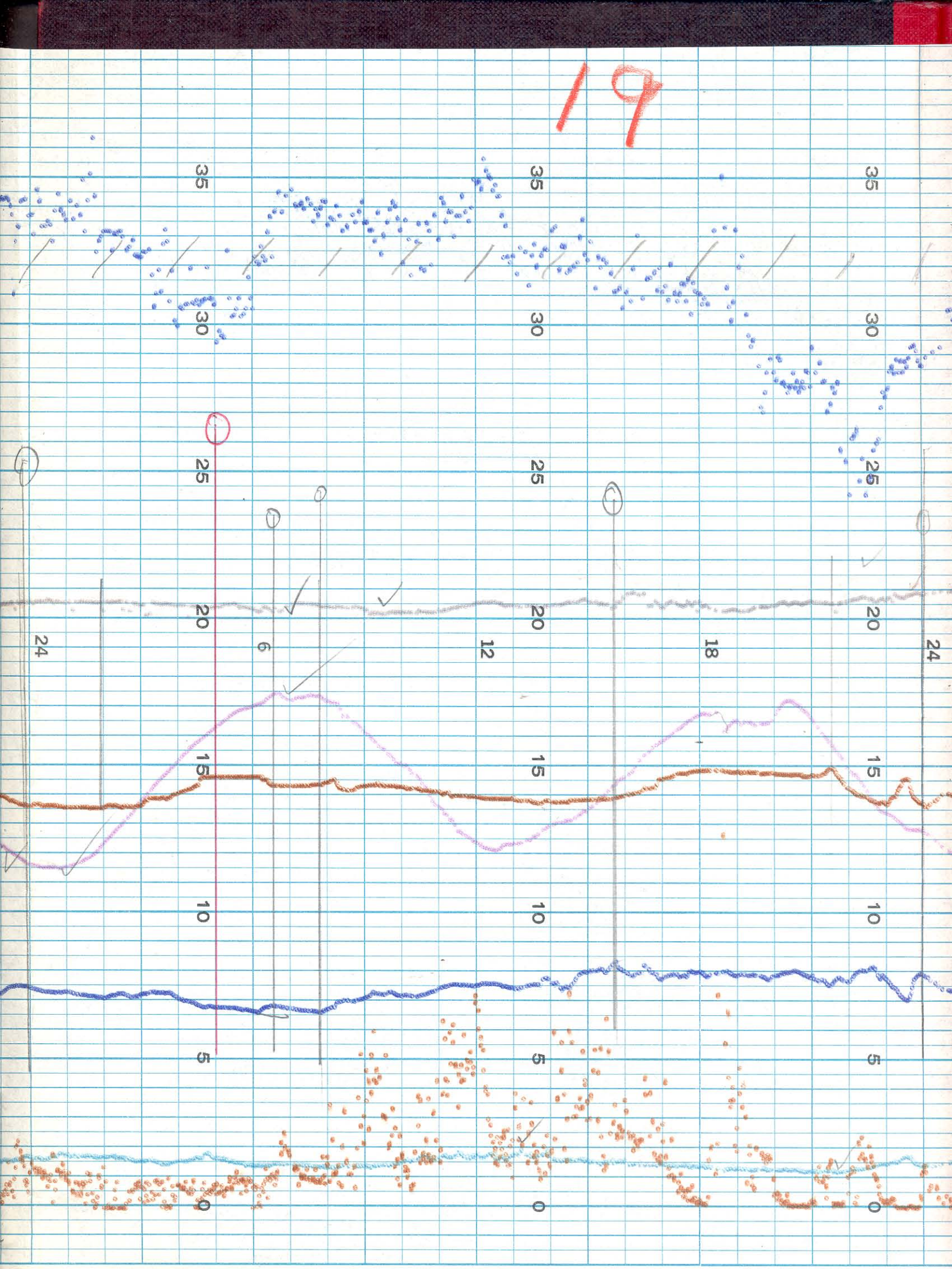
30
25
20
24
6
12
18
24
15
10
5
0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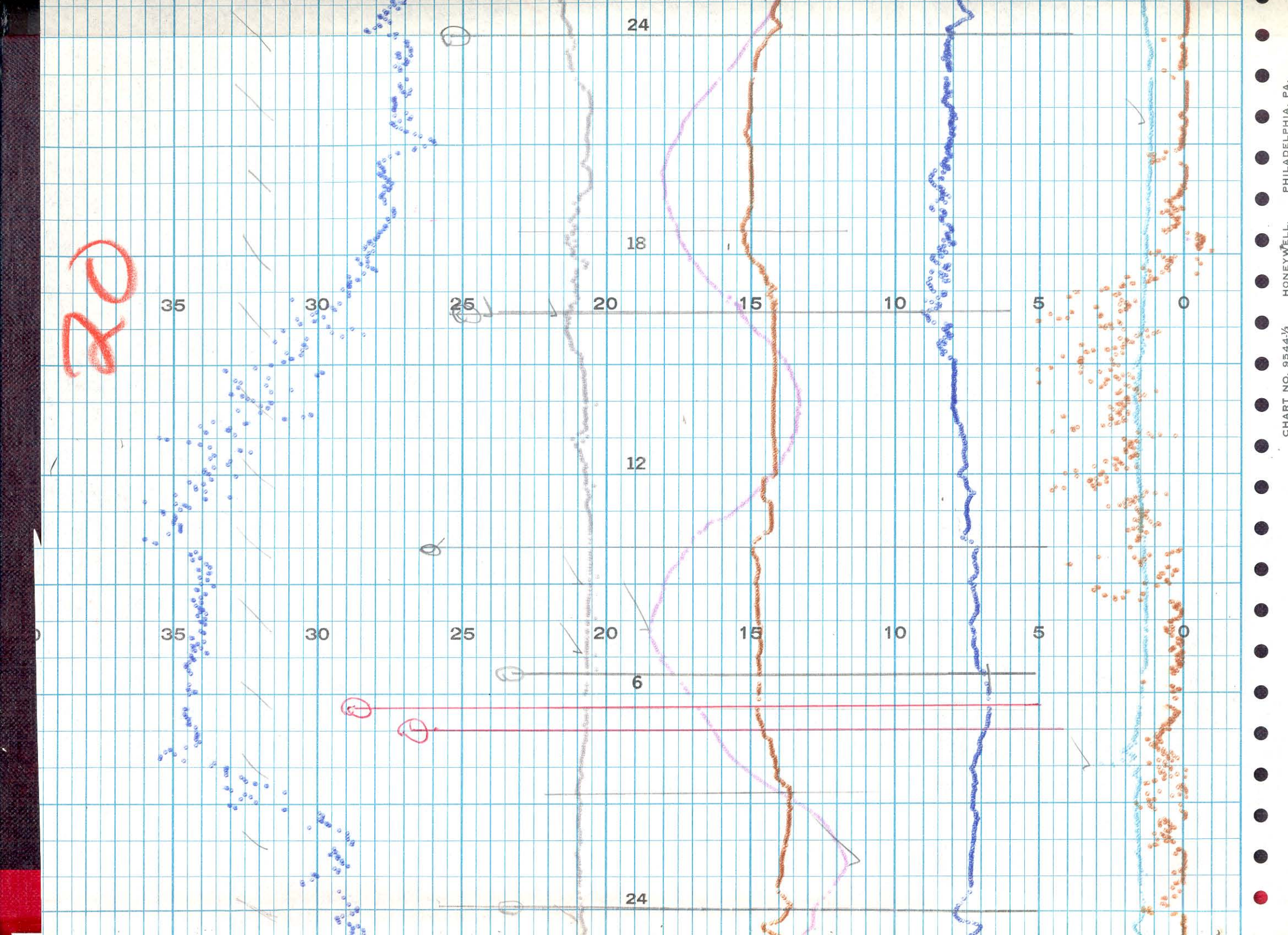
35
30
25
20
15
10
5
0
24
6
12
18
24


20
24
18
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30
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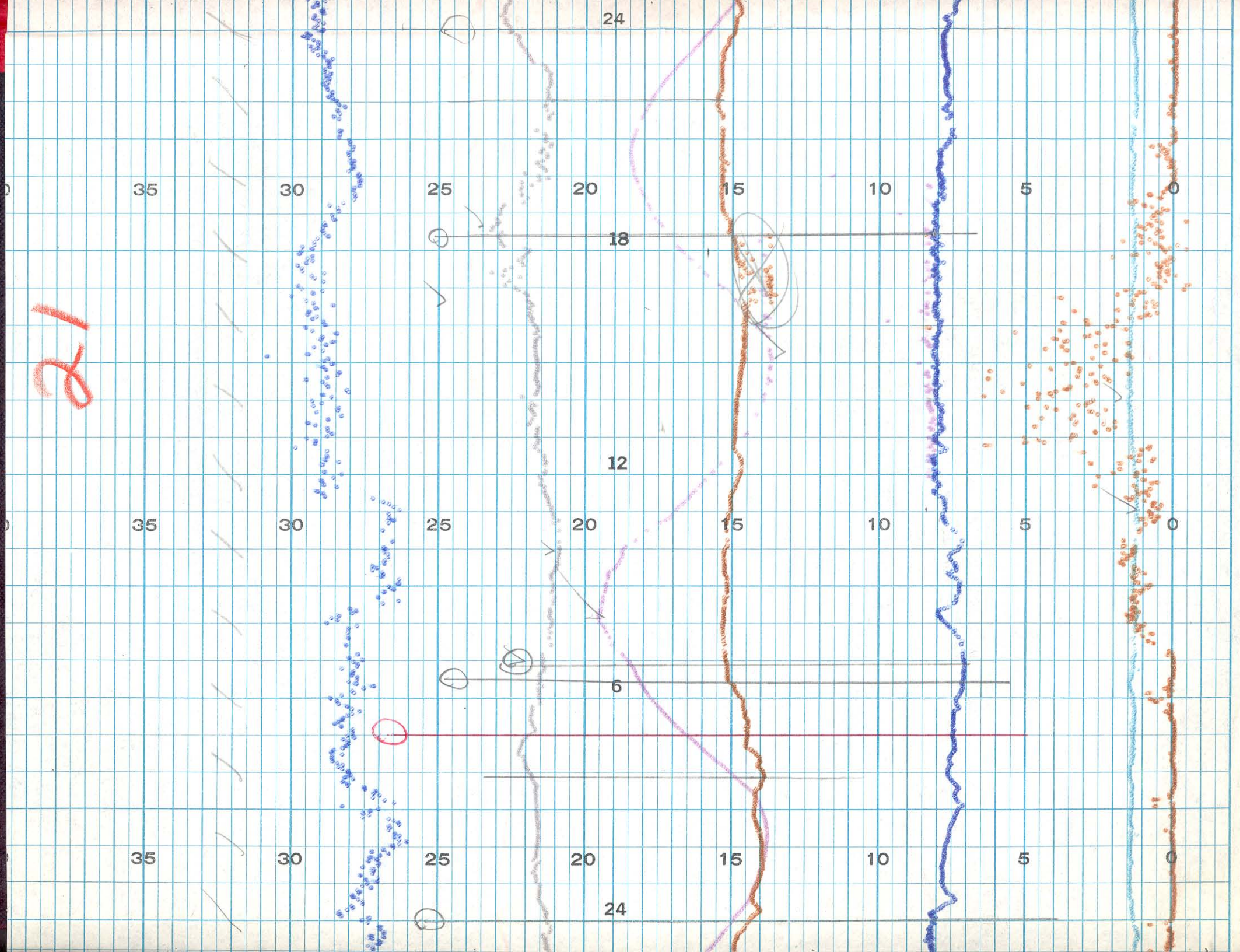
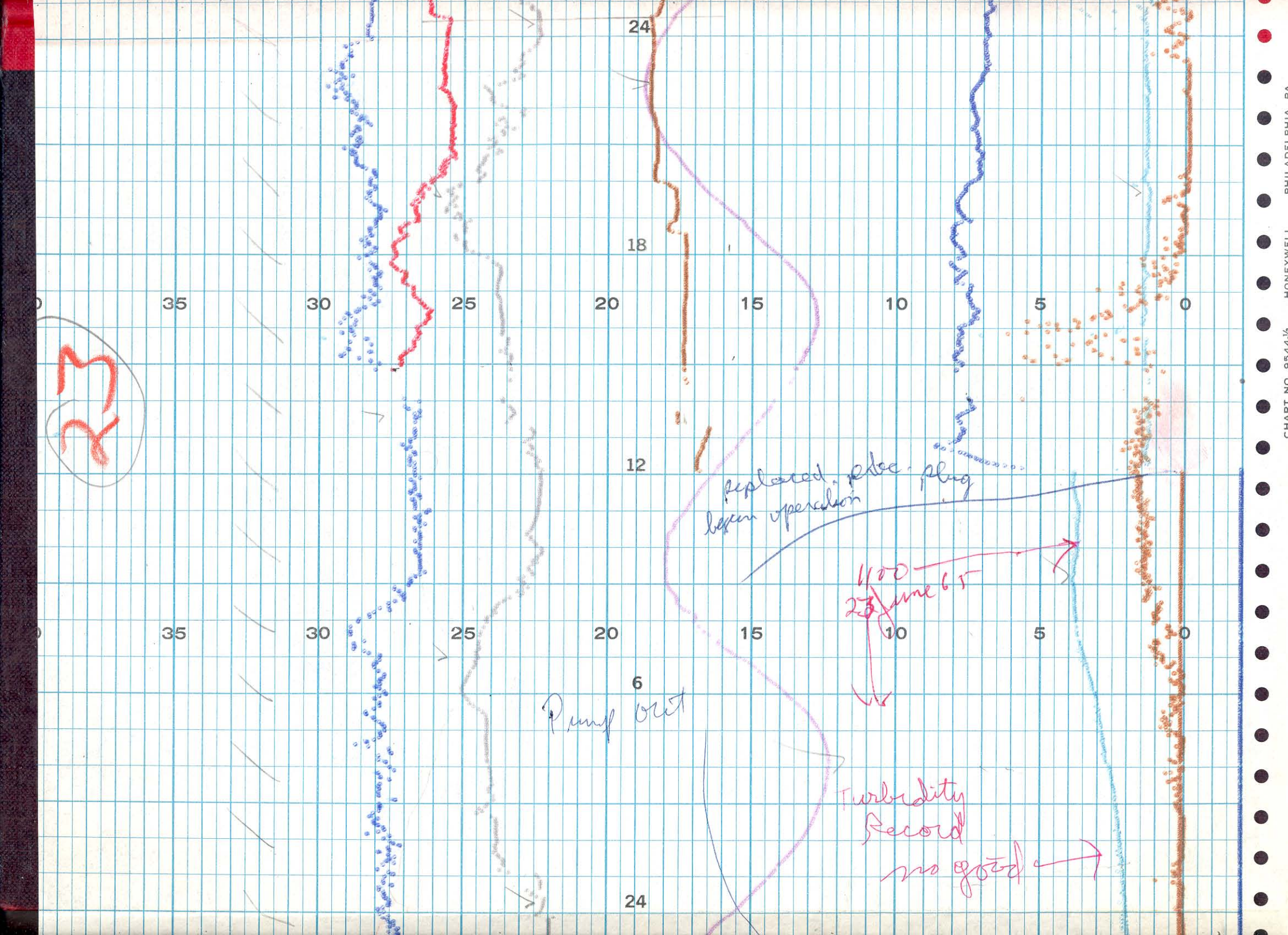
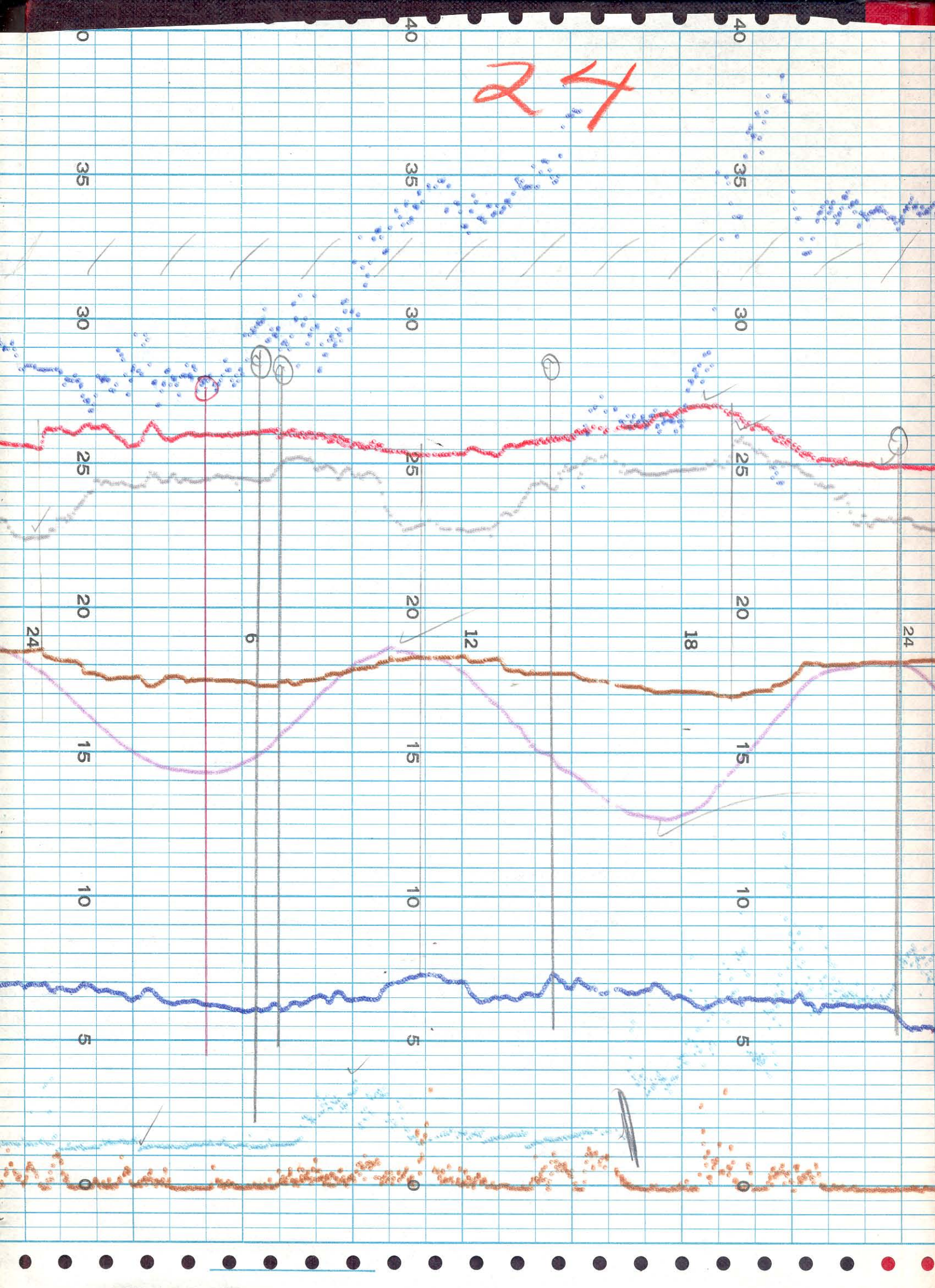
20
15
10
5
0
12
6
CHART NO. 9544-½
HONEYWELL
PHILADELPHIA, PA.


24
35
30
25
20
15
10
5
0
18
12
6
24

24
35
30
25
20
15
10
5
0
18
12
6
Pump Out
Reset Control
Cleaned Unit
22 June 65


24
18
12
6
24
35
30
25
20
15
10
5
0
52
replaced probe plug
began operation
1400
23 June 65
Pump out
Turbidity
Record
no good
CHART NO. 9544½ HONEYWELL PHILADELPHIA PA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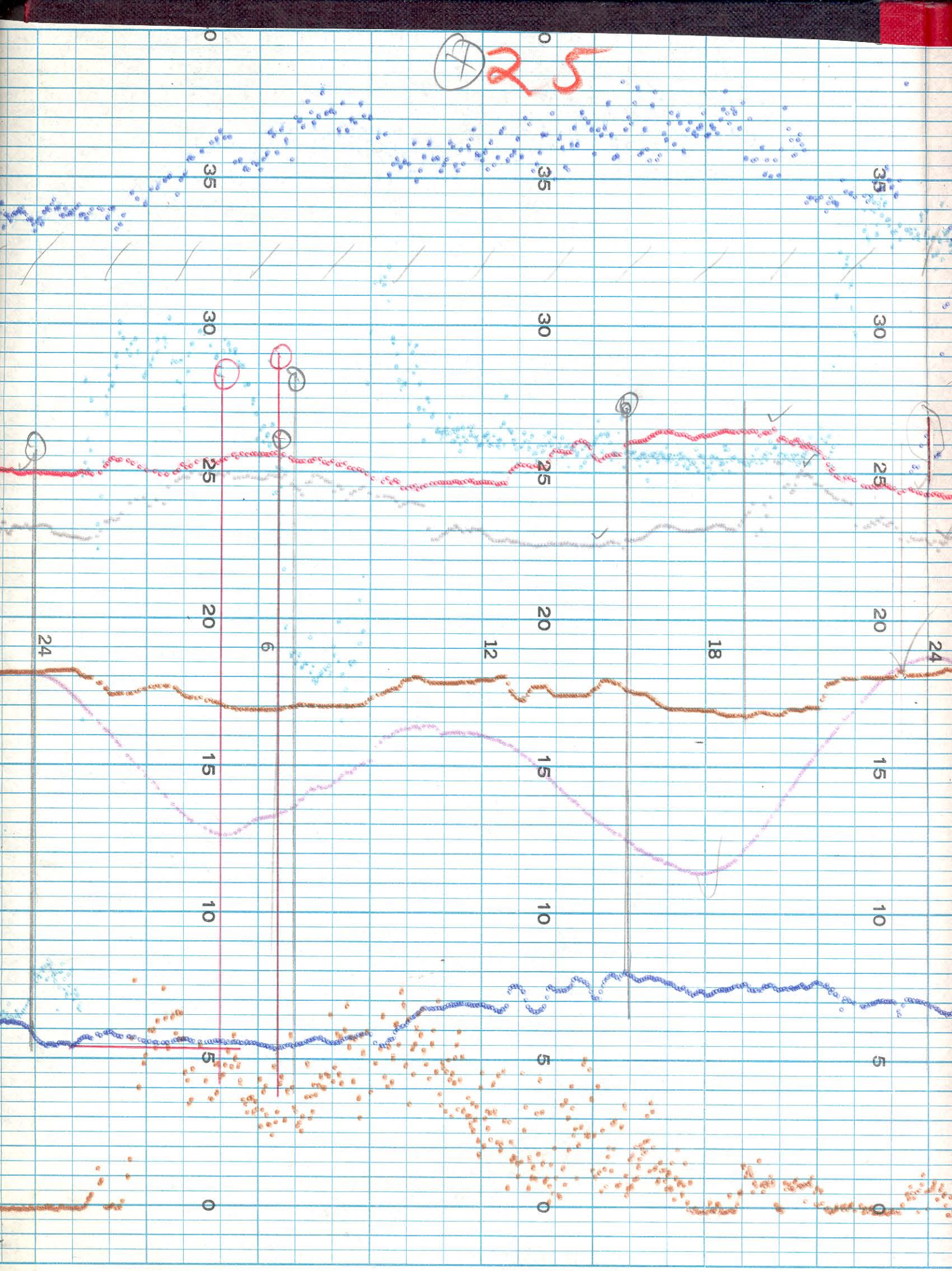
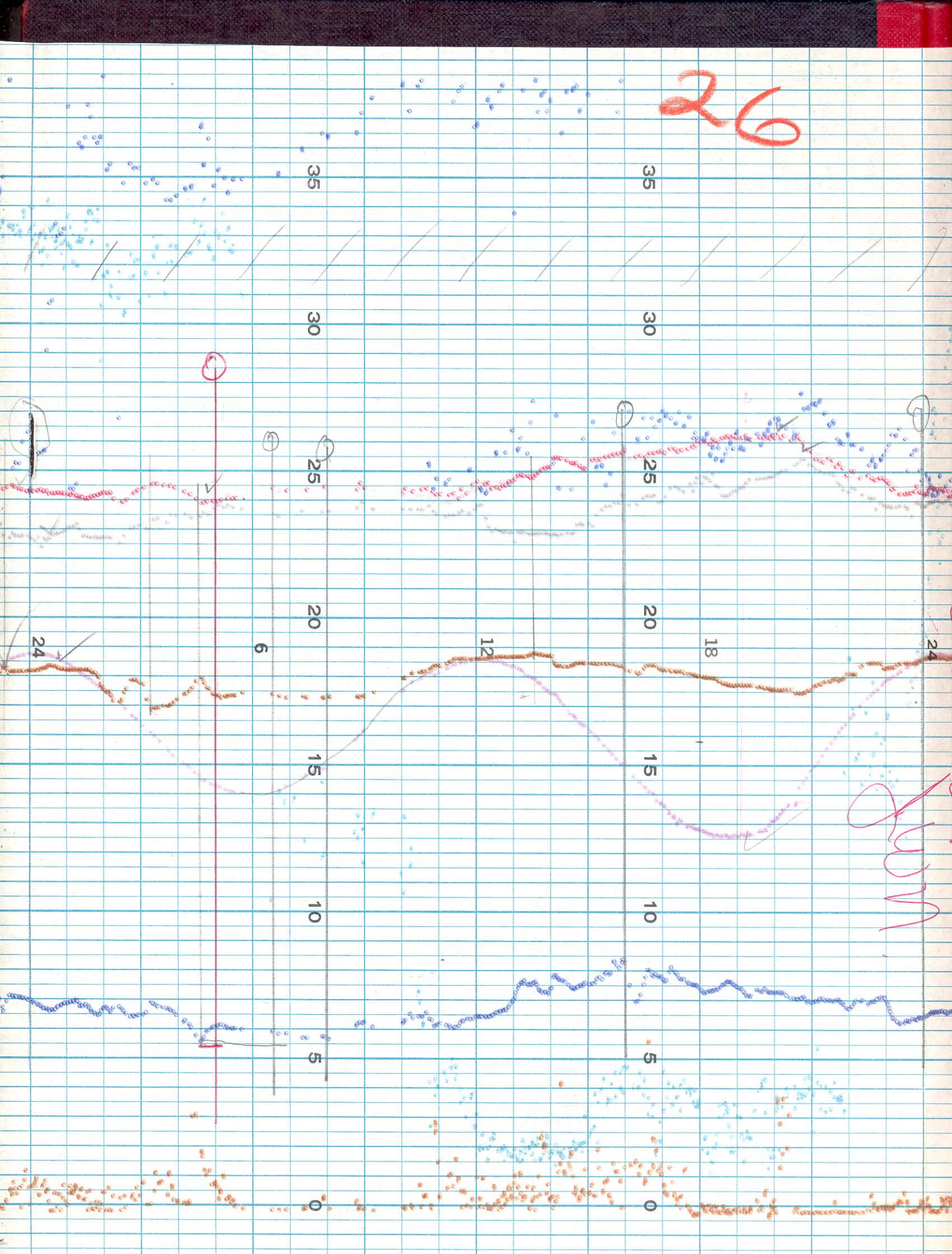
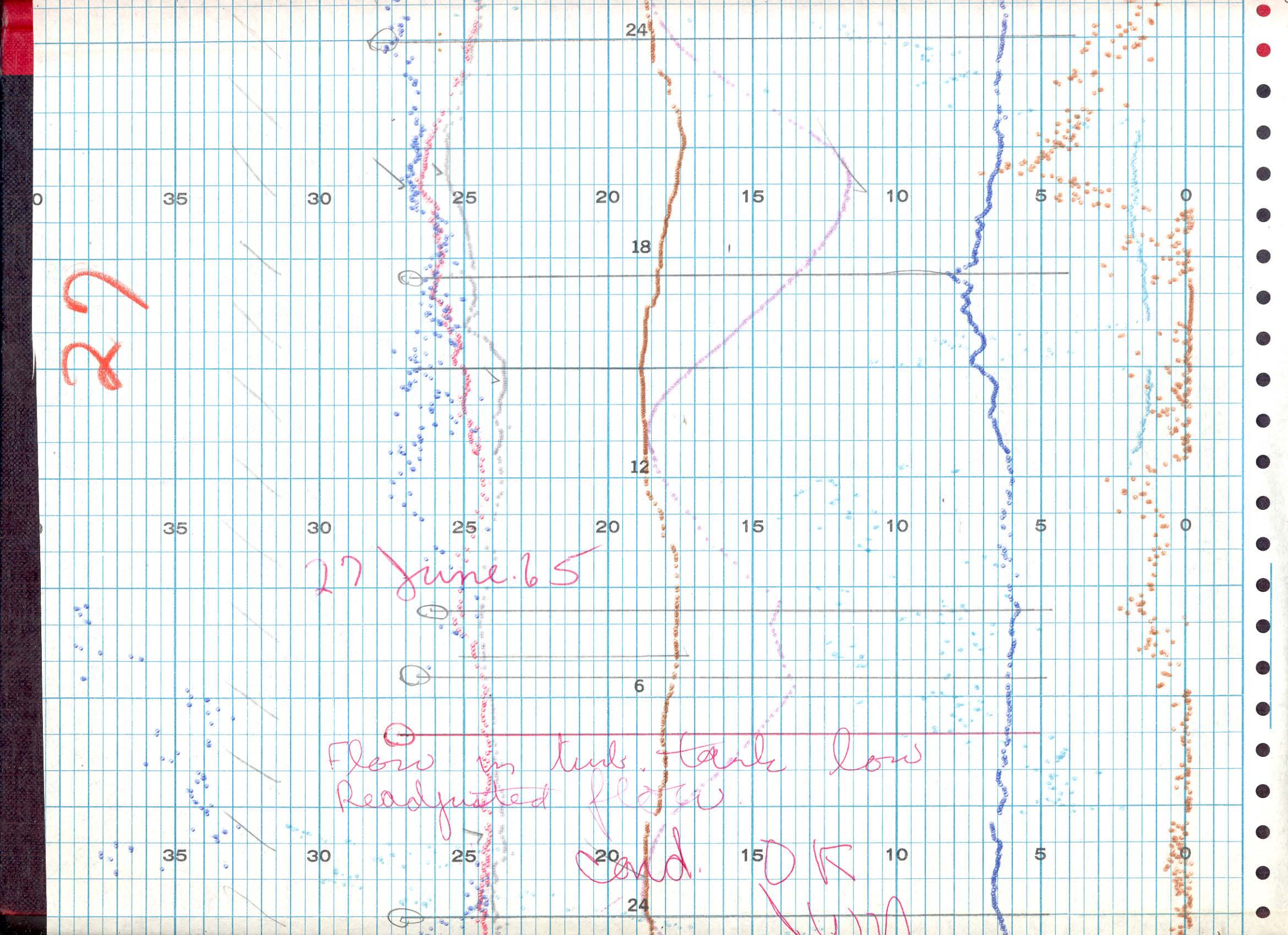
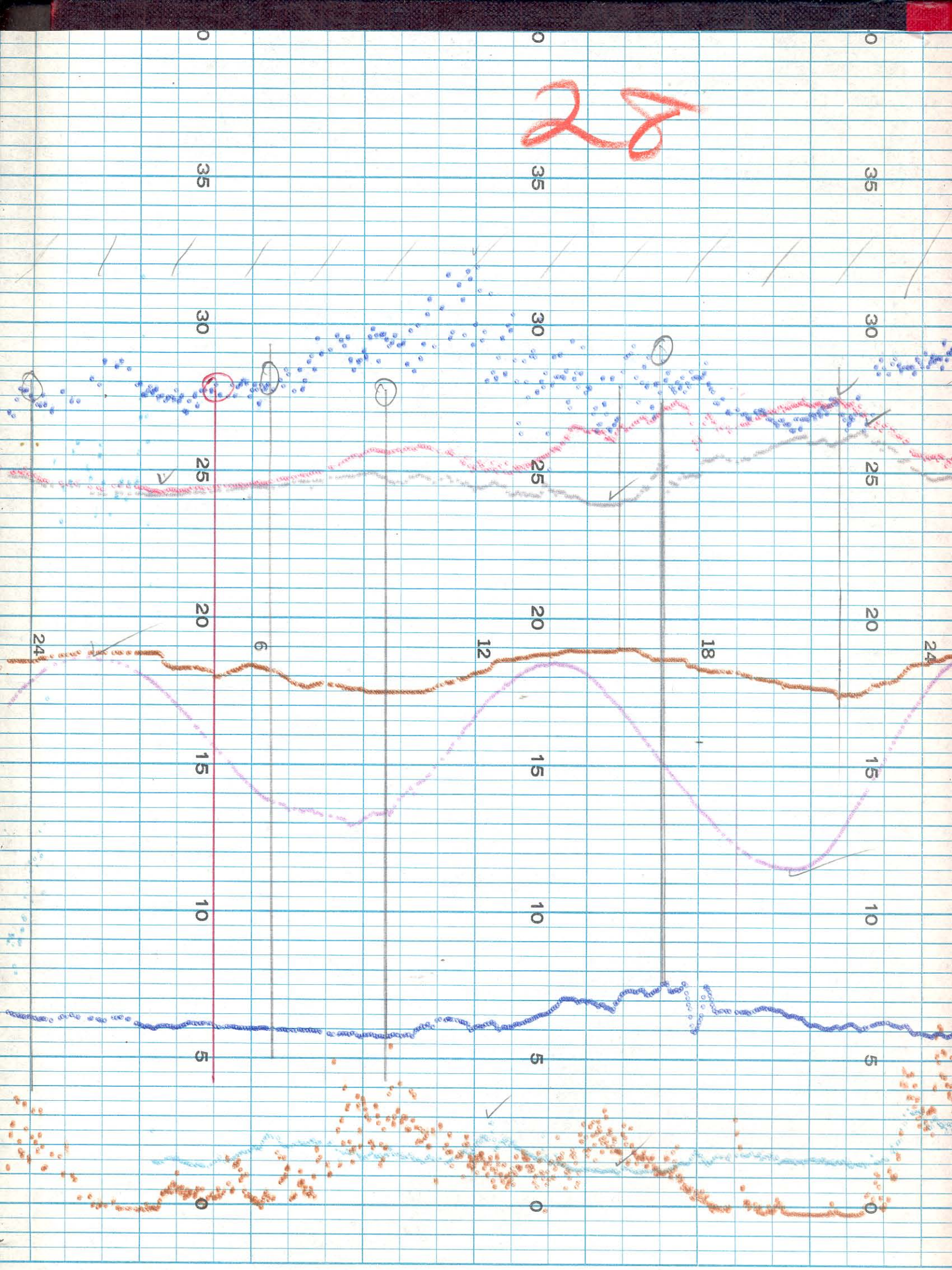
0
40
35
30
25
20
15
10
5
0
6
12
18
24


25
35
30
25
20
15
10
5
0
24
6
12
18


26
35
30
25
20
15
10
5
0
24
6
12
18
24


24
18
12
6
0
35
30
25
20
15
10
5
27 June 65
Flow in tub. Tank low
Readjusted flow
Cond. DR

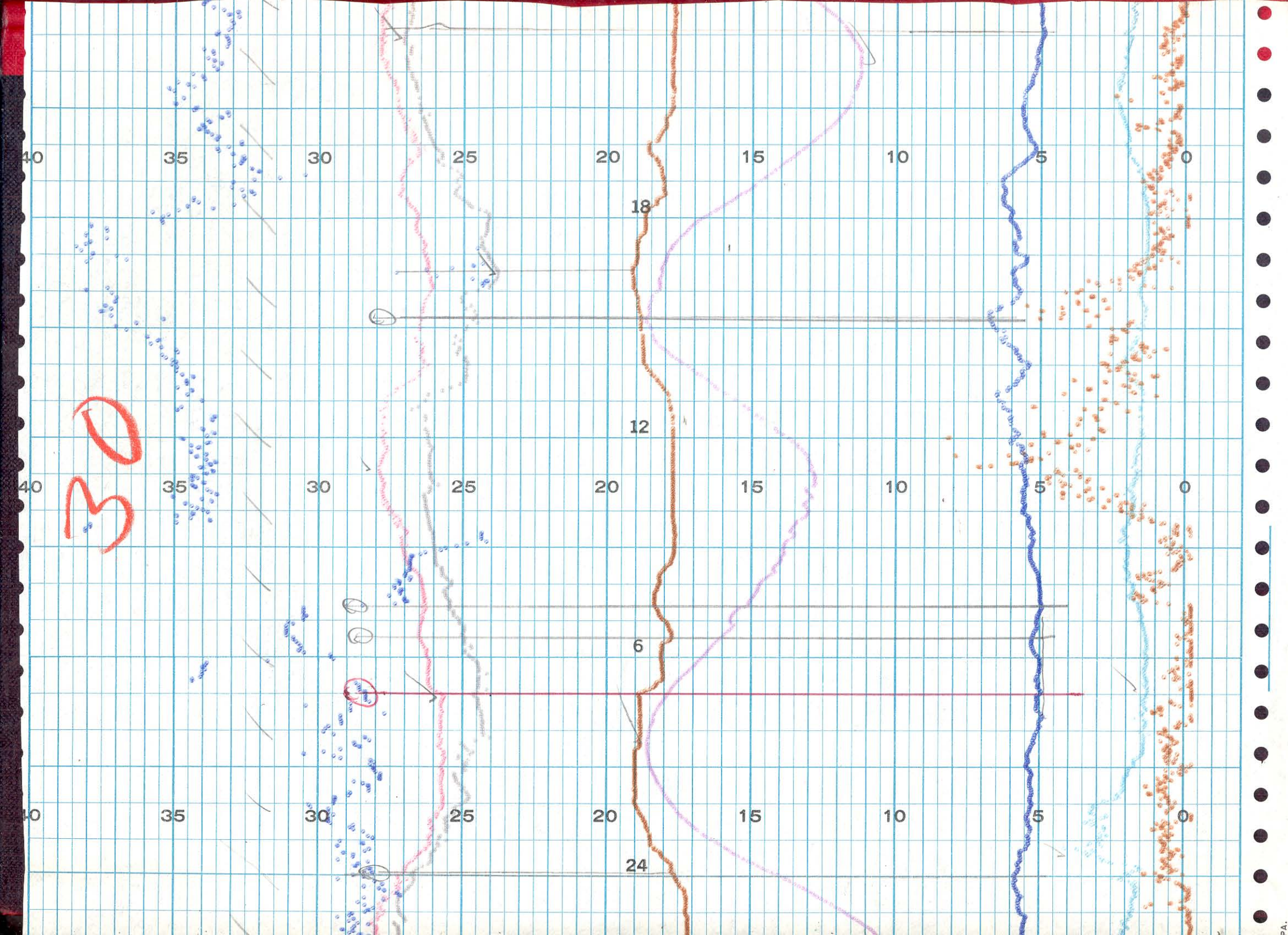

28
40
35
30
25
20
15
10
5
0
24
6
12
18

29

40 35 30 25 20 15 10 5 0

24 6 12 18 24

CHART NO. 8544 ½ HONEYWELL PHILADELPHIA, PA.


40
35
30
25
20
15
10
5
0
18
12
6
24
3D

Month	June	1965				July					
Day	22	23		27		1					
Time Local	1615	1400				1150					
Surf ~~Air~~ Temp. C° Honeywell	26.1	27.6	~~27.6~~			26.5					
Surf ~~Air~~ Temp. C°	26.1 ~~24.9~~	27.2	~~27.2~~			26.8					
Water Temp. C° Bot Honeywell	23.1	22.6	~~22.6~~			25.8					
Water Temp. C°	—	—	—			25.9					
Conductivity Micromhos ~~Honeywell~~	14.5	16.5		18.7		18.0 ~~[illegible]~~					
Conductivity Micromhos Serfass	15.4	17.5		18.7		18.0 ~~[illegible]~~					
Water Samp. Bottle No.	—										
Dissolved O_2 Honeywell	7.5	7.8				5.1	5.9				
Dissolved O_2 Winkler	7.9	8.2 8.0				6.05 6.00	6.2 6.2				
Turbidity JCU Honeywell	15	13									
Turbidity Hellige	18										
Tide Honeywell	-.4	+.5				+0.6					
Tide Staff	-.3	+.4				+0.6					
Wind Vel. MPH Honeywell	4	4				12					
Wind Vel. Air Speed Ind MPH	4	4				12					
Wind Direc. Honeywell	SW	SSE				NNE					
Wind Direc. Air Speed Ind	SW	SSE				NNE					
	7.9					6.05 6.00			2	00 +0.2	

after cleaning DO cell reading same up + out

Gave Clorox treatment

Surf ~~Air~~ Temp. C°	26.1 ~~24.9~~		27.2	~~27.2~~				26.8						
Water Temp. C° Bot Honeywell	23.1		22.6	~~22.6~~				25.8						
Water Temp. C°	—		—	—				25.9						
Conductivity Micromhos ~~Honeywell~~	14.5		16.5		18.7			18.0 ~~[illegible]~~						
Conductivity Micromhos Serfass	15.4		17.5		18.7			18.0 ~~[illegible]~~						
Water Samp. Bottle No.	—													
Dissolved O_2 Honeywell	7.5		7.8					5.1	5.9					
Dissolved O_2 Winkler	7.9		8.2 8.0					6.05 6.00	6.2 6.2					
Turbidity JCU Honeywell	15		13											
Turbidity Hellige	18													
Tide Honeywell	-.4		+.5					+0.6						
Tide Staff	-.3		+.4					+0.6						
Wind Vel. MPH Honeywell	4		4					12						
Wind Vel. Air Speed Ind MPH	4		4					12						
Wind Direc. Honeywell	SW		SSE					NNE						
Wind Direc. Air Speed Ind	SW		SSE					NNE						
Remarks	27.7 ~~27.9~~ 27.5 = 7.9		#24 - 28.4 - 8.2 #27 - 27.7 - 8.0		Cond. OK Turb. flow low			#24 = 21.0 - 6.05 #27 20.8 - 6.00	DO cell covered with Vitavella Reset time +40 min	#24 - 21.6 = 6.2 27 - 21.5	Reset span 1 DO +0.2			

after cleaning DO cell reading same up + out

gave Clorex treatment