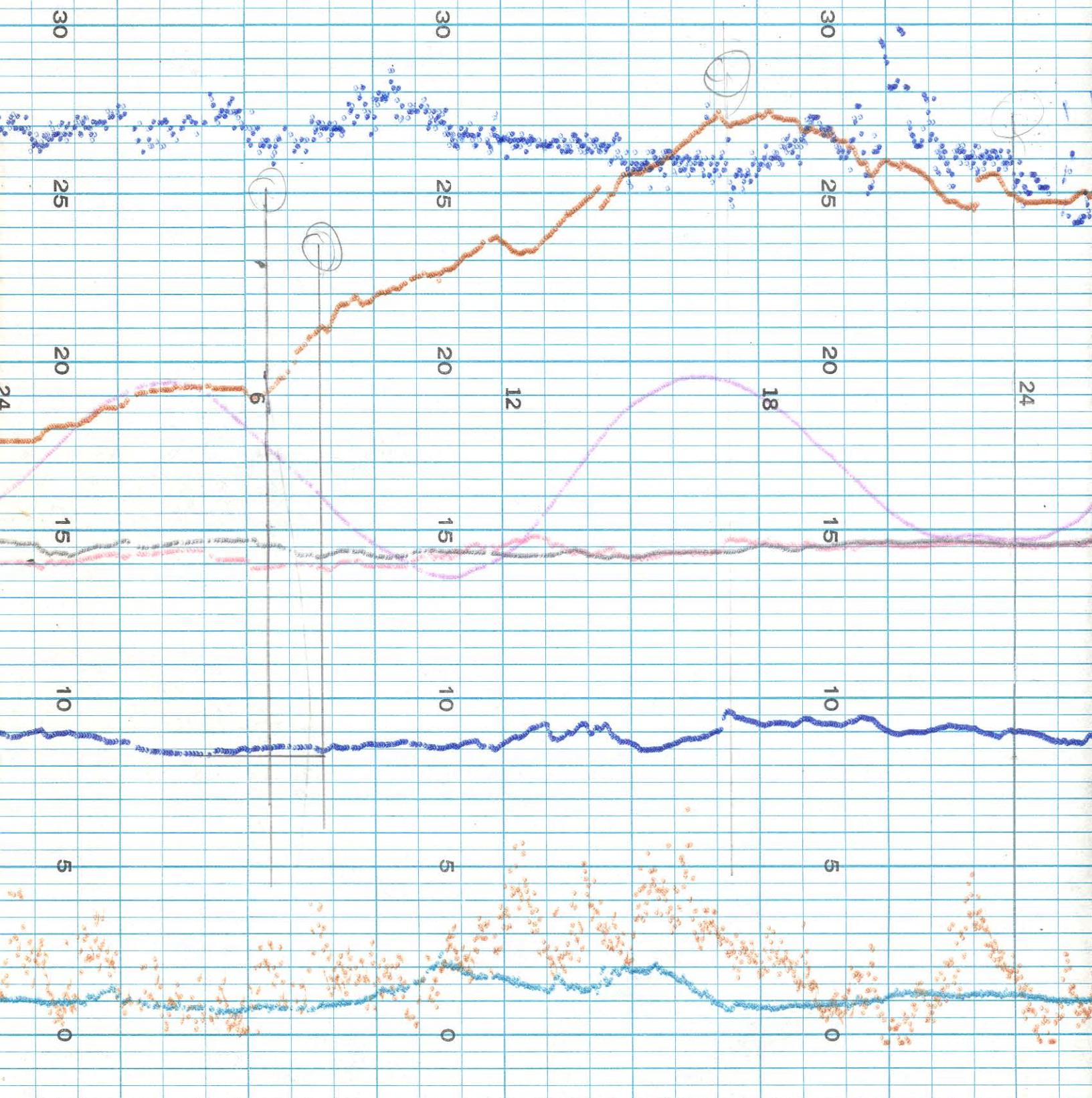
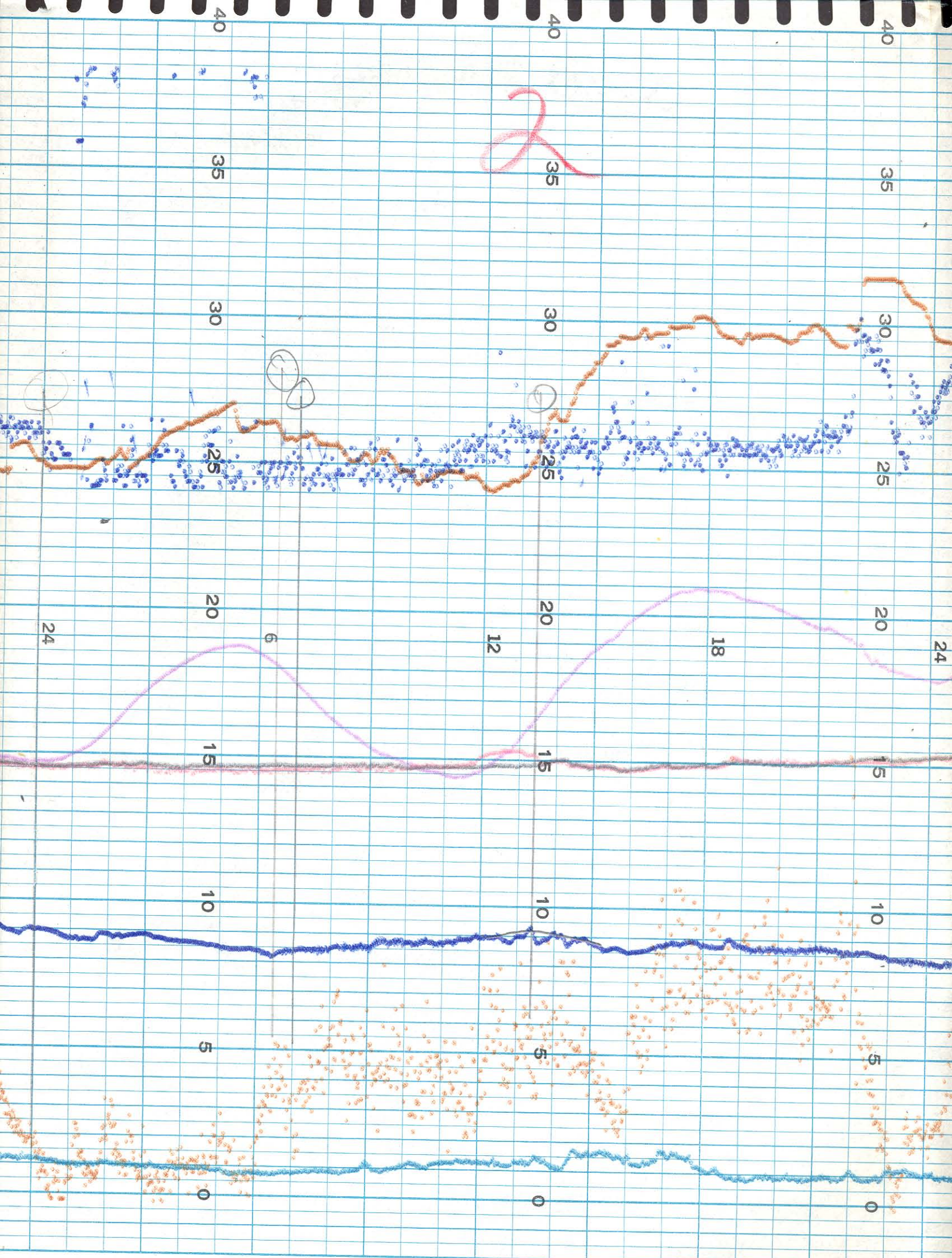
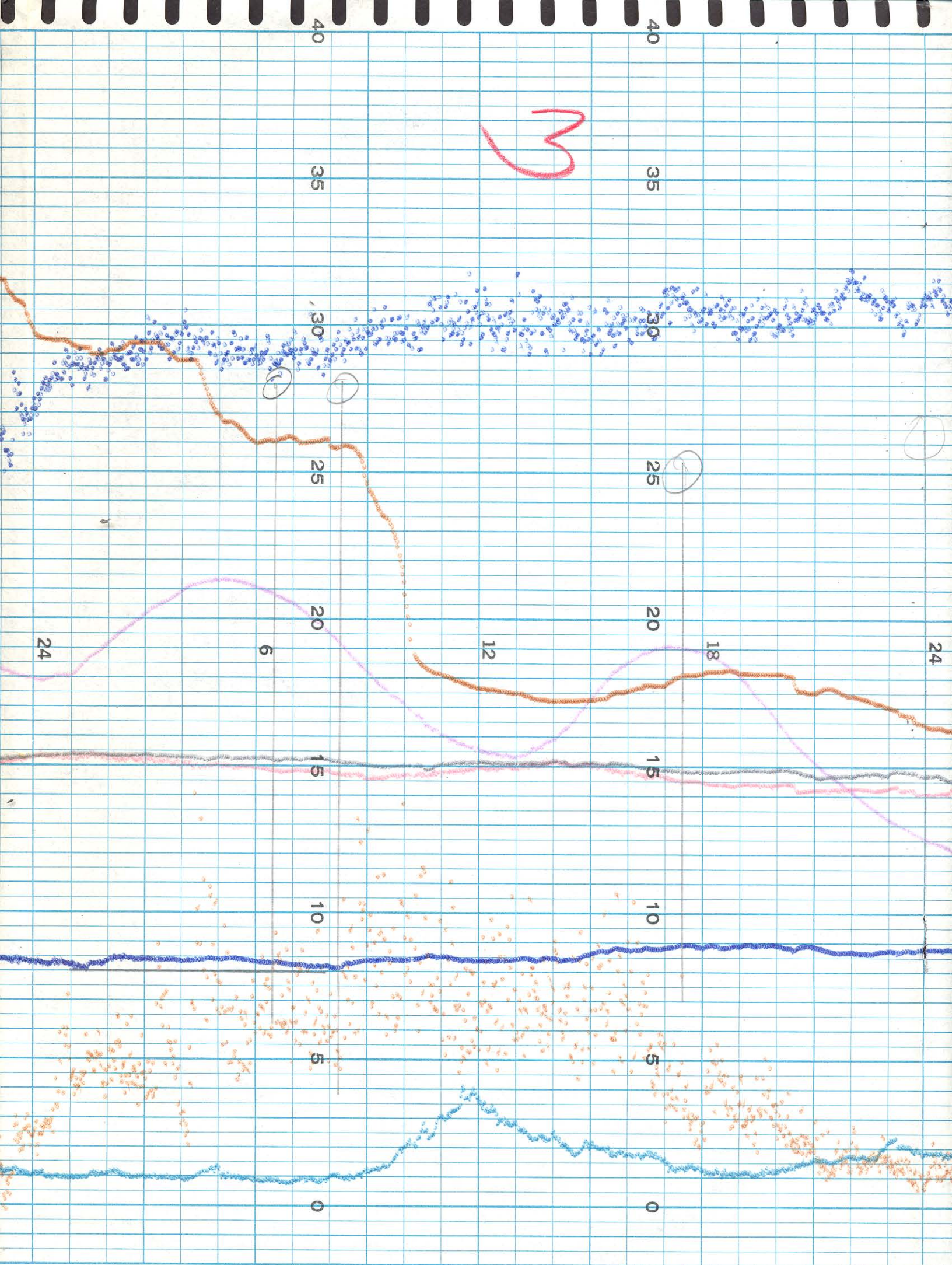
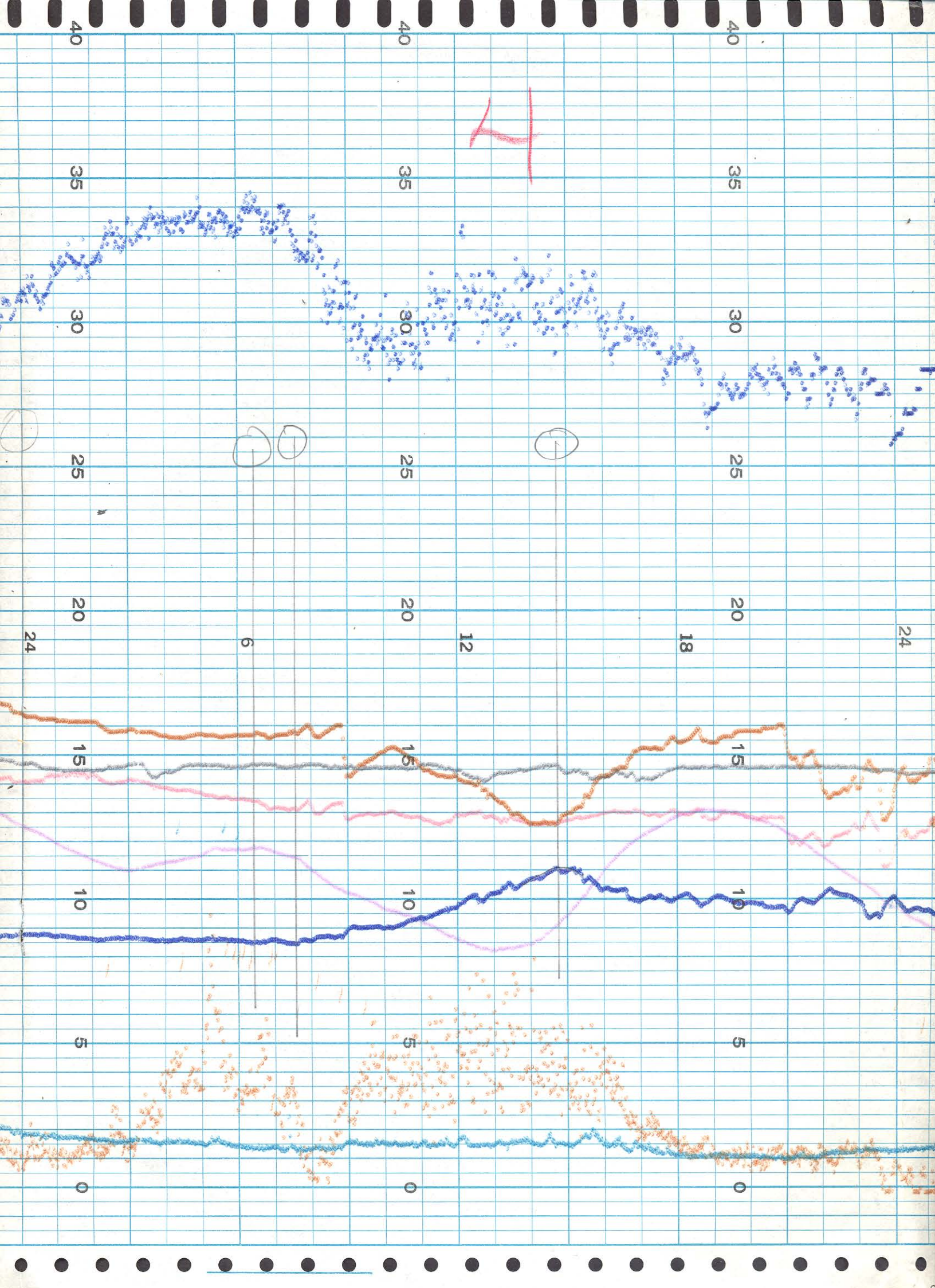


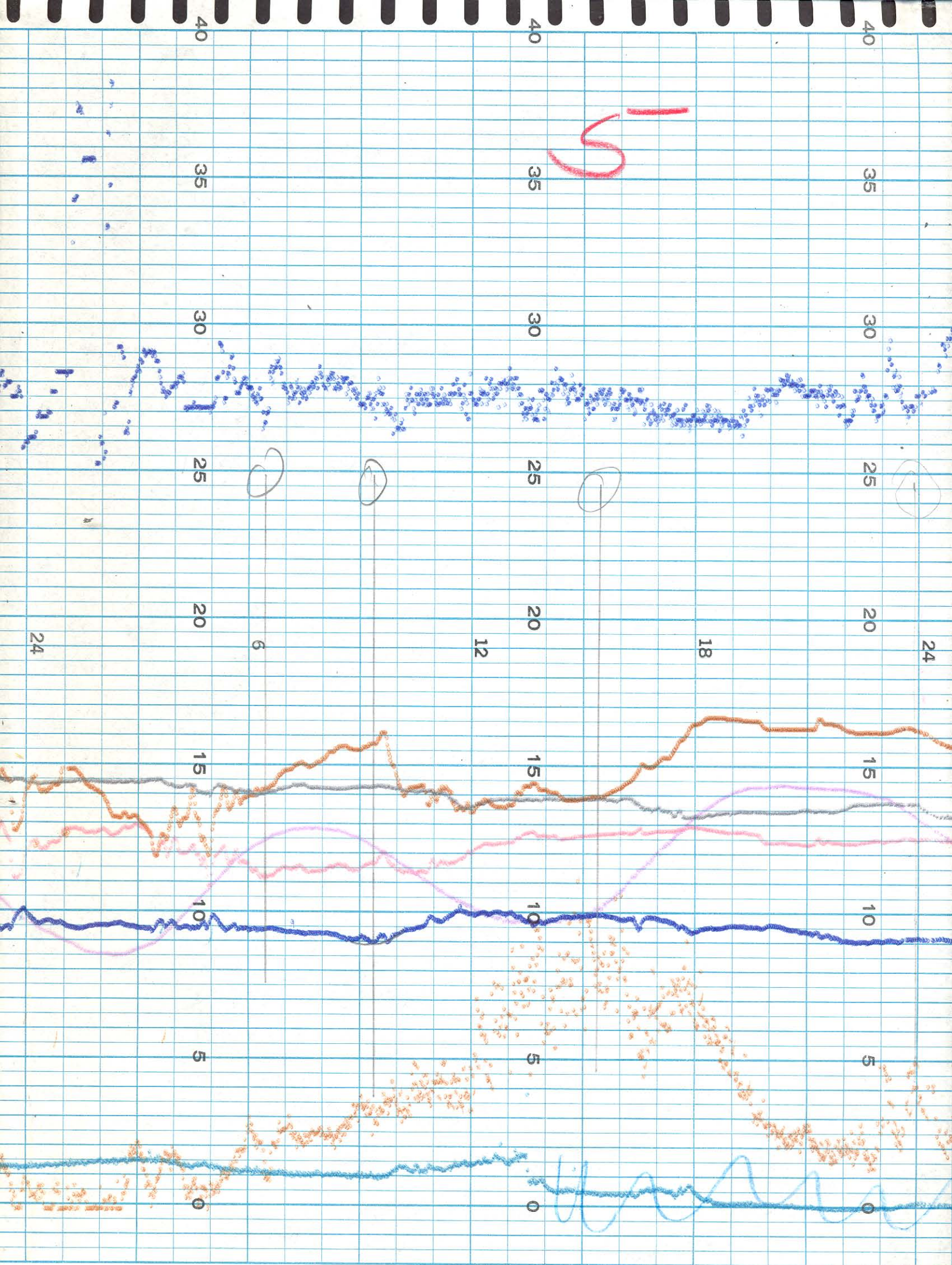
Nov. 1, 1966

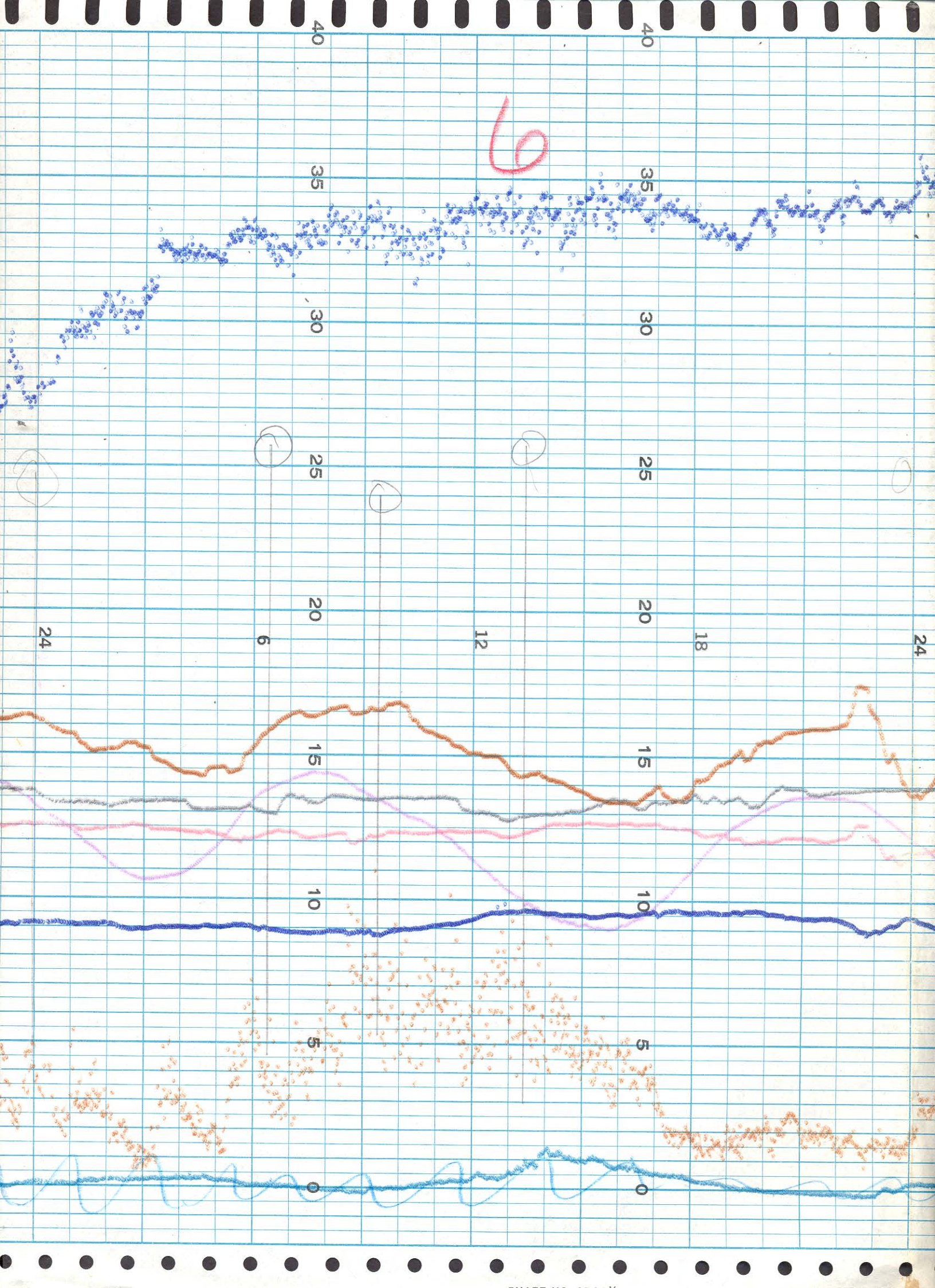


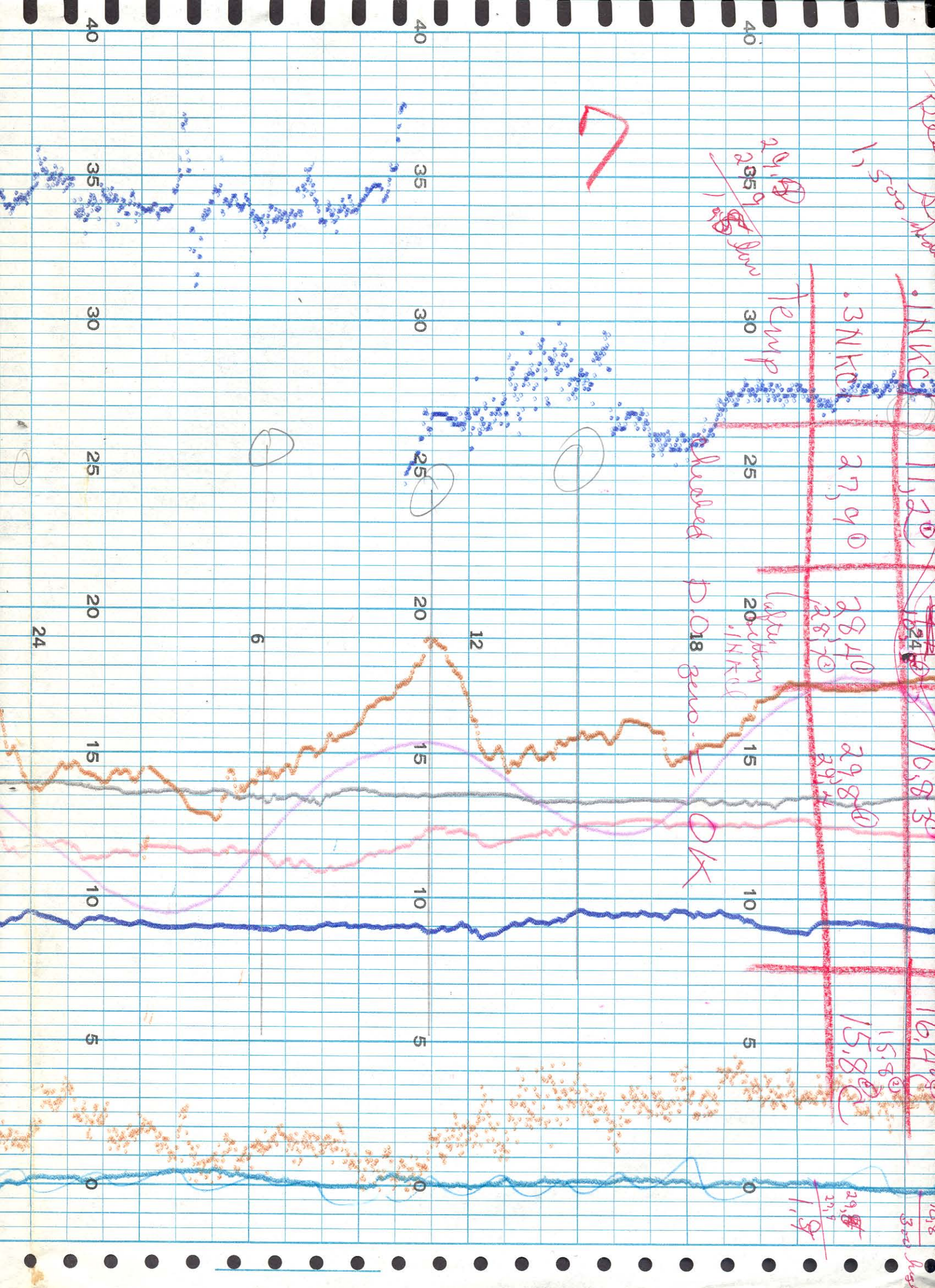












Nov. 66

8

12.5
x.3

35

30

25

20

15

10

5

0

35

30

25

20

15

10

5

0

12.5
5m

OK

39
Peak

25

20

15

10

5

0

Turbidity No. good
D.D. 7.6 pm

Turbidity glass was not checked again

8 Nov. 66

Sun Temp OK @ 1300

Chart dial

Should Read

Temp

Peak + 3.00
Peak 5.00

11.11

11.20

10.70

10.70

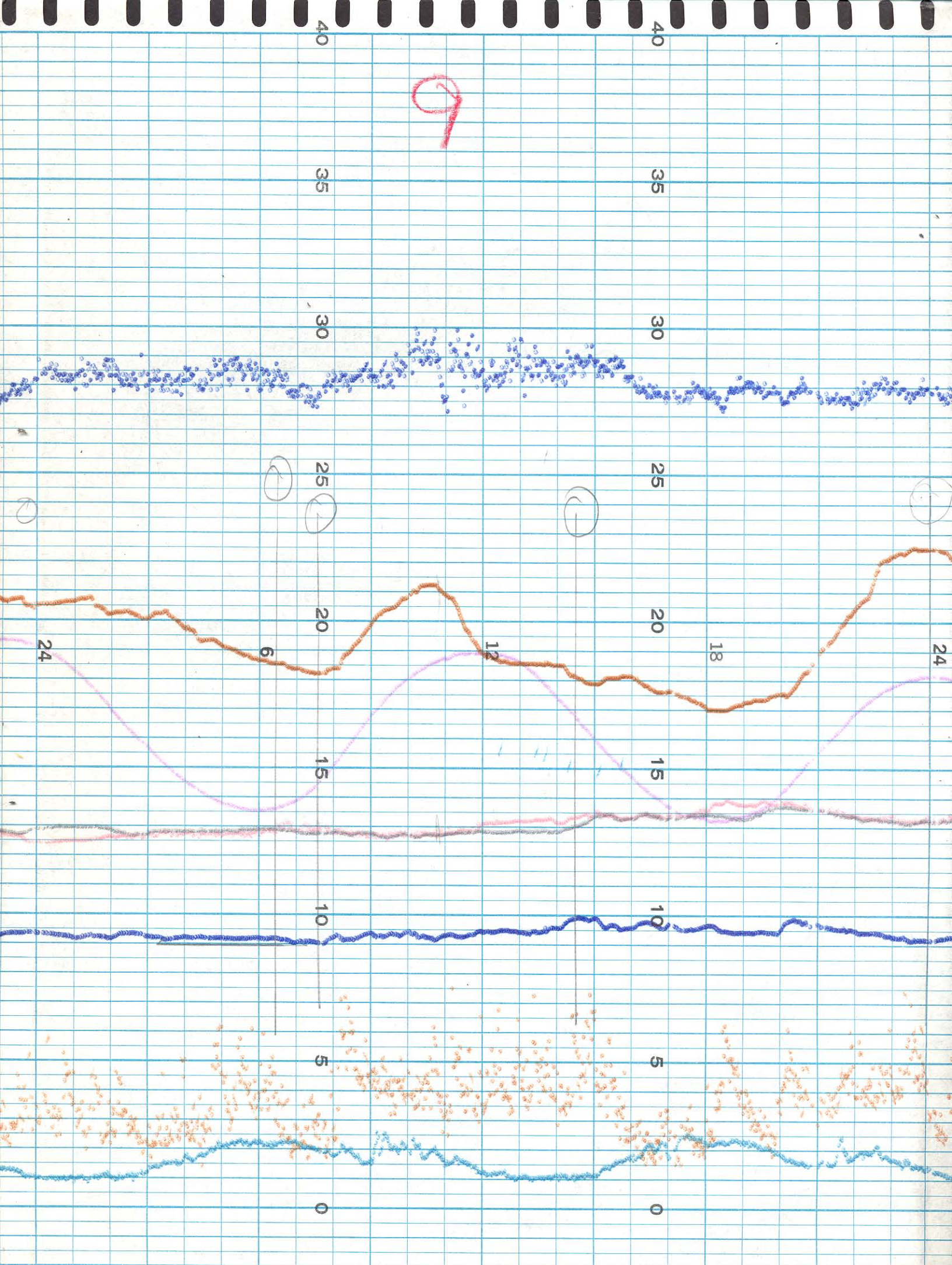
10.83

16.40

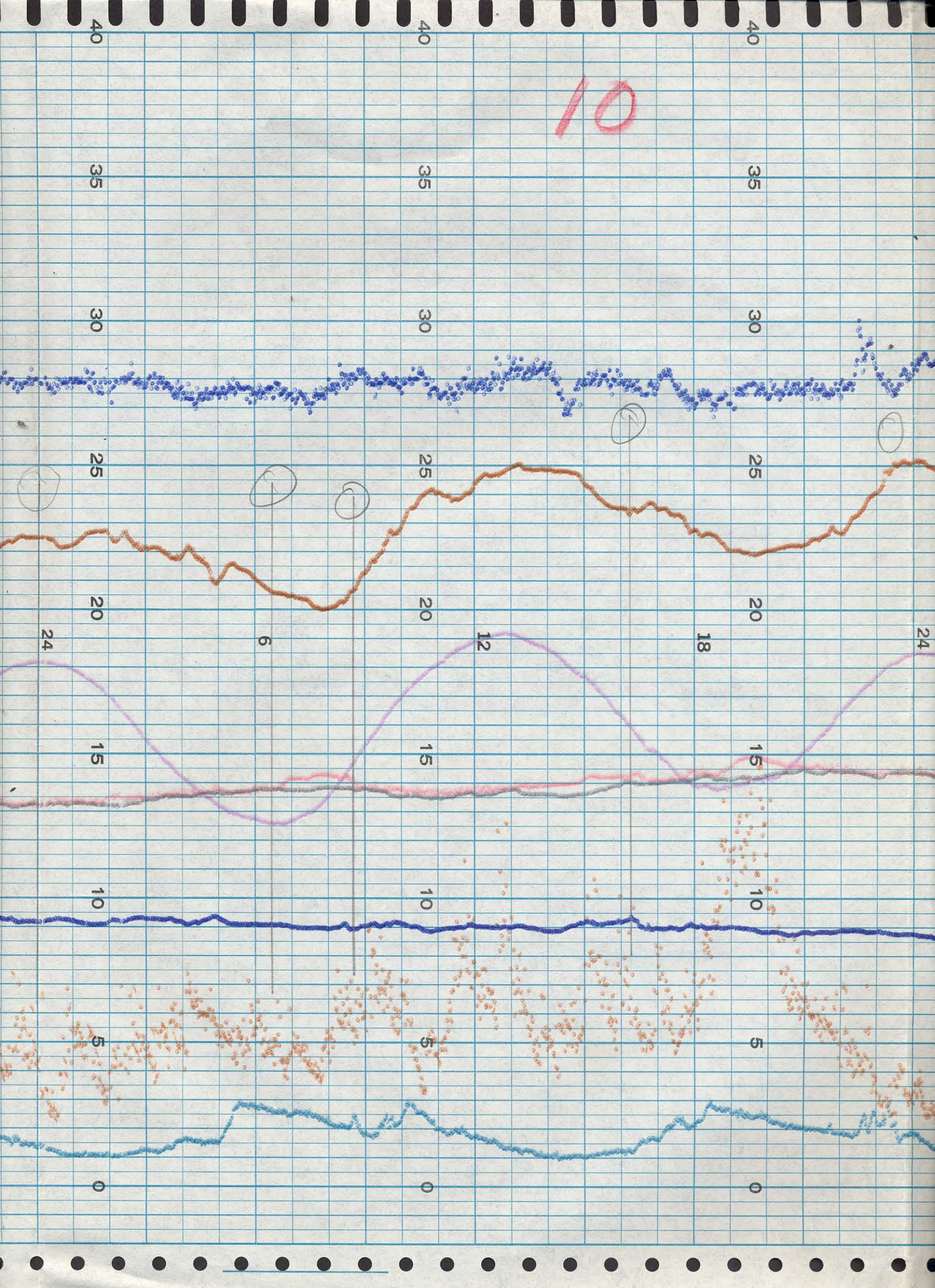
16.80

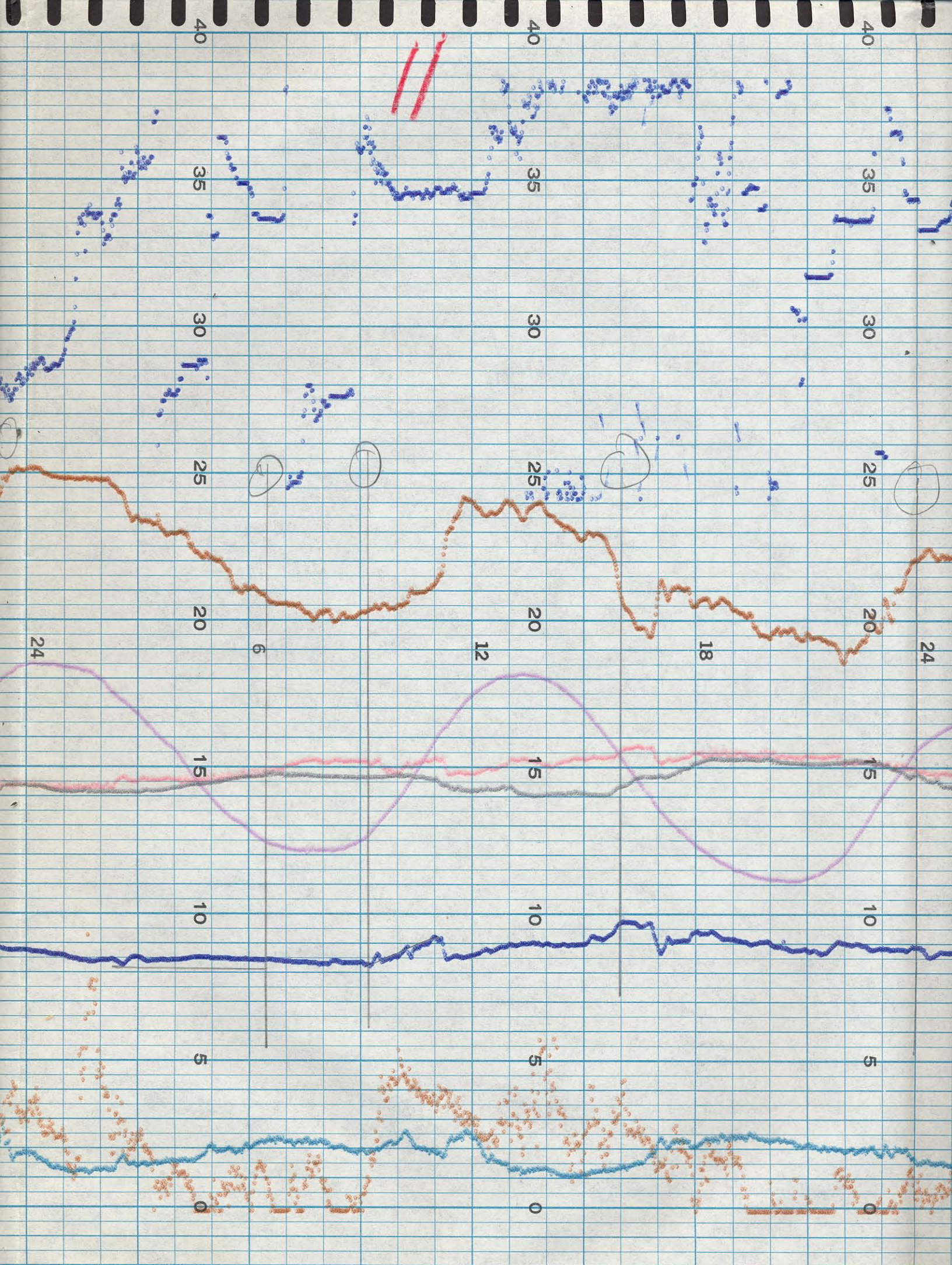
15.80

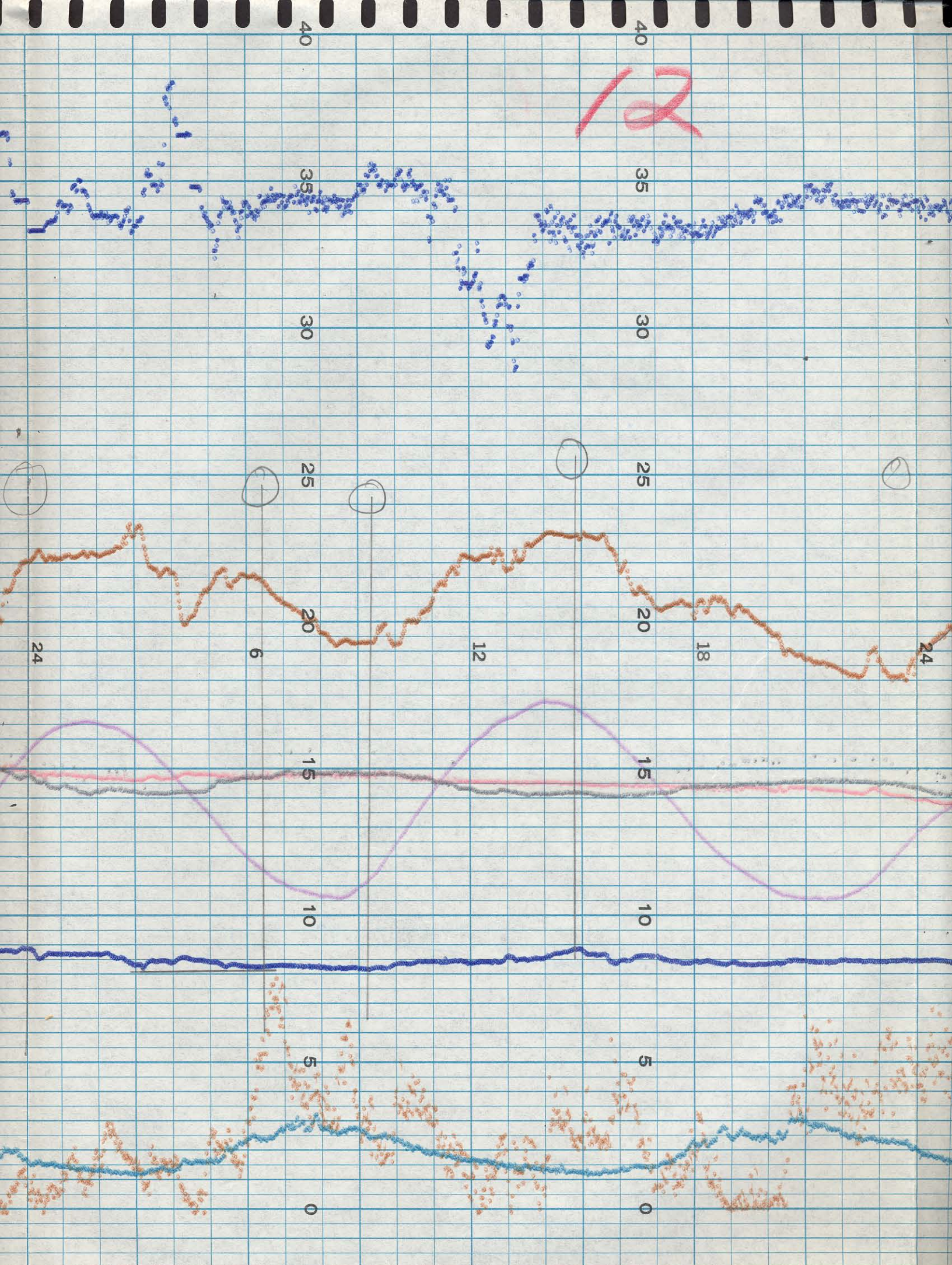
11.1
10.8
3.00

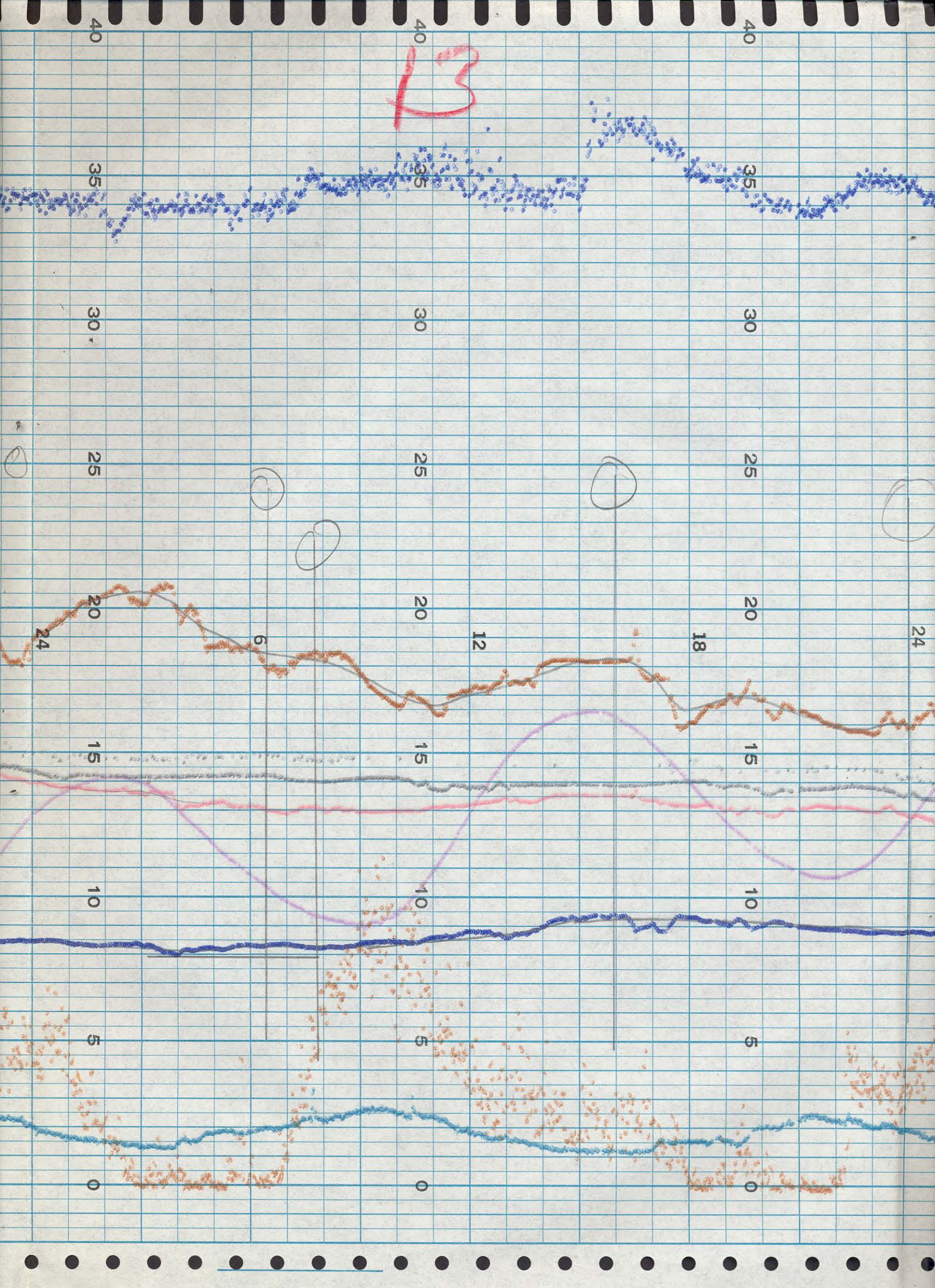


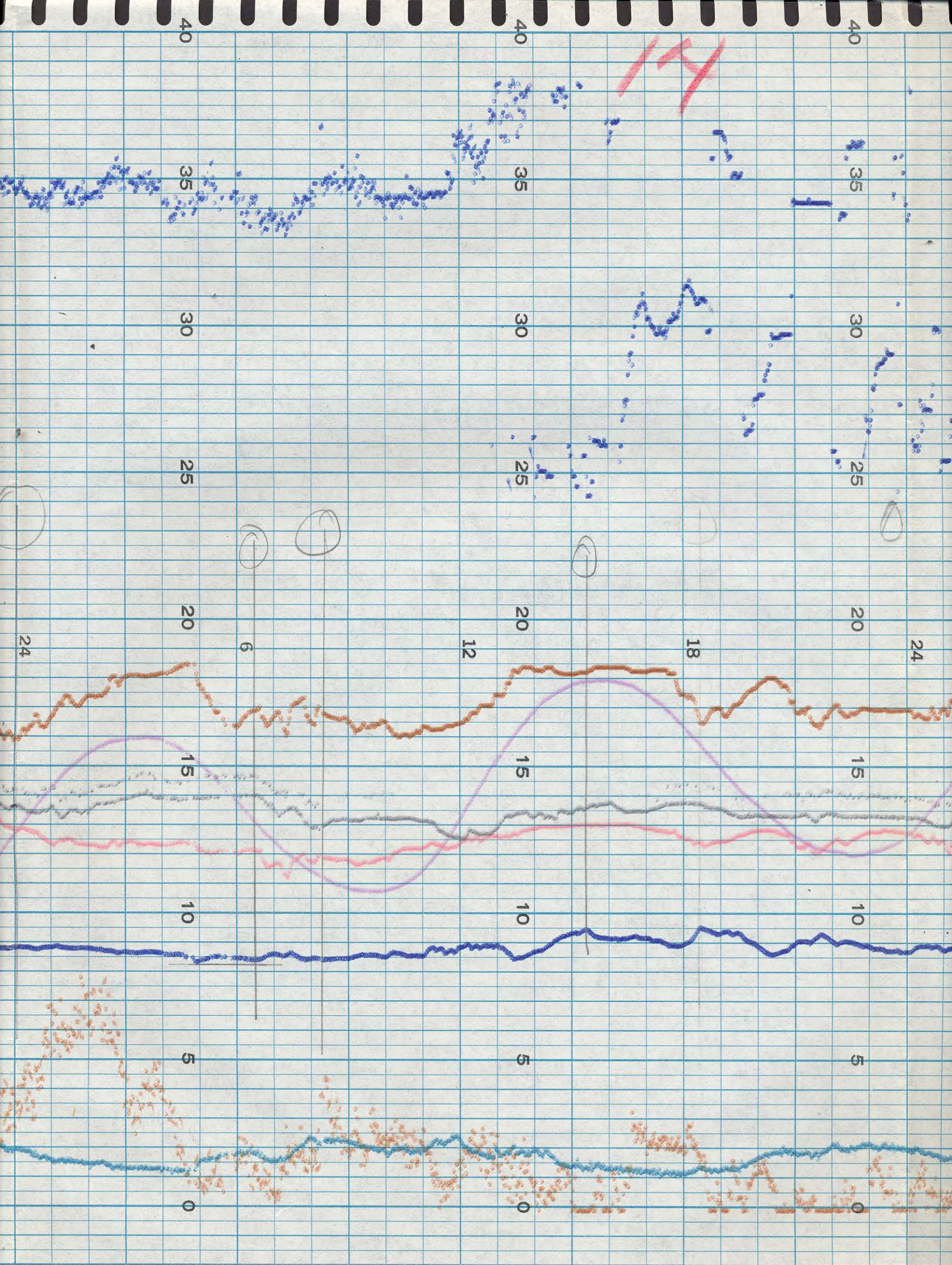
10







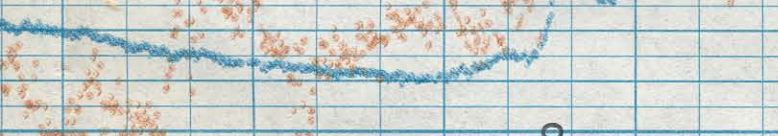
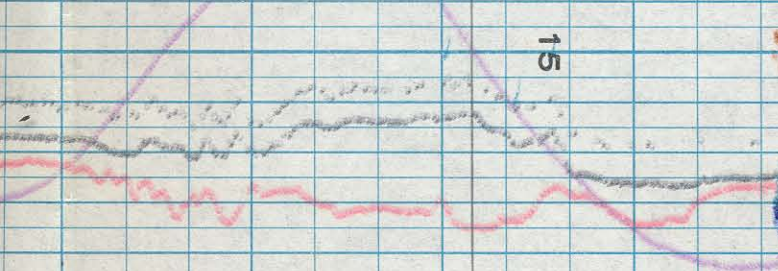




~~NOTE~~

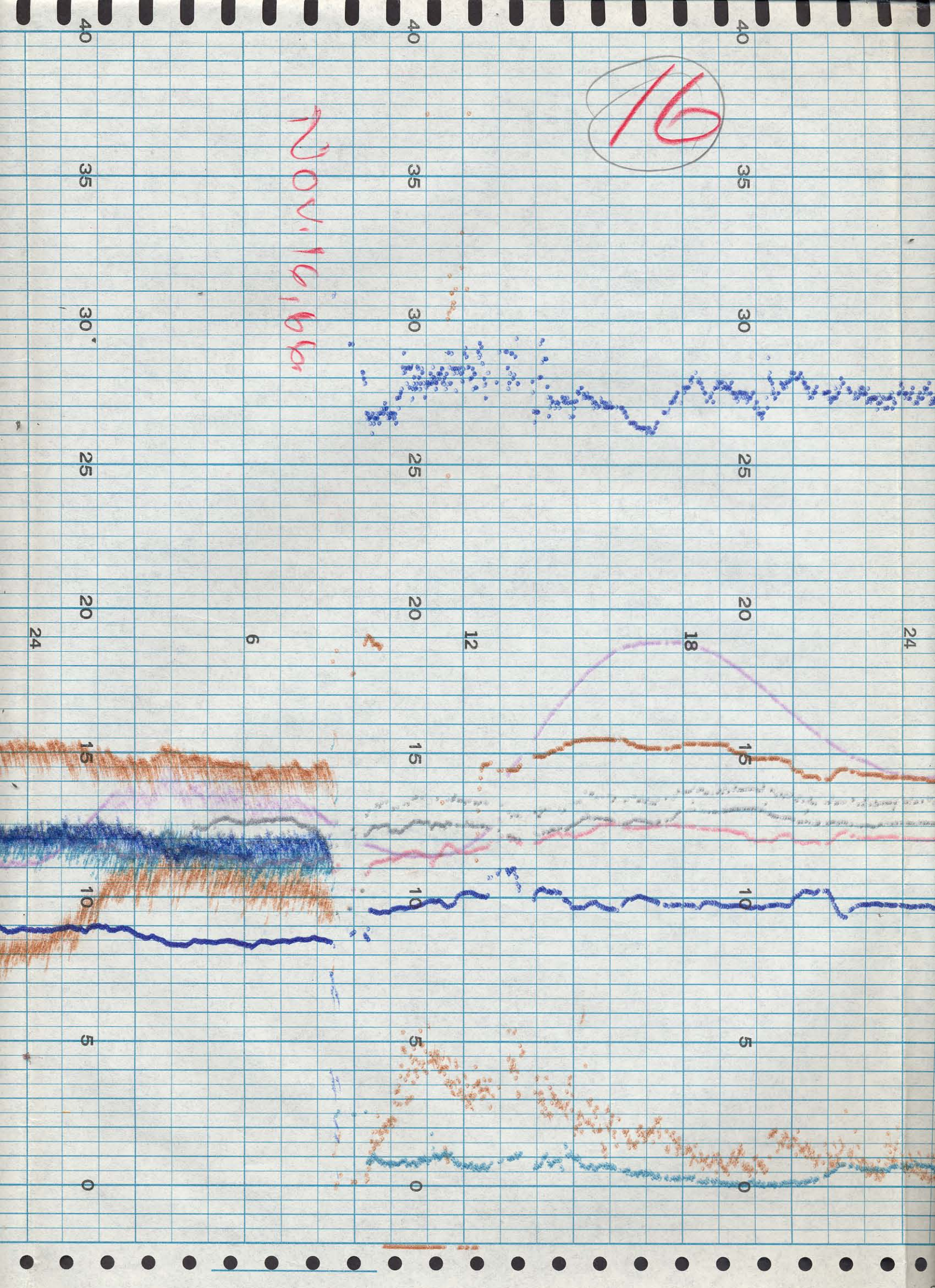
Trip arm + pulley band
disassembly noted.

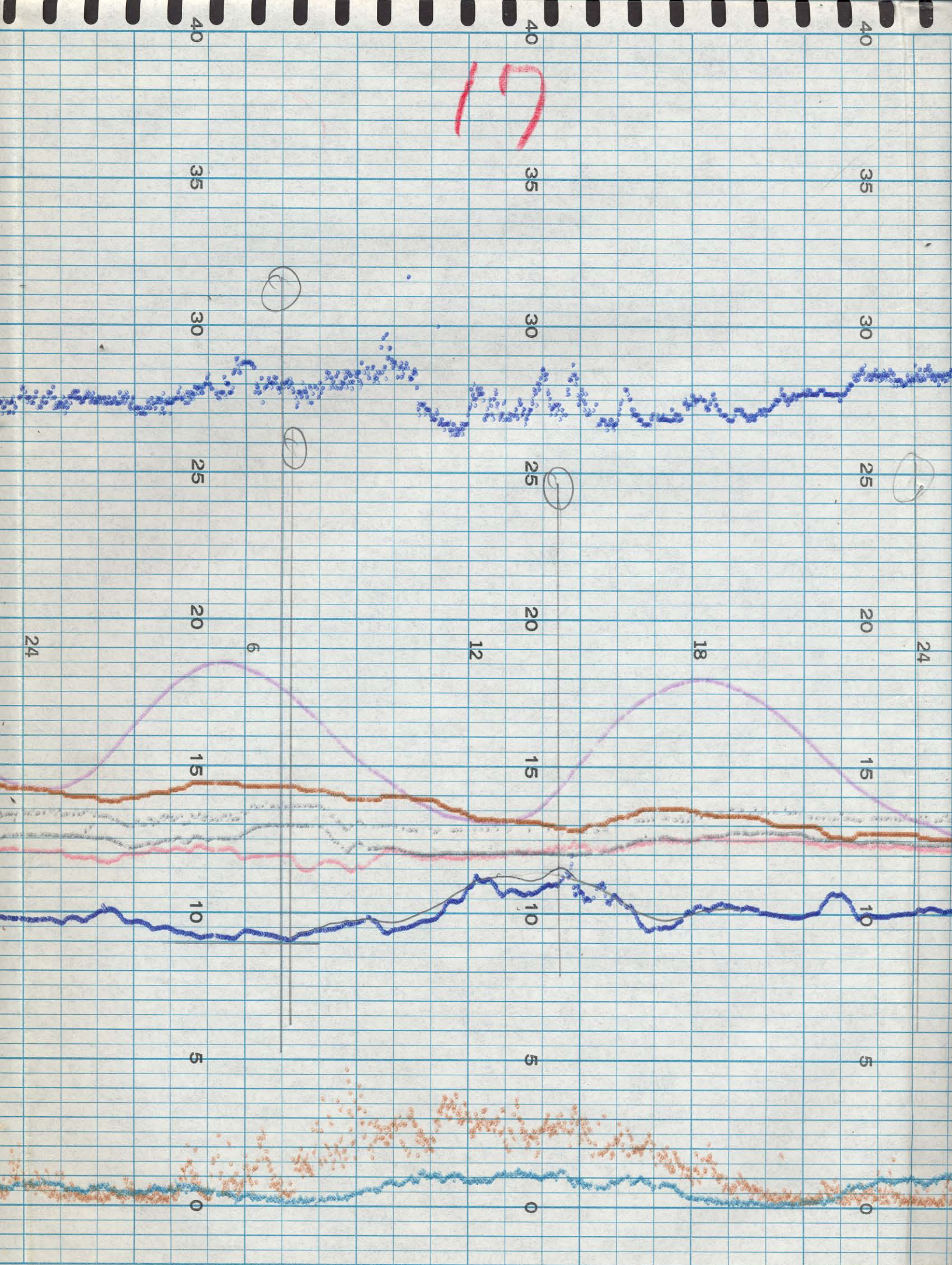
15

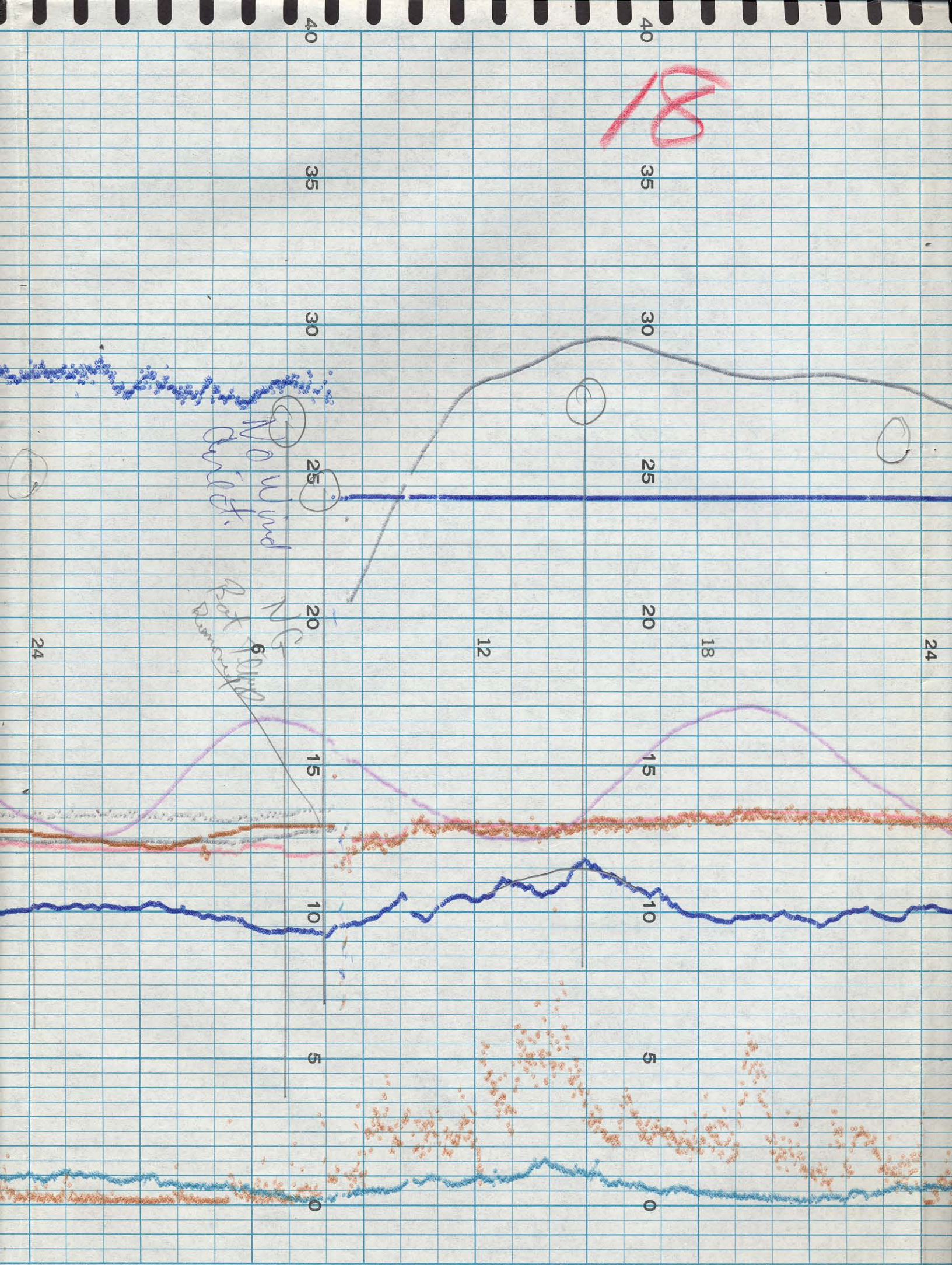


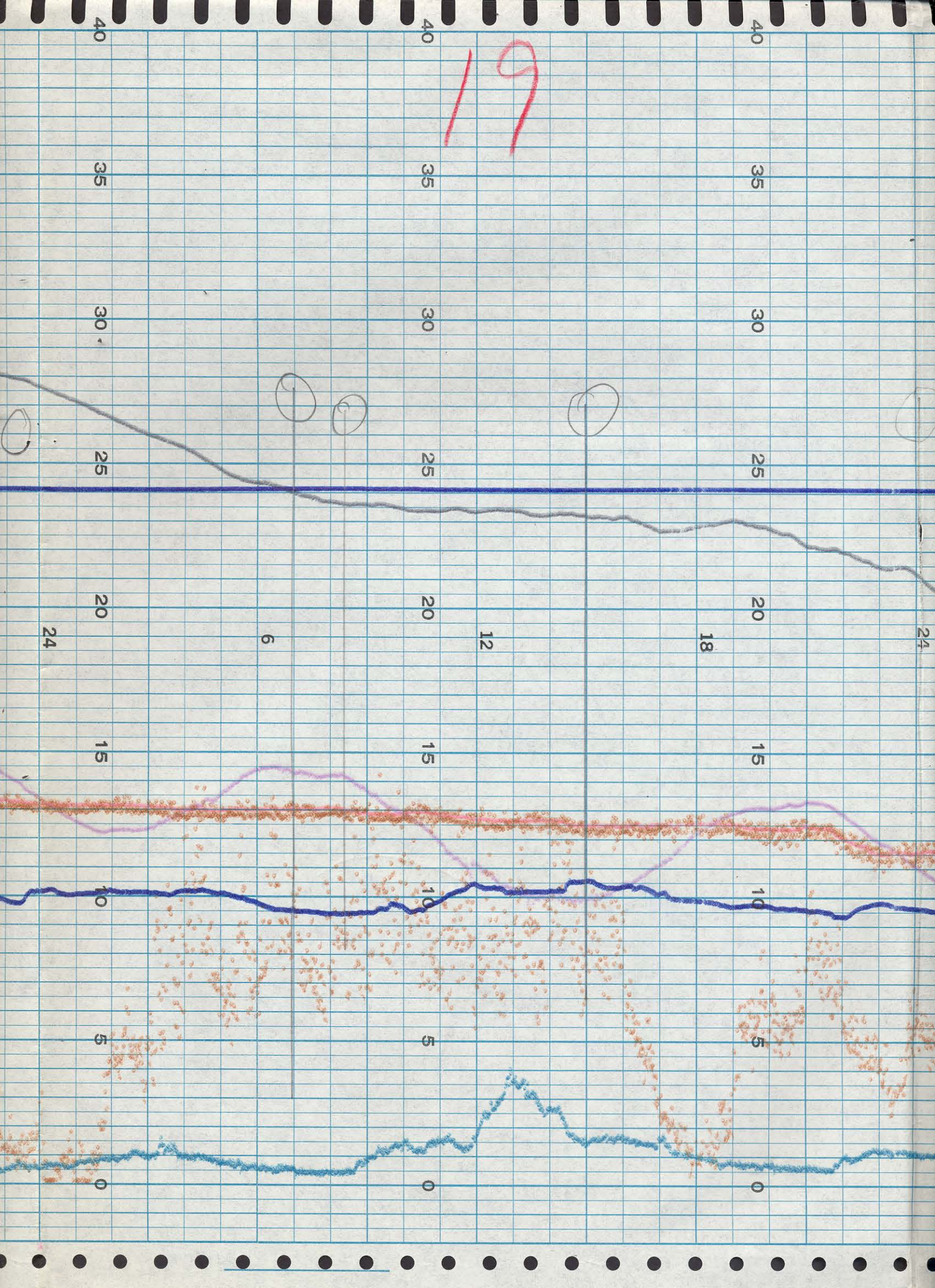
16

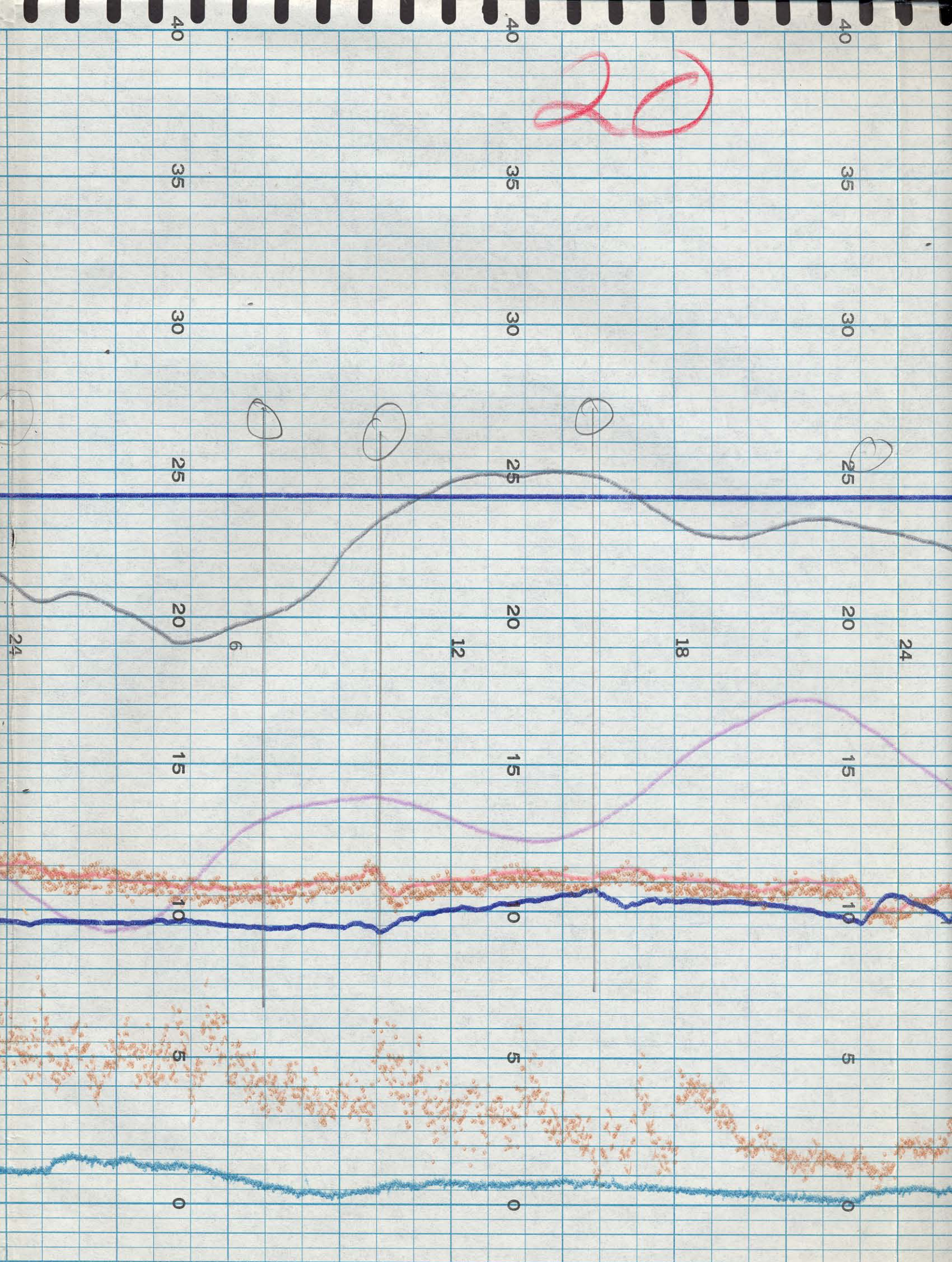
Nov 14, 64

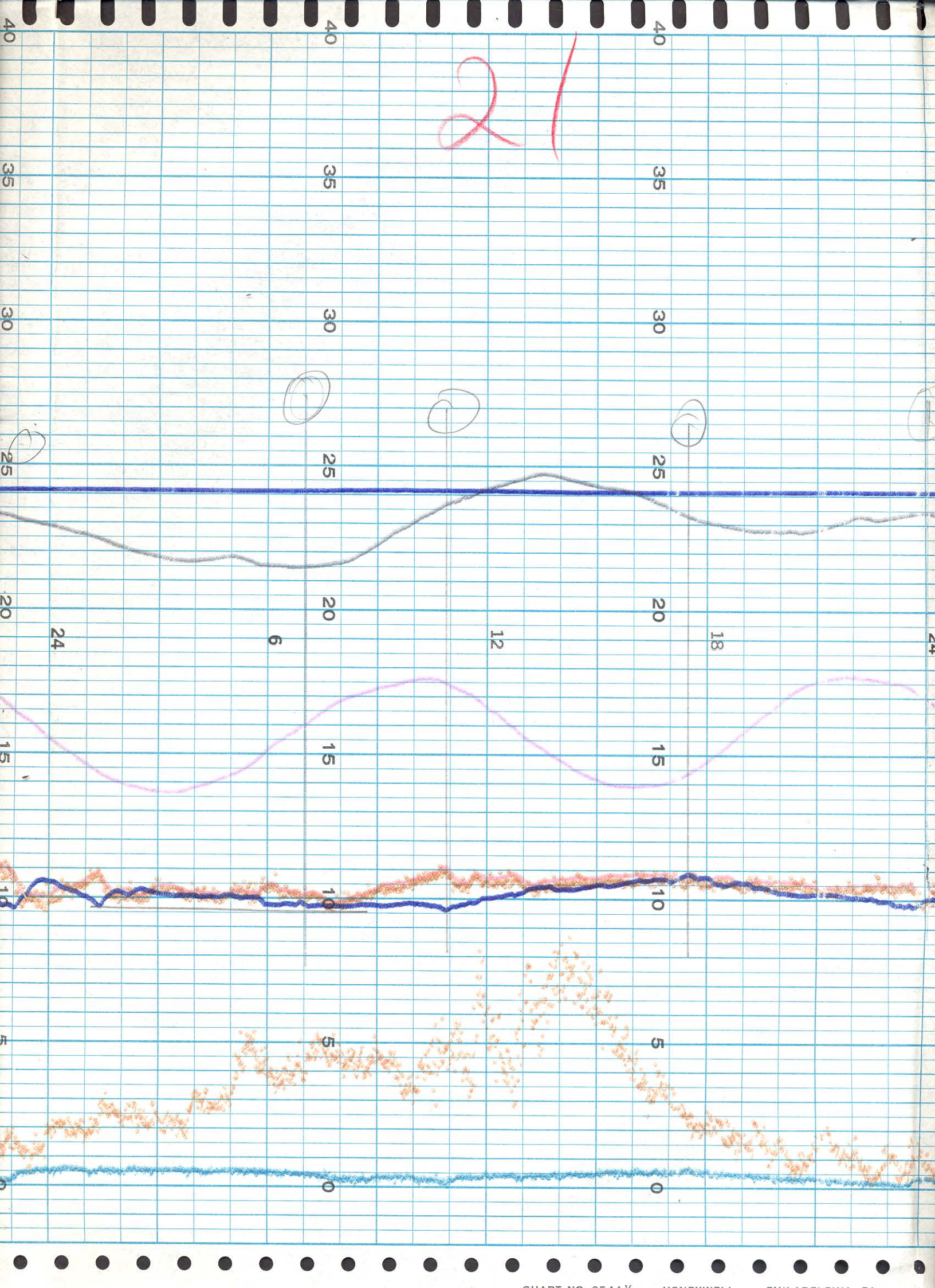




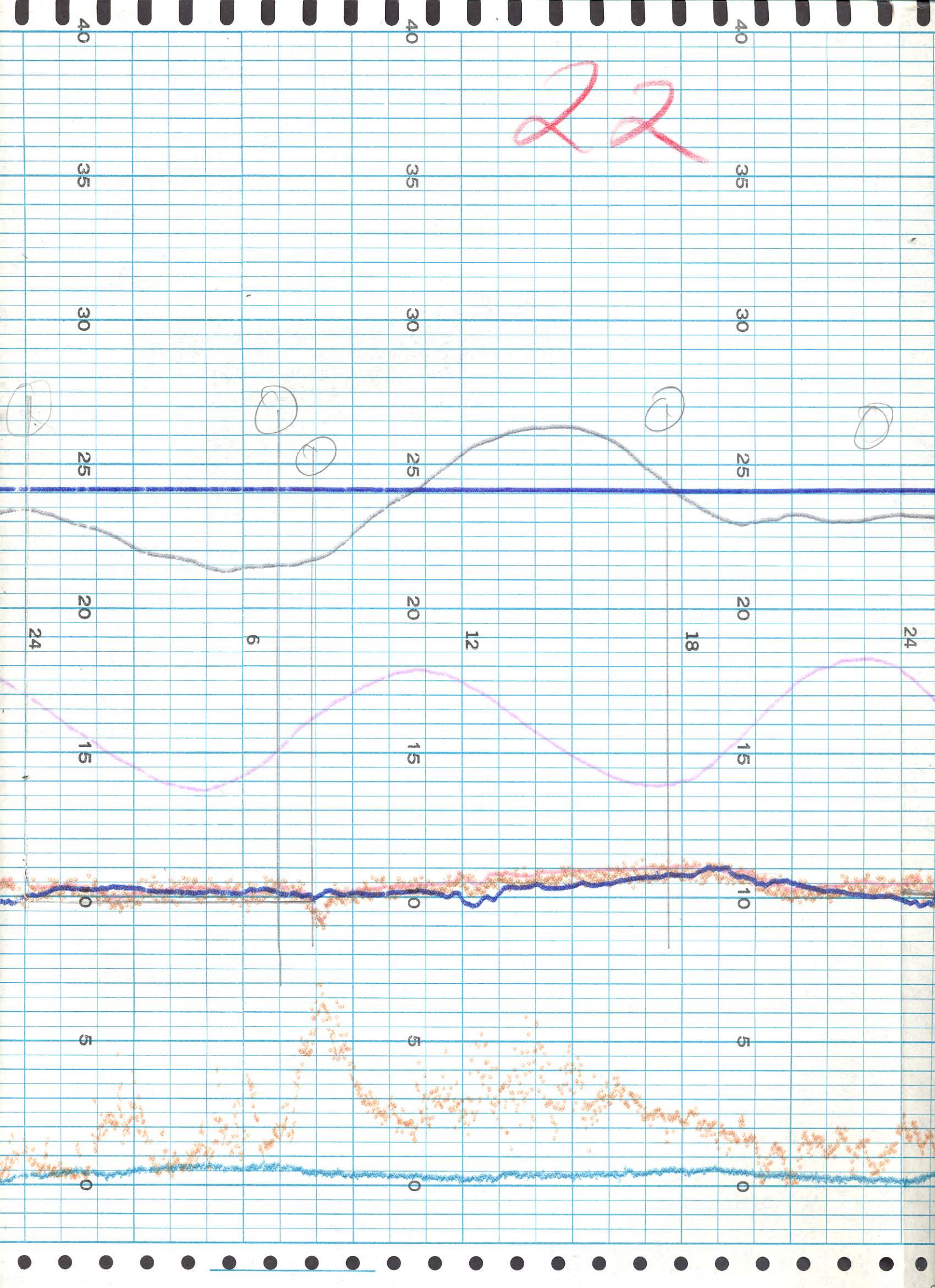


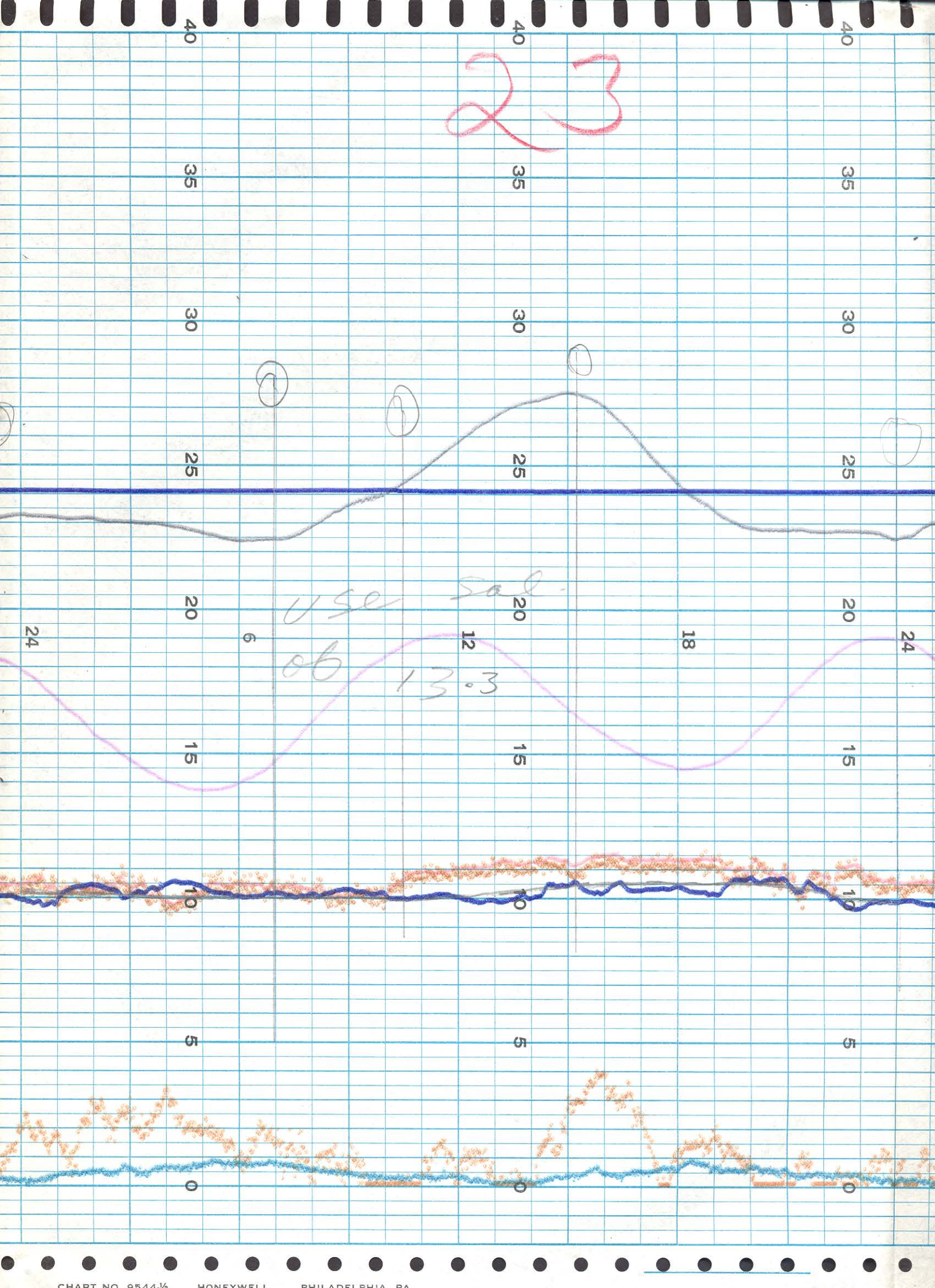


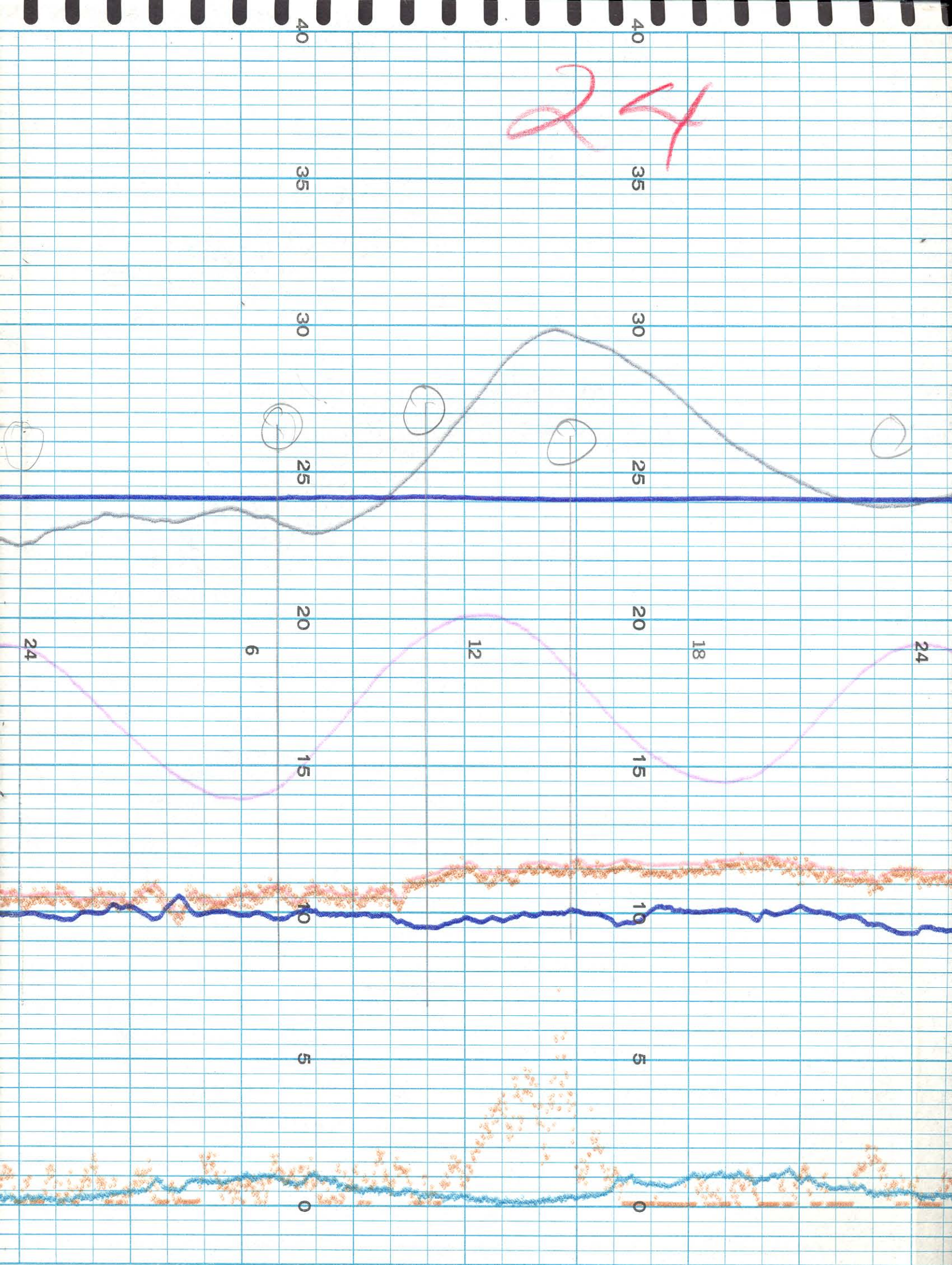


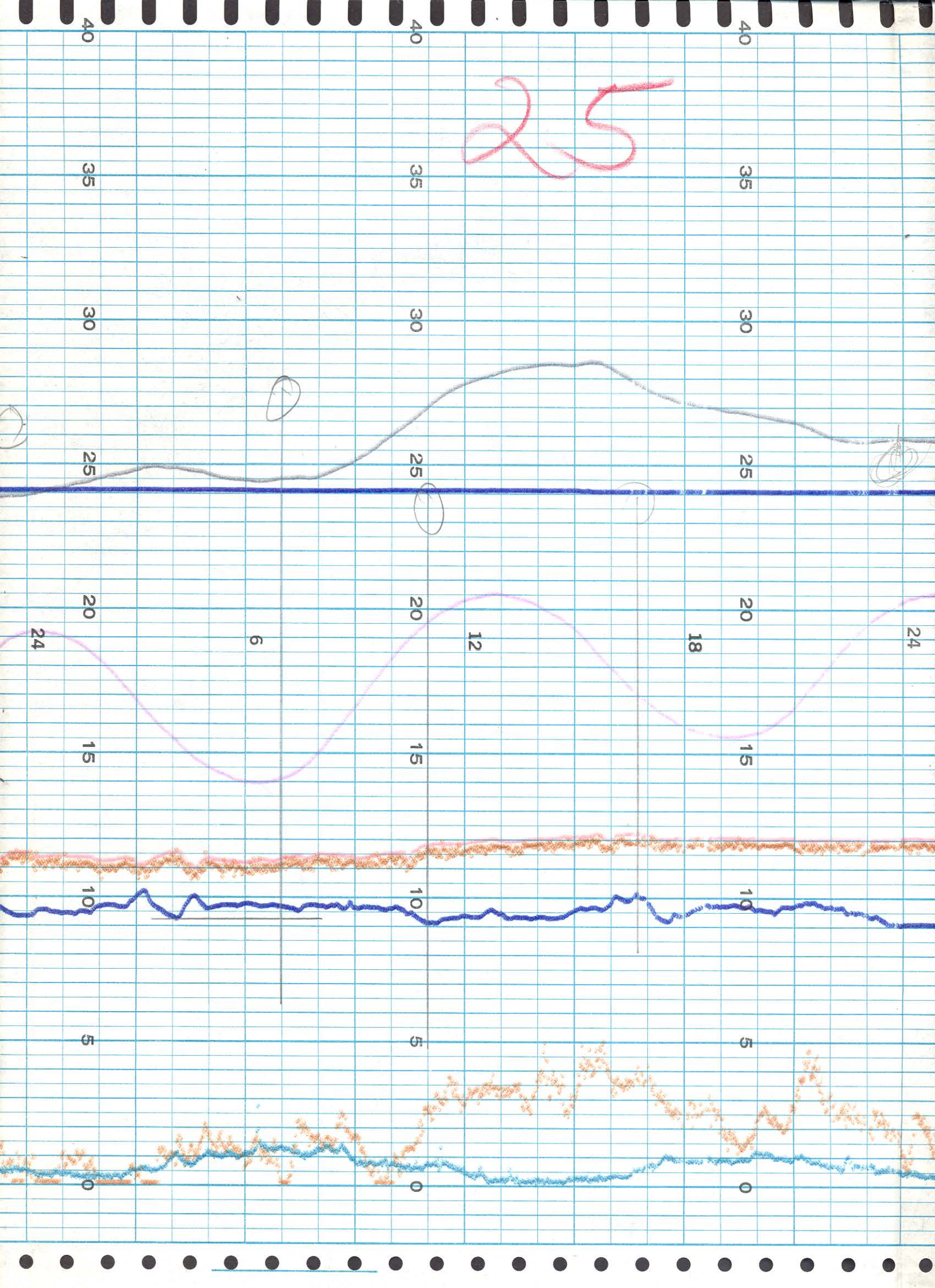


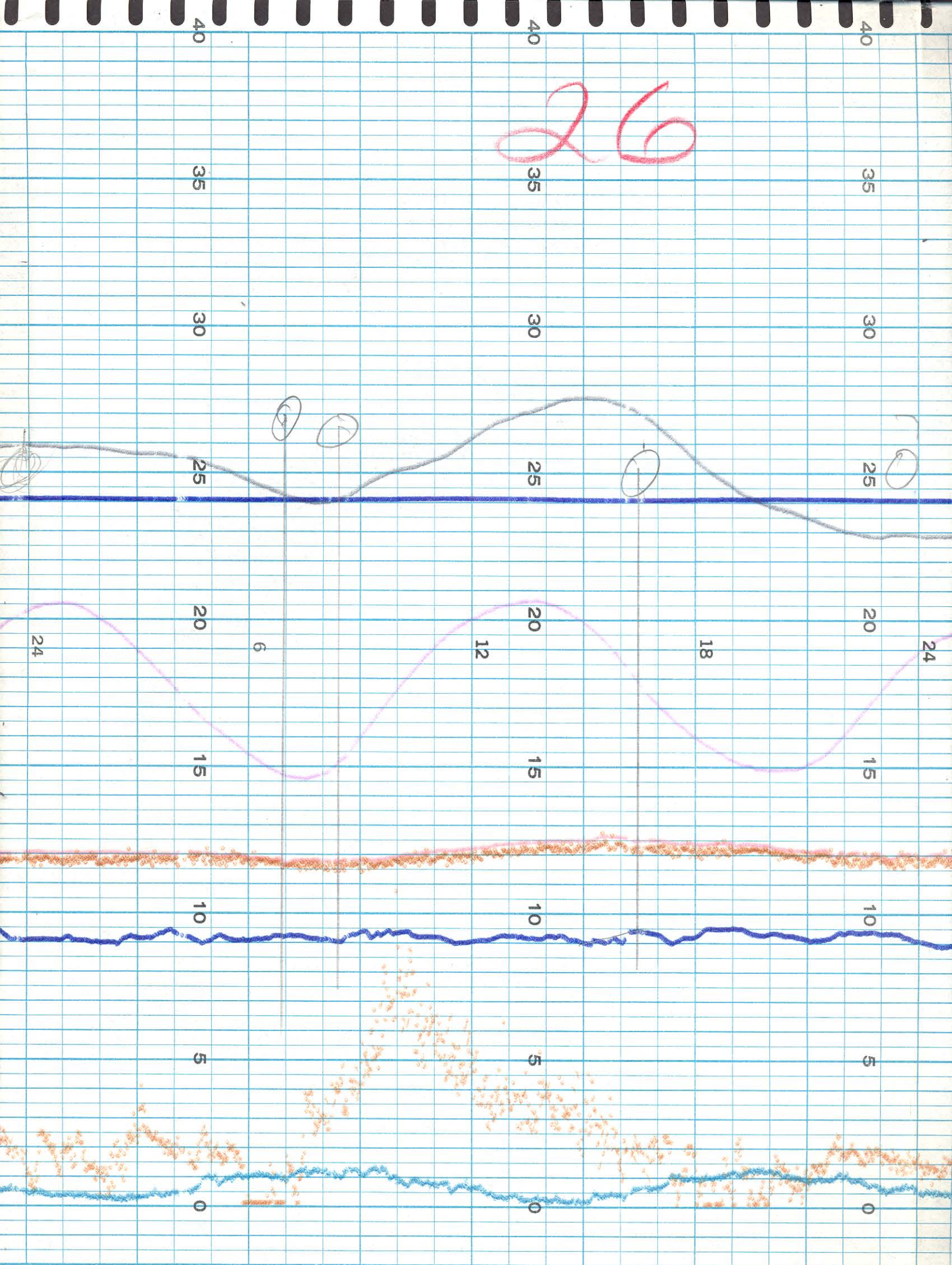
22



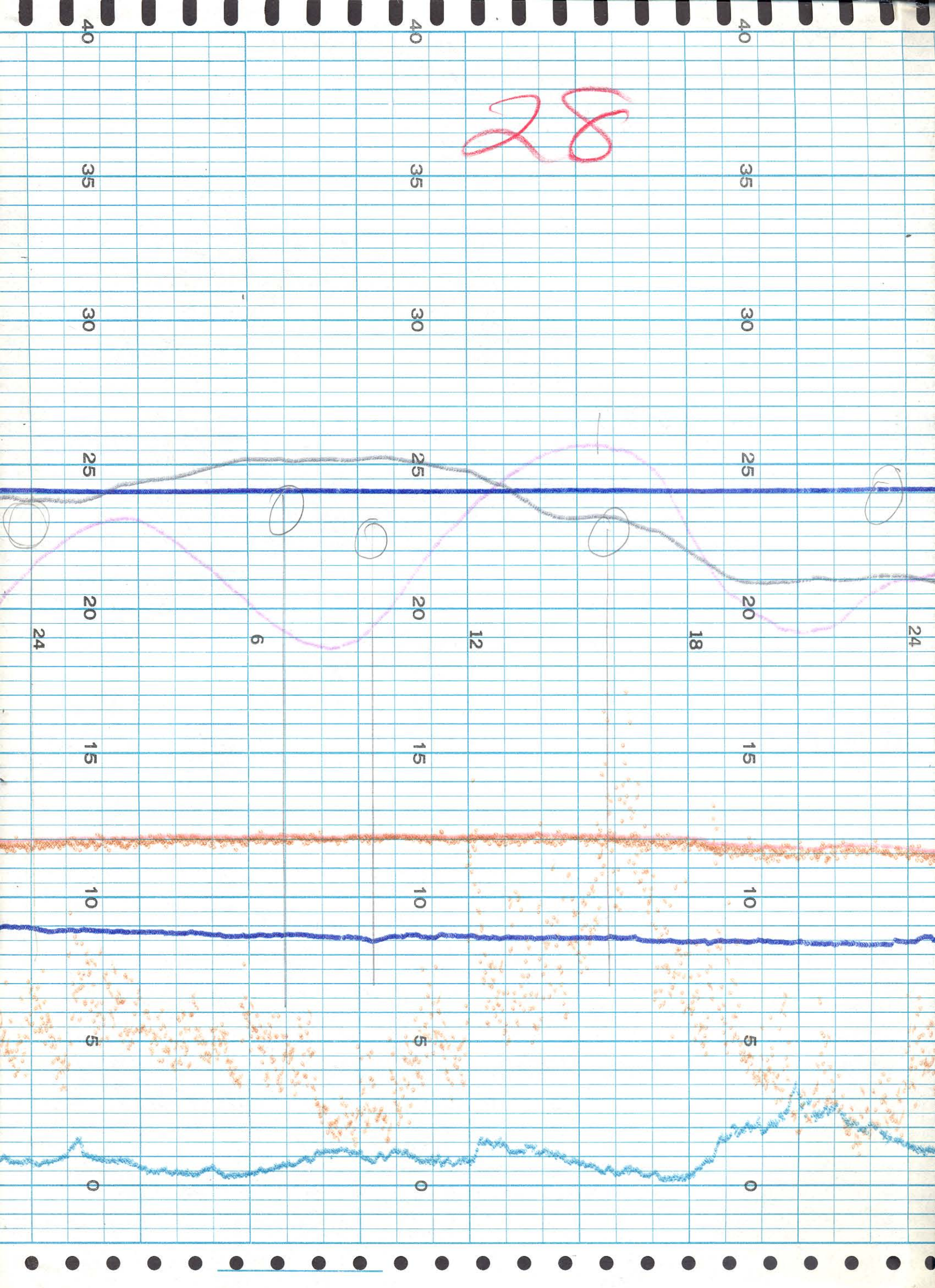


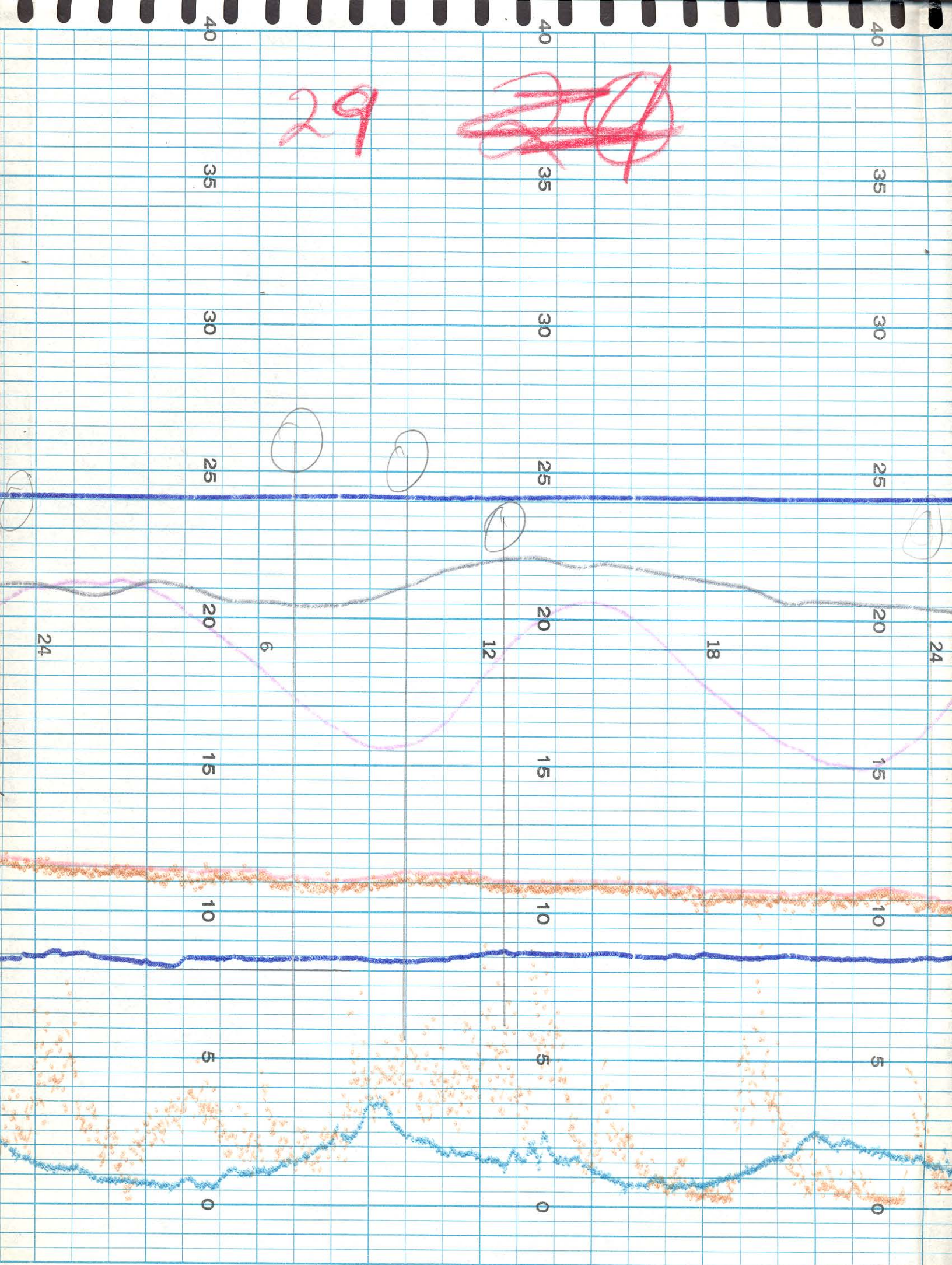






28





Nov. 30

Nov. 30, 1960

~~MGV~~ Not tick

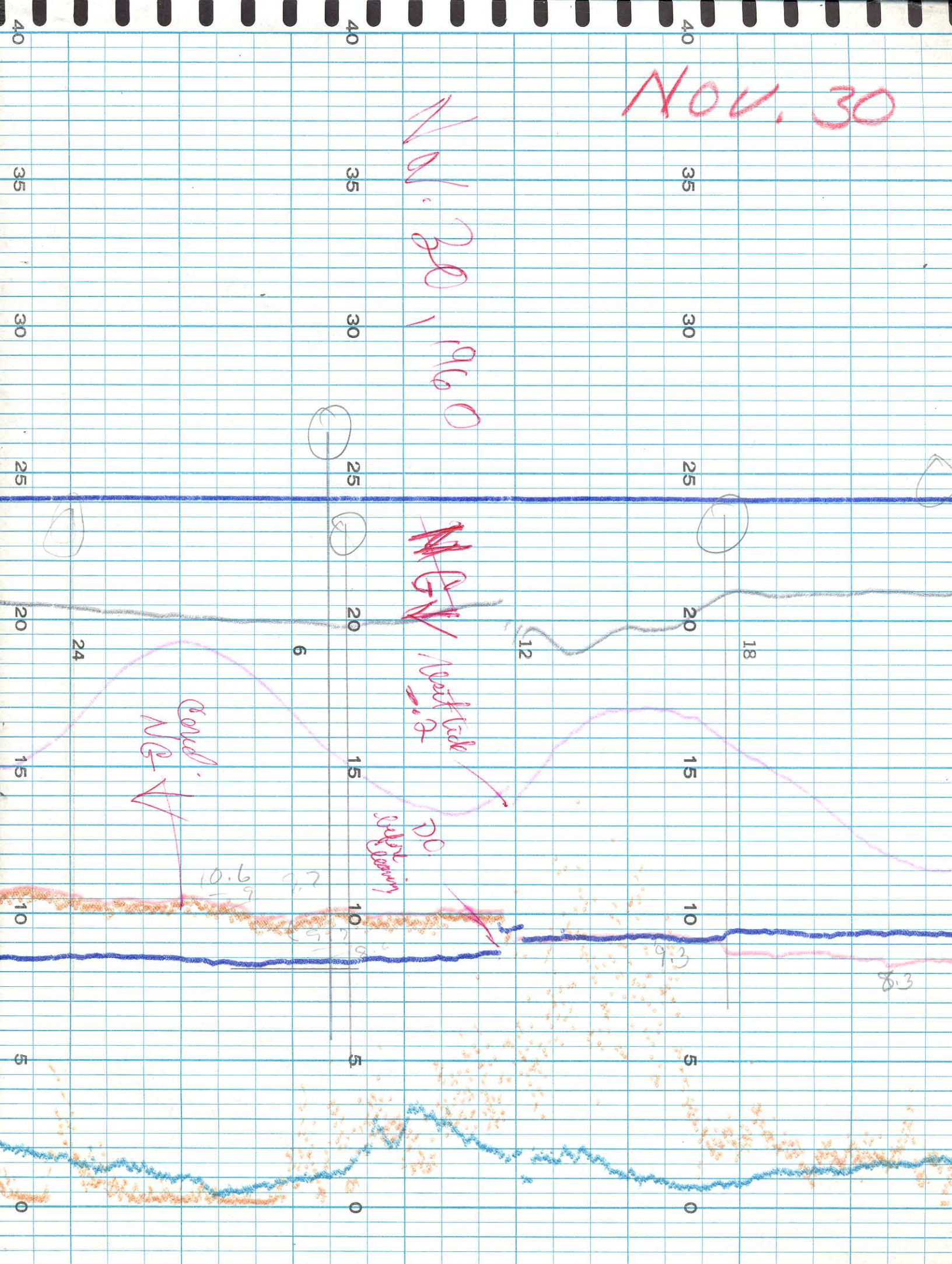
DD
Not growing

cond.
MG ↓

10.6
- 9

9.3

8.3



Month	Nov.		Dec.							
Day	9	15	1						1	
Time Local	1550	1520	1055							
<i>Surf</i> Air Temp. C° Honeywell	14.0	12.9	7.6							
<i>Surf</i> Air Temp. C°	14.0	12.9	7.7							
<i>Bot</i> Water Temp. C° Honeywell	14.0	12.9	9.8							
Water Temp. C°	14.0	-	-							
Conductivity Micromhos Honeywell	16.5 <i>Rest 17.4</i>	17.7	15.9 16.2						<i>Rest 15.6</i>	
Conductivity Micromhos Serfass	18.9 <i>2.5</i>	17.7	15.7 13.5						14.0	
Water Samp. Bottle No.										
Dissolved O ₂ Honeywell	7.9 8	8.2	9.1 9.4							
Dissolved O ₂ Winkler	7.95	8.0 8.1	9.45 9.6 <i>33.0</i>							
Turbidity JCU Honeywell	15	17	17							
Turbidity Hellige	-	-	-							
Tide Honeywell	+1.3 <i>Rest +.3</i>	-1	0						<i>Rest -4</i>	
Tide Staff	+1.0	-1	+1.2							
Wind Vel. MPH Honeywell	12	10								
Wind Vel. Air Speed Ind. MPH	12	10	6							
Wind Direc. Honeywell	NNW	S	NW							
Wind Direc. Air Speed Ind.	NNW	S	NW							

battery in DO probe
 Serfass Cond bridge
 Need to replace
 Need to check

+8.0
 +2.4
 low 2.9
 in next 0.1
 time a mile north

Month	Nov	Nov.	Dec.
Day	16	30	5
Time Local	1035	1145	1300 0915
Surf Air Temp. C° Honeywell	11.2	9.2	5.2
Surf Air Temp. C°	11.3	10.1	5.2
Bot Water Temp. C° Honeywell	12.4	—	—
Bot Water Temp. C°	—	—	—
Conductivity Micromhos Honeywell	—	—	—
Conductivity Micromhos Serfass <i>Honeywell in KCl</i>	—	—	—
Water Samp. Bottle No.		94 566	
Dissolved O ₂ Honeywell	9.5	10.8 8.6 9.4 after cleaning	10.2
Dissolved O ₂ Winkler	9.1	10.3 10.4 9.0 9.0	10.2
Turbidity JCU Honeywell	8	17	17
Turbidity Hellige	7		
Tide Honeywell	-5	+3	
Tide Staff	0.0	+1	-1
Wind Vel. MPH Honeywell	5	9	
Wind Vel. Air Speed Ind. MPH	5	9	
Wind Direc. Honeywell	SSE	—	SSE
Wind Direc. Air Speed Ind	SSE	—	SSE

Hard to clean

1-10.6

*measured
cell + anolyte*

before cleaning

next 4.2

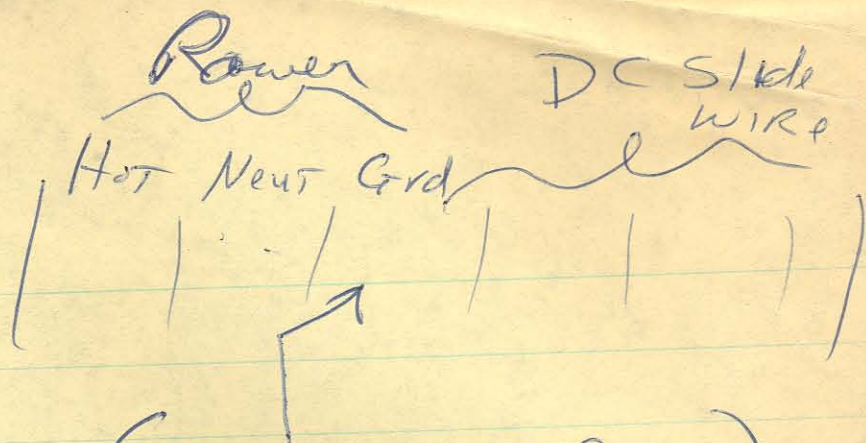
^{surf} Air Temp. C°	11.3	10.1	surf temp 5.2	
^{Bot} Water Temp. C° Honeywell	12.4	—	—	
^{Bot} Water Temp. C°	—	—	—	
Conductivity Micromhos Honeywell	—	—		
Conductivity Micromhos Seafass	—	—		
Water Samp. Bottle No.		94 866	before cleaning	
Dissolved O ₂ Honeywell	9.5	10.8 8.6	9.4 after cleaning	10.2
Dissolved O ₂ Winkler	9.1	10.3 9.0 10.4 9.0		10.2
Turbidity JCU	8	17		17
Honeywell				
Turbidity Hellige	7			
Tide Honeywell	-5	+3	net 4.2	
Tide Staff	0.0	+1		-1
Wind Vel. MPH	5	9		
Honeywell				
Wind Vel. Air Speed Ind.	5	9		
MPH				
Wind Direc. Honeywell	SSE	—		SSE
Wind Direc. Air Speed Ind.	SSE	—		SSE

Remarks

Trip arm & pulley frozen. Had to clean
 & oil. D.O. w/ back tit = 11.2
 next tide +0.5
 Second Huck D.O. = 13.14 = 10.6
 D.O. Zero set ok
 O + Span ok on Tide
 D.O. 31.4 = 31.3

35.3

Grounds —



AC Grd (Pin 3 in Rear)
is connected to last terminal on
side terminal block with shield
wire from Motor.

After installing, check the grounds
and add a jumper from the side
terminal block "ground" to the "Shield"
terminal on the top of the measuring
circuit — if it does not give an "offset"
if it does give an "offset" leave the ground
off.

215-643-1300

Hank,

Ran Calibration this AM
Temp. at Bottom was
way off and also appears
to be sluggish when printing
D.O. was right on.

Cond. way off.

Have left two KCL
solutions

$\cdot 3 = -0354 @ 25^{\circ}\text{C}$

Sol=2.0 = $\cdot 0031 @ 25^{\circ}\text{C}$

Bob -

The conductivity seems somewhat "Dead" - but it did calibrate -

I beat my brains out trying to get it better - but I think the cell resistance must be wrong - I must have found the wrong data for the internal resistor thermistor combination - Must have been 100K instead of 200. I connected the tide gage but did not calibrate - did not have time to do anything on ~~them~~ Temp - except wipe SPen & Zero pots probably needs some insulation on bottom to keep from direct electrical contact with bottom.