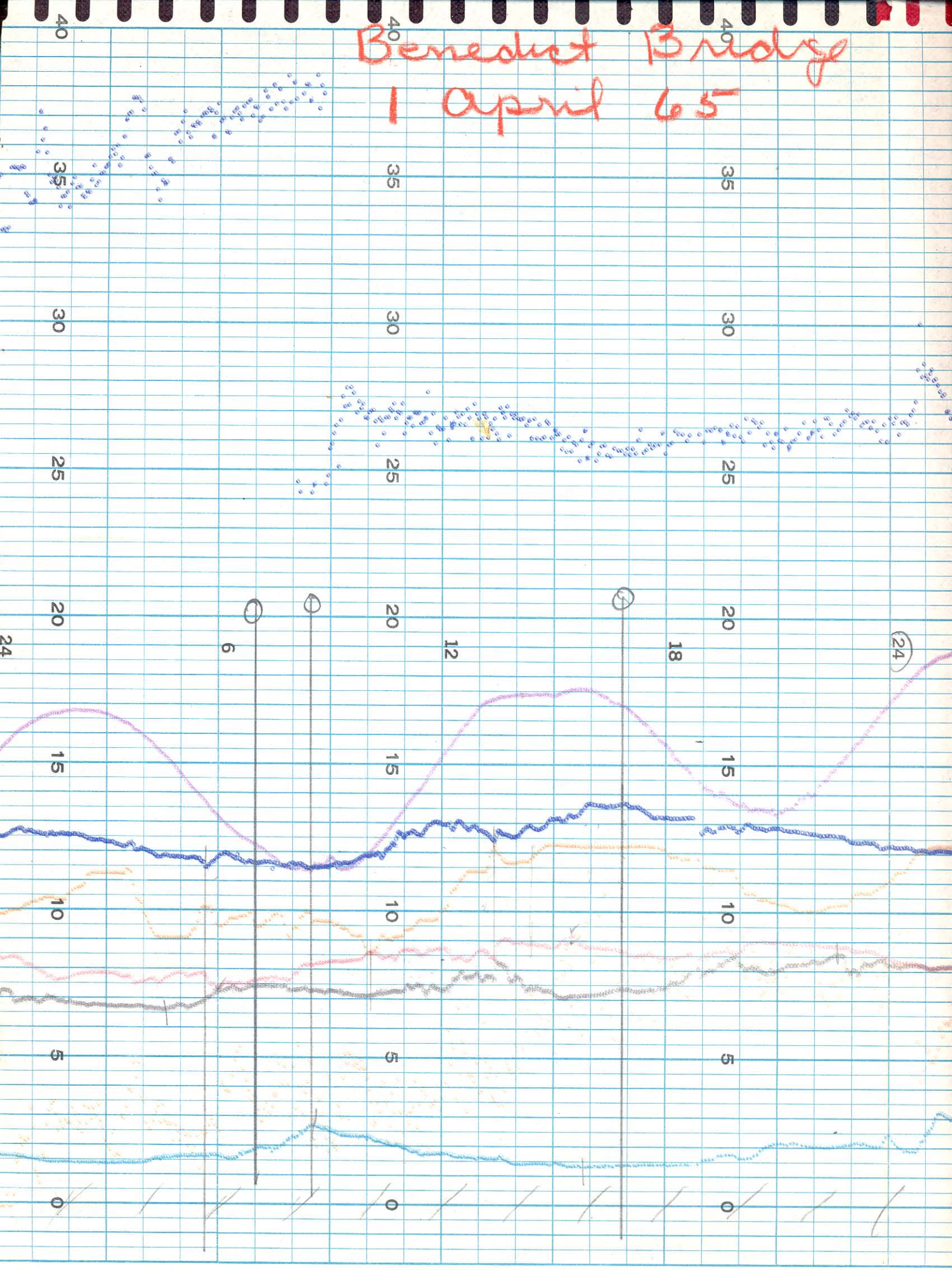
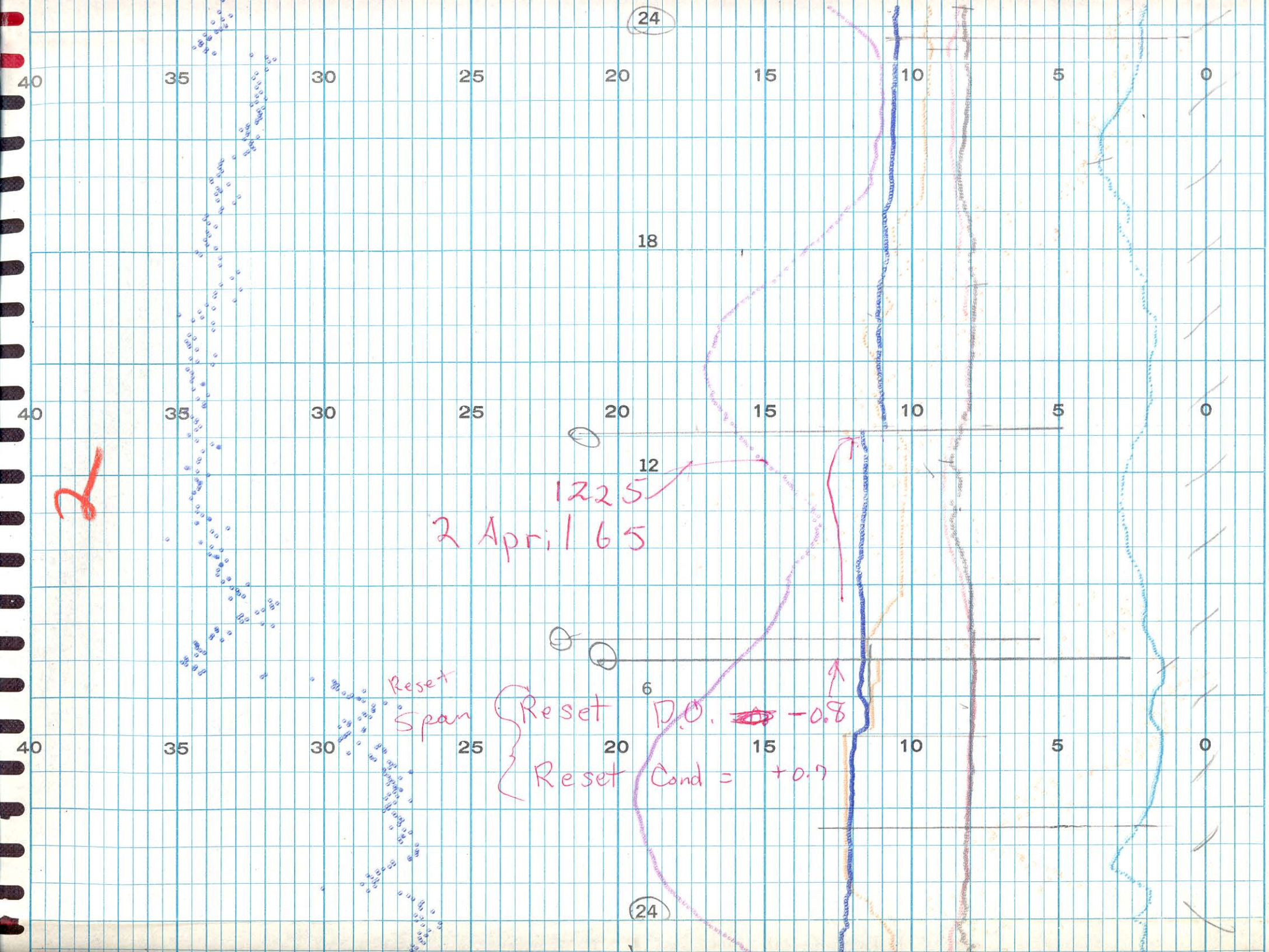
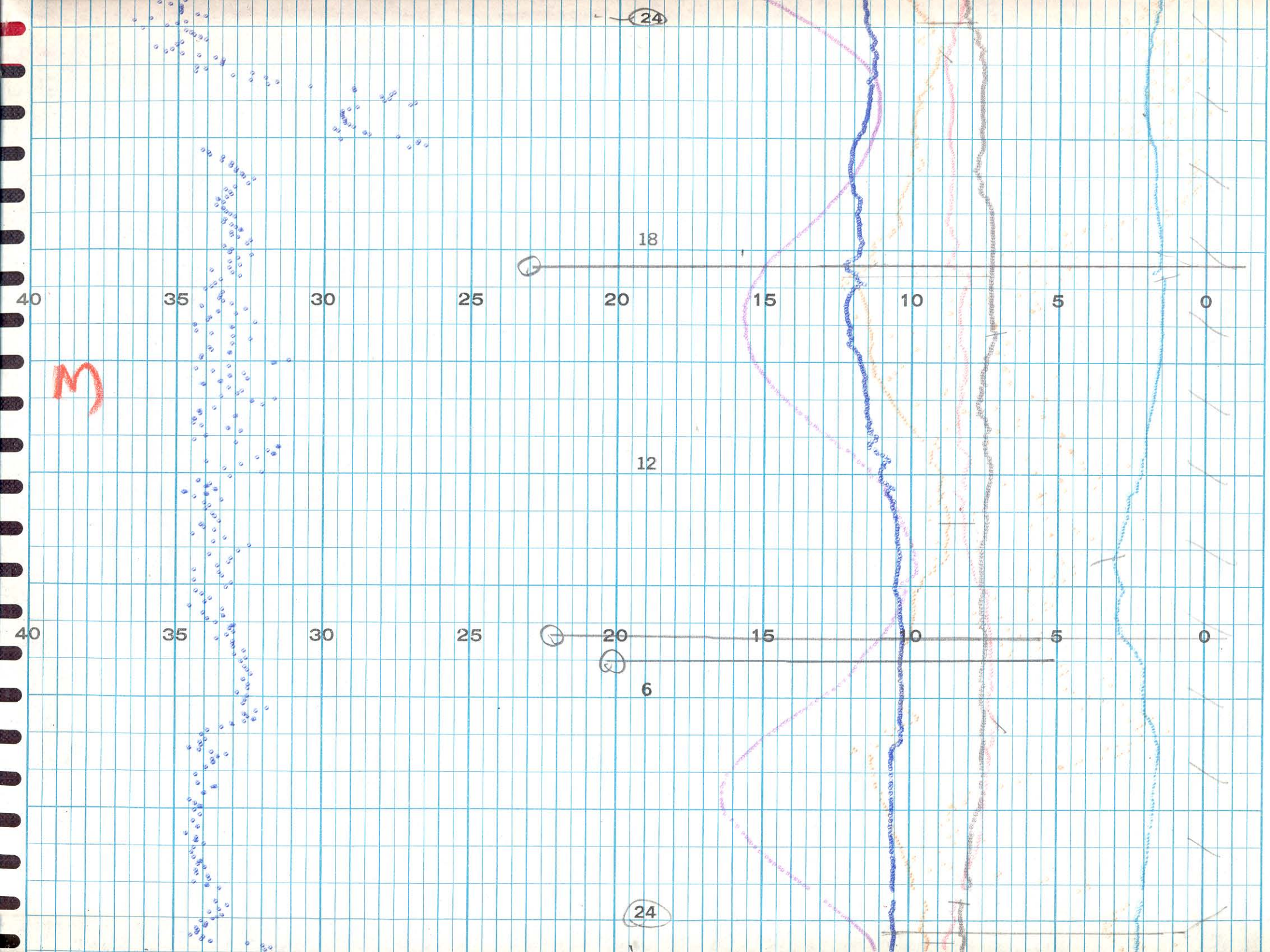
Benedict Bridge
1 april 65




24
18
12
6
40 35 30 25 20 15 10 5 0
40 35 30 25 20 15 10 5 0
40 35 30 25 20 15 10 5 0
1225
2 April 65
Reset
Span
Reset D.O. -0.8
Reset Cond = +0.7
24
CHART NO. 9544-1/2
HONEYWELL
PHILADELPHIA, PA.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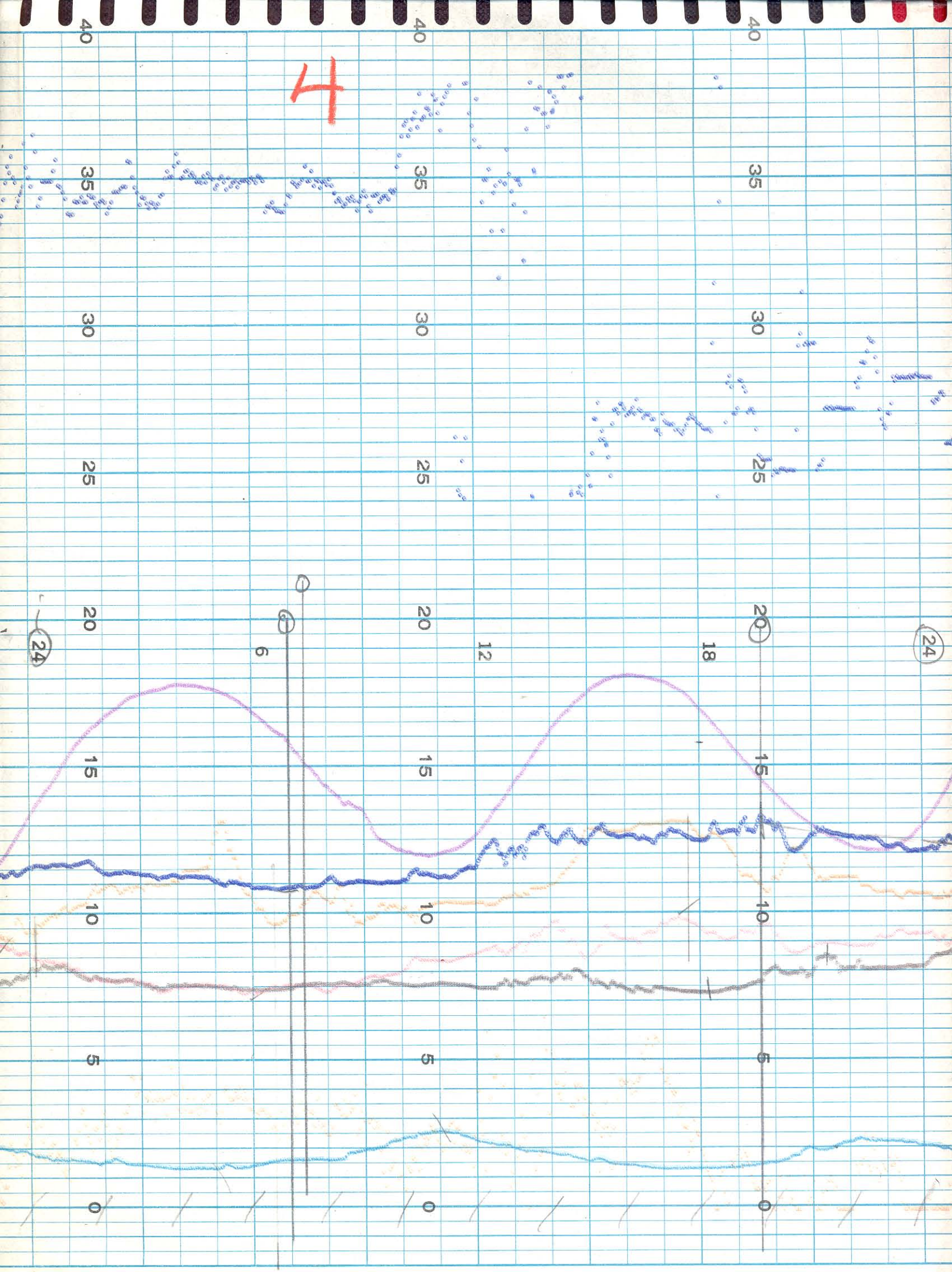
24
CHART NO. 95444½ HONEYWELL PHILADELPHIA, PA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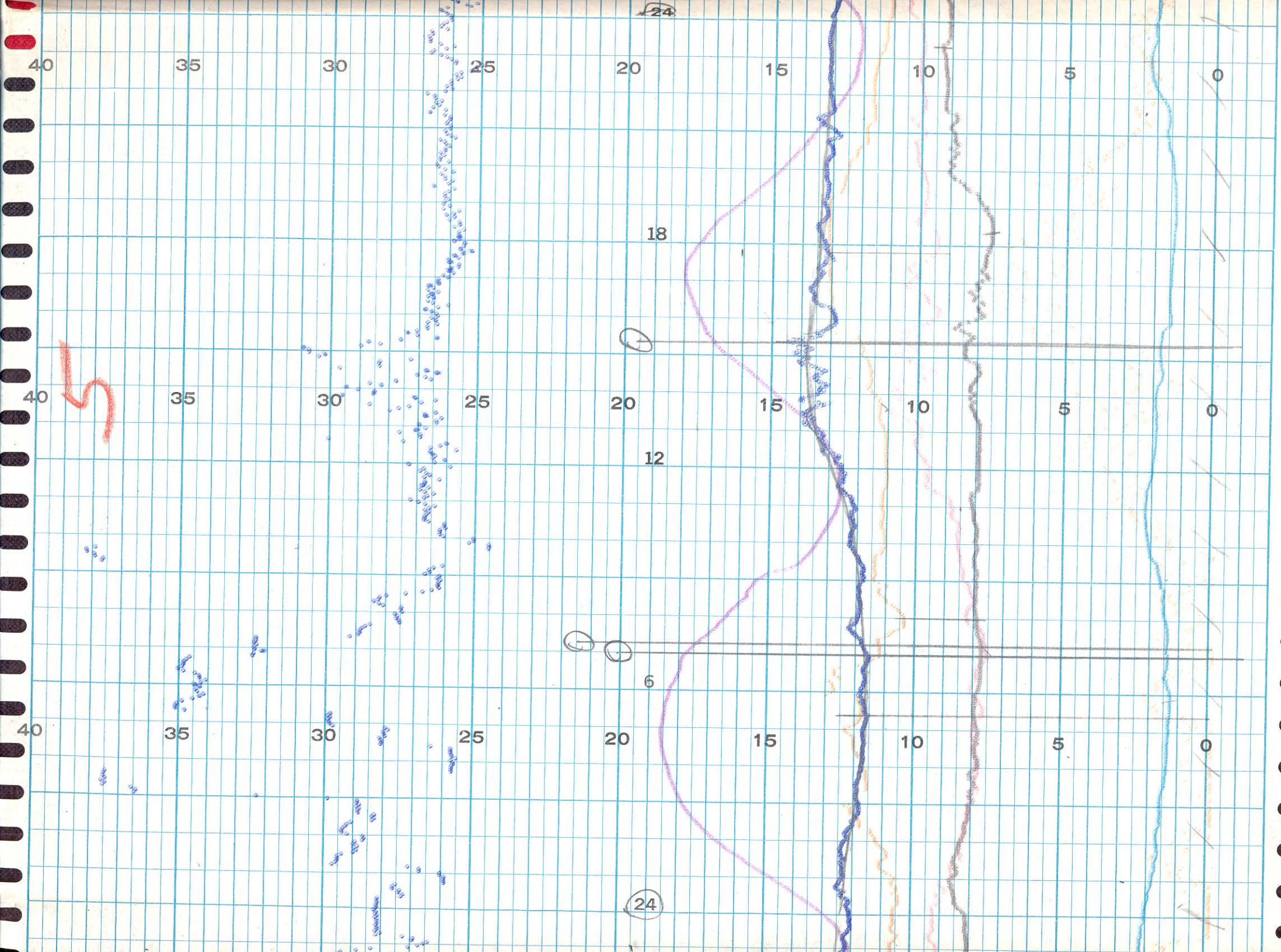
6
12
18
24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18
40 35 30 25 20 15 10 5 0
12
6
40 35 30 25 20 15 10 5 0
24
5
CHART NO. 9544-¼

6
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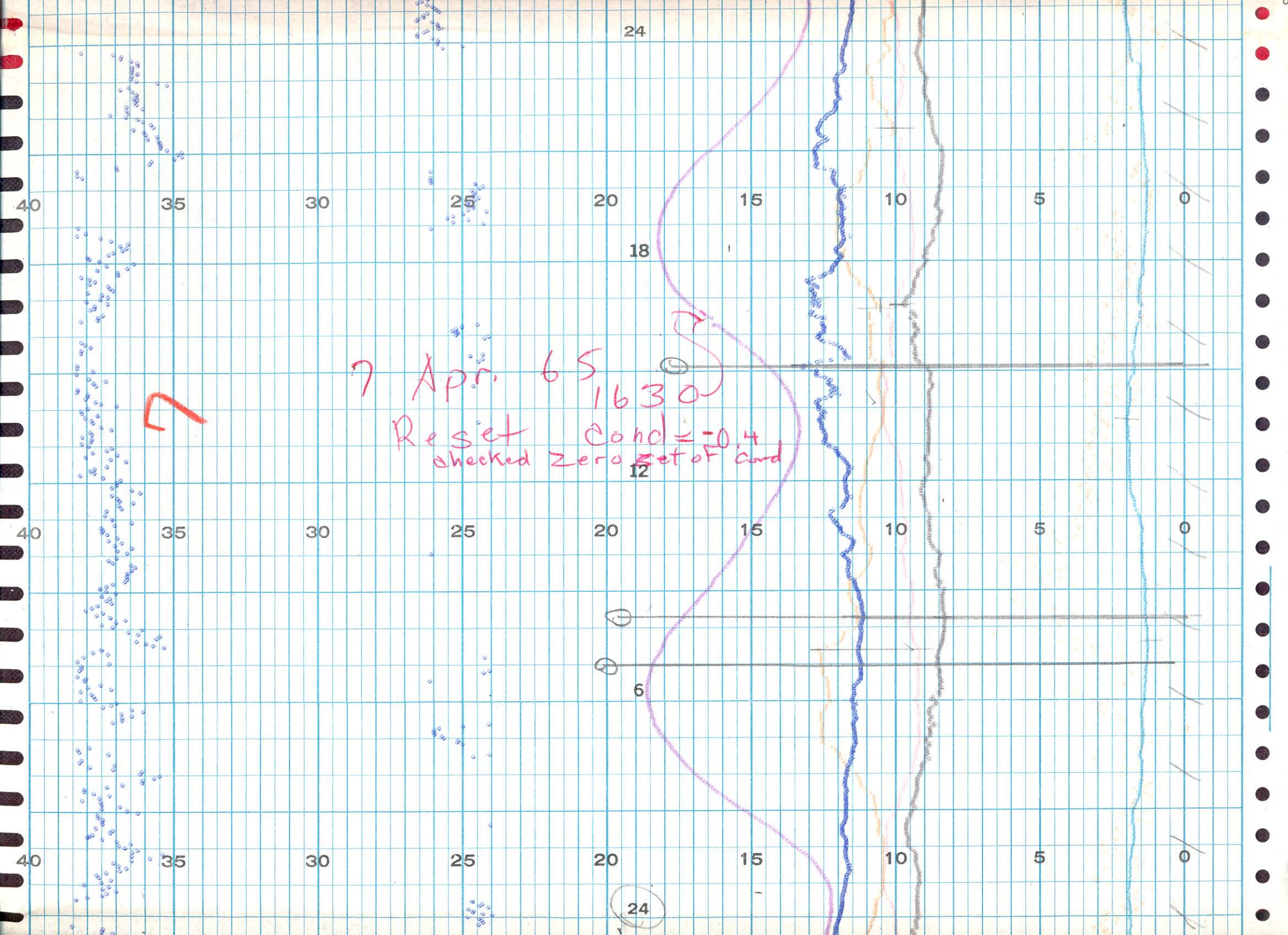
12
18
24


7 Apr. 65
1630
Reset cond = -0.4
checked zero set of cond
24
18
12
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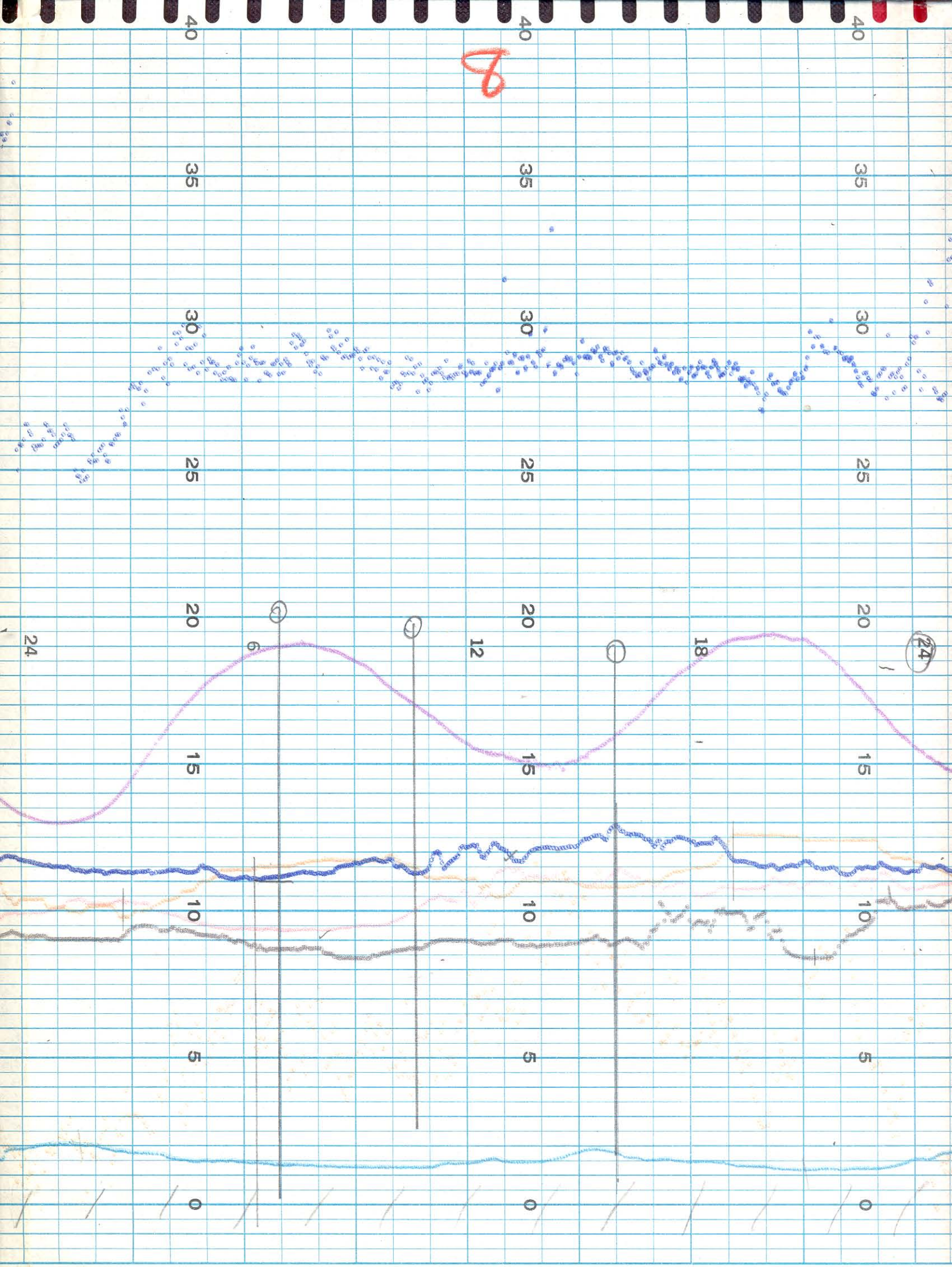
0



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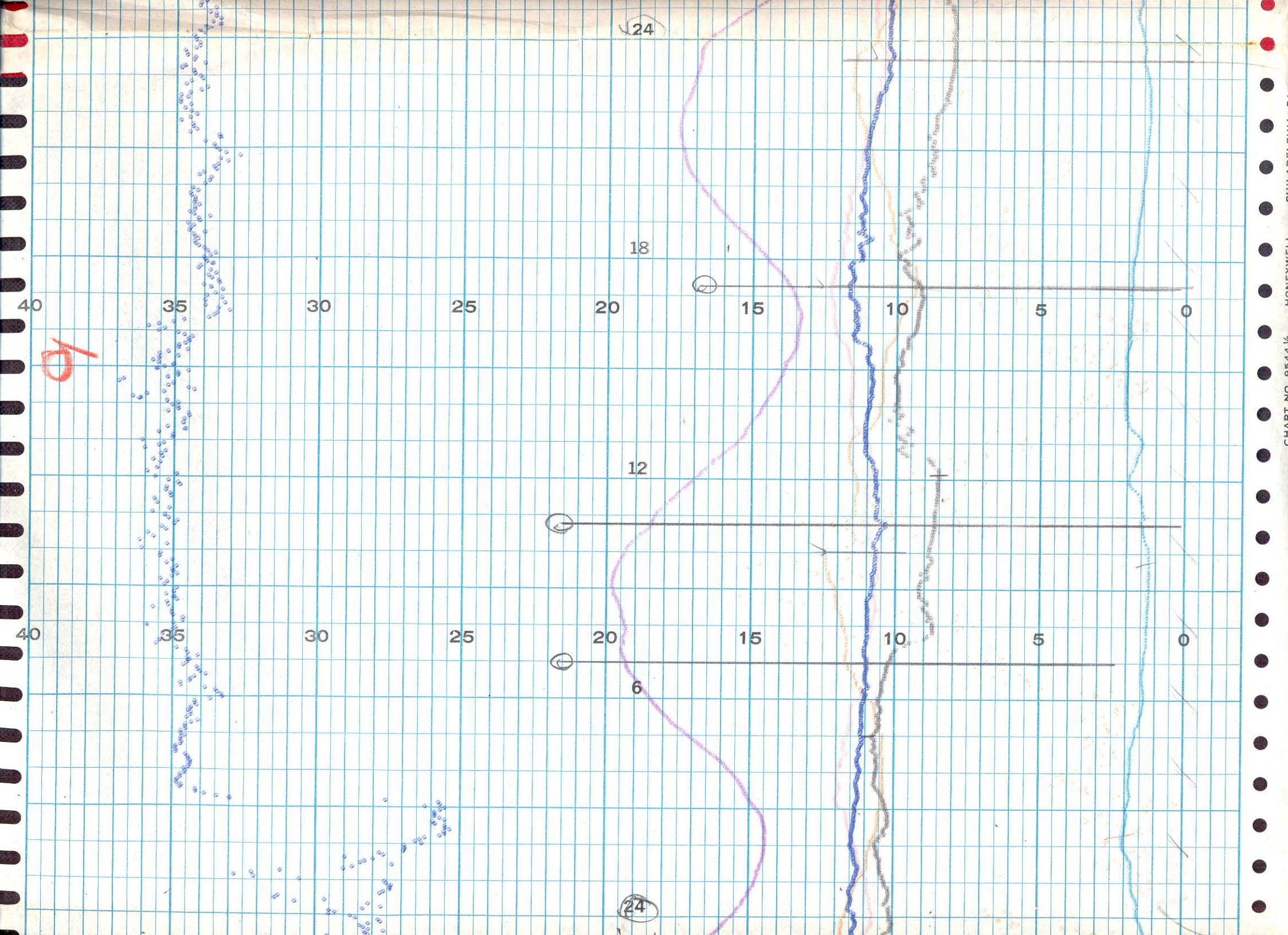
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24

10

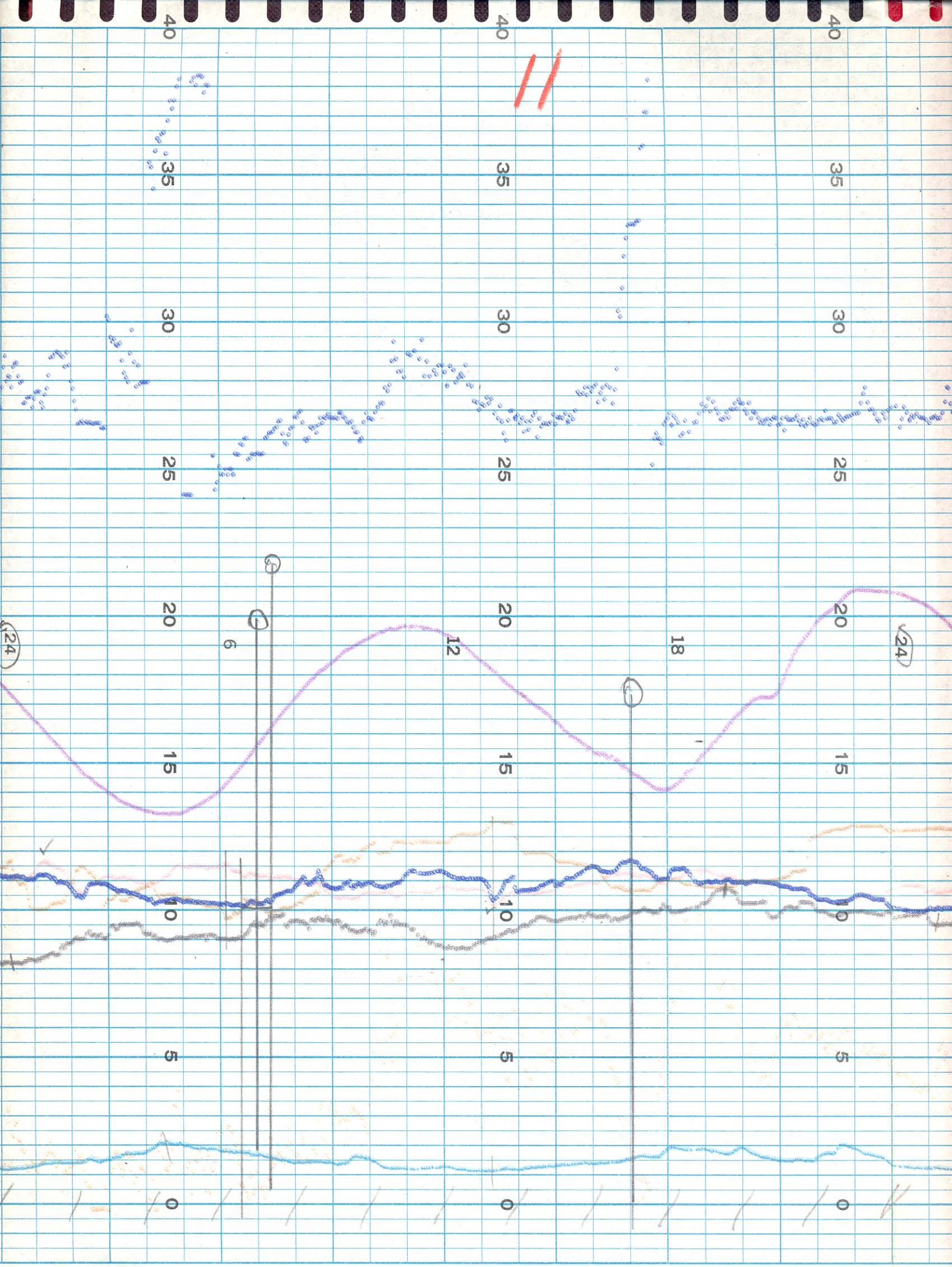


CHART NO. 9544-1/3 HONEYWELL. PHILADELPHIA, PA.

but since water is rough
is diff. 24 lt to
be ~~certa~~ certain
1 wn

12

40 35 30 25 20 15 10 5 0

18

12

40 35 30 25 20 15 10 5 0

6

24

CHART NO. 9544-¼ HONEYWELL PHILADELPHIA, PA.

13

24

40 35 30 25 20 15 10 5 0

18

12

No Max out

40 35 30 25 20 15 10 5 0

1030
13 April 65
Reset span of Wind Vel.
5 mph
Wind parameter searching

Surface Cond meter
reading 1000 Lower
tide may be off.
but since water is rough
is diff. to

40 35 30 25 20 15 10 5 0

24

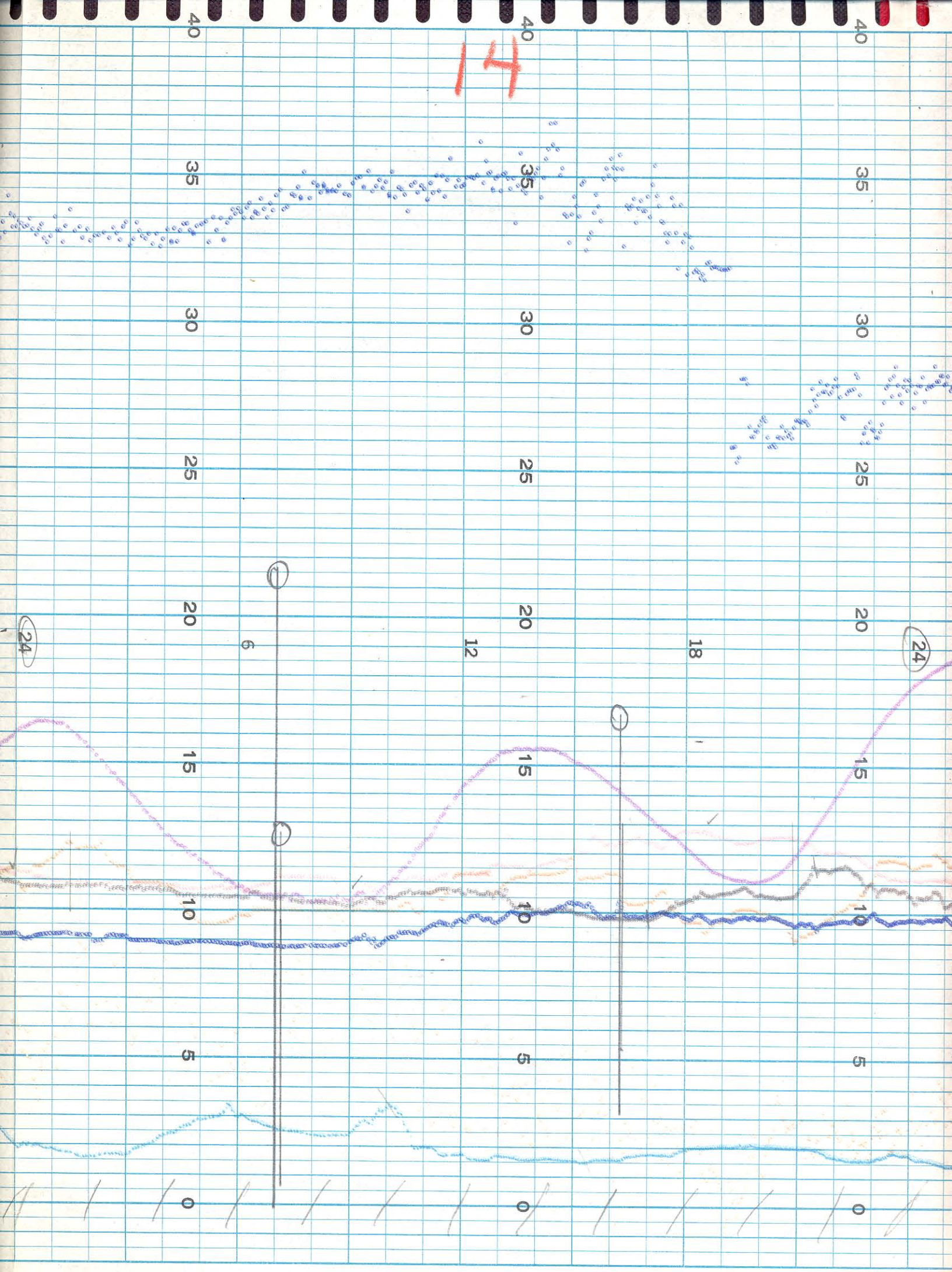


CHART NO. 9544-½ HONEYWELL. PHILADELPHIA, PA.

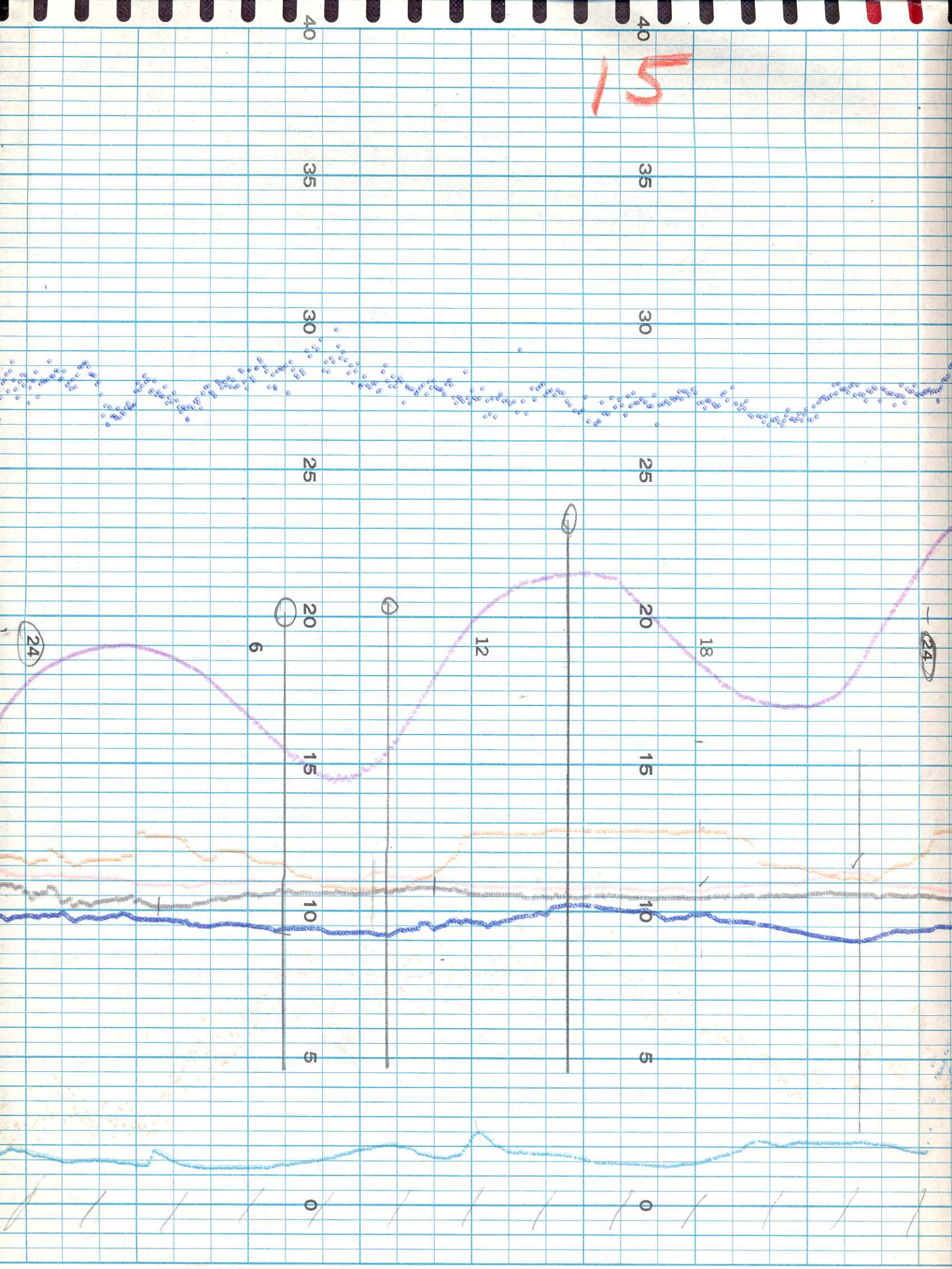
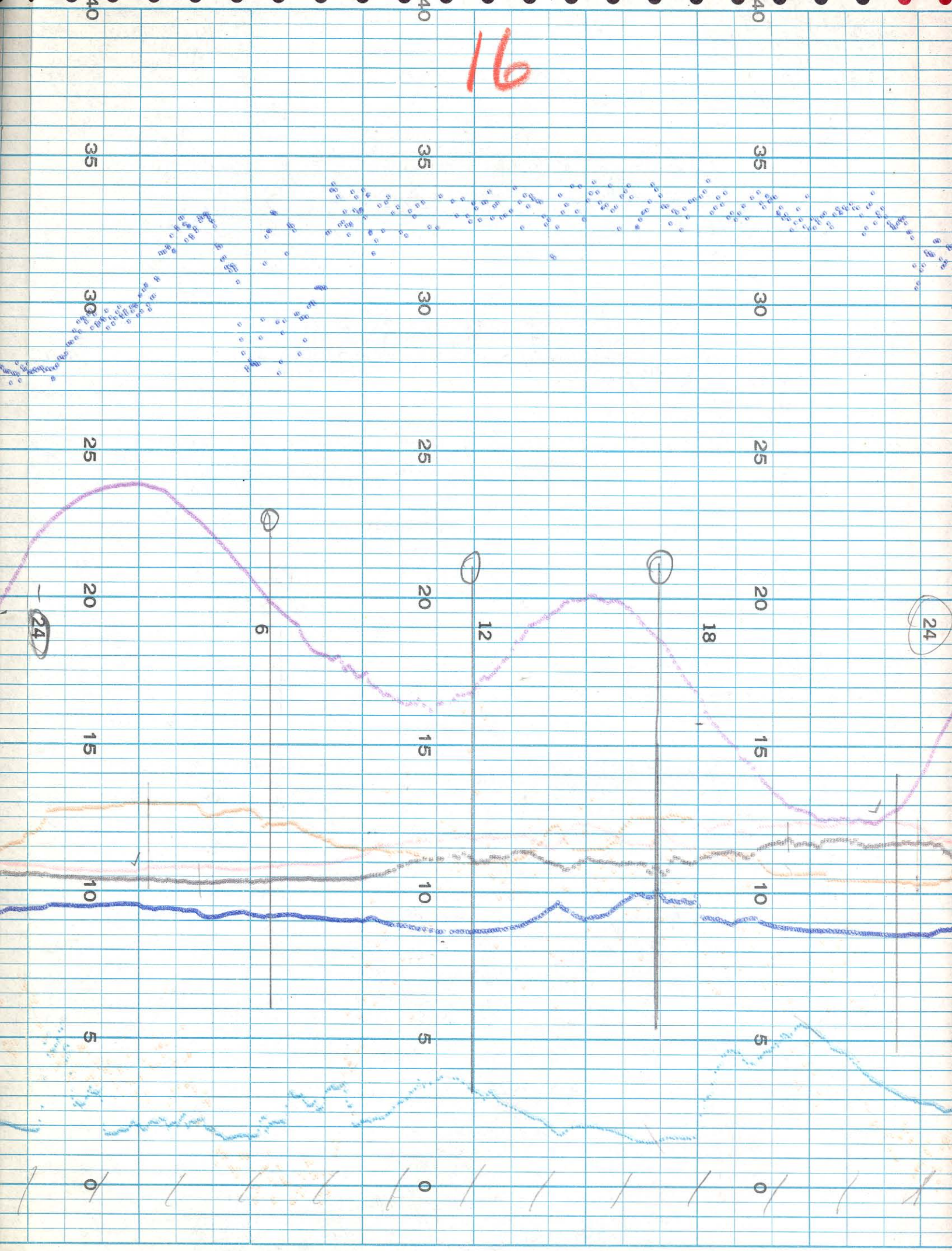


CHART NO. 9544-½ HONEYWELL PHILADELPHIA, PA.

16



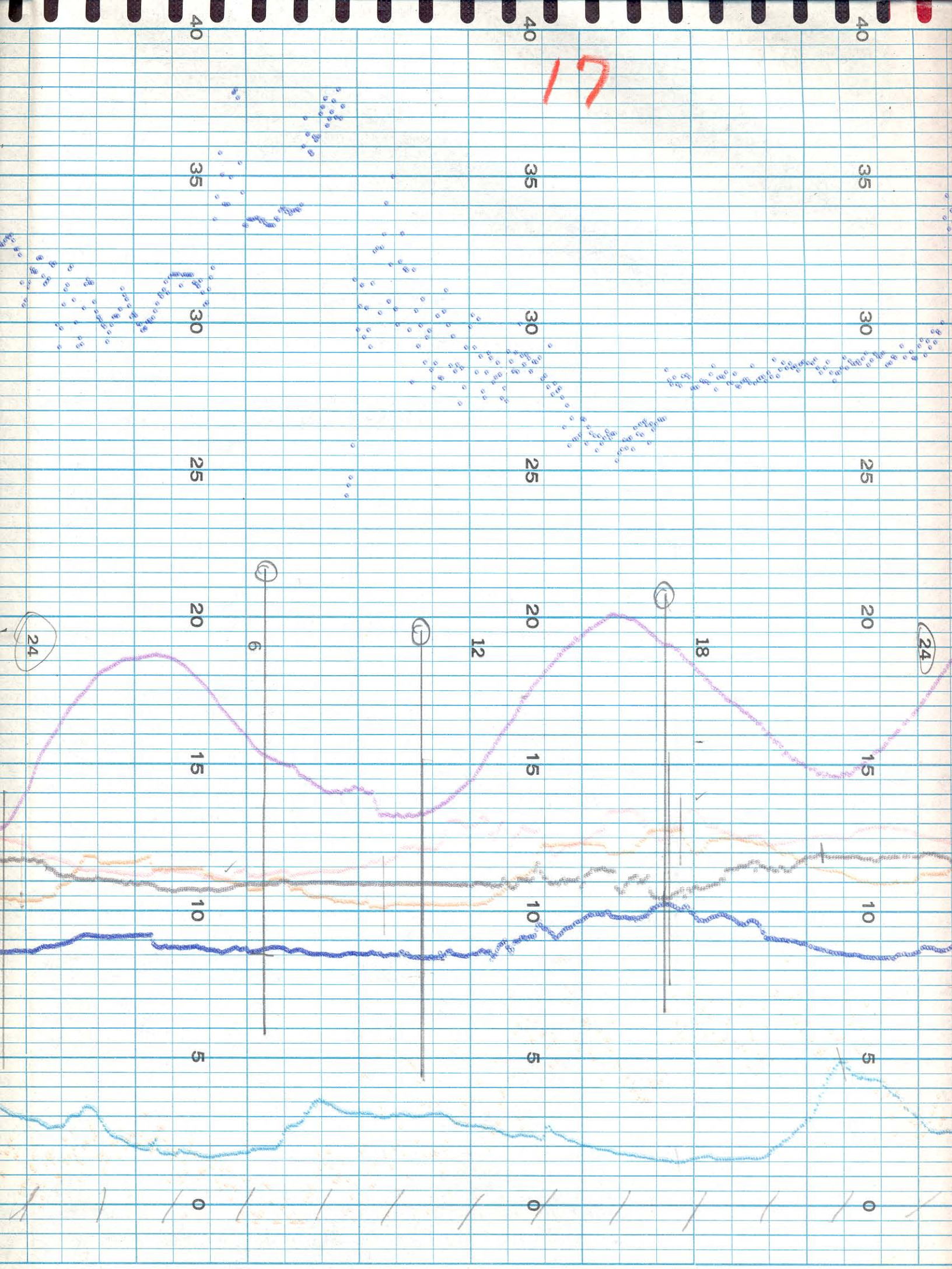


CHART NO. 9544-1/3 HONEYWELL. PHILADELPHIA, PA.

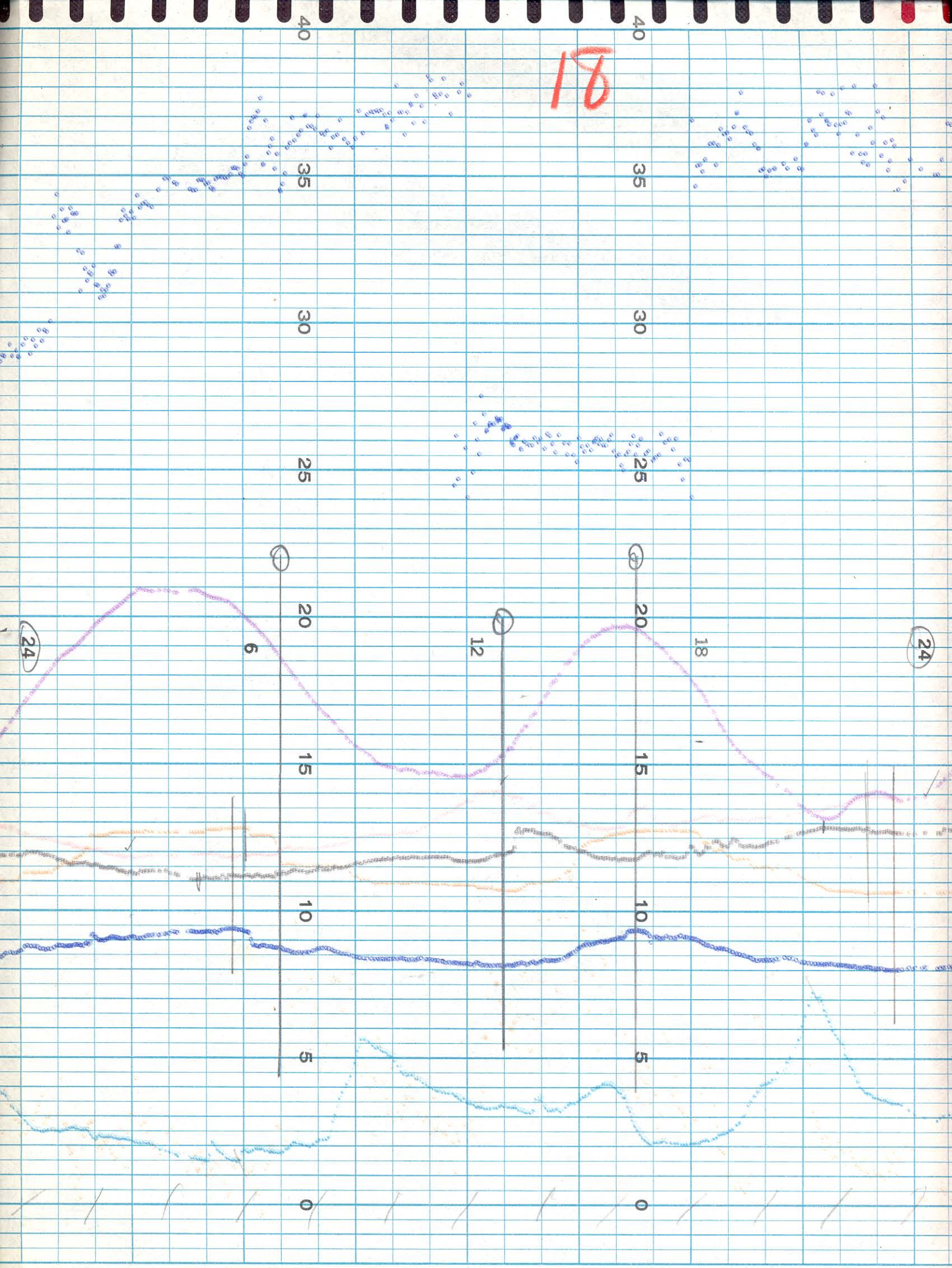
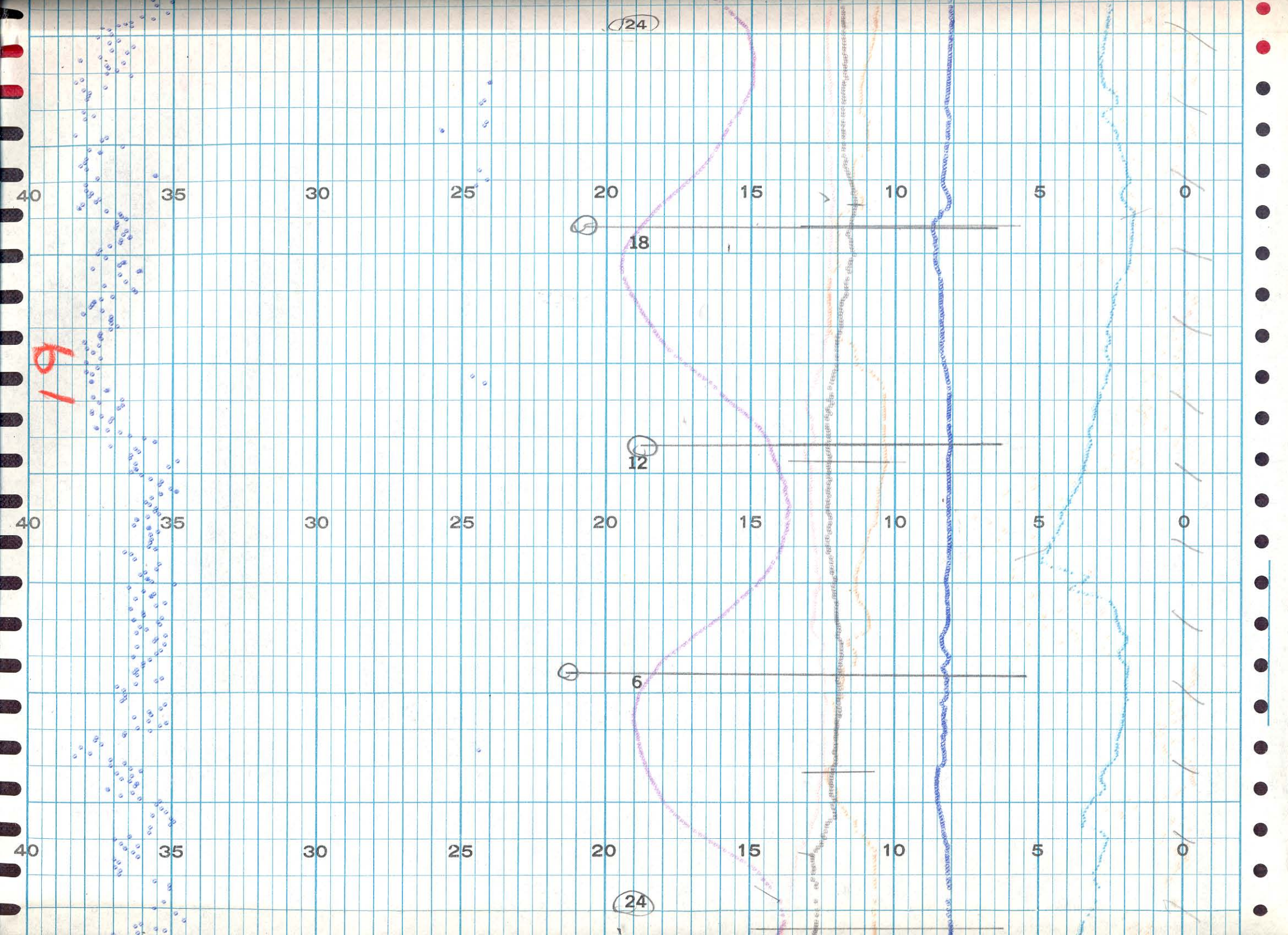


CHART NO. 9544-1/3 HONEYWELL PHILADELPHIA, PA.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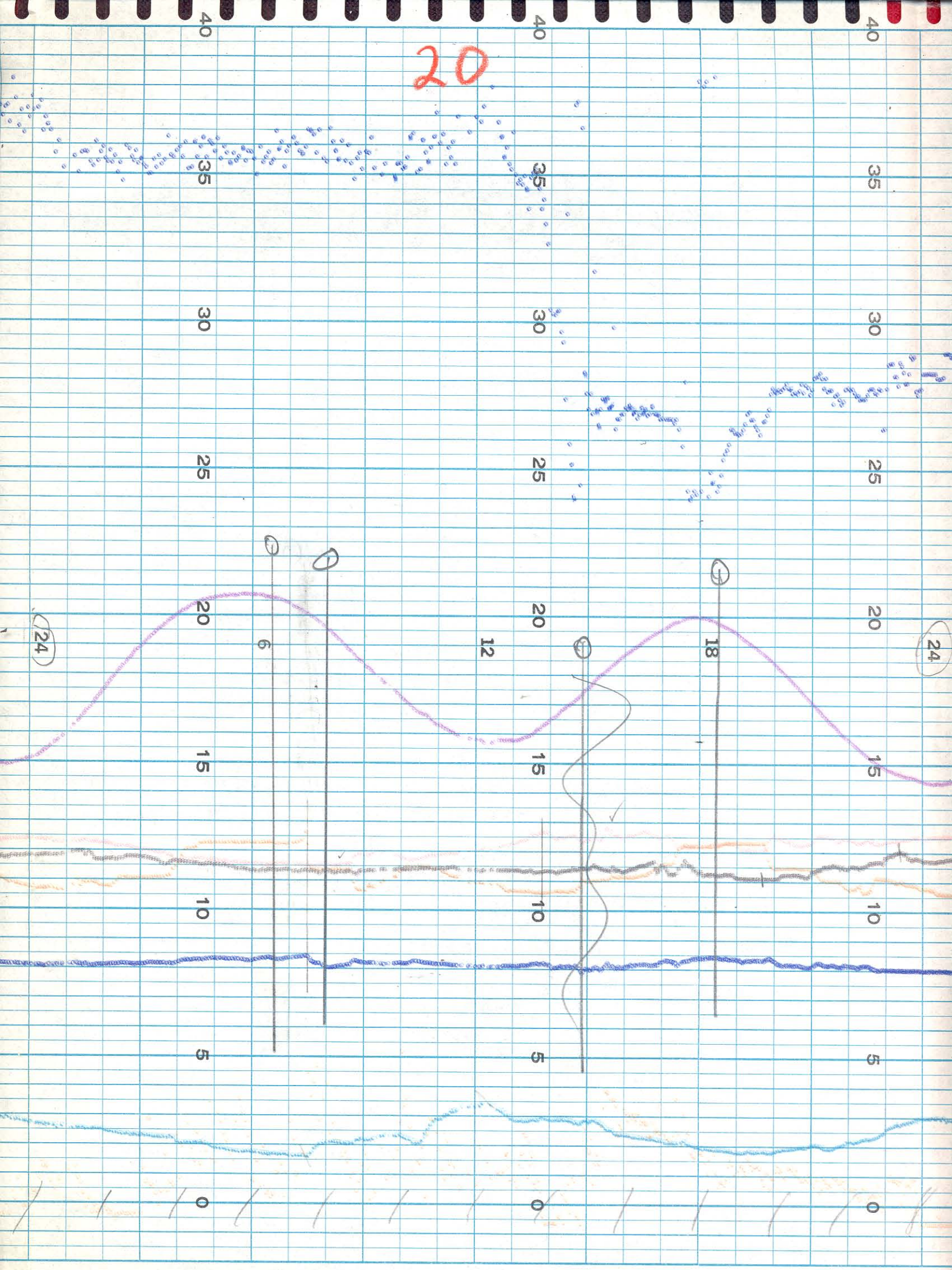
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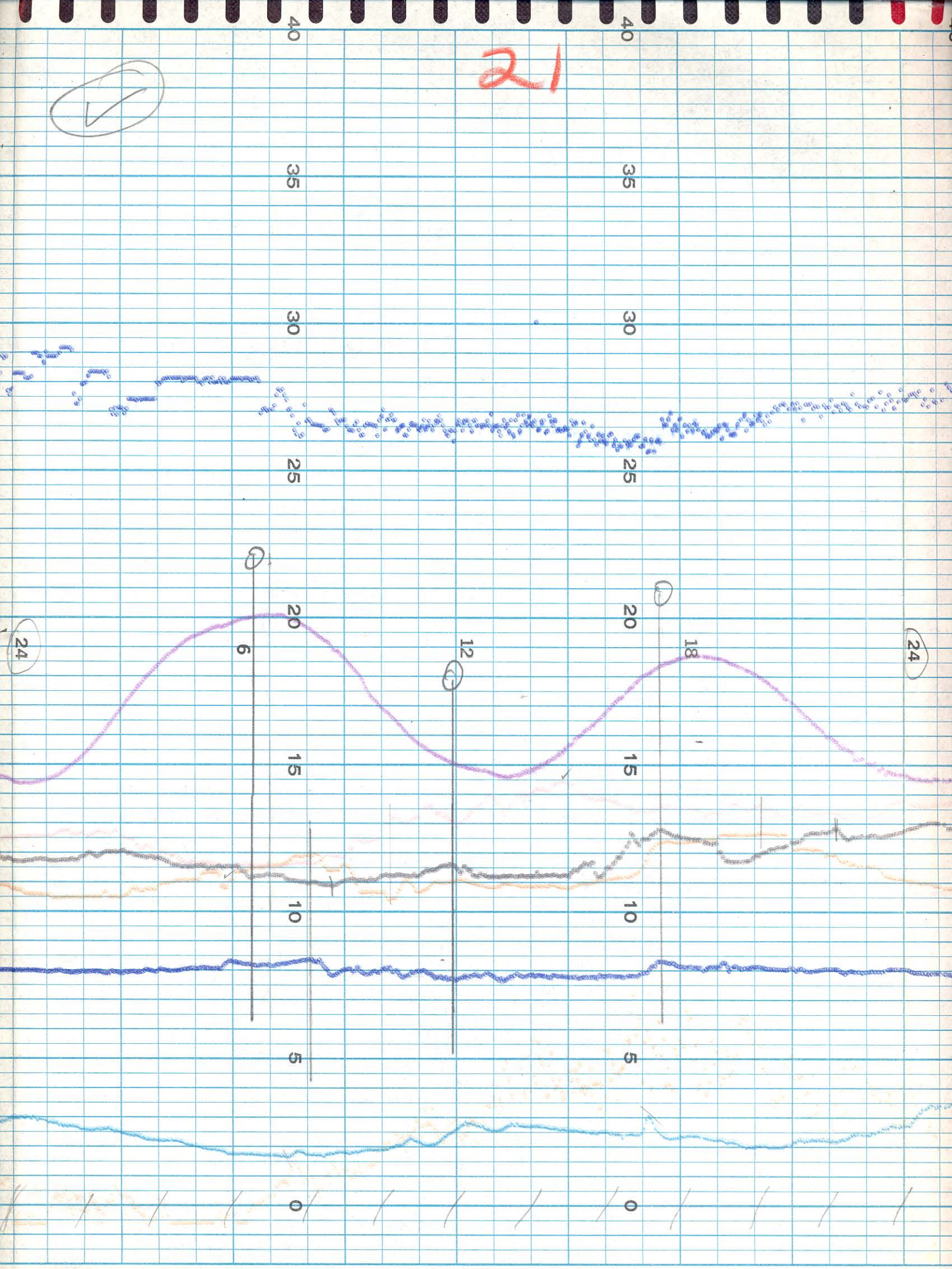
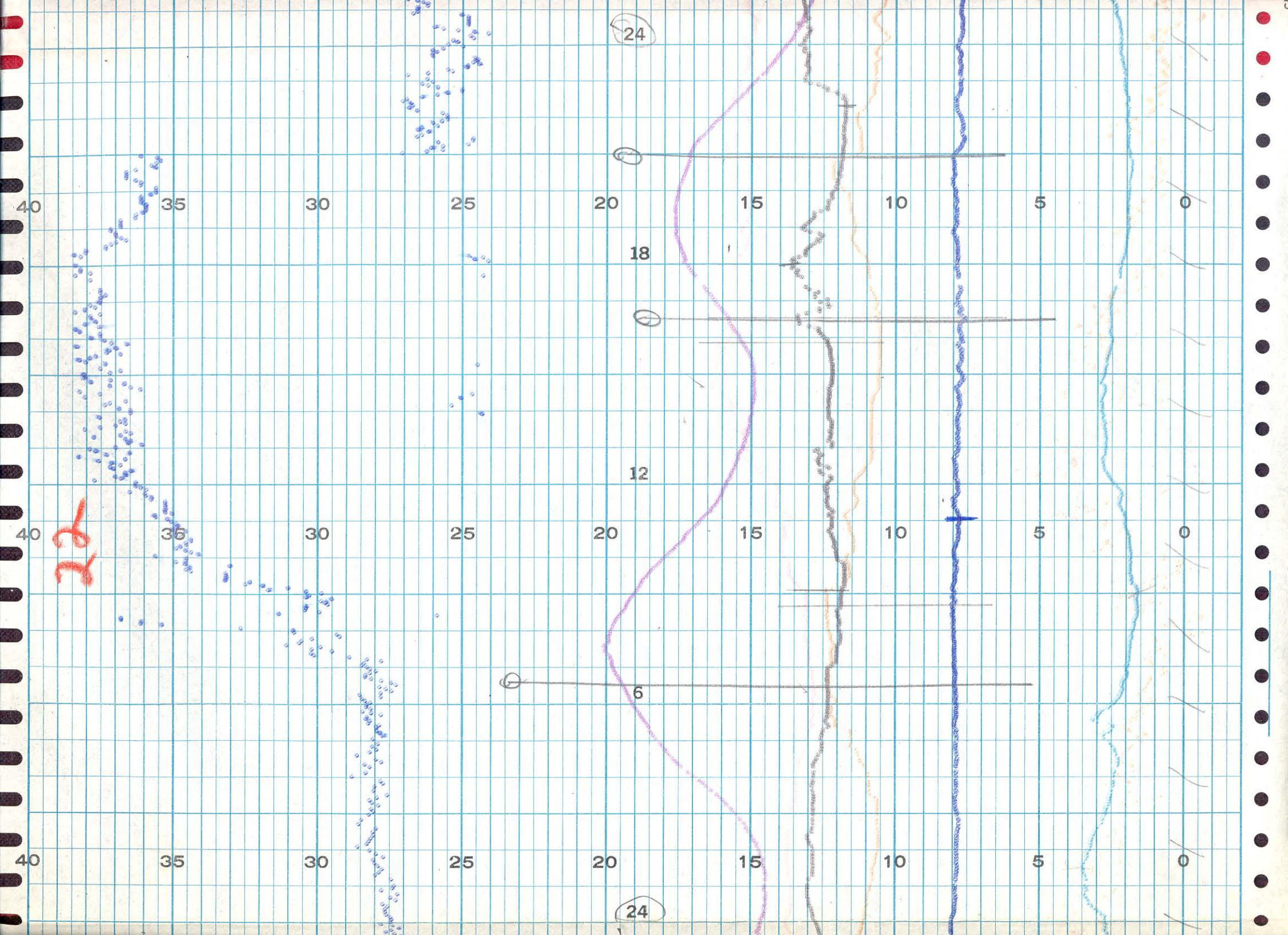


CHART NO. 9544-½ HONEYWELL PHILADELPHIA, PA.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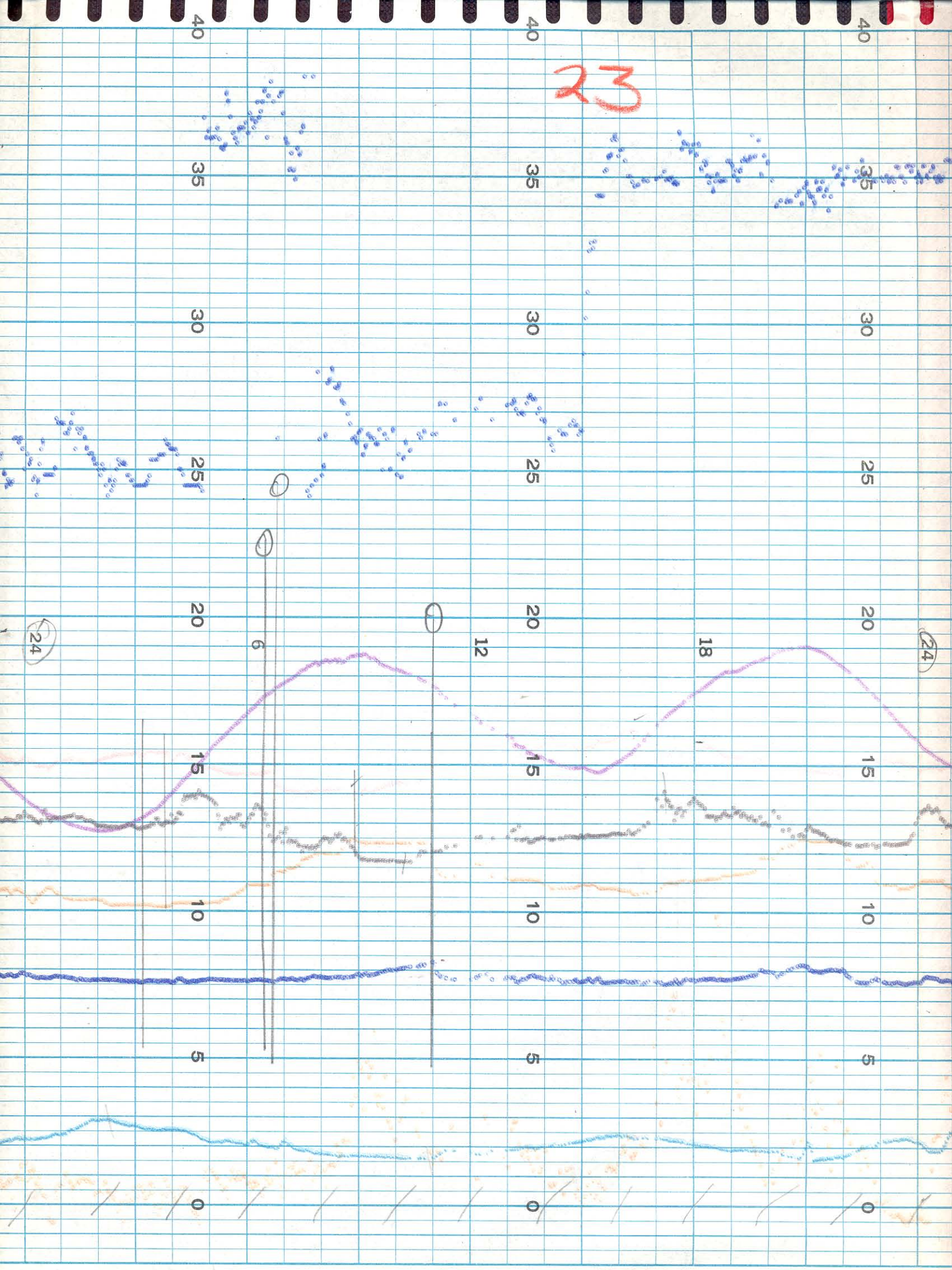
23
24
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40
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12
18

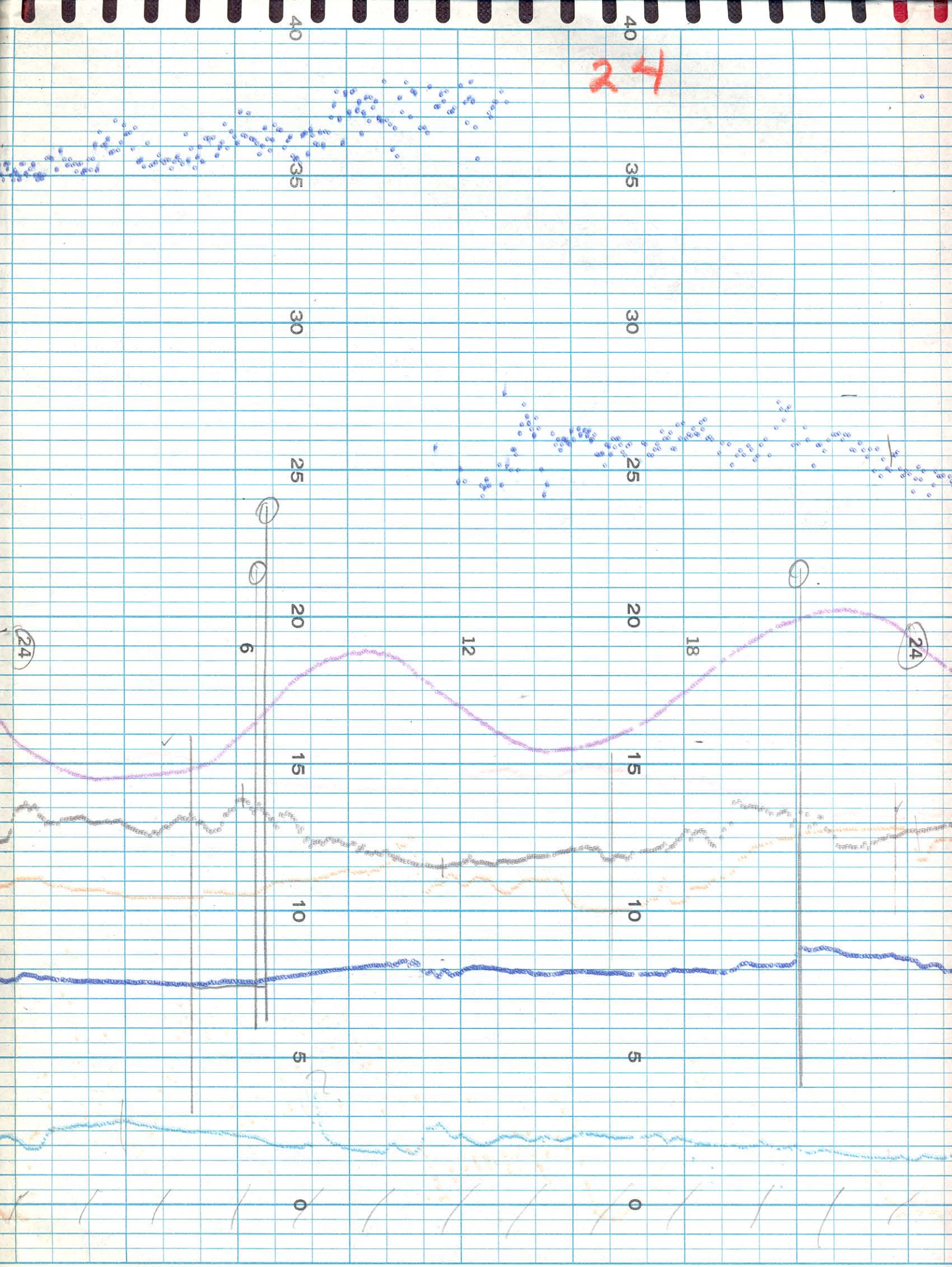
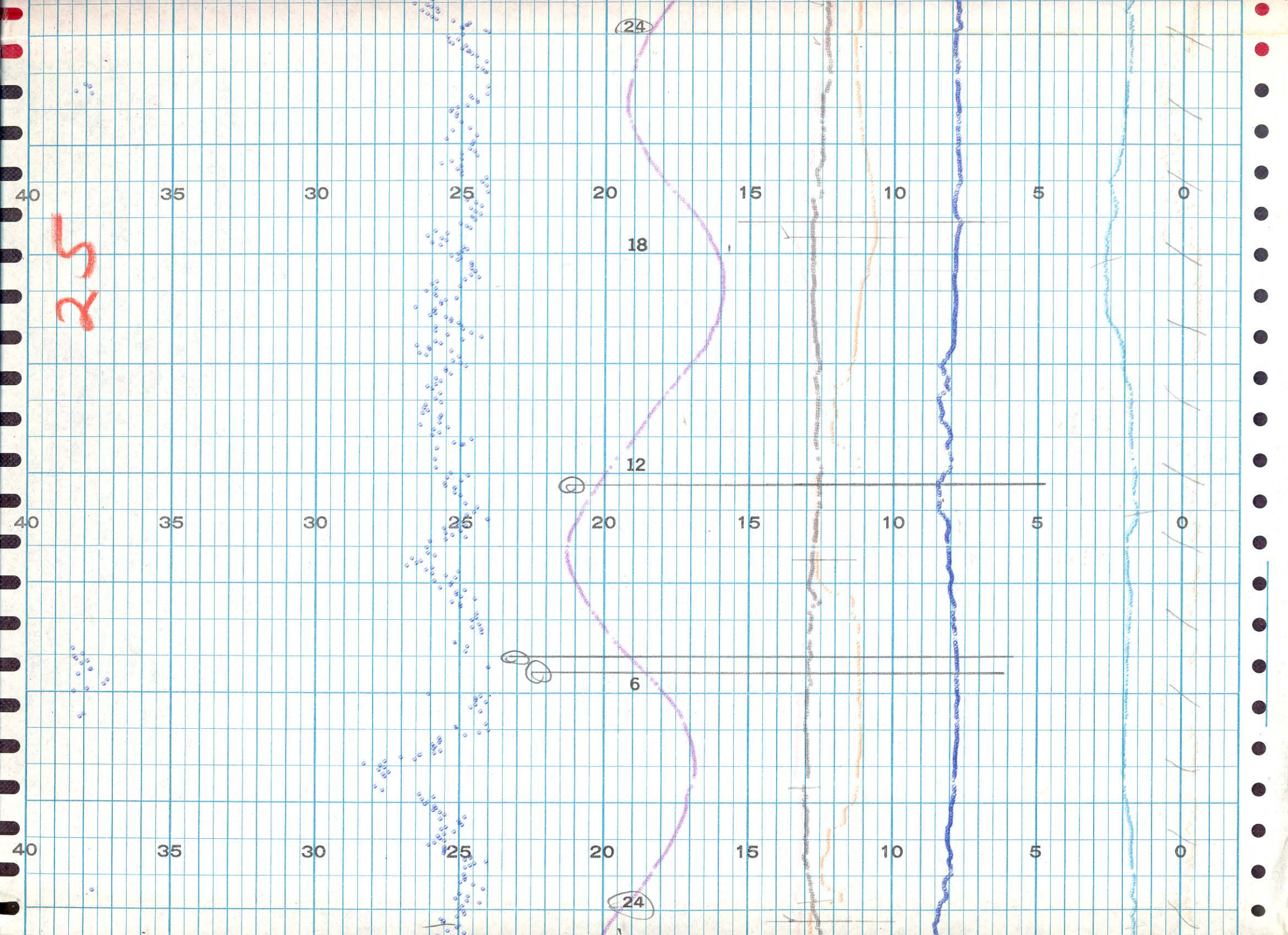


CHART NO. 9544-½ HONEYWELL. PHILADELPHIA, PA.


R5
24
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12
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24
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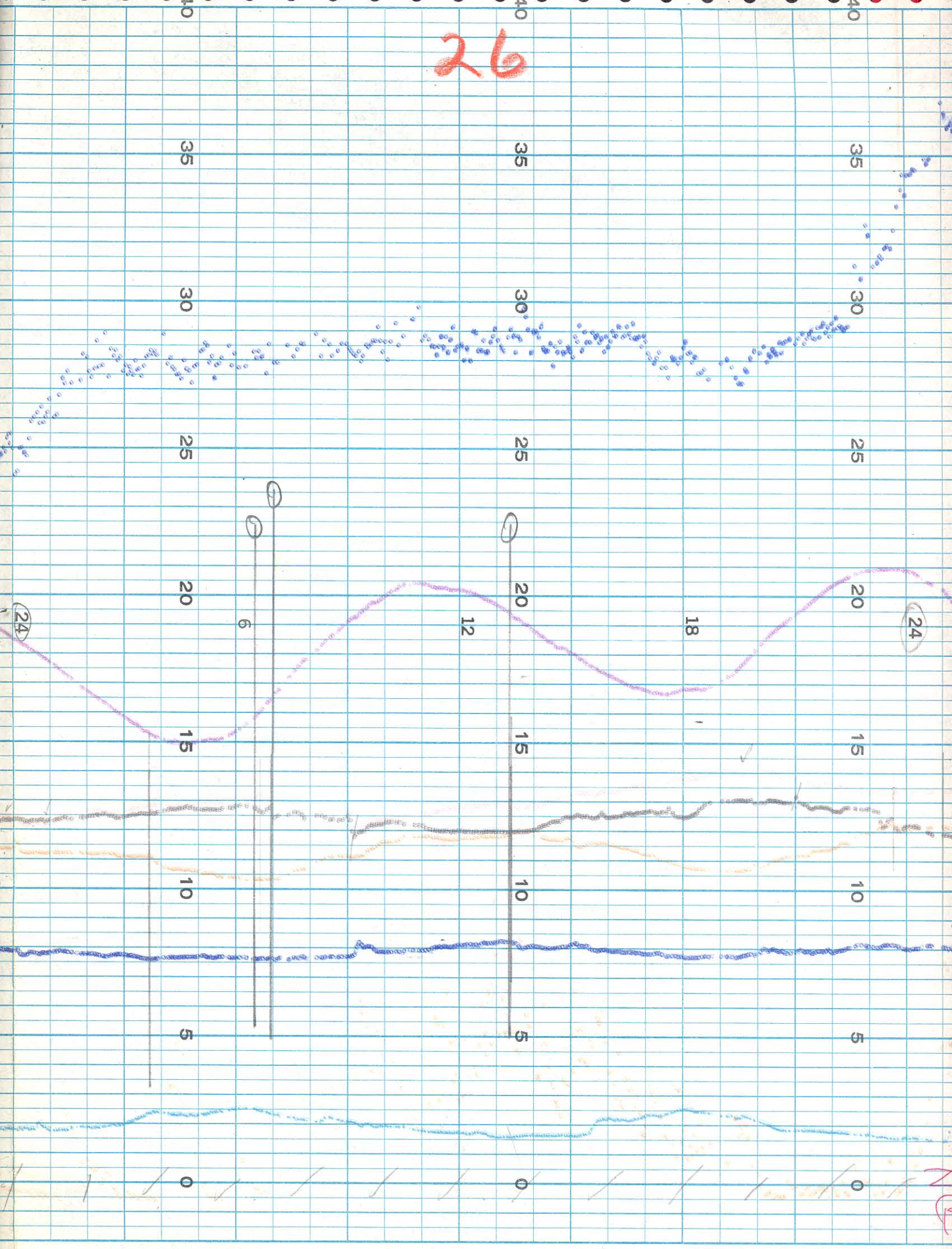
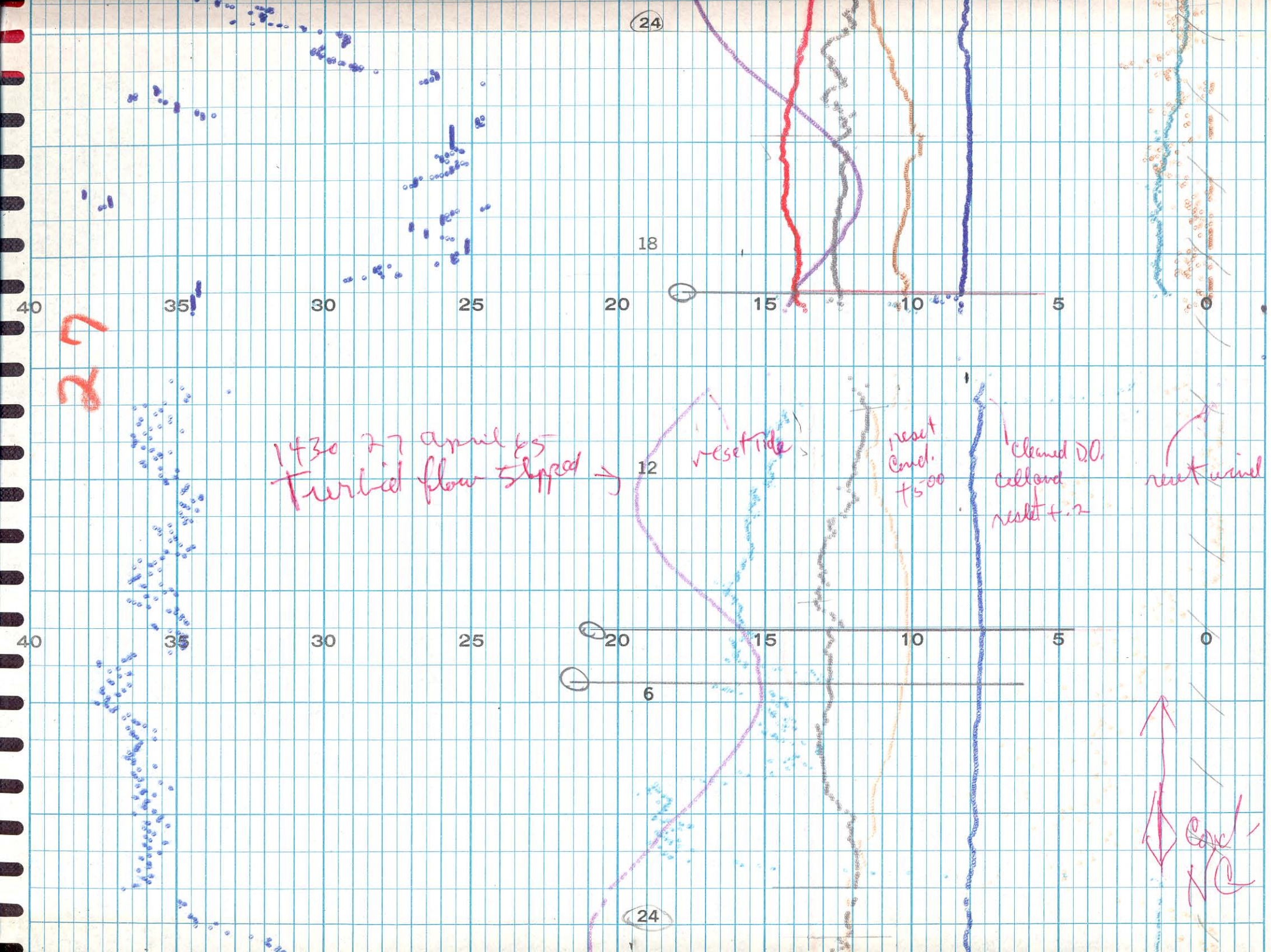
0

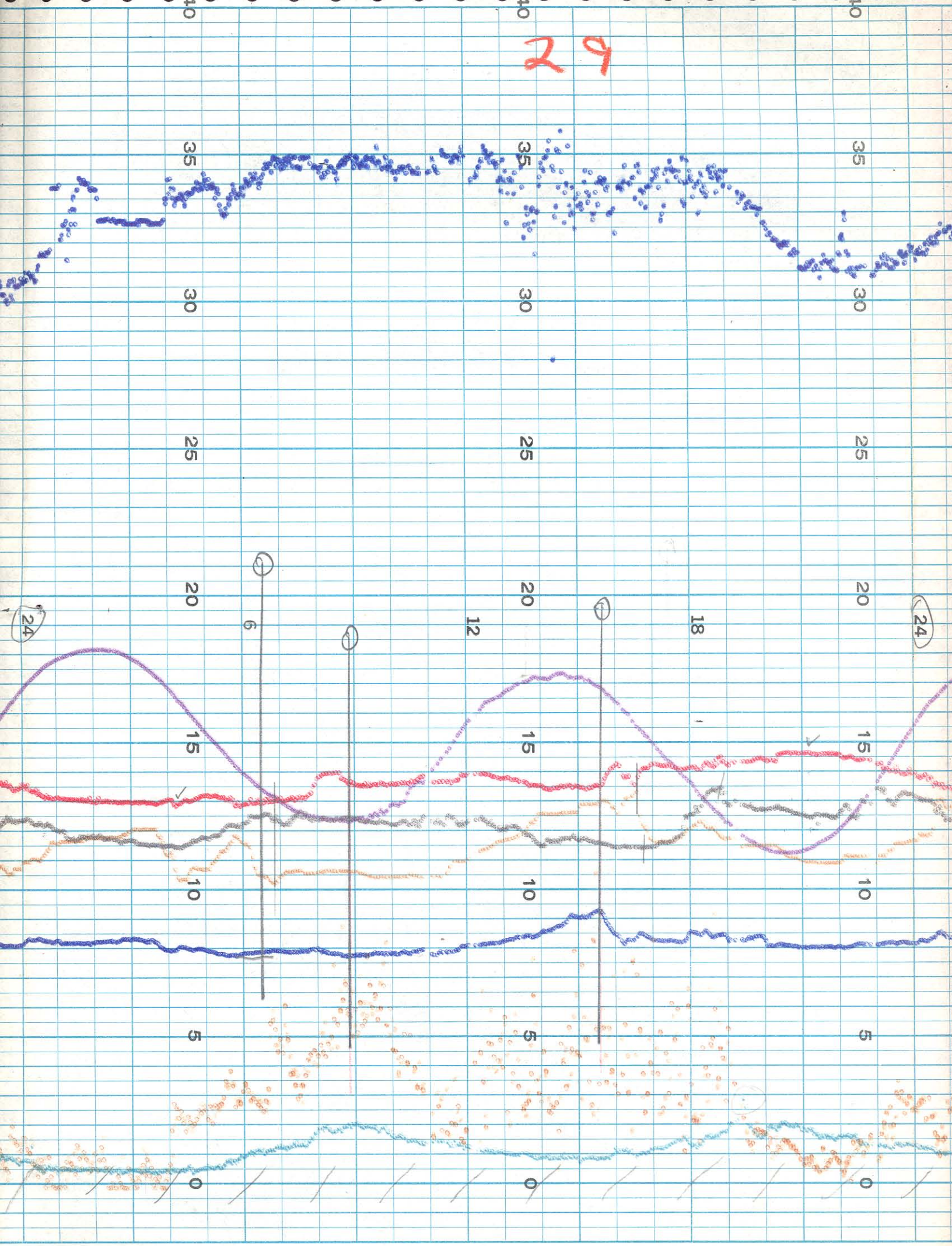
26




24
18
40
35
30
25
20
15
10
5
0
12
6
1430 27 April 65
Turbid flow stopped
reset tide
reset Cond. t5:00
Cleaned D.O. cell and reset t.2
reset wind
Cond
NC

28

29



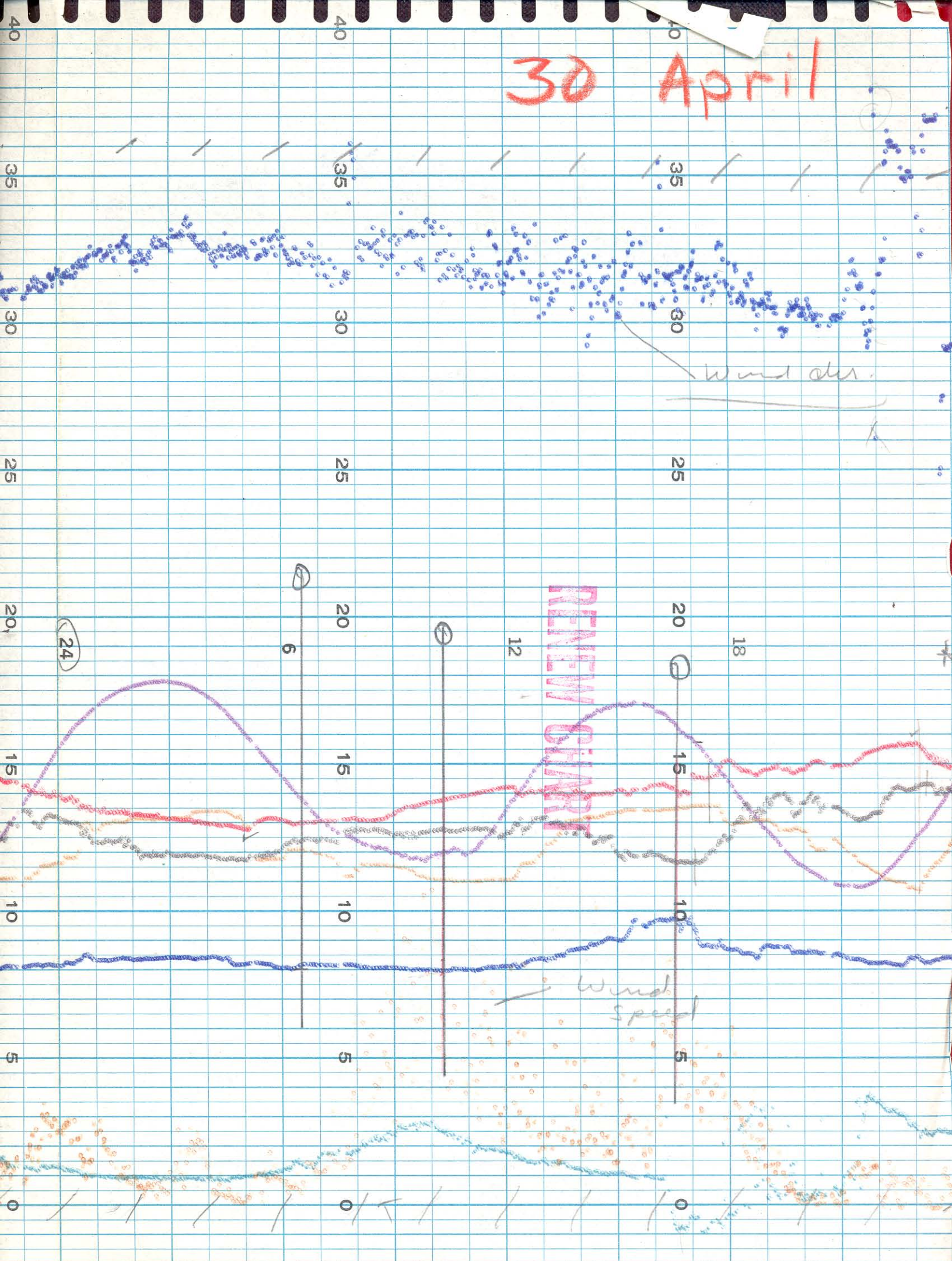


CHART NO. 9544-1/3 HONEYWELL. PHILADELPHIA, PA.

SS.1
220
291

Month	April		April		Apr.		May						
Day	7		13		Tues 27		4 Tues						
Time Local	1615 ~~1617~~		1015		1420		915						
Sur ~~Air~~ Temp. C° Honeywell	10.2		12.1		13.5		17.8						
Surf. ~~Air~~ Temp. C°	10.3		11.9		13.7		17.9						
Bot Water Temp. C° Honeywell	9.3		11.5		12.1		16.7						
Bot Water Temp. C°			–		–		16.9						
Conductivity Micromhos ~~Honeywell~~	10.9		11.5		10.4 ~~10.0~~		12.7 changing						
Conductivity Micromhos Serfass	10.5		rising 11.9		10.5 ~~10.2~~		12.9						
Water Samp. Bottle No.													
Dissolved O_2 Honeywell	Changing rapidly 12.5		9.2 rising		7.8		8.7	8.9					
Dissolved O_2 Winkler	12.8 13.0		9.4		8.4		8.9 8.7	8.8 8.9					
Turbidity JCU Honeywell	17		23		–		26						
Turbidity Hellige	–				–		22						
Tide Honeywell	+.7		+.8		+1.1		+.4						
Tide Staff	+.7		+.5		+.5		+.2						
Wind Vel. MPH Honeywell	3		20		3		11						
Wind Vel. Air Speed Ind. MPH	4		20		4		11						
Wind Direc. Honeywell	SE		NW		NNW		NNW						
Wind Direc. Air Speed Ind	ESE		NW		NNW		NNW						
	Cond. 10.4 Sat. 4		5 mph Low		= 8.4		ebrator						

Surf. ~~Air~~ Temp. C°	10.3		11.9		13.7		17.9						
Bot Water Temp. C° Honeywell	9.3		11.5		12.1		16.7						
Bot Water Temp. C°			–		–		16.9						
Conductivity Micromhos ~~Honeywell~~	10.9		11.5		10.4 ~~11.0~~		12.7 changing						
Conductivity Micromhos Serfass	10.5		rising 11.9		10.8 ~~10.2~~		12.9						
Water Samp. Bottle No.													
Dissolved O_2 Honeywell	changing rapidly 12.5		9.2 rising		7.8		8.7	8.9					
Dissolved O_2 Winkler	12.8 13.0		9.4		8.4		8.9 8.7	8.8 8.9					
Turbidity JCU Honeywell	17		23		–		26						
Turbidity Hellige	–				–		22						
Tide Honeywell	+.7		+.8		+1.1		+.4						
Tide Staff	+.7		+.5		+.5		+.2						
Wind Vel. MPH Honeywell	3		20		3		11						
Wind Vel. Air Speed Ind. MPH	4		20		4		11						
Wind Direc. Honeywell	SE		NW		NNW		NNW						
Wind Direc. Air Speed Ind	ESE		NW		NNW		NNW						
Remarks	24-44.6 - 12.8 27-45.4 - 13.0 Reset span Con Cond Check Zero set -0.4		Reset span on wind vel. - 5 mph Sun Cond. meter reading too Low		#27 - 32.7 } 9.4 #24 - 32.7 }		Cond. check = 11.8 @ 20.6°C ok. DO. = 29.0 = 8.4 DO. = 29.1 = 8.4		Turbid. Flow stopped. - Valve broken #27 - 29.5 - 8.9 25 - 29.1 - 8.4		#27 = 30.8 - 8.9 24 - 30.0 - 8.7		24 - 30.4 - 8.75 25 - 30.8 - 8.9