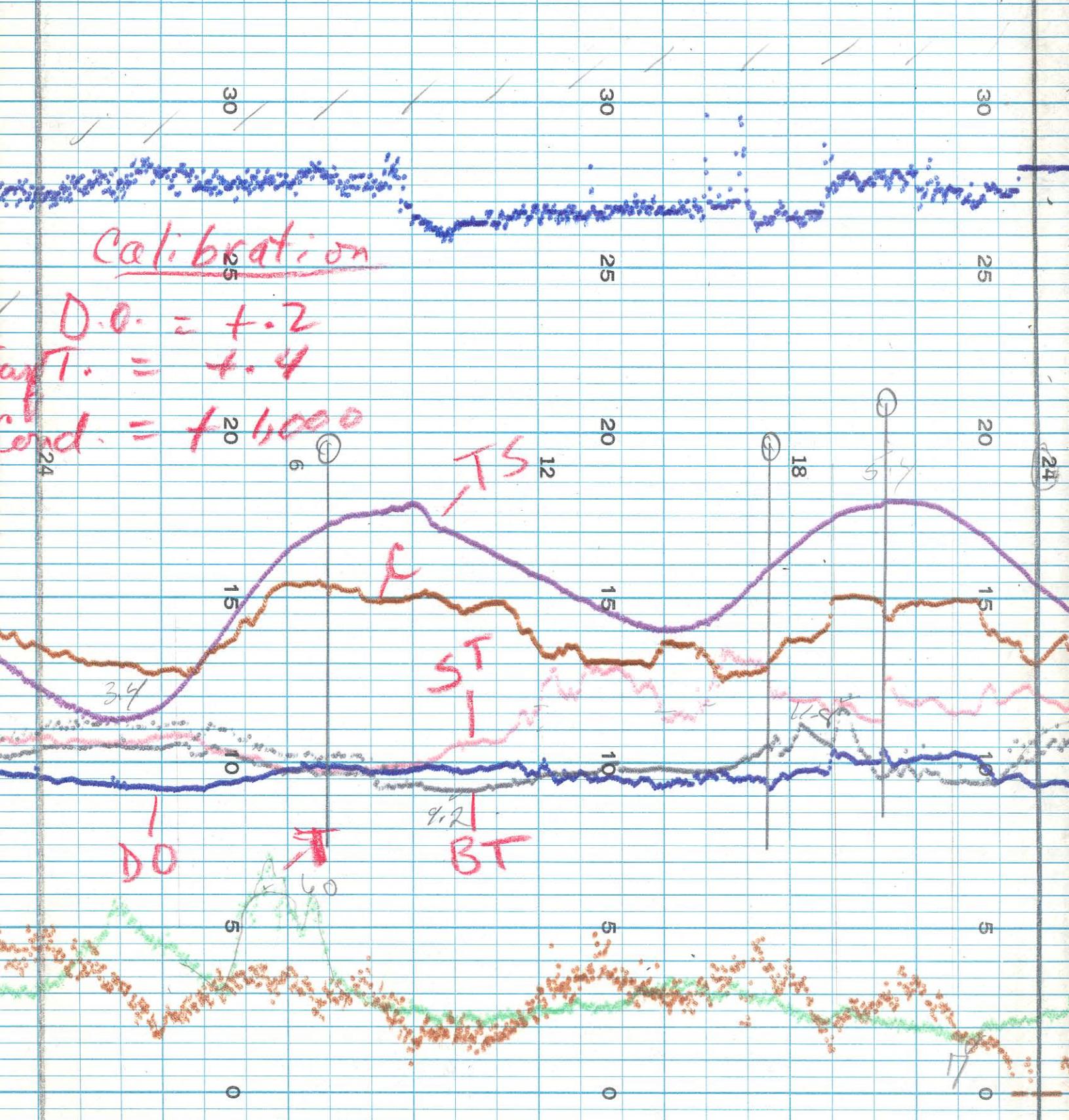


April 1  
~~March 31, 1967~~



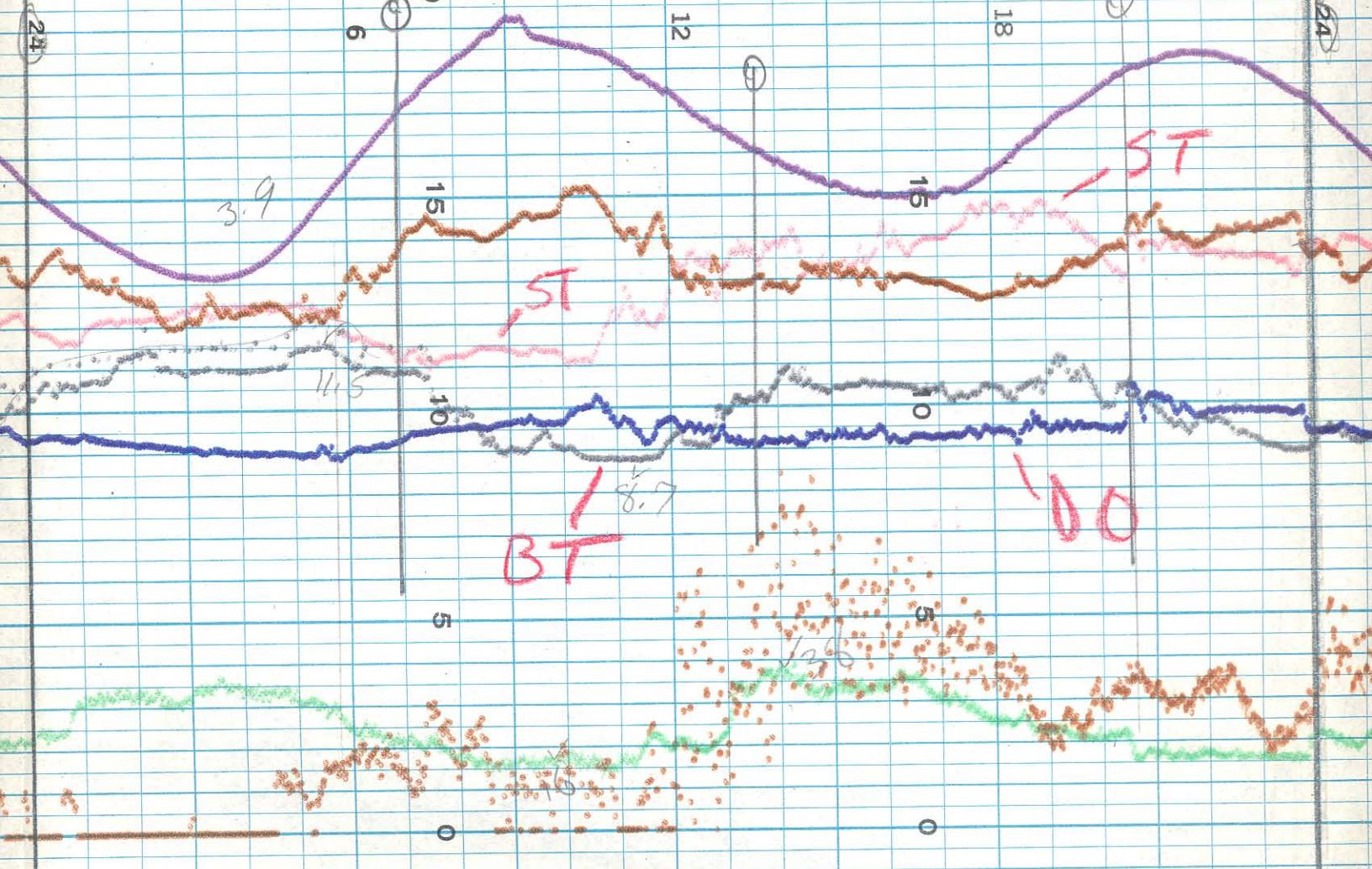
April 1

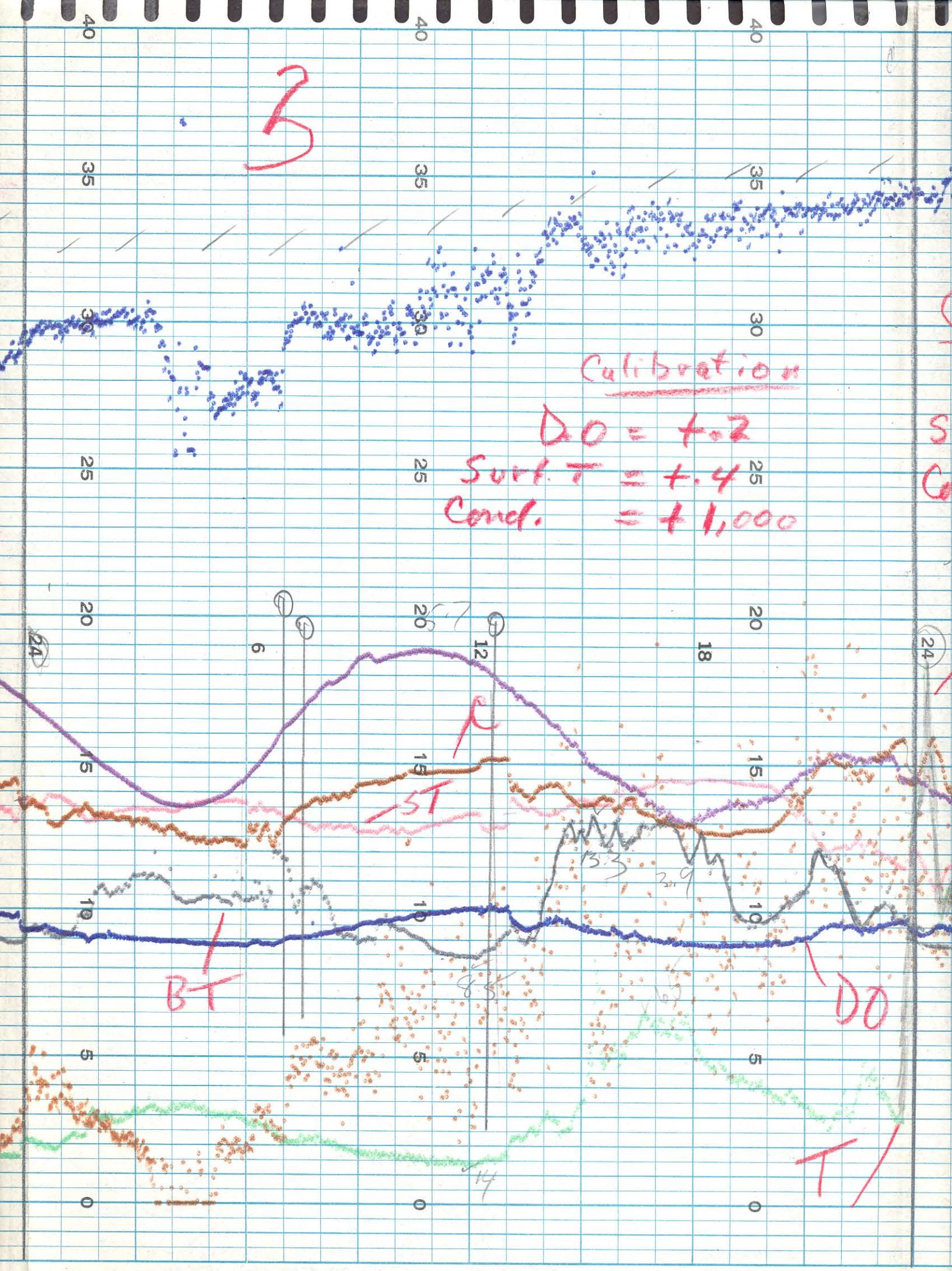
Calibration

$$D.O. = +.2$$

$$S\text{ort T.} = +.4$$

$$\text{Cond.} = +1000 \text{ }^{\circ}\text{F}$$





4

## Add or Subtract Calibration Adjustments

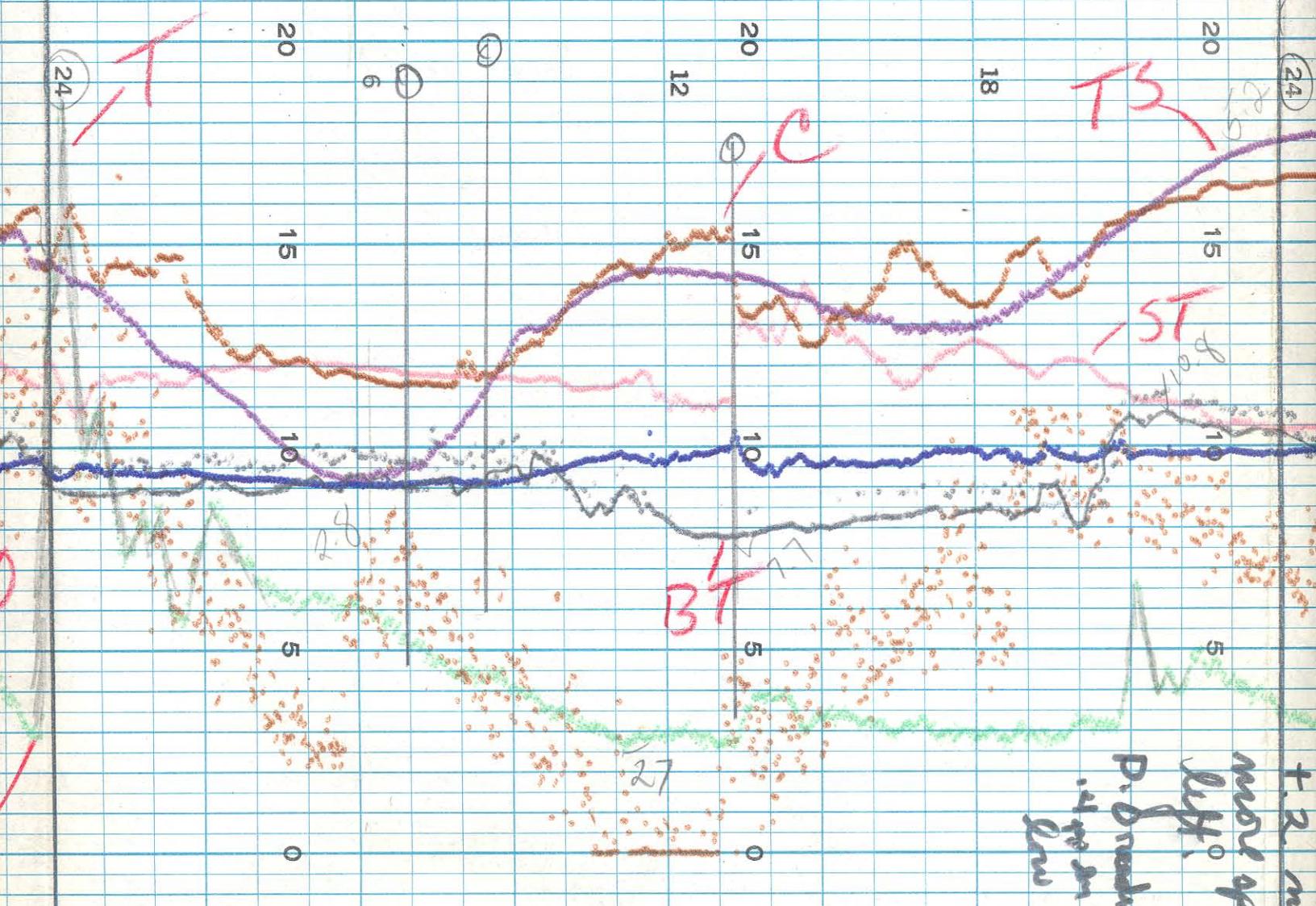
$$DO = +.2$$

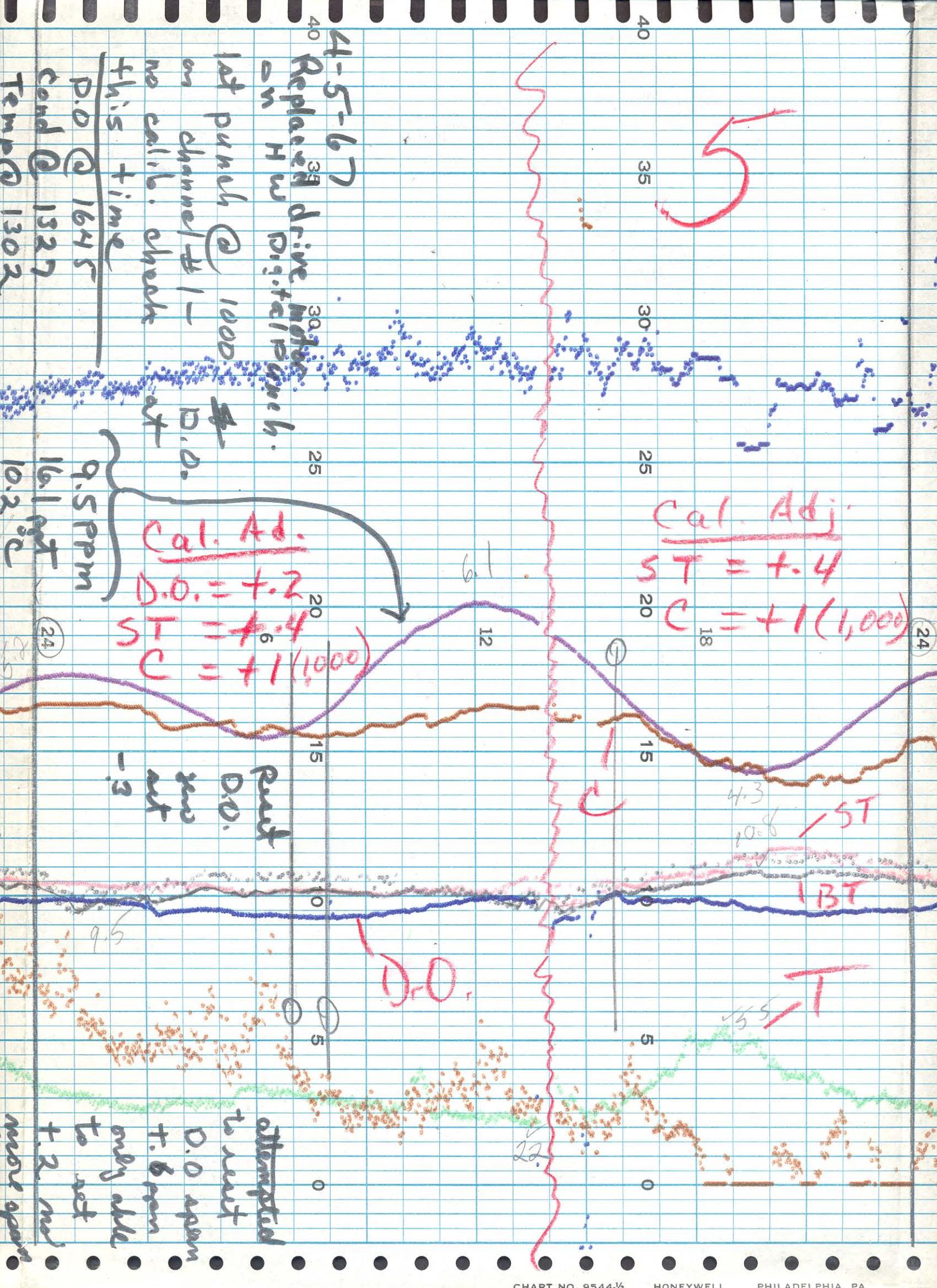
$$Surf.T = +.4$$

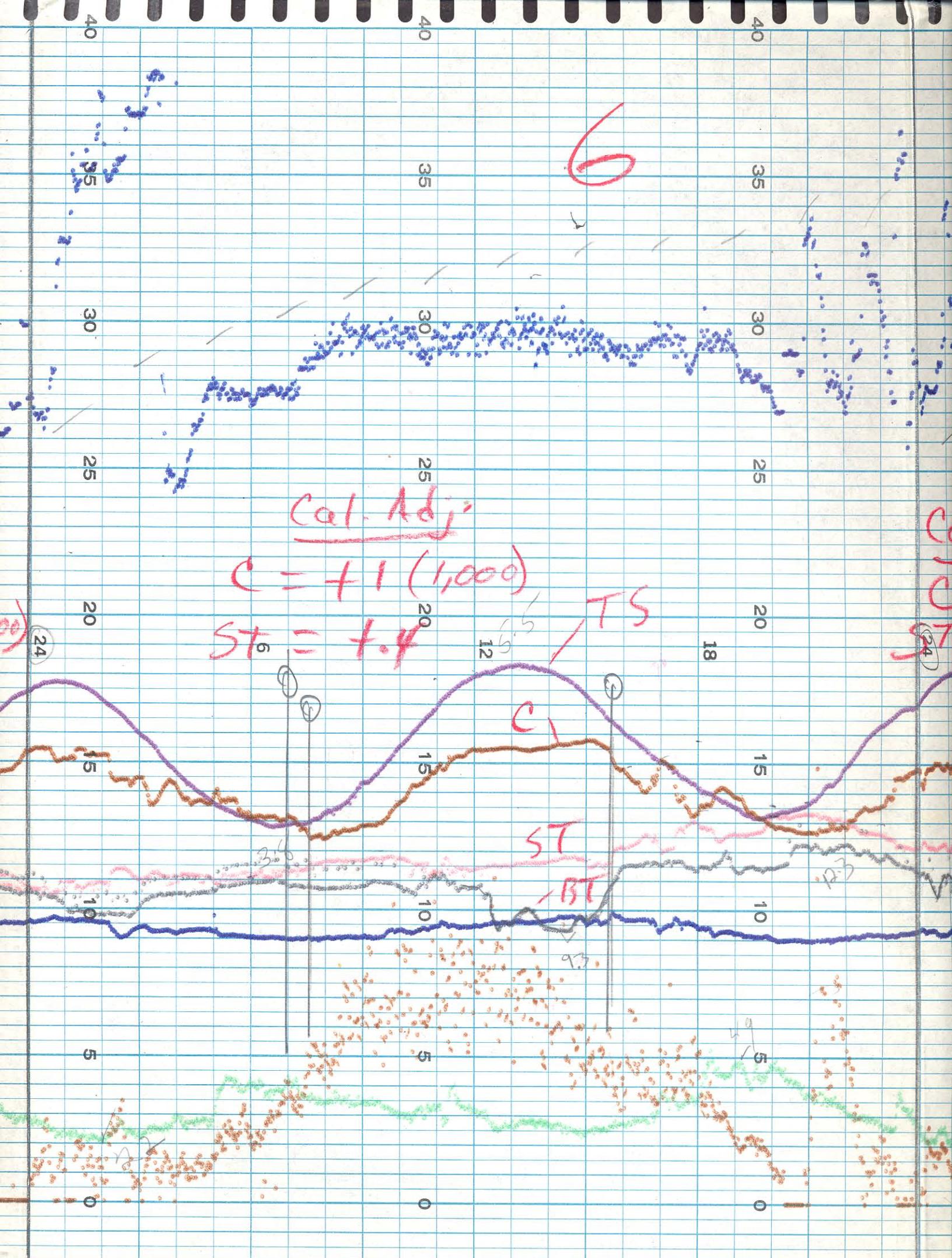
$$\text{Cond.} = +1,000$$

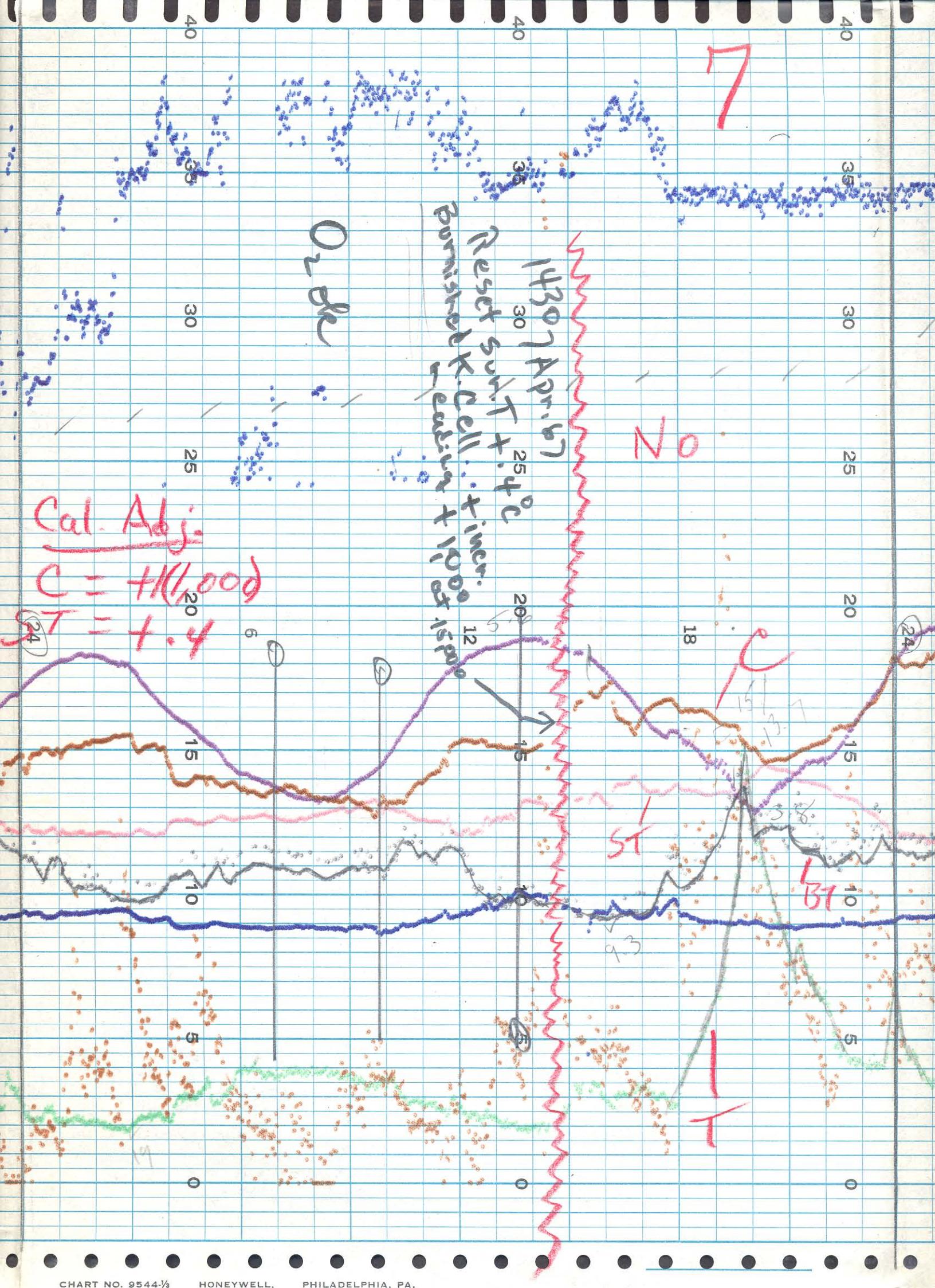
send C 1527  
Temp Q 1302  
 $H_W \approx 2$   
clock may not continue  
to run, since no limit  
better is here  
rewind clock  
motor stripped now regular.

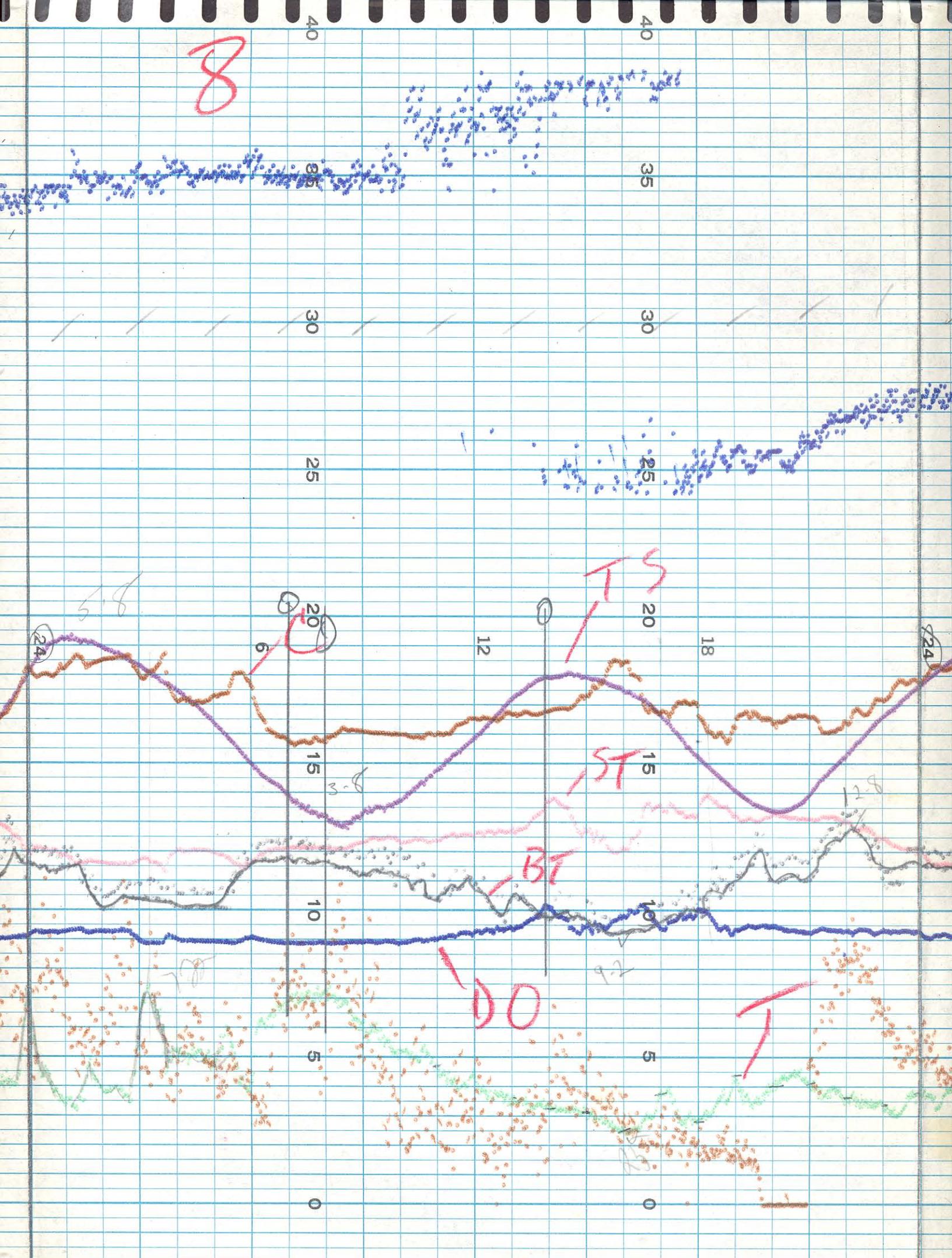
16.1 NT  
10.2 °C  
 $H_W \approx 1$

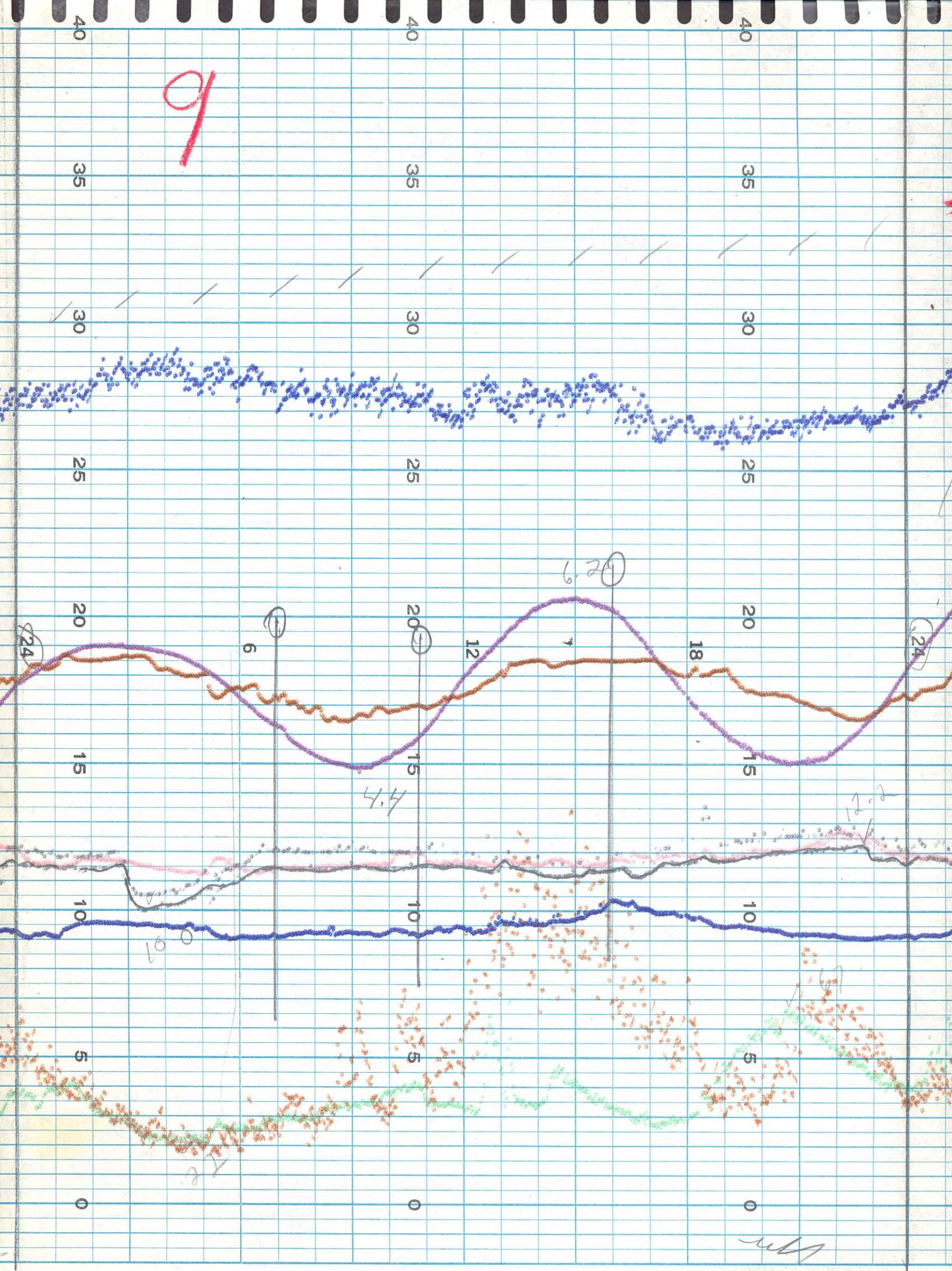


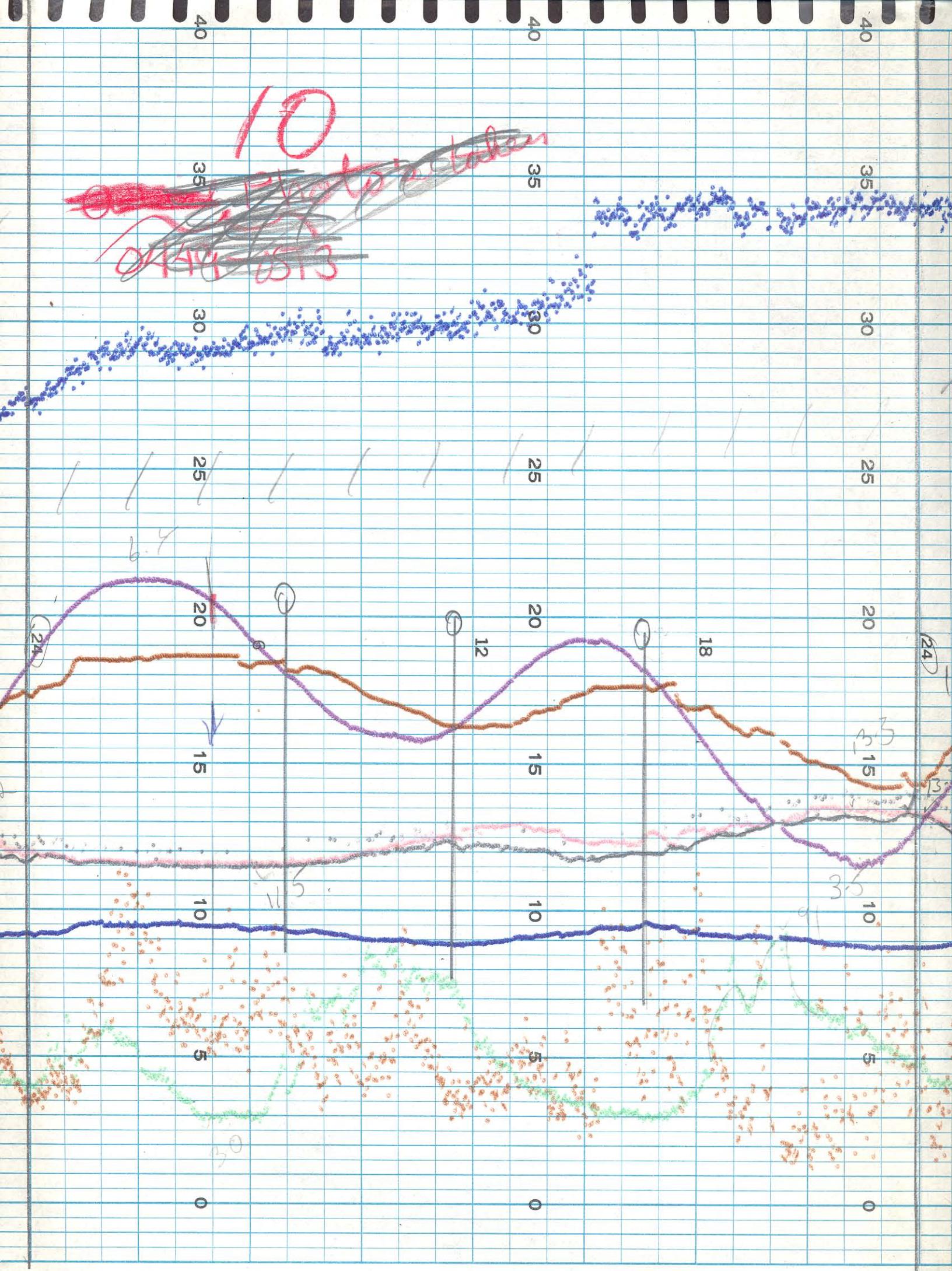


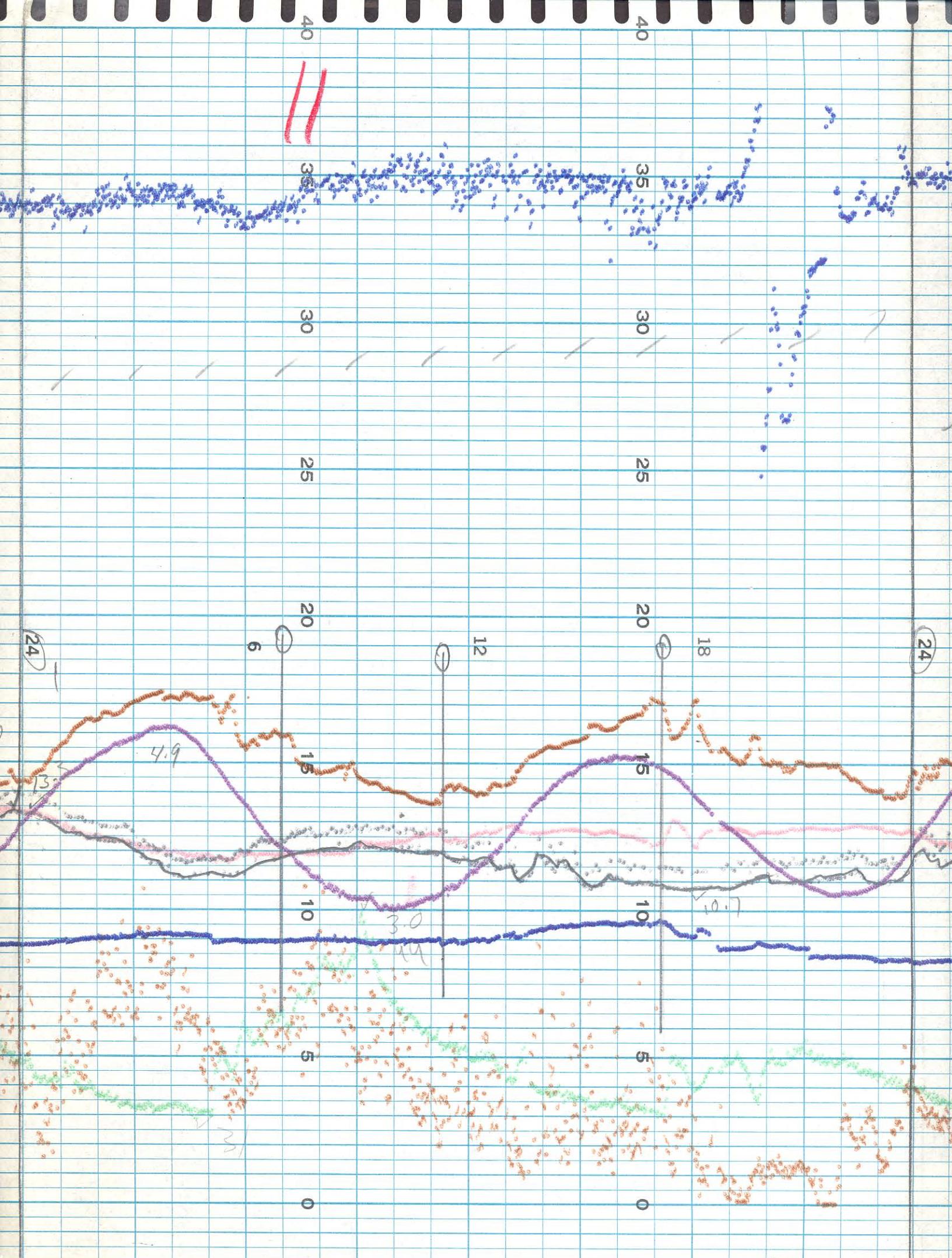






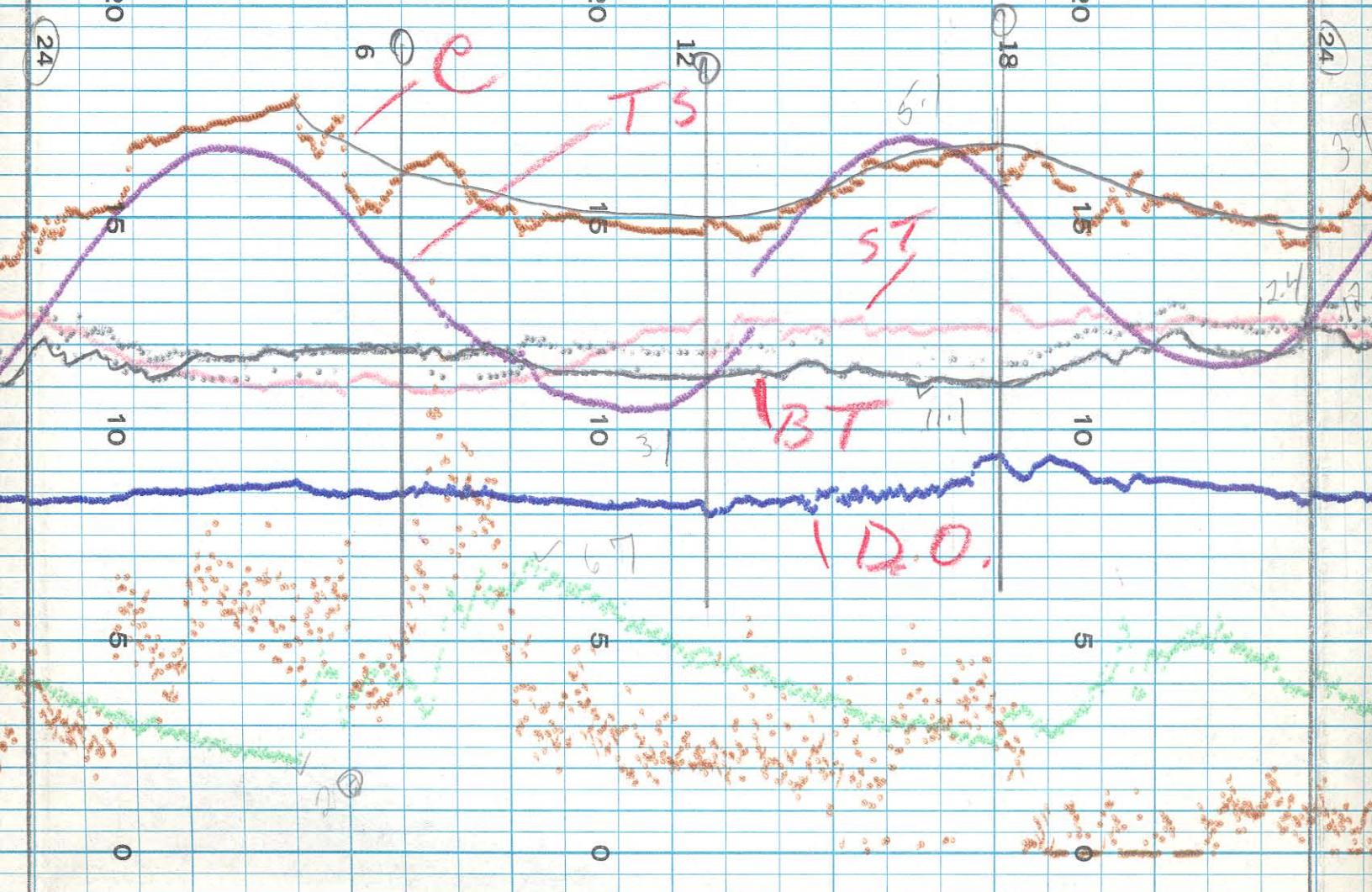






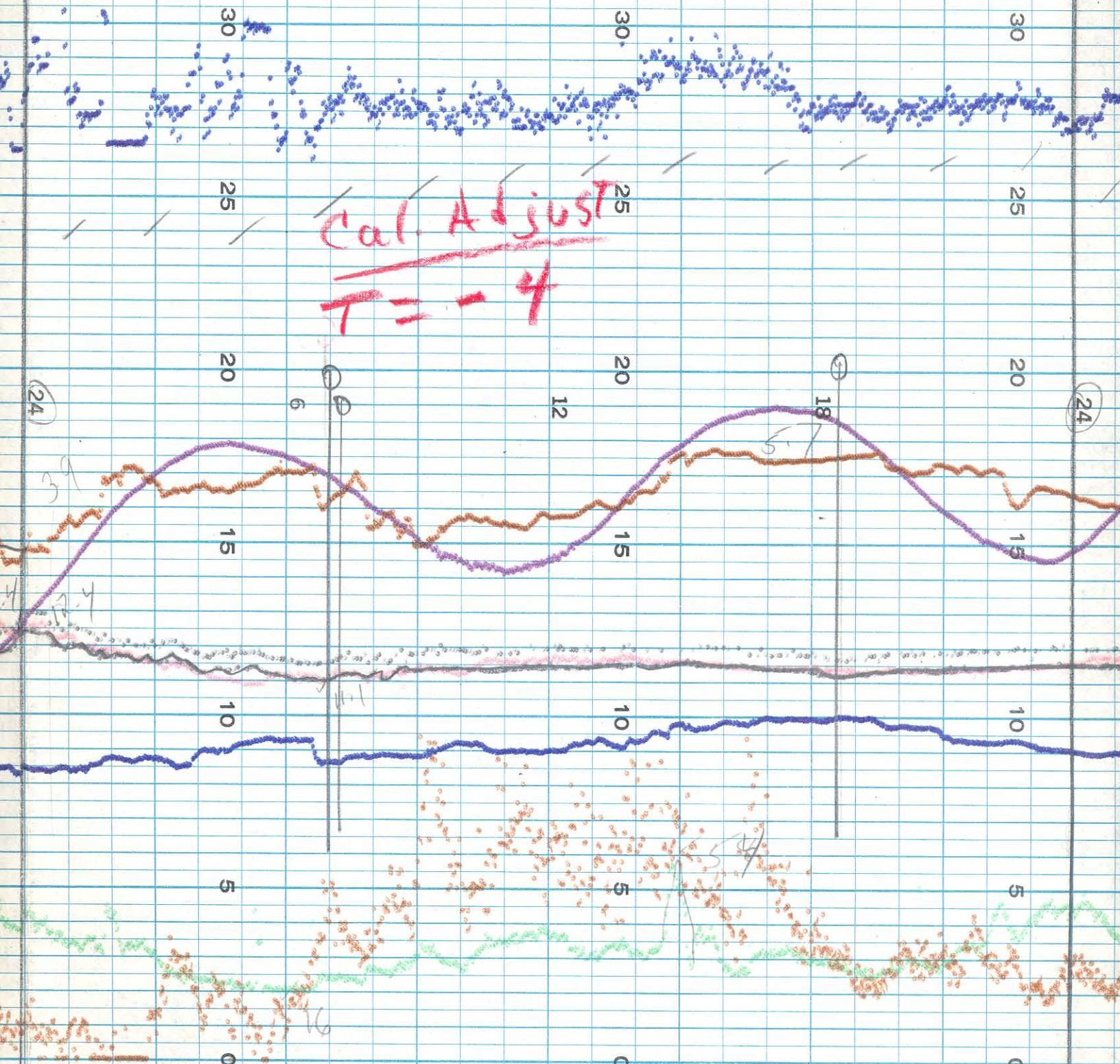
12

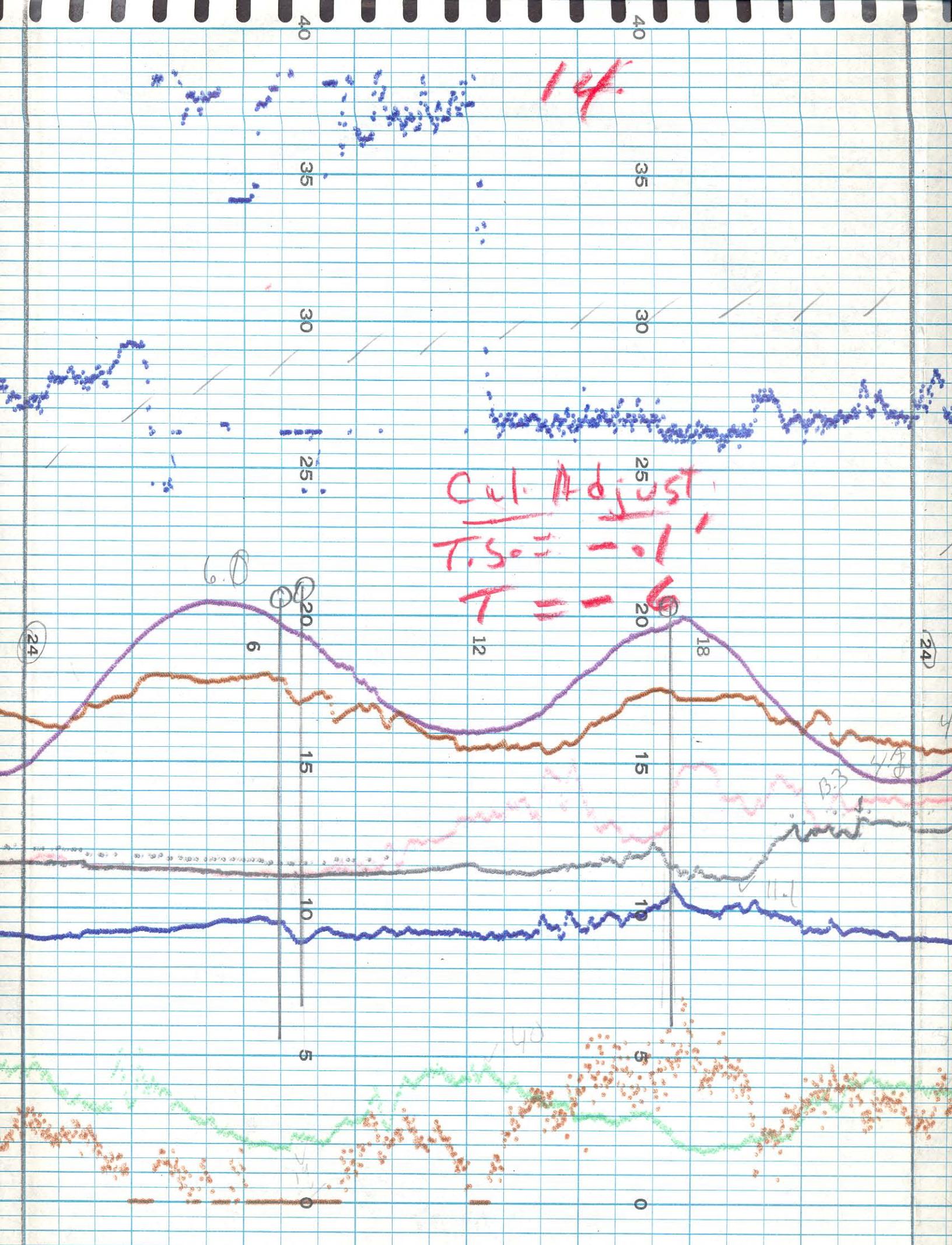
Cal. Adjust  
 $T = -8$



13

Cal. Adjust  
 $T = -4$

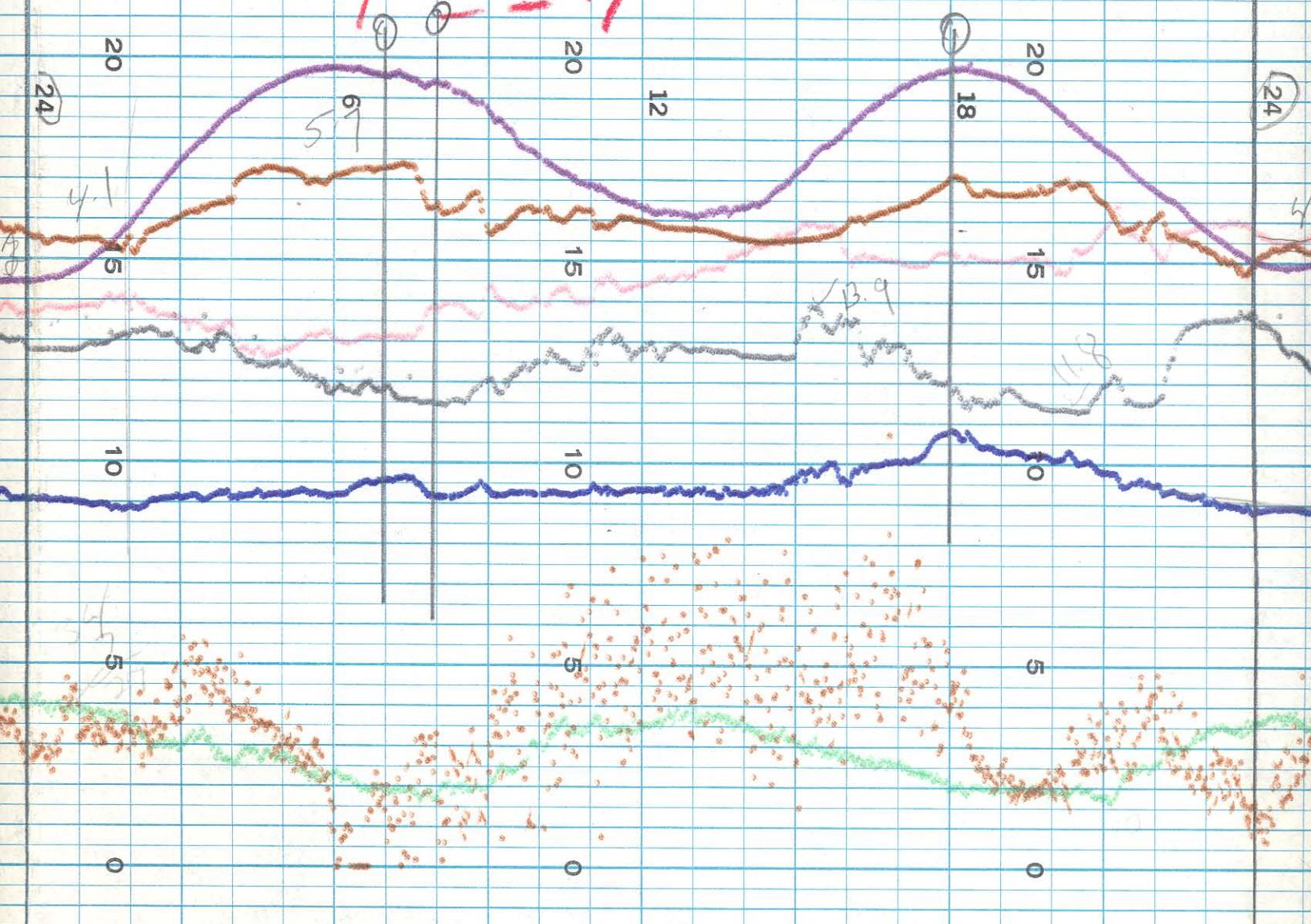




15

## Cal. Adjust

$$T \cdot S = -2$$

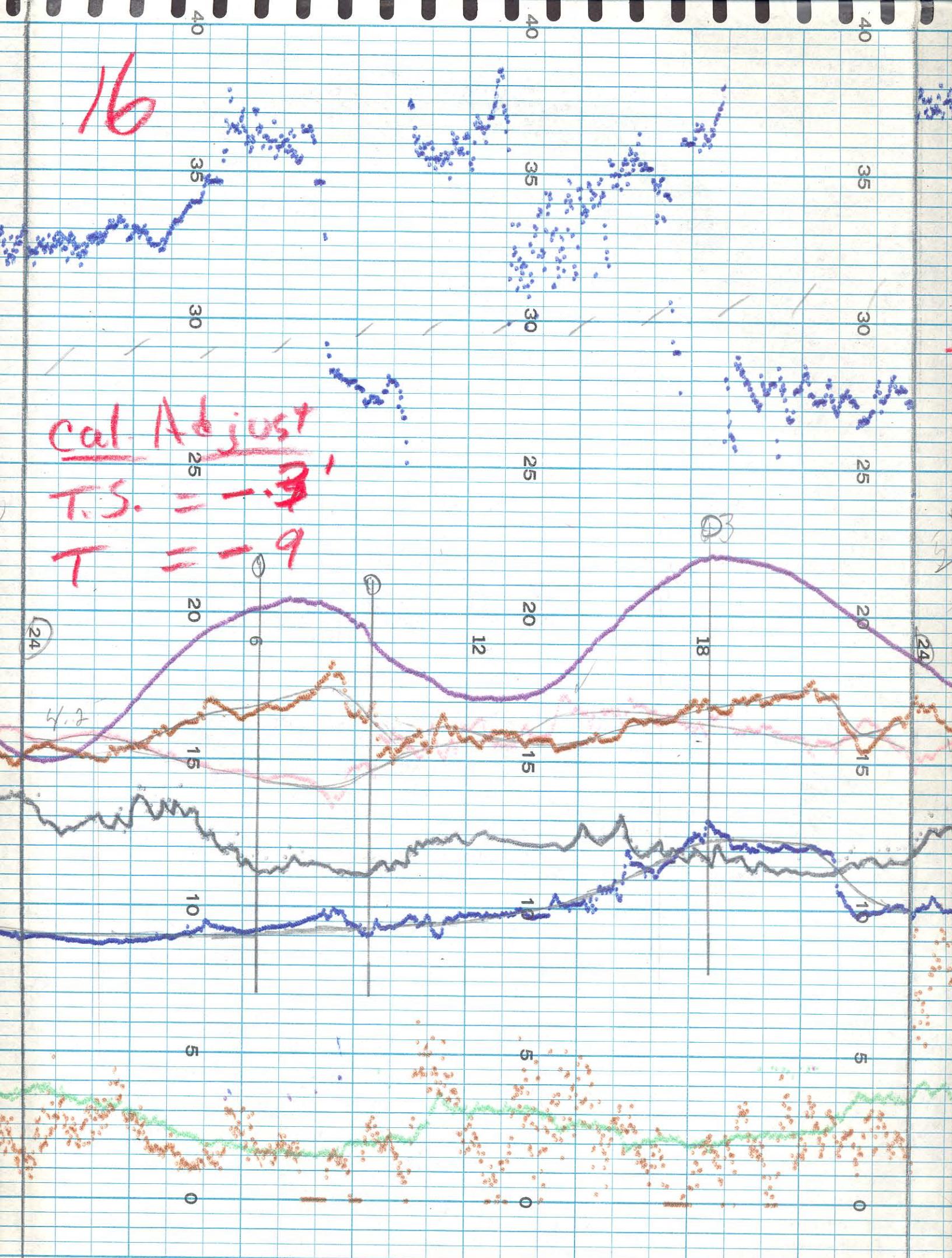


16

Cal. Adjust

$$T.S. = -3^{\circ}$$

$$T = -9$$

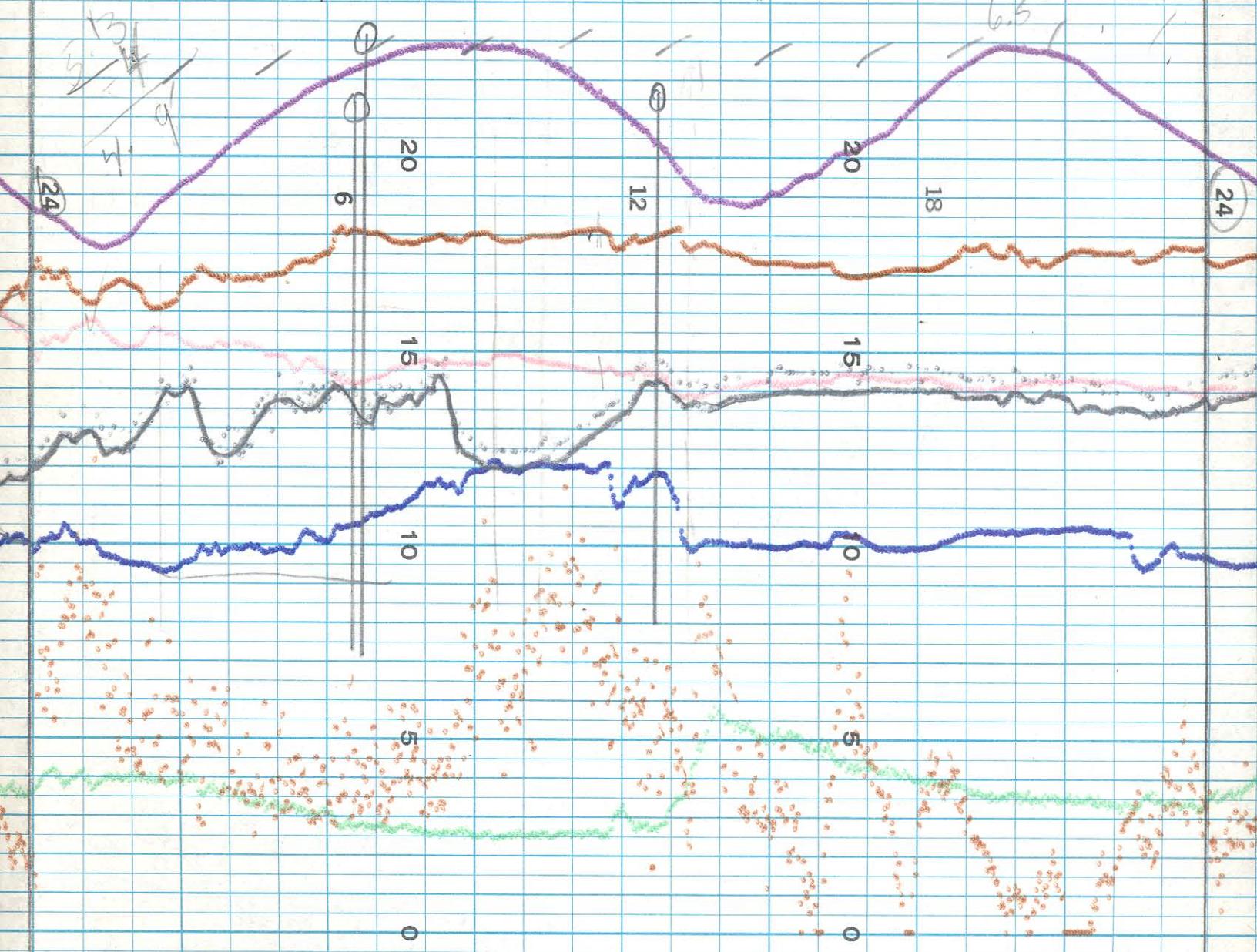


17

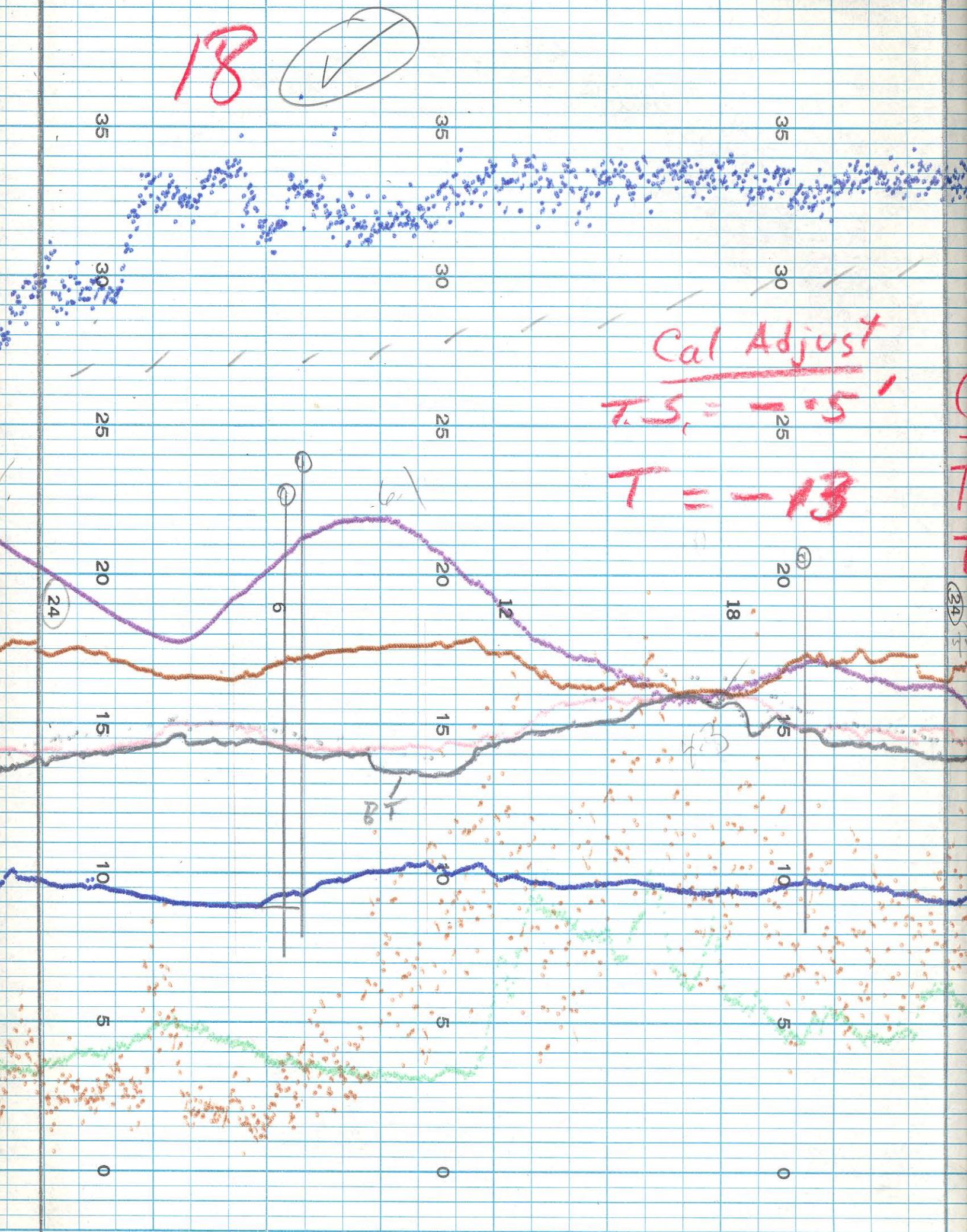
Cal. Adjust

TS = 4

T = -12



18



19

35

30

25

Cal. Adjust

T.S. = -.5'

T = -15

A P R I L

19 (7)

35

30

25

20

15

10

5

0

Reset tide from  
+4 to -1'

19 April 1967

25

20

15

10

5

0

18

15

10

5

0

→  
Turbidity

40

35

30

20

15

10

5

0

40

40

24

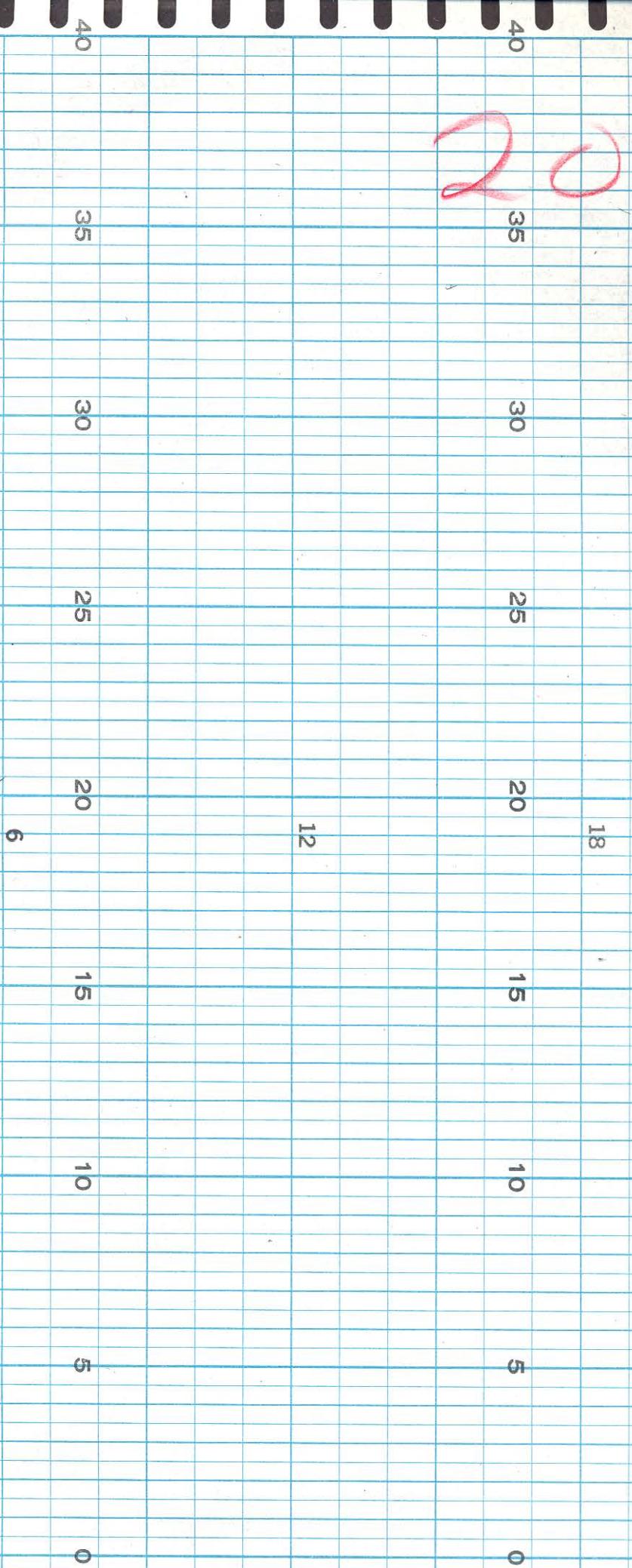
20

15

10

0

24



24

QI

40

35

30

25

20

15

10

5

0

40

35

30

25

20

15

10

5

0

6

40

35

30

25

20

15

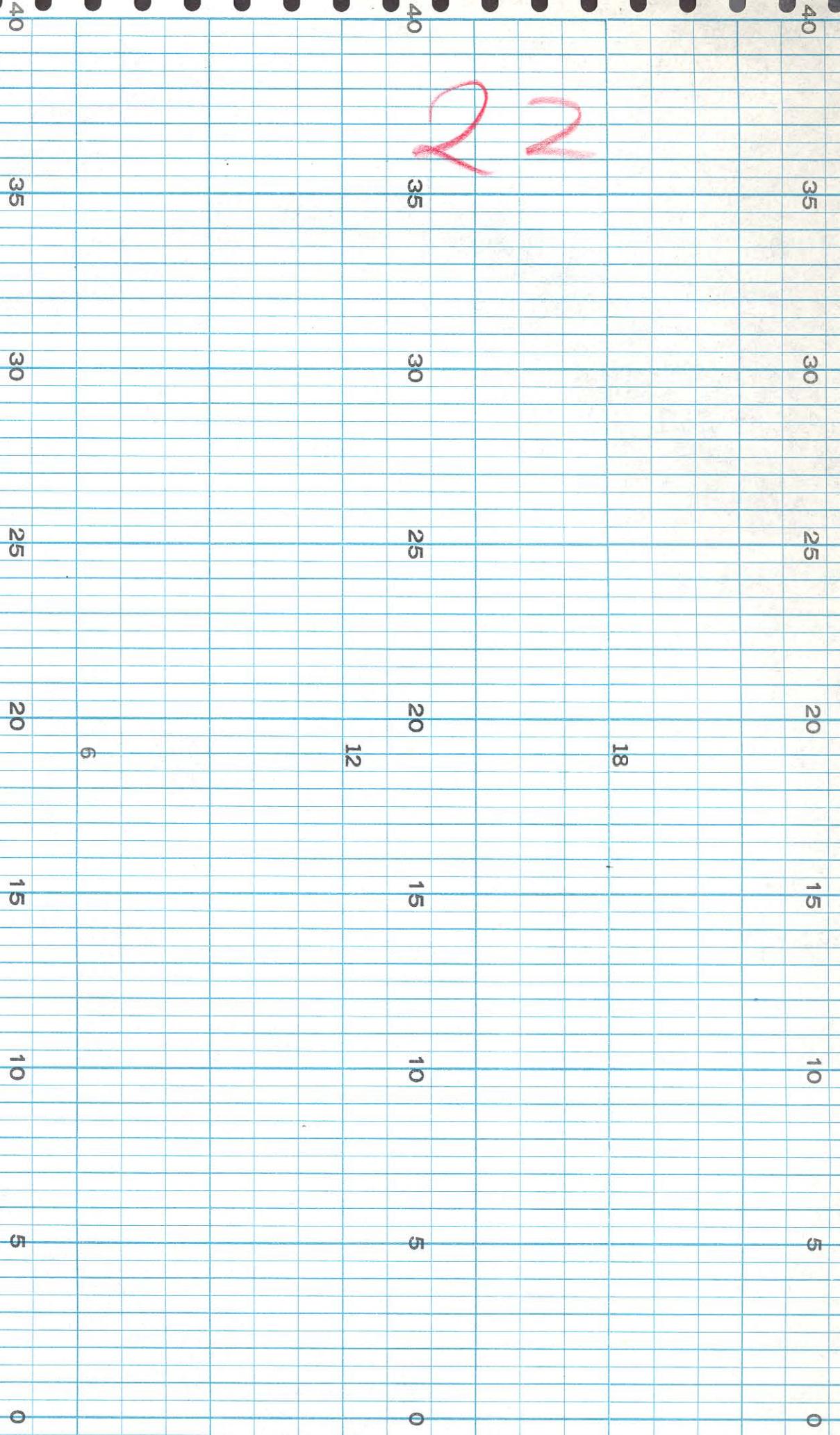
10

5

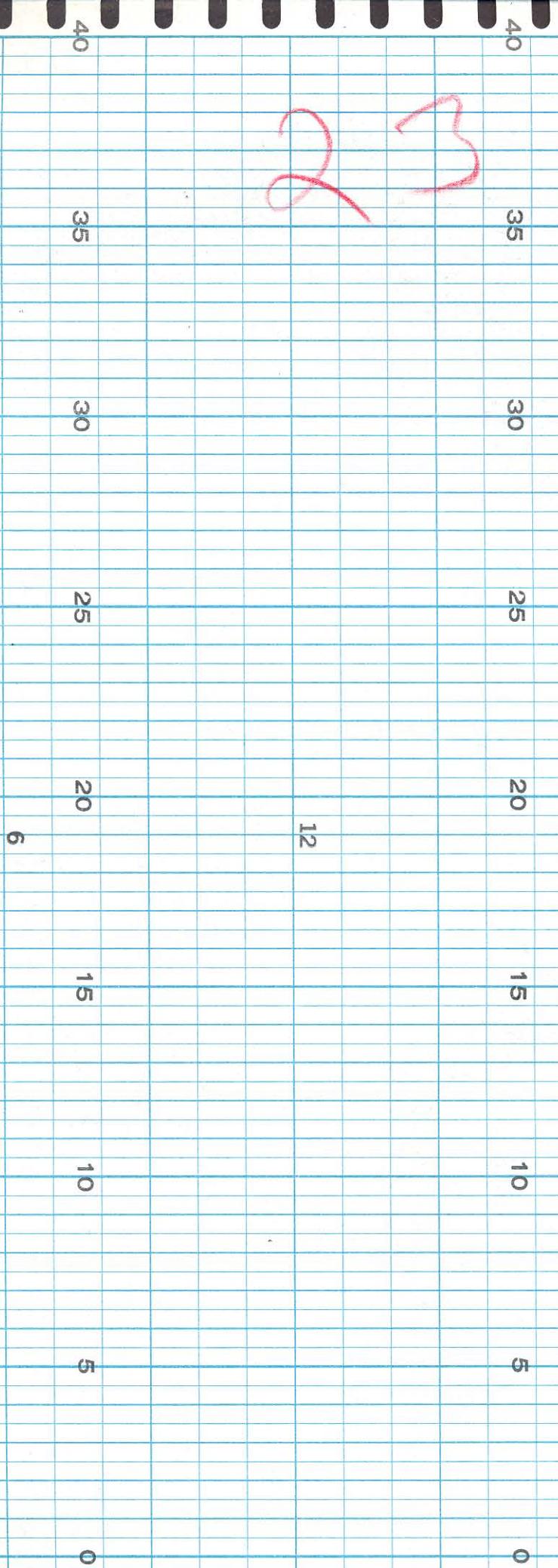
0

24

22



24



24

24

24

40

35

30

25

20

15

10

5

0

40

35

30

25

20

15

10

5

0

12

40

35

30

25

20

15

10

5

0

6

40

35

30

25

20

15

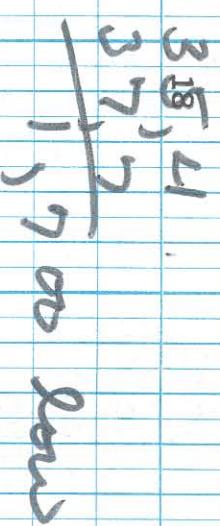
10

5

0

Magnets went up to  $34^{\circ}$ , then came down to  $37^{\circ} 7$ . Then stayed with fine current except  $35^{\circ} 8$  and then down to  $34^{\circ} 7$ .

Rest cond open + 700  
Cond reading 3.15, L1



60

୩

N  
CT

10

01

4

५

1

25

~~200~~ ~~300~~ ~~100~~ ~~100~~

63  
07

60

۲۱

NO

०१

二〇

GT

○

26

35

30

20

18

15

10

5

0

~~JK after  
cond. check  
in 3N KCl~~

35

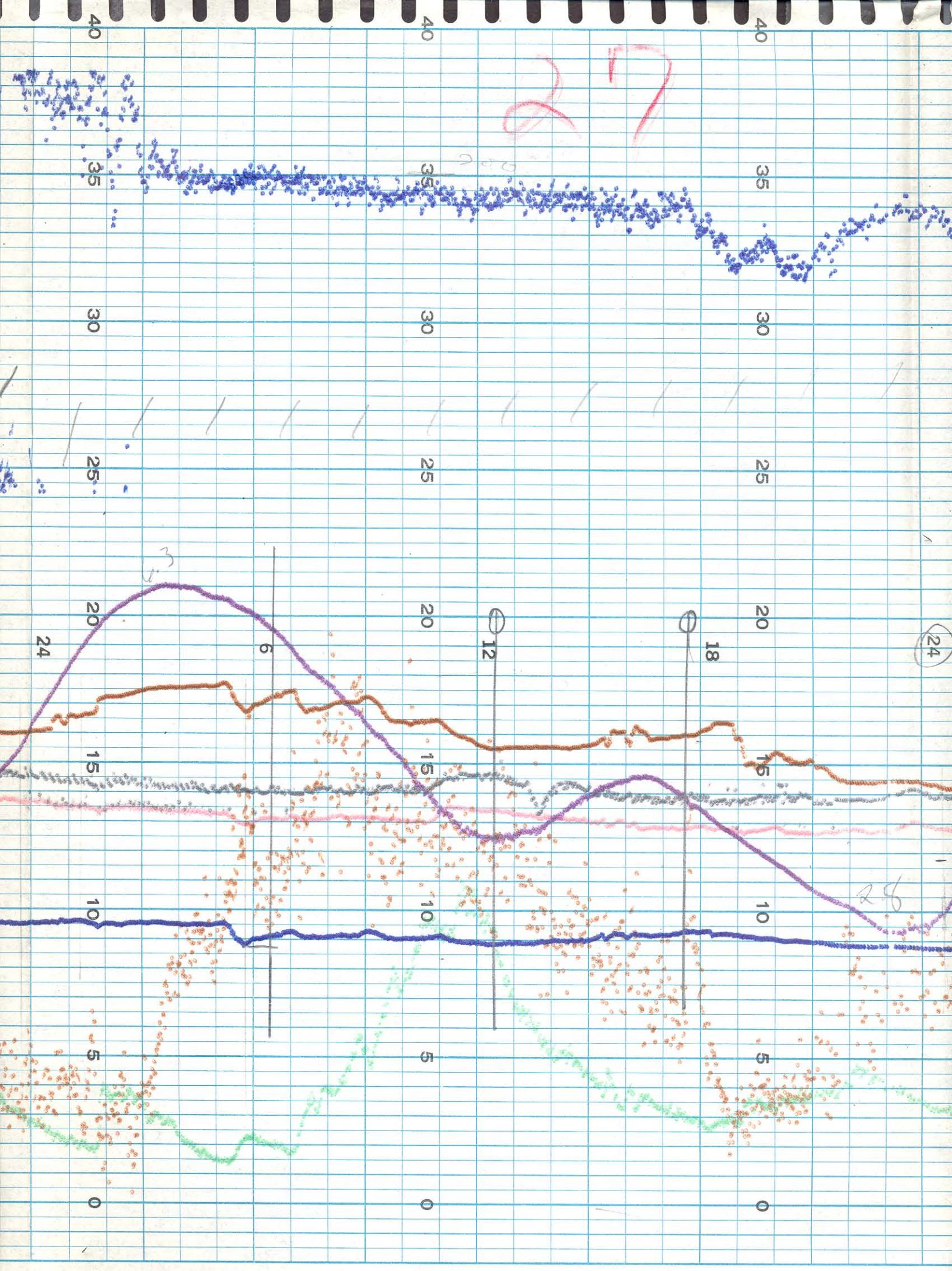
40

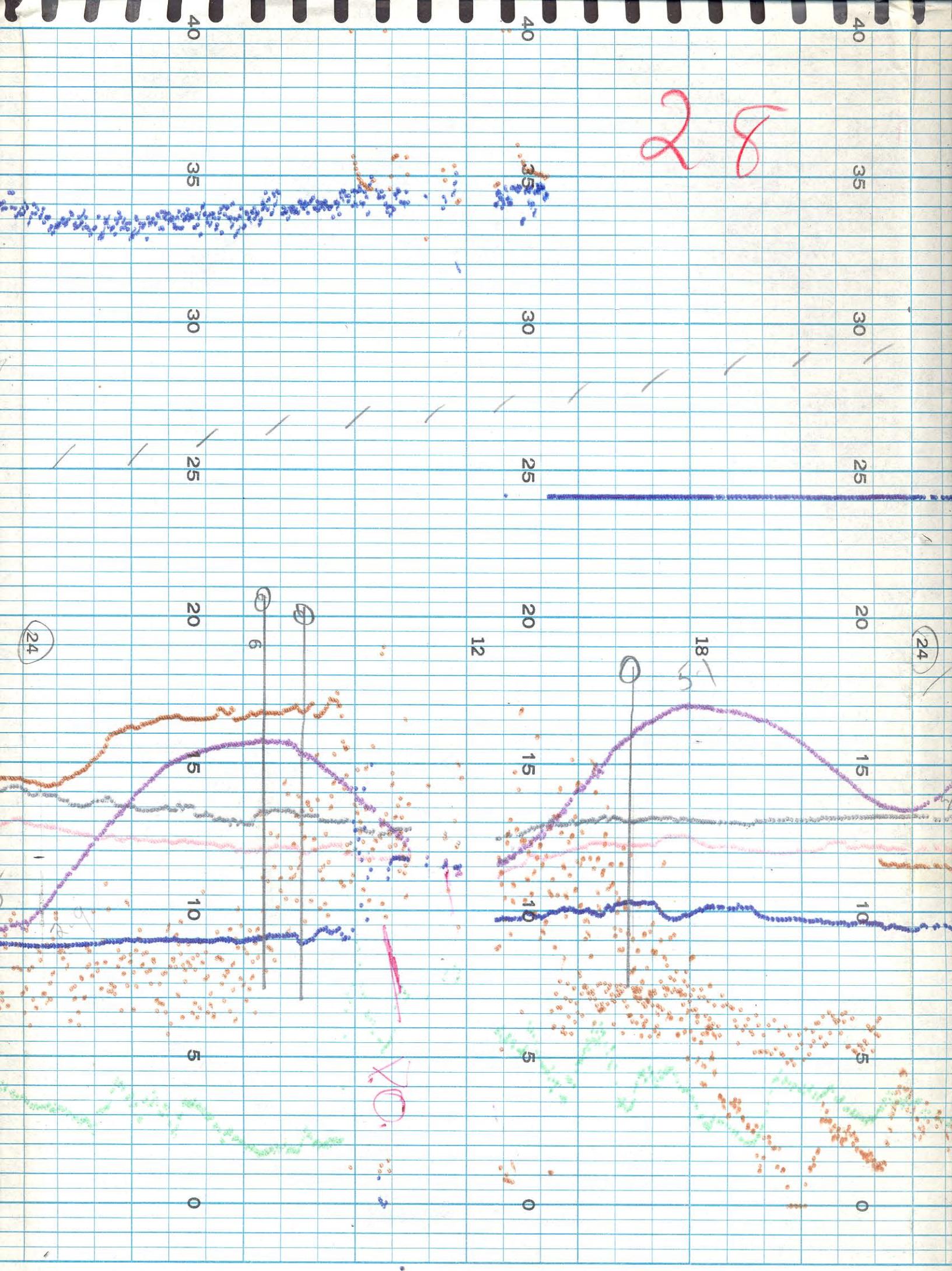
met printing hung-up on  
channel #8 (L<sup>29</sup> mid d, P<sup>15</sup>, C<sup>7</sup>, O<sup>4</sup>)

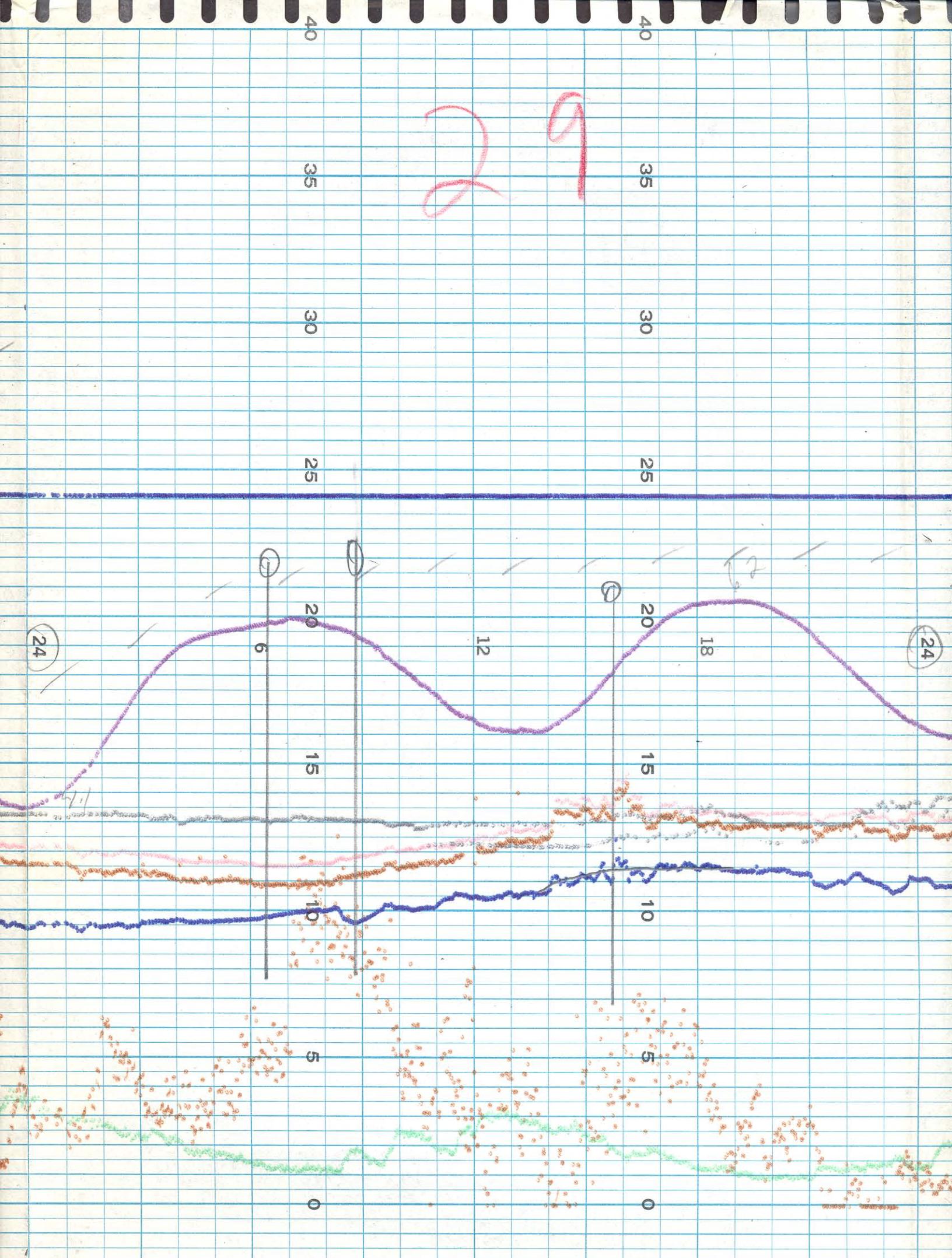
hung-up on

26 Apr: 167  
Time in seconds  
D. O. Low 4 ppm  
Bottom Temp  
dimple printing - read slower printing

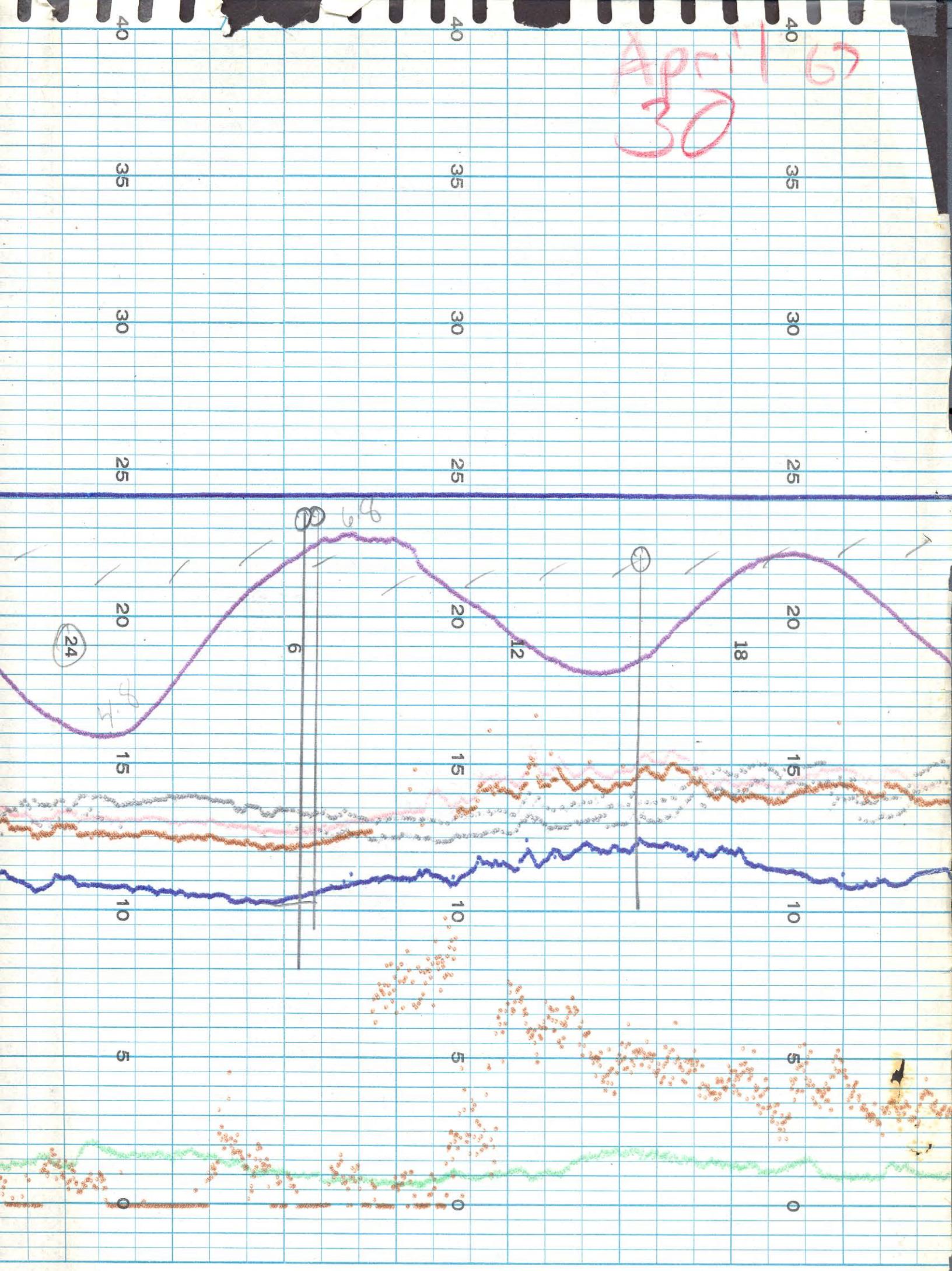
Cond. checked in 3 N Cl, rest coming down until it stopped at 37, 7; only rising with time of reading went up to 41.0 then came down to 37, 7. Then cleaned with fine emery cloth - greater







APR 16  
30



1967

Month

April

Apr.

Apr.

Day

5

7

19

Time  
Local

1310

1430

10900

~~Surf~~ Temp. C°  
Honeywell

10.6

13.2

14.1

~~Surf~~ Air Temp. C°

11.0

13.5

13.9

Bot. Water Temp. C°  
Honeywell

9.9

9.8

14.1

Bot. Water Temp. C°

10.2

10.1

13.8

Conductivity  
Micromhos  
Honeywell

16.4

3N  
KCl17.0 Before Cleaning  
17.4 After Cleaning  
35.7H Conductivity  
Micromhos  
Serafass  
~~3N KCl = 35.4~~

.3N KCl

33.2

33.2  
17.8 Before Cleaning  
17.4 After Cleaning  
35.4Water Samp.  
Bottle No.Should read  
35.4

35.4

35.4  
Cambridge  
35.4Dissolved O<sub>2</sub>  
Honeywell

9.9 9.9

10.0 9.5

9.5

Dissolved O<sub>2</sub>  
Winkler

10.1 9.5

10.1 9.5

9.5

Turbidity  
JCU  
Honeywell  
Turbidity  
Hellige

23

25

33 95

Tide  
Honeywell

+1.9

+1.5

+1.5

Tide Staff

+1.9

+1.5

+1.5

Wind Vel.

MPH

Honeywell

6

10

26

Wind Vel.  
Air Speed Ind

MPH

Wind Direc.

Honeywell

6

10

26

Wind Direc.

Air Speed Ind

S

NN

NW

S

NN

NW

Temp.

-3

-5

Temp.

-3

-5

SUR	Air Temp. C°	11.0	13.5	13.9
BOT	Water Temp. C° Honeywell	9.9	9.8	14.1
BOT.	Water Temp. C°	10.2	10.1	13.8
	Conductivity Micromhos Honeywell	16.4	3N KCl	17.0 Before Cleaning 17.4 after 11 35.7
H	Conductivity Micromhos Seefass $3N \text{ KCl} = 35.4$	3N KCl 33.7	33.2 33.2 13.5	35.4 * 17.0 before cleaning 17.4 after cleaning 35.4
	Water Samp. Bottle No.	Should read 35.4	35.4	35.4
	Dissolved O <sub>2</sub> Honeywell	9.9 9.5	10.0 9.5	9.5
	Dissolved O <sub>2</sub> Winkler	10.1 9.5 9.5	10.1 9.5	9.5
	Turbidity JCU Honeywell	23	25	33 95
	Turbidity Hellige	<del>23</del>	30	
	Tide Honeywell	+1.9	+1.5	+1.5
	Tide Staff	+1.9	+1.5	-0.1
	Wind Vel. MPH Honeywell	6	10	26
	Wind Vel. Air Speed Ind MPH	6	10	26
	Wind Direc. Honeywell	S	NN	NW
	Wind Direc. Air Speed Ind	S	NE	NE
Remarks	Note: 3N KCl solution was in + 30°C same + tem p. Reset D.D. 3000 feet -3 34.3 Burnished K. Probe Cal. * 0 ft. Reset T. Surf. + 4°C Note: Cnd. Reset - .3 Reset Vol. - 1.5			

1967

Month

April

Apr.

Apr.

Day

5

7

19

Time  
Local

1310

1430

0900

~~Surf~~ Temp. C°  
Honeywell

10.6

13.2

14.1

~~Surf~~ Air Temp. C°

11.0

13.5

13.9

Bott. Water Temp. C°  
Honeywell

9.9

9.8

14.1

Bot. Water Temp. C°

10.2

10.1

13.8

Conductivity  
Micromhos  
Honeywell

16.4

3N  
KCl17.0 Before Cleaning  
17.4 After Cleaning  
35.7H Conductivity  
Micromhos  
Seiffass  
~~3N KCl = 35.4~~

.3N KCl

33.2

33.2  
17.8 Before Cleaning  
17.4 After Cleaning  
35.4Water Samp.  
Bottle No.Should read  
35.4

35.4

35.4  
Cambridge  
35.4Dissolved O<sub>2</sub>  
Honeywell

9.9 9.9

10.0 9.5

9.5

Dissolved O<sub>2</sub>  
Winkler

10.1 9.5

10.1 9.5

9.5

Turbidity

JCU

Honeywell

Turbidity

Hellige

23

25

33

Tide

Honeywell

+1.9

+1.5

+1.5

Tide Staff

+1.9

+1.5

+1.5

Wind Vel.

MPH

Honeywell

6

10

26

Wind Vel.

Air Speed Ind

MPH

6

10

26

Wind Direc.

Honeywell

S

NN

NW

Wind Direc.

Air Speed Ind

S

NN

NW

Temp.

-3

-5

Humidity

42

55

Month 1967

April

May

Day	26	2	
Time Local	1110	0830	
Surf Air Temp. C° Honeywell	13.9	15.9	
Surf Air Temp. C°	13.8	16.0	
Bot Water Temp. C° Honeywell	13.7 13.7	14.6	
Bot Water Temp. C°	13.6	15.3	
Conductivity Micromhos Honeywell	14.9 33.7	April 28 removed	
Conductivity Micromhos Serfass	33.3 35.4	Cond. Unit	
Water Samp. Bottle No.			
Dissolved O <sub>2</sub> Honeywell	9.9	11.2 } reset +.3	
Dissolved O <sub>2</sub> Winkler	10.3 10.3	11.5	
Turbidity JCU Honeywell	32	16	
Turbidity Hellige	33	17	
Tide Honeywell	0	+1.8 } reset -0.3	
Tide Staff	0	.15 +1.8	
Wind Vel. MPH Honeywell	12	8	
Wind Vel. Air Speed Ind MPH	12	8	
Wind Direc. Honeywell	S	-	
Wind Direc. Air Speed Ind	S	( )	
	Wind and +750 ft. above sea level	Non open (+.7)	

Surf	Temp. C°	13.8	16.0
Wat	Water Temp. C°	13.7	14.6
	Honeywell	13.7	
Wat	Water Temp. C°	13.6	15.3
Conductivity			
Micromhos			
Honeywell		14.9	
Conductivity			
Micromhos			
Serfass		33.7	
Water Samp.			
Bottle No.			
Dissolved O <sub>2</sub>			
Honeywell		9.9	11.2 } reset +.3
Dissolved O <sub>2</sub>			
Winkler		10.3	11.5
Turbidity			
JCU		32	16
Honeywell			
Turbidity			
Hellige		33	17
Tide			
Honeywell		0	+1.8 } reset -0.3
Tide Staff		0	+1.5 +1.8
Wind Vel.			
MPH			
Honeywell		12	8
Wind Vel.			
Air Speed Ind			
MPH		12	8
Wind Direc.			
Honeywell		S	1
Wind Direc.			
Air Speed Ind		S	( )

Remarks

Cleaned and run  
with new and  
reset agm +700  
O.D. readings .4  
open bottom

14.6 Reset Bottom  
temp approx 11.7