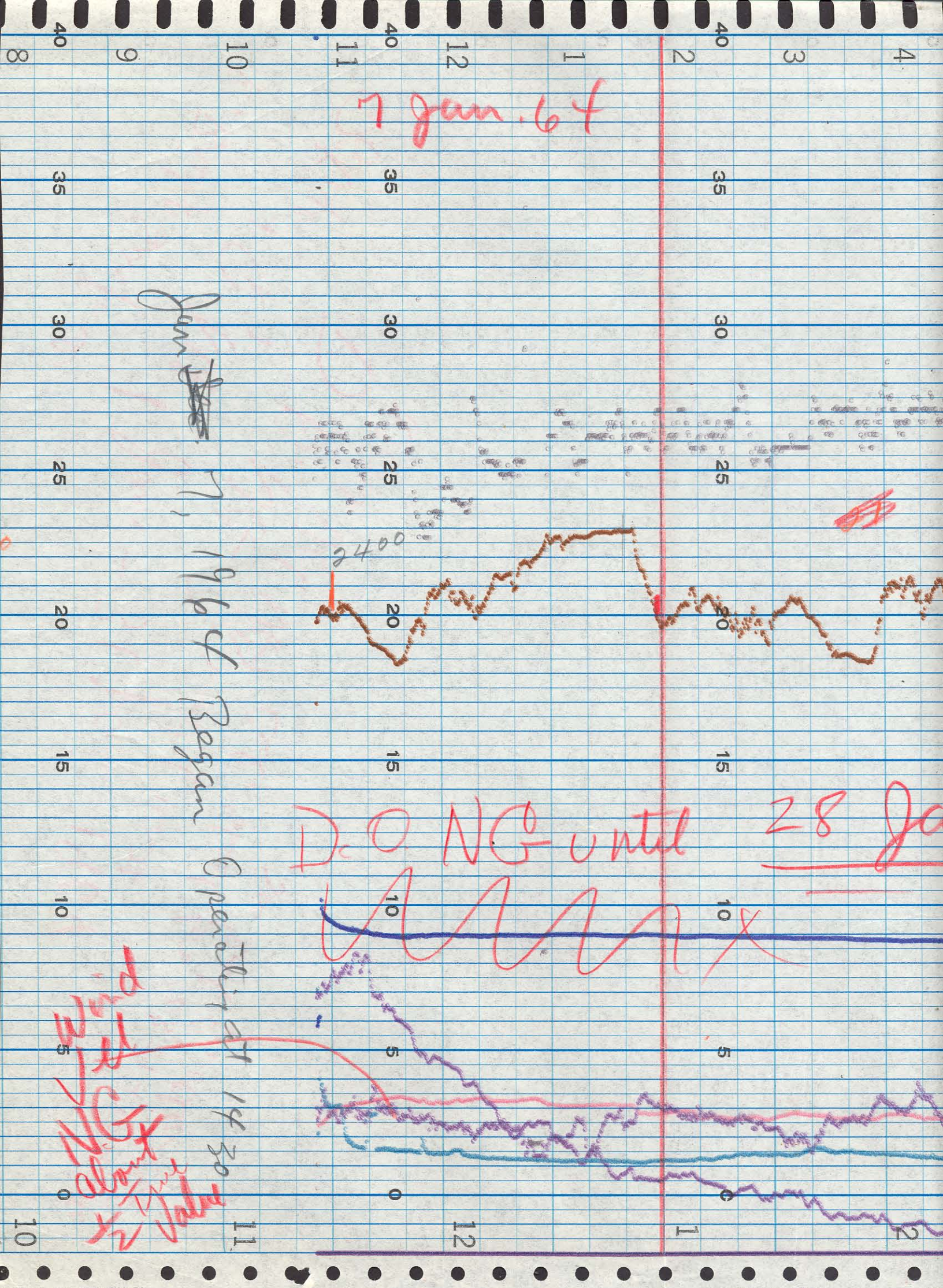
January 1-6, 1964

No Data


7 Jan. 64
Jan 7, 1964 Began Operation
Thursday 14:30
2400
D.O NG until 28 Ja
Wind Vel NG about ½ Test Value

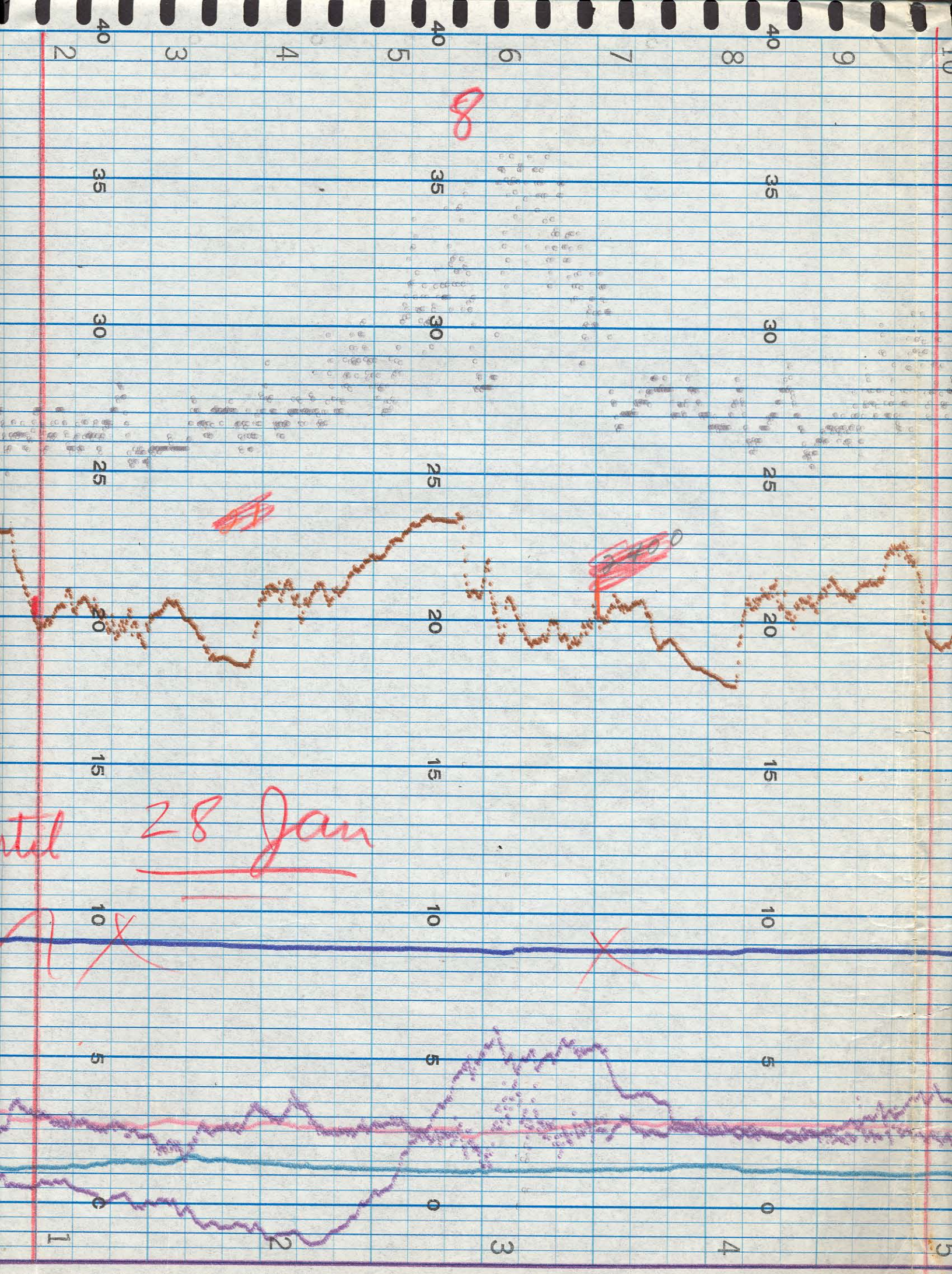
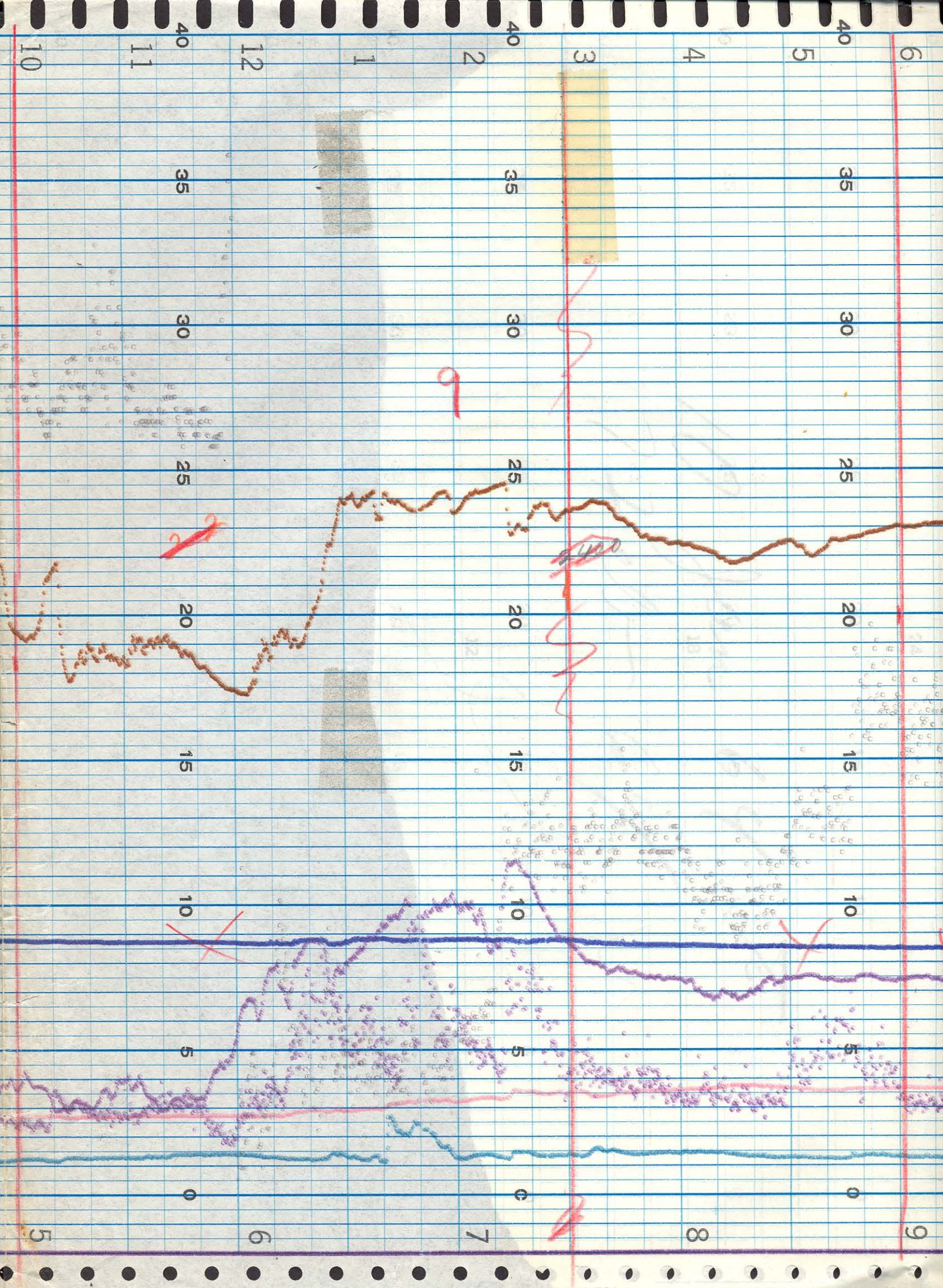
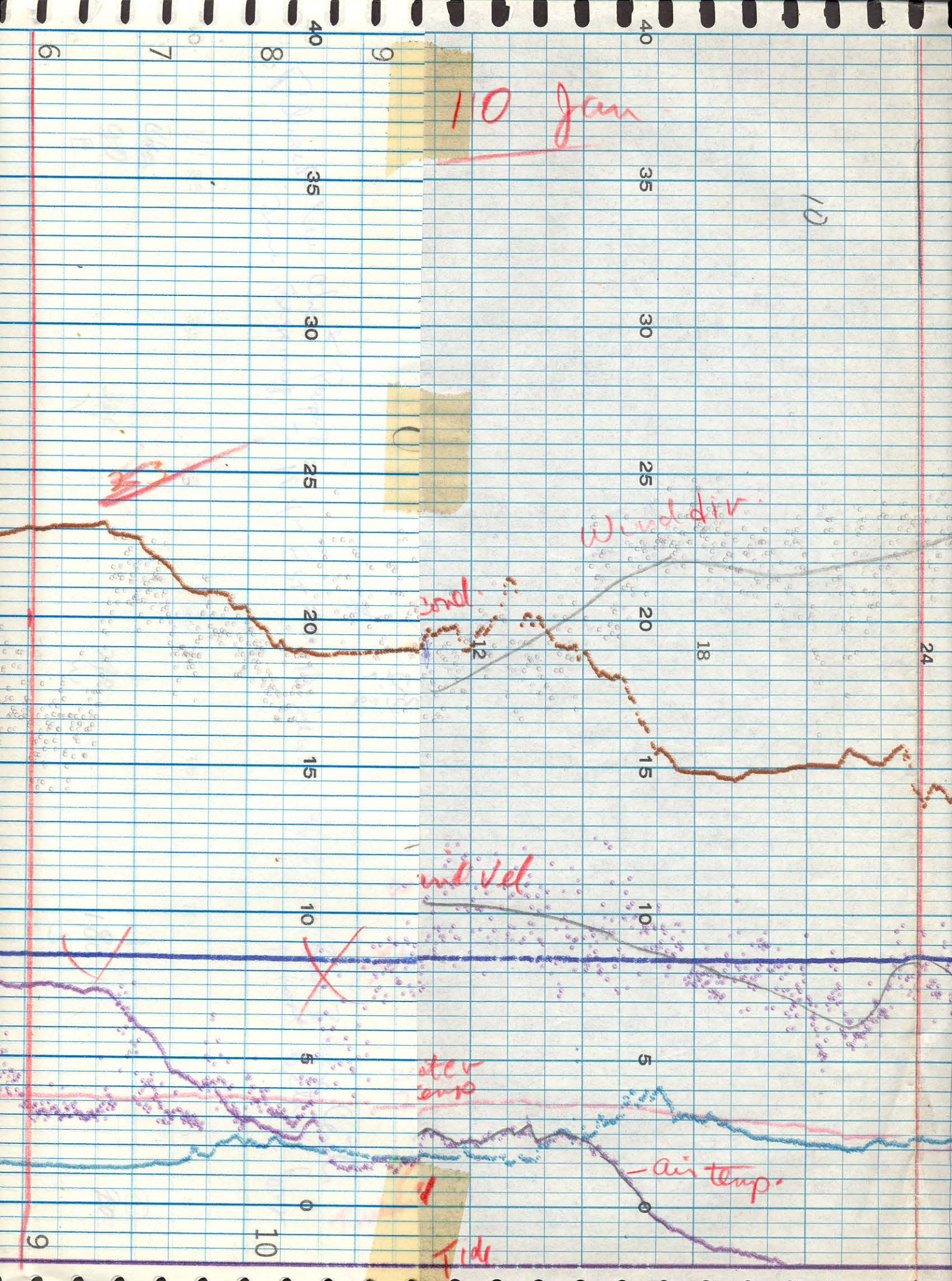
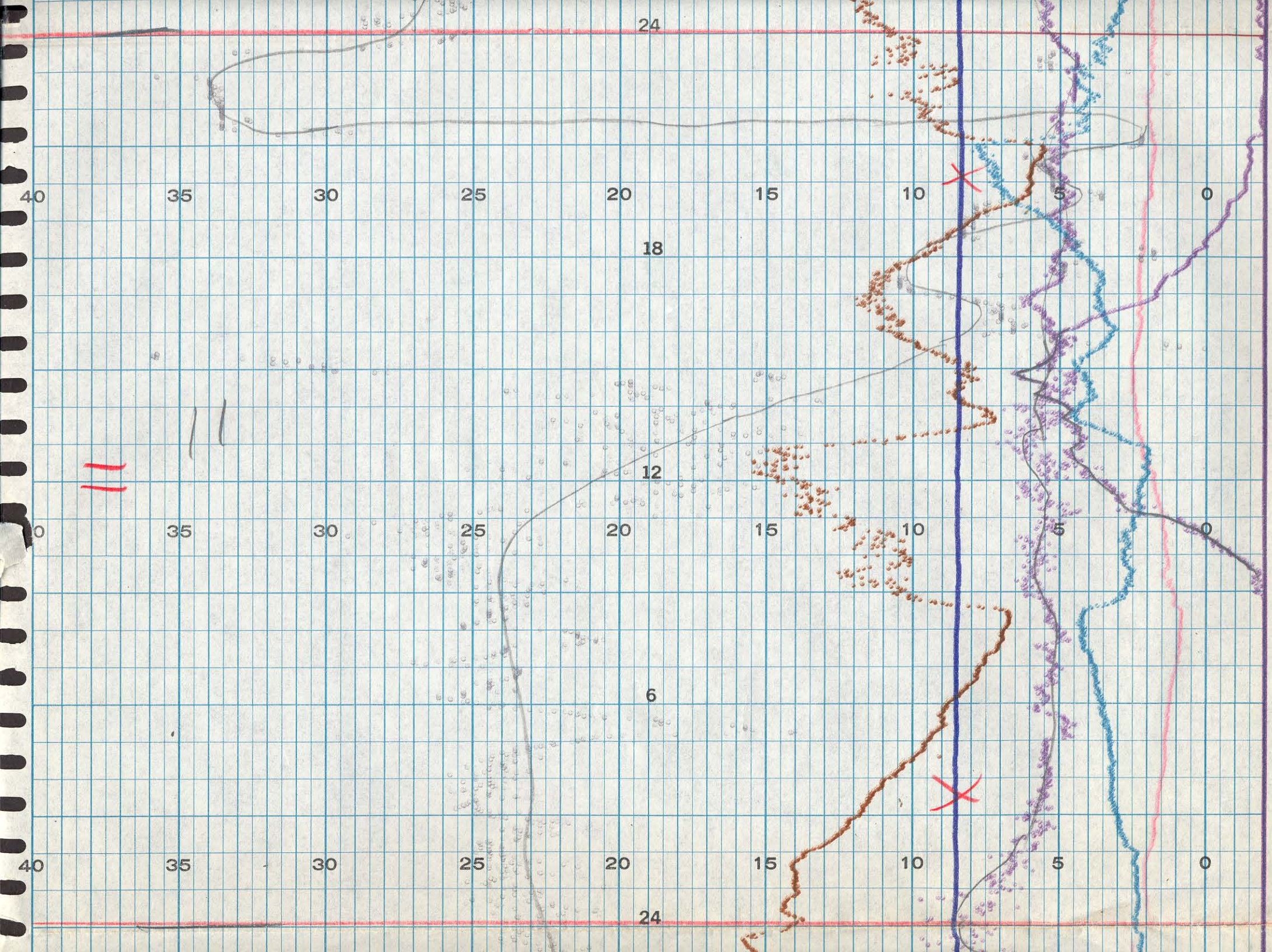


CHART NO. 5724 PRINTED IN U.S.A. MINNEAPOLIS-HONEYWELL REG. CO., BROWN INSTRUMENTS DIVISION, PHILADELPHIA, PA

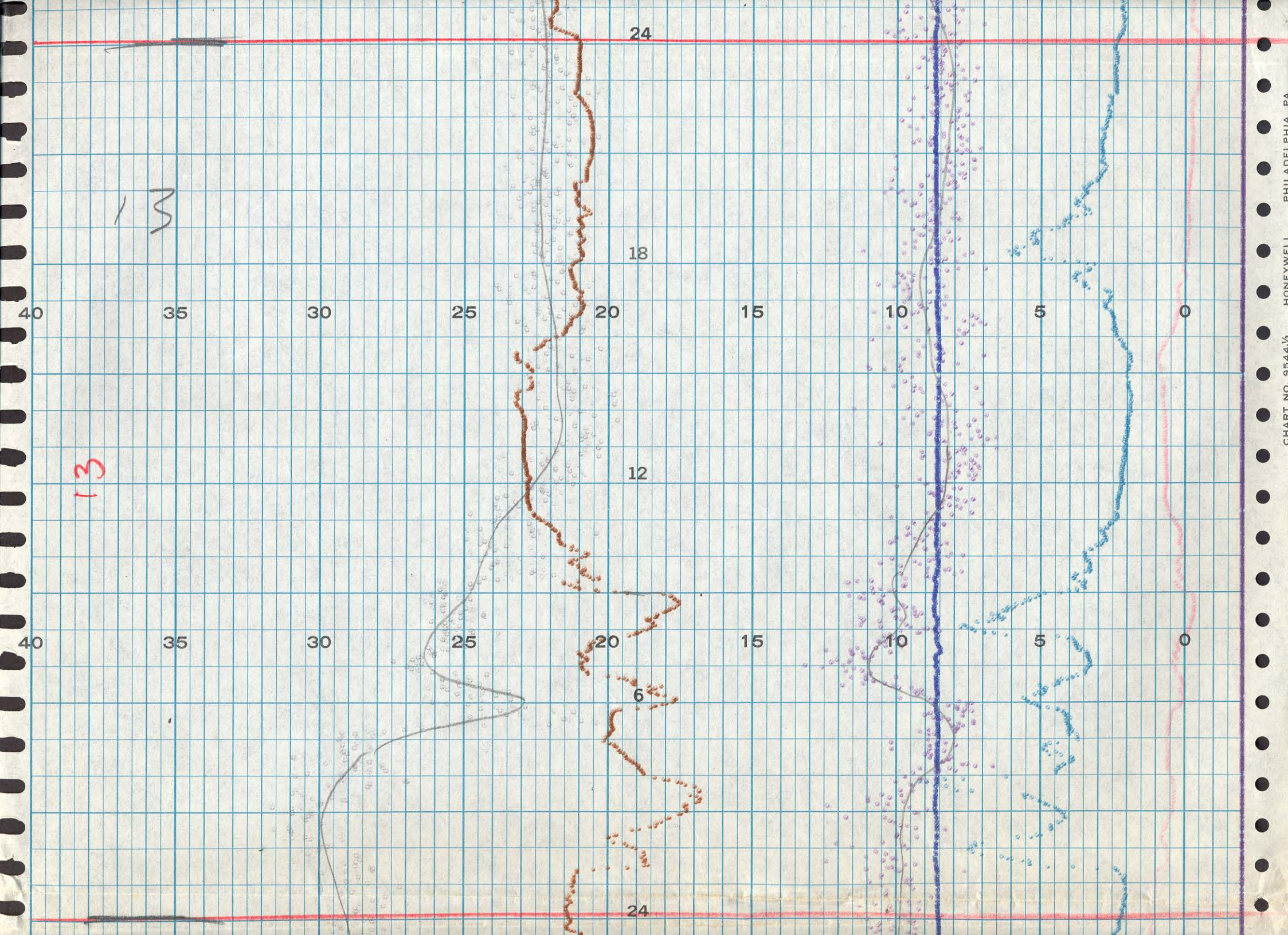

10
11
12
1
2
3
4
5
6
40
35
30
25
20
15
10
5
0
5
6
7
8
9
CHART NO. 5724
PRINTED IN U.S.A.
MINNEAPOLIS-HONEYW

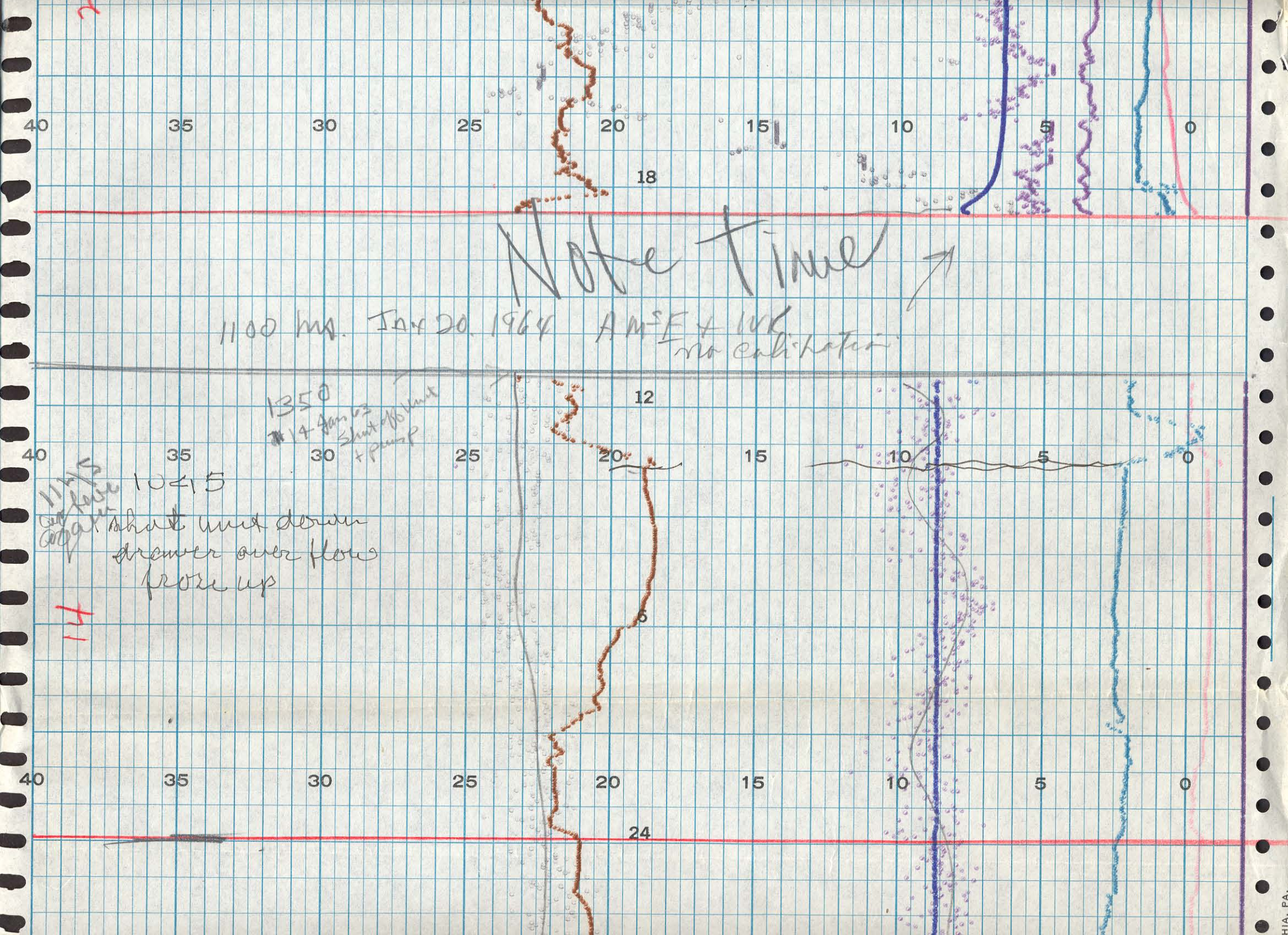


OLIS-HONEYWELL REG. CO., BROWN INSTRUMENTS DIVISION, PHILADELPHIA, PA
CHART NO. 9544-1/4 HONEYWELL PHILADELPHIA, PA


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

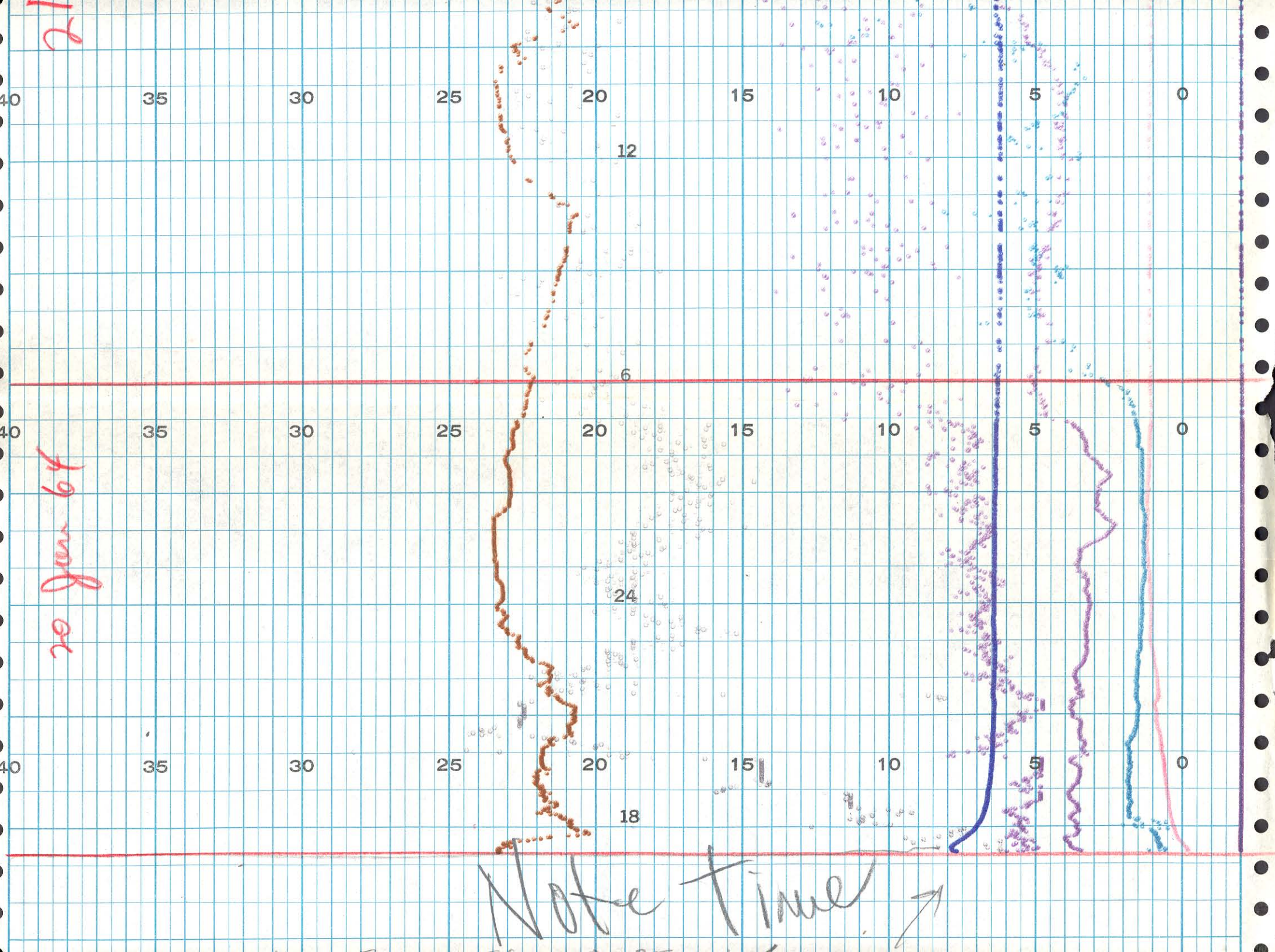
12
12
40
35
30
25
20
15
10
5
0
24
6
12
18
24
Air temp
Tide

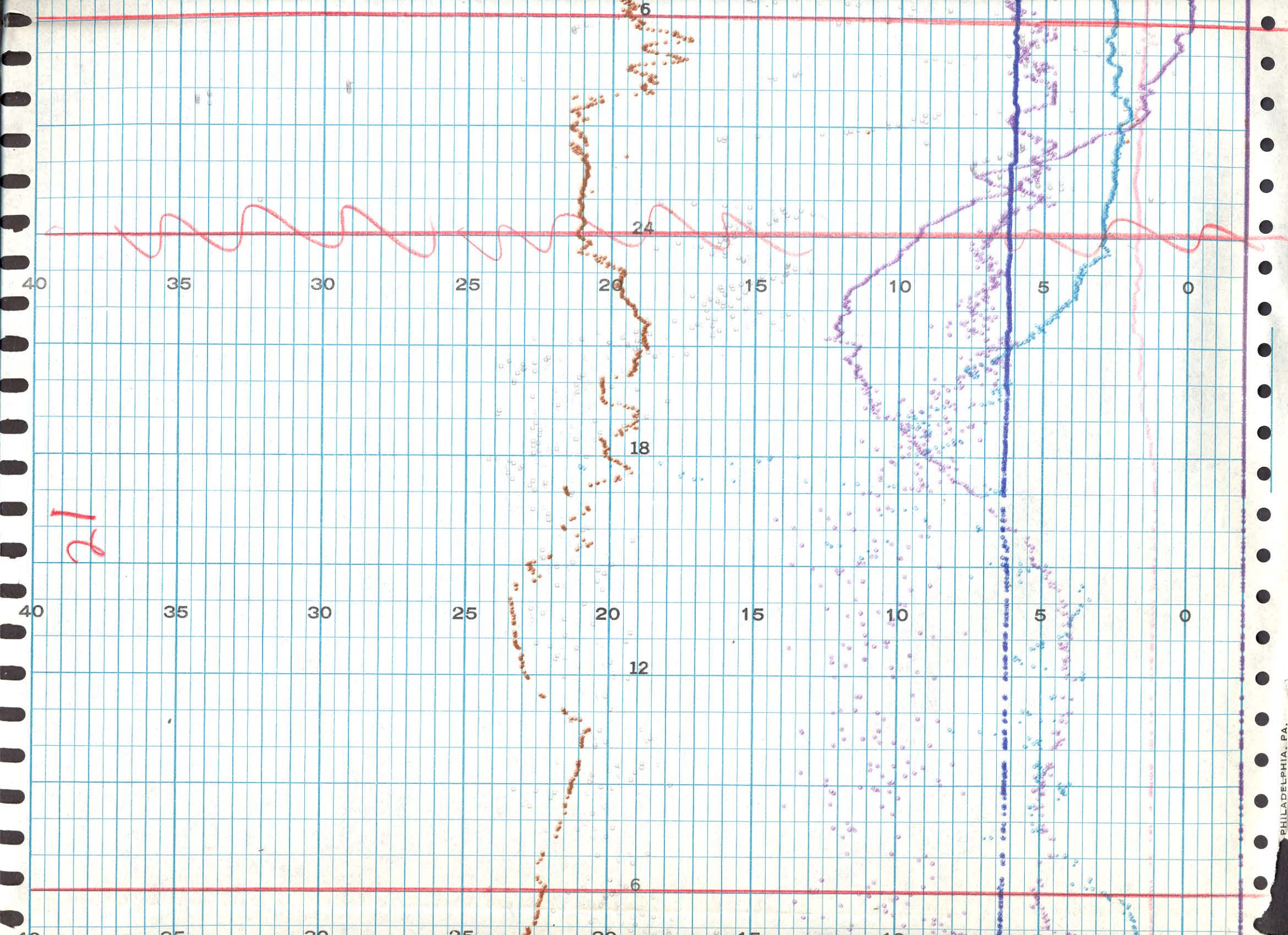

24
18
12
6
24
40
35
30
25
20
15
10
5
0
40
35
30
25
20
15
10
5
0
13
13
CHART NO. 9544½ HONEYWELL PHILADELPHIA, PA.

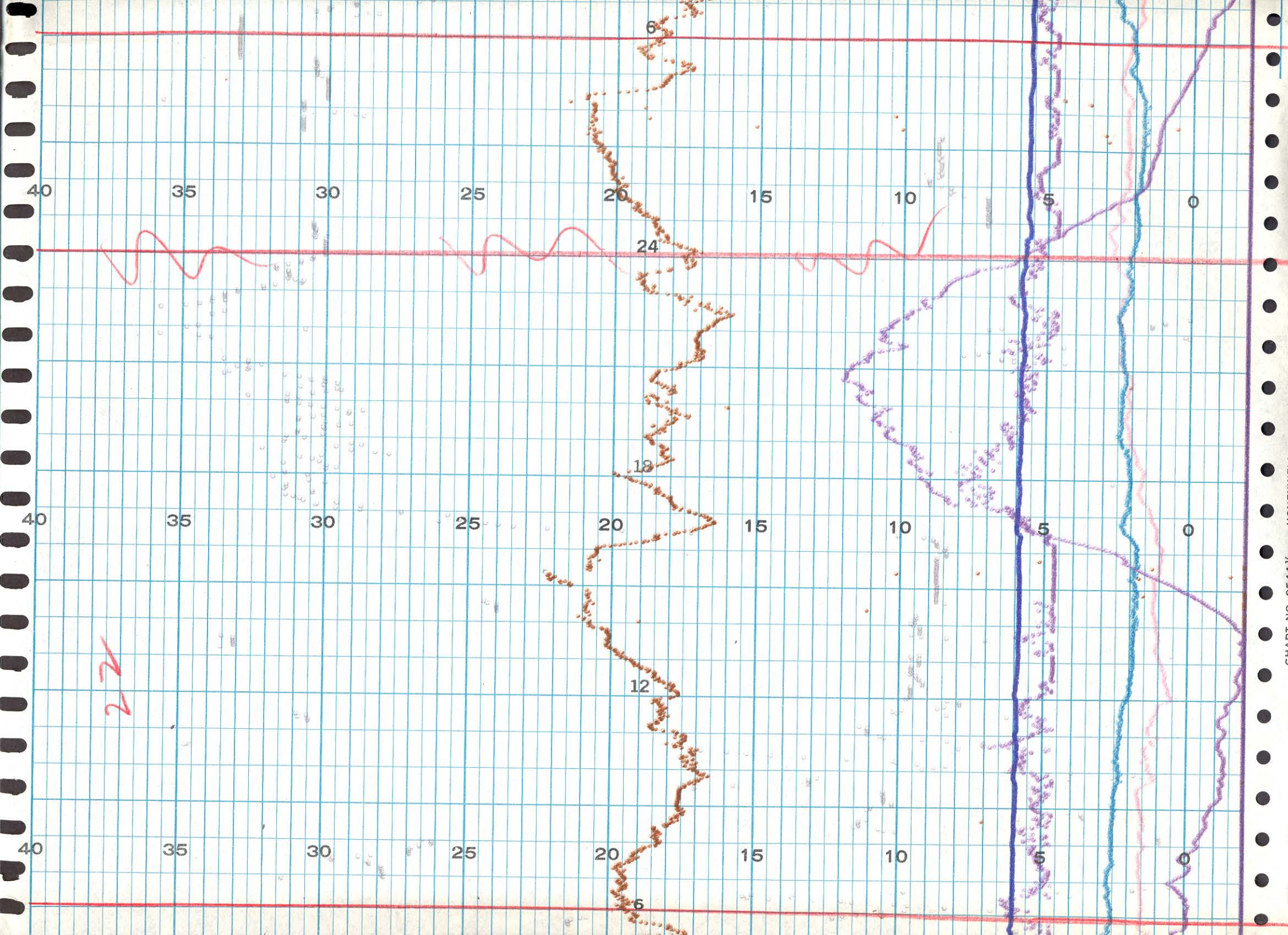

40 35 30 25 20 15 10 5 0
18
Note Time
1100 hrs. Jan 20 1964 AMSE + IVK
no calibration
12
1350
#14 Jan 63
Shut off Mist
+ pump
40 35 30 25 20 15 10 5 0
1115
1045
shut unit down
drawer over flow
prove up
40 35 30 25 20 15 10 5 0
24

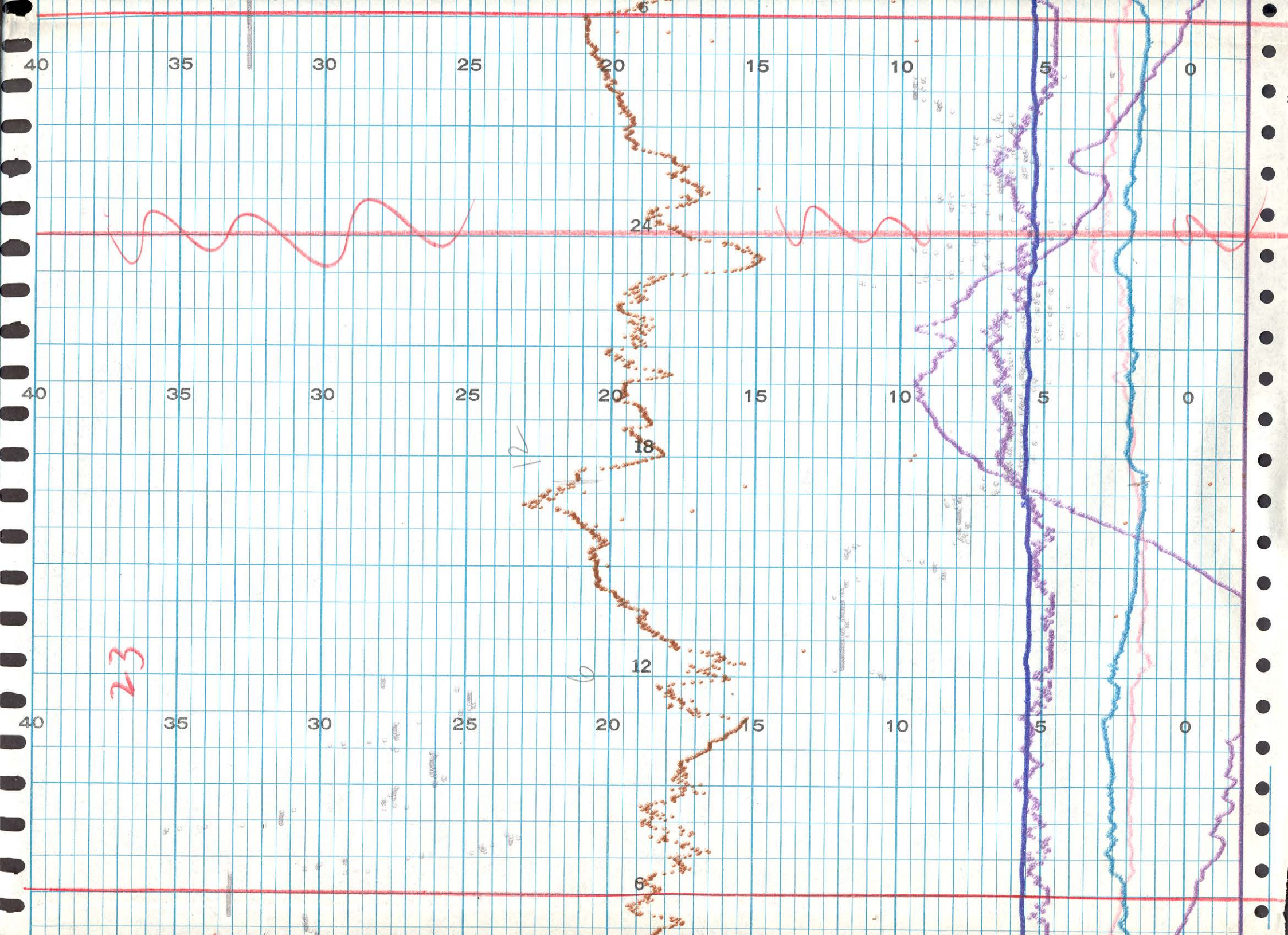
January 15-19, 1964

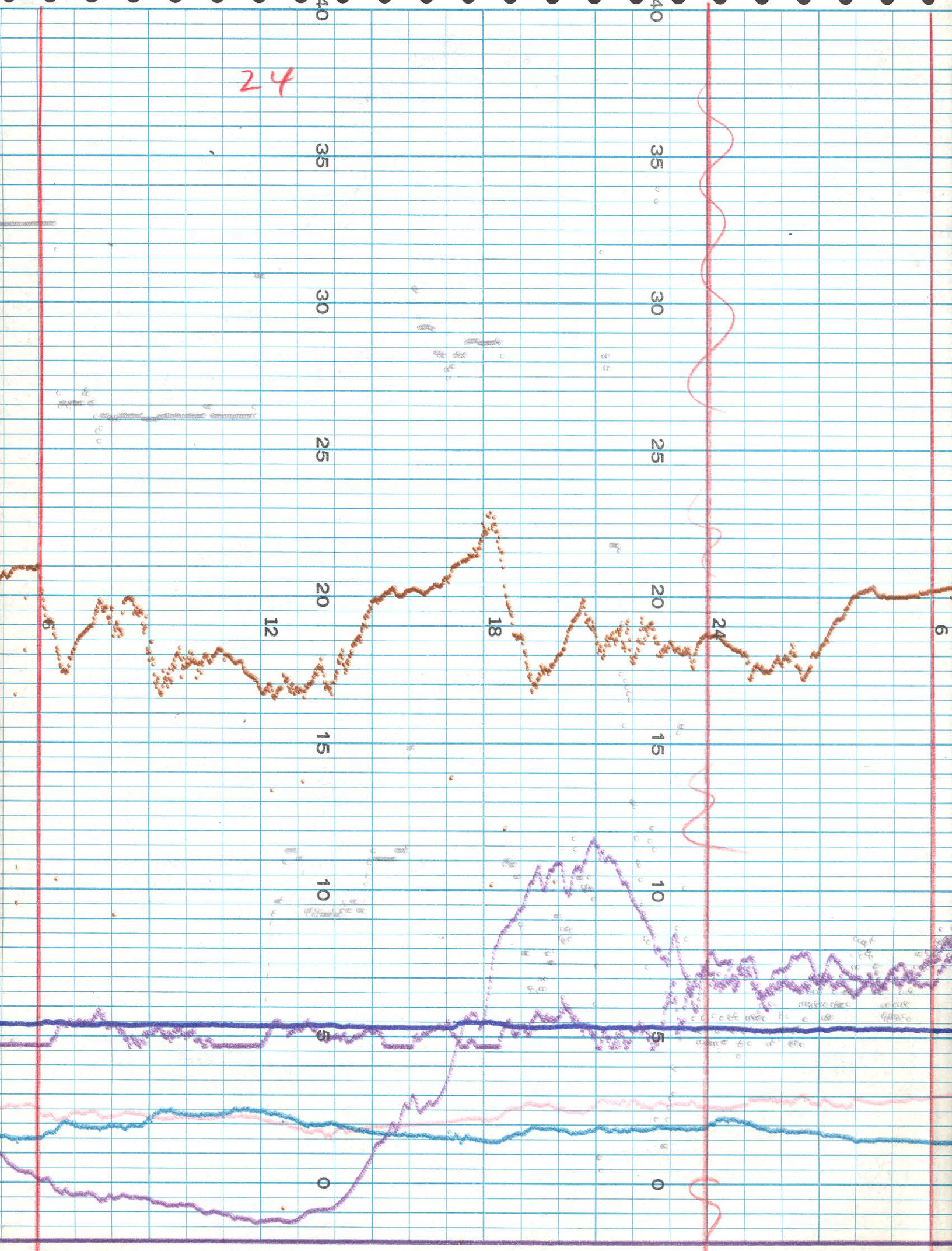
No Data


21
40
35
30
25
20
15
10
5
0
12
6
20 Jan 67
24
18
Note Time


6
24
40
35
30
25
20
15
10
5
0
18
12
6
PHILADELPHIA, PA.


6
24
18
12
6
40
35
30
25
20
15
10
5
0
22


40
35
30
25
20
15
10
5
0
24
18
12
6
23



HONEYWELL. PHILADELPHIA, PA.

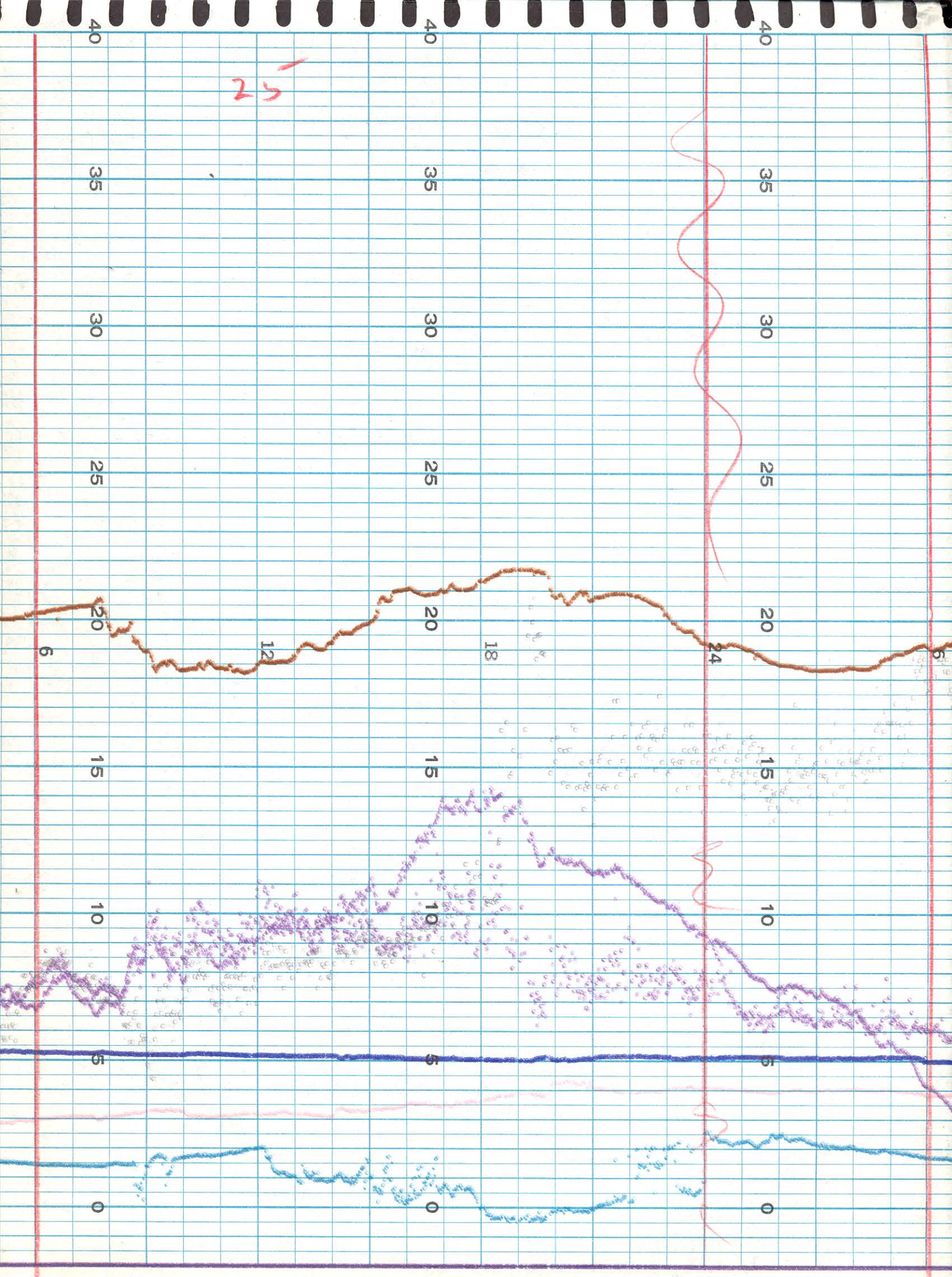
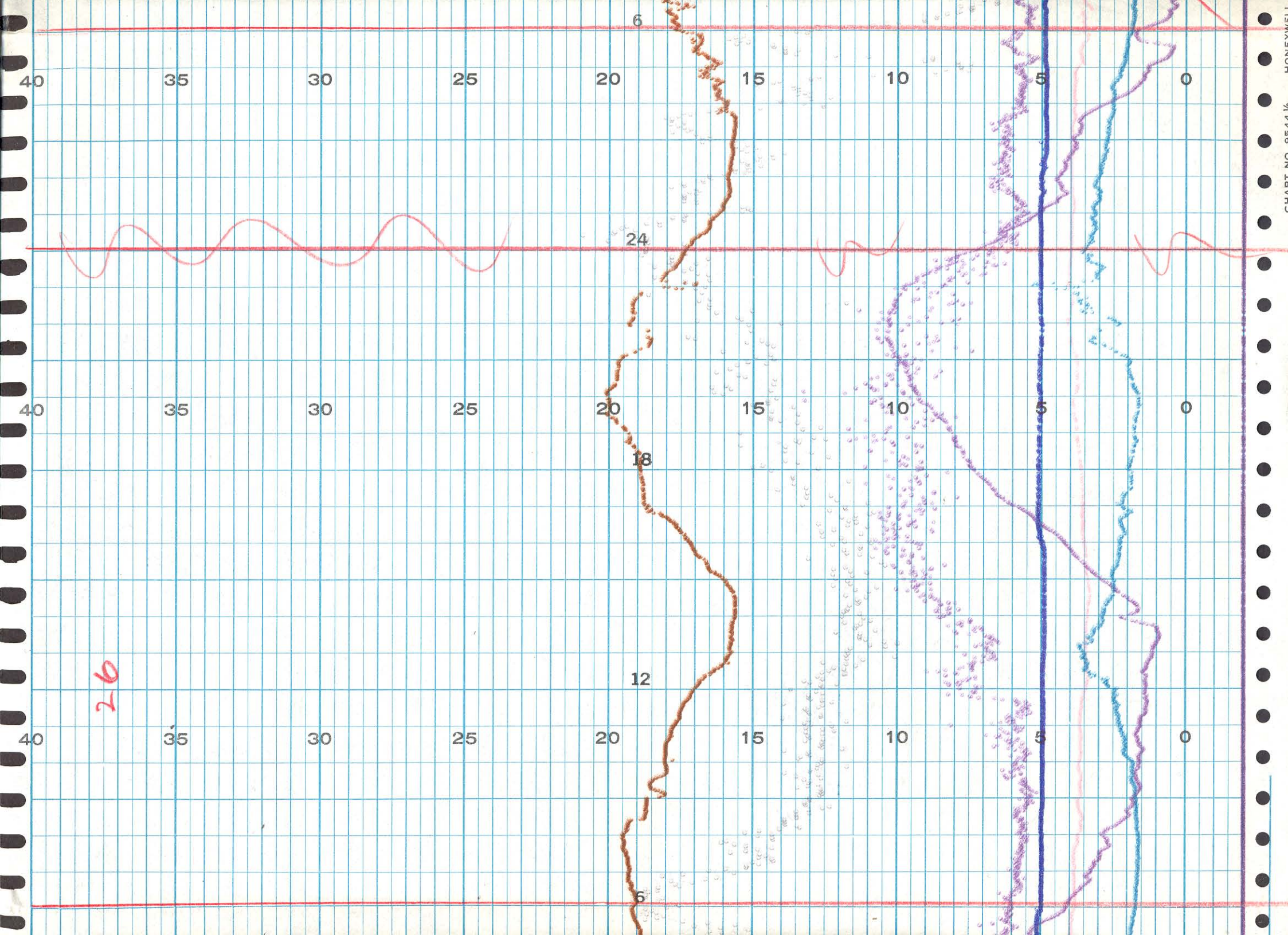
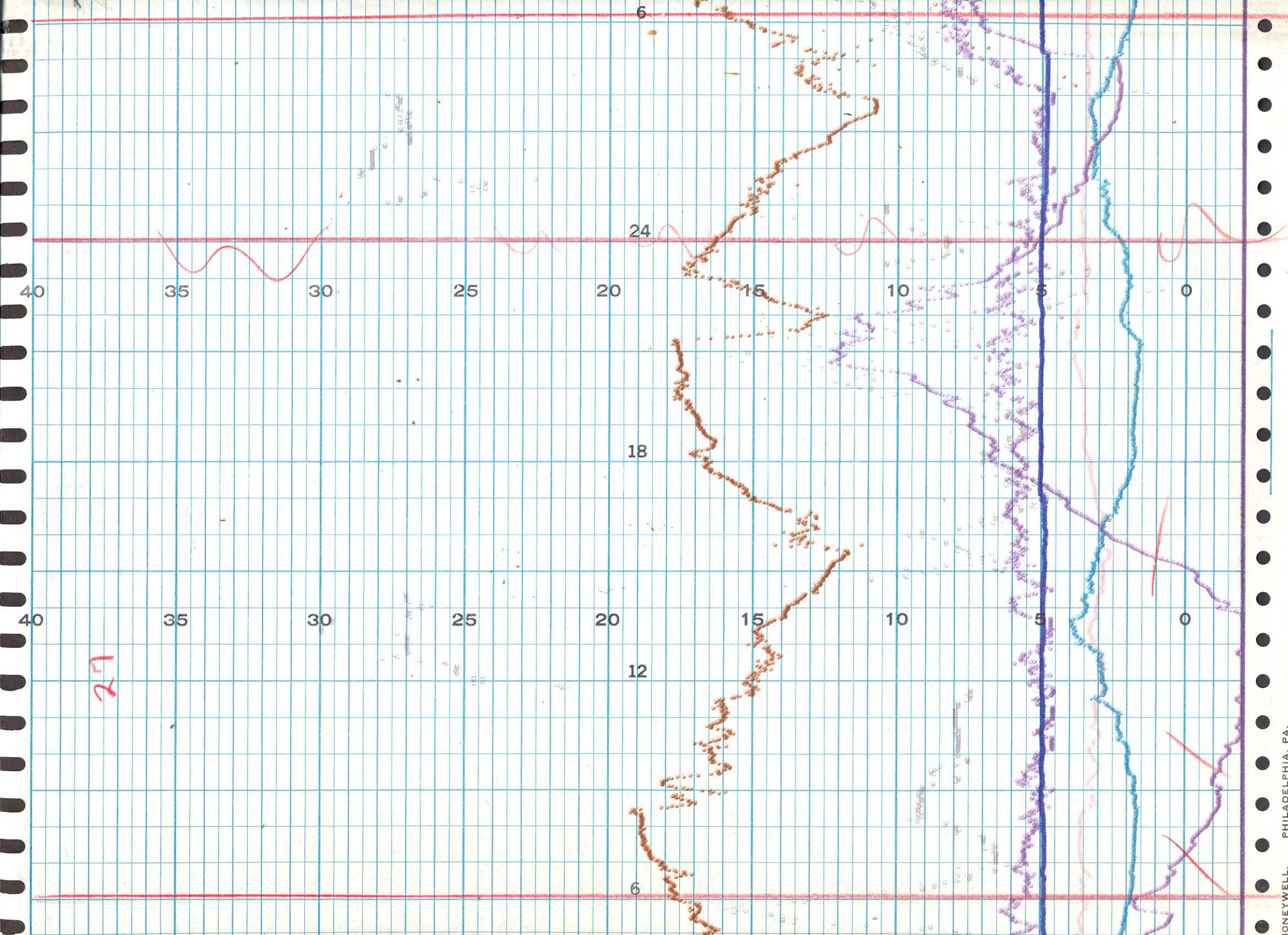
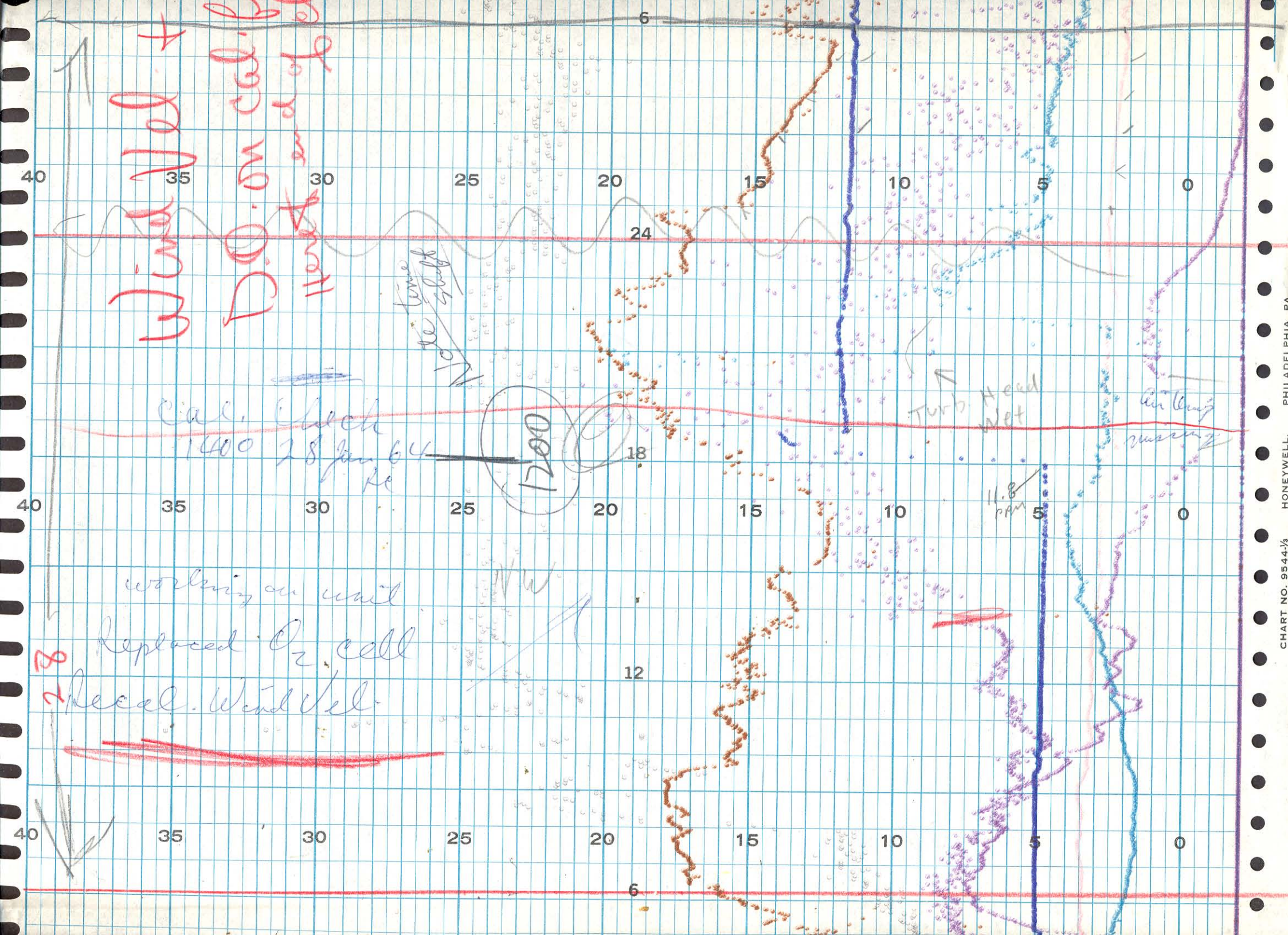
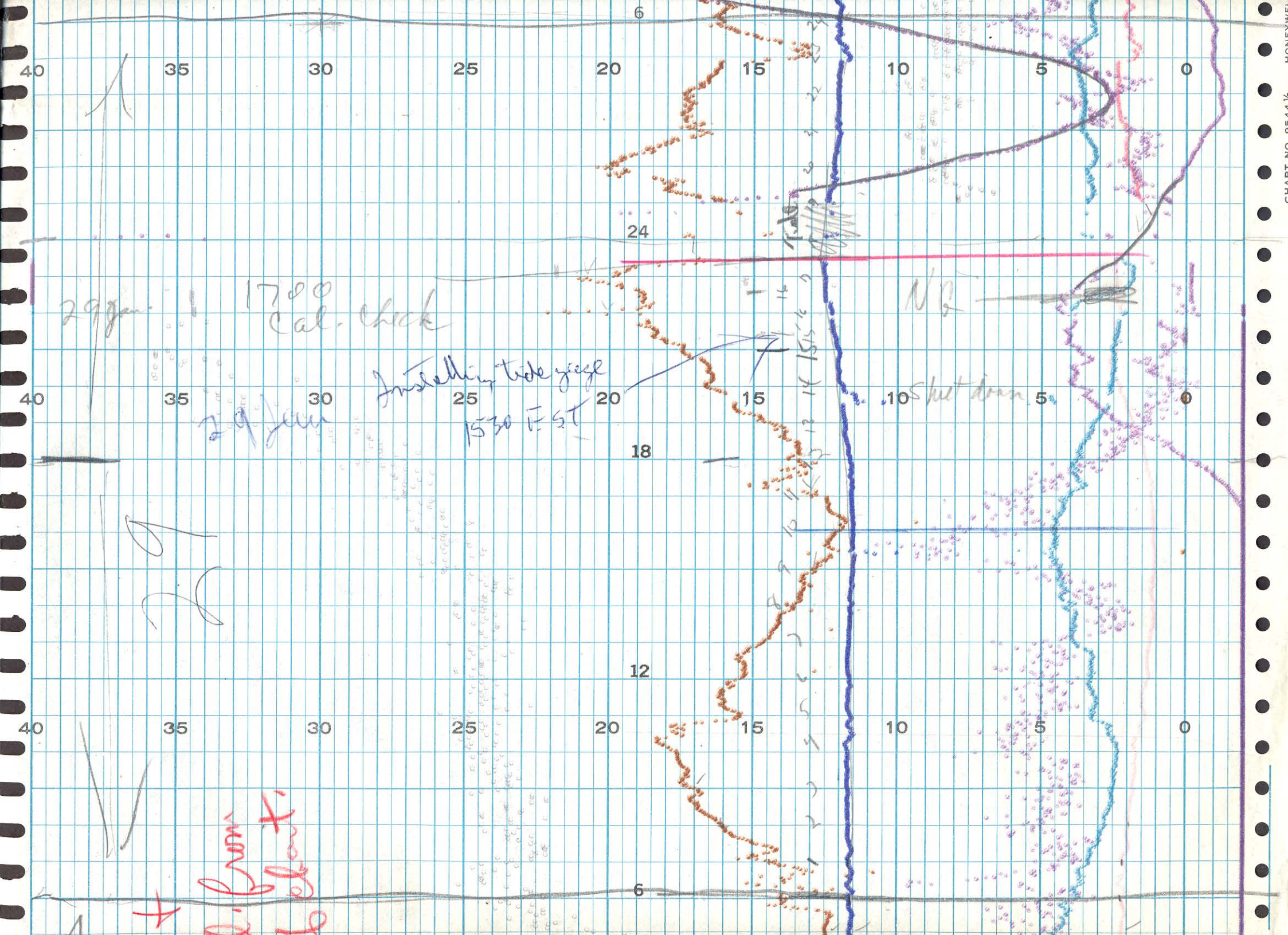


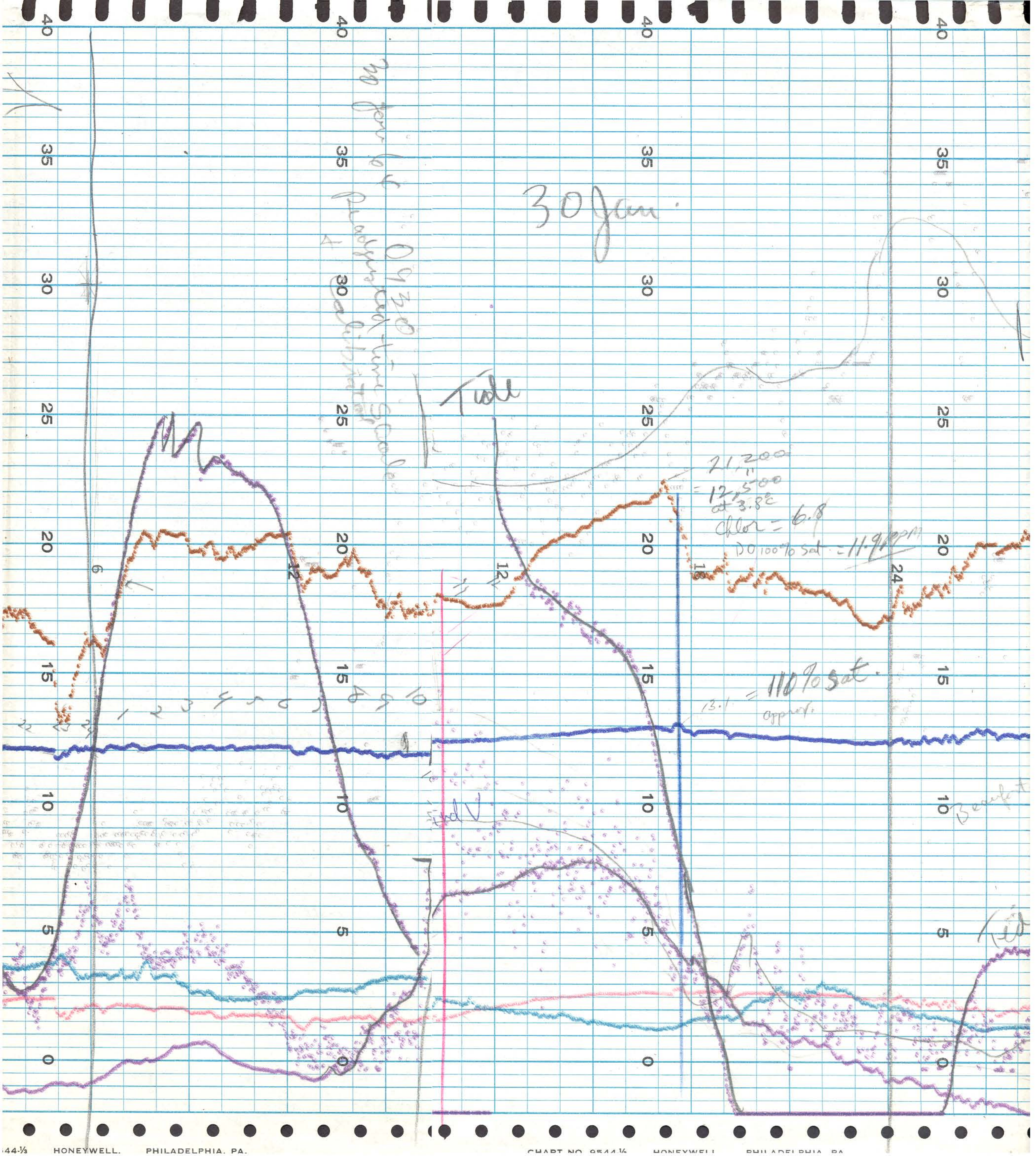
CHART NO. 9544-½ HONEYWELL PHILADELPHIA, PA.

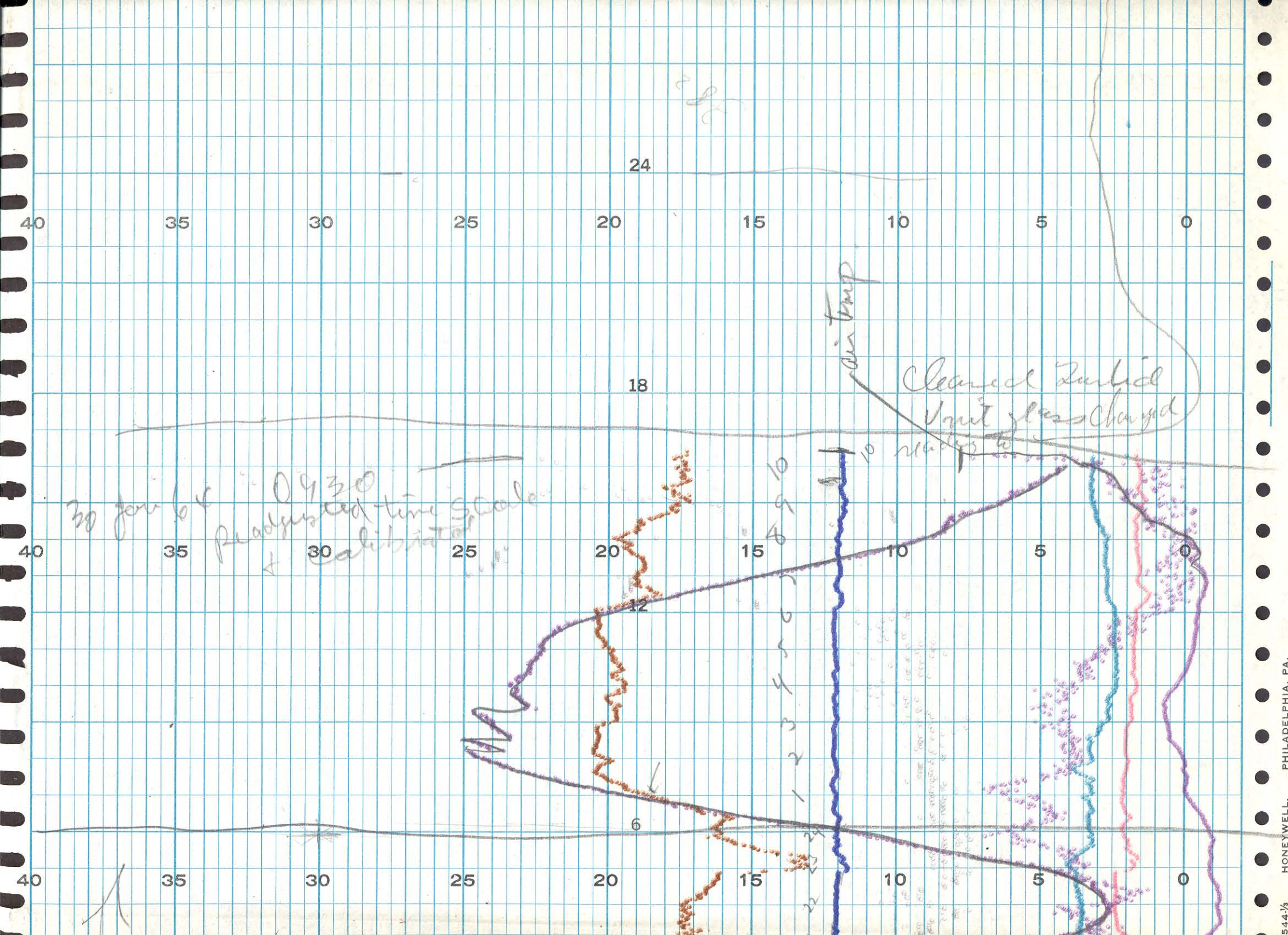

6
24
18
12
6
40
35
30
25
20
15
10
5
0
26


6
24
40
35
30
25
20
15
10
5
0
18
40
35
30
25
20
15
10
5
0
12
6
21
HONEYWELL, PHILADELPHIA, PA.


Cal. Check
1400 28 Jan 64
RC
1700
working on wall
Replaced O2 cell
Recal. Wind Vel
Turn Head Wet
11.8 PM
CHART NO. 9544-1/3
HONEYWELL
PHILADELPHIA, PA.


6
40 35 30 25 20 15 10 5 0
24
29 Jan 1700
Cal. Check
NG
Installing tide gage
1530 EST
29 Jan
Shut down
18
12
6


30 Jan
Tide
21,200
= 12,500 at 3.8°C
Chlor = 6.8
DO 100% Sat = 11.9 ppm
13.1 = 110% Sat.
approx.
Tide
Tide
40
35
30
25
20
15
10
5
0
6
12
18
24


24
18
12
6
40 35 30 25 20 15 10 5 0
air trap
Cleaned Zurlid
Vault glass changed
30 for 1 hr 0930
Readjusted time scale
+ calibration
10 9 8 7 6 5 4 3 2 1
HONEYWELL PHILADELPHIA, PA.
544-1/3

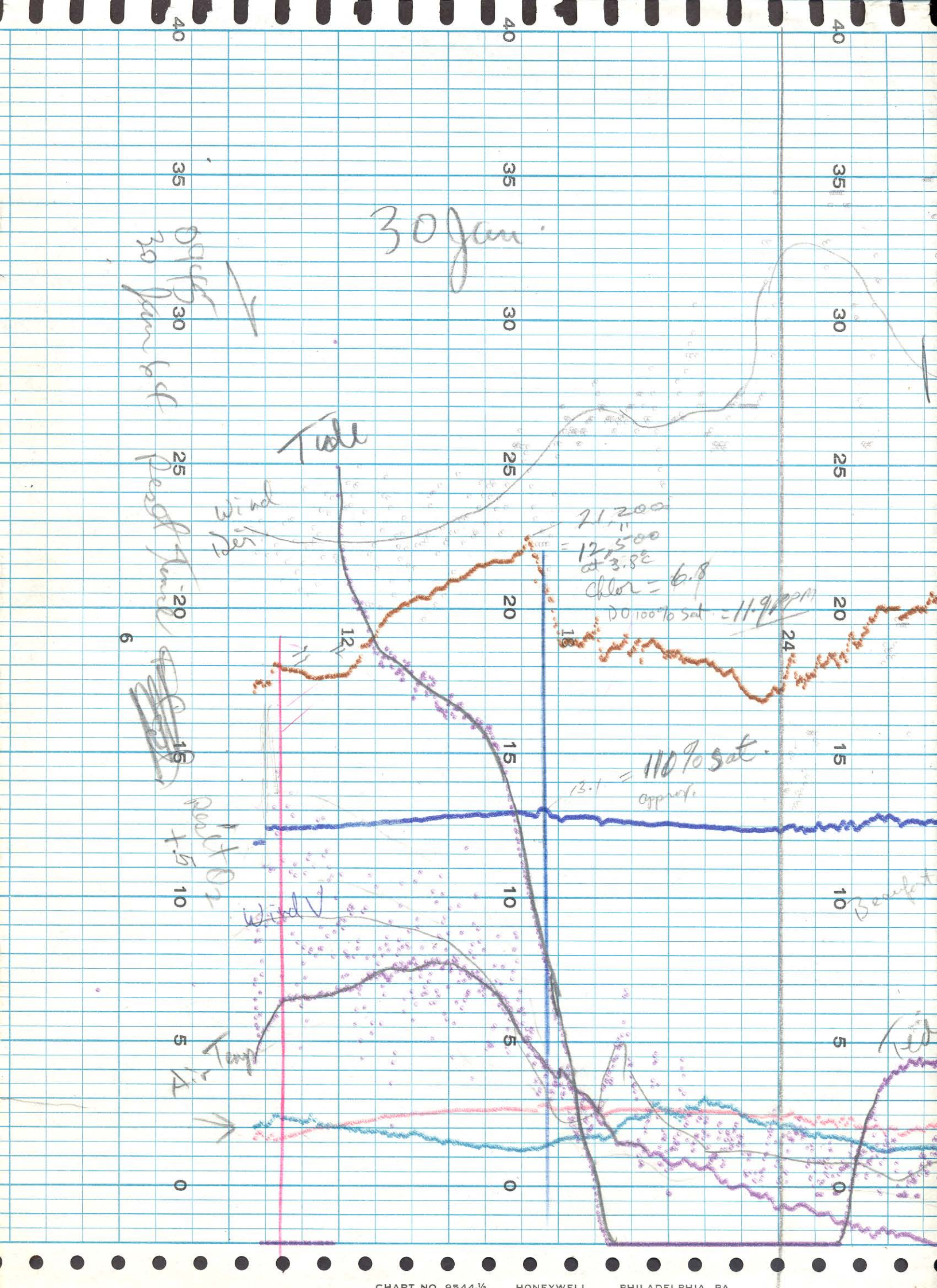
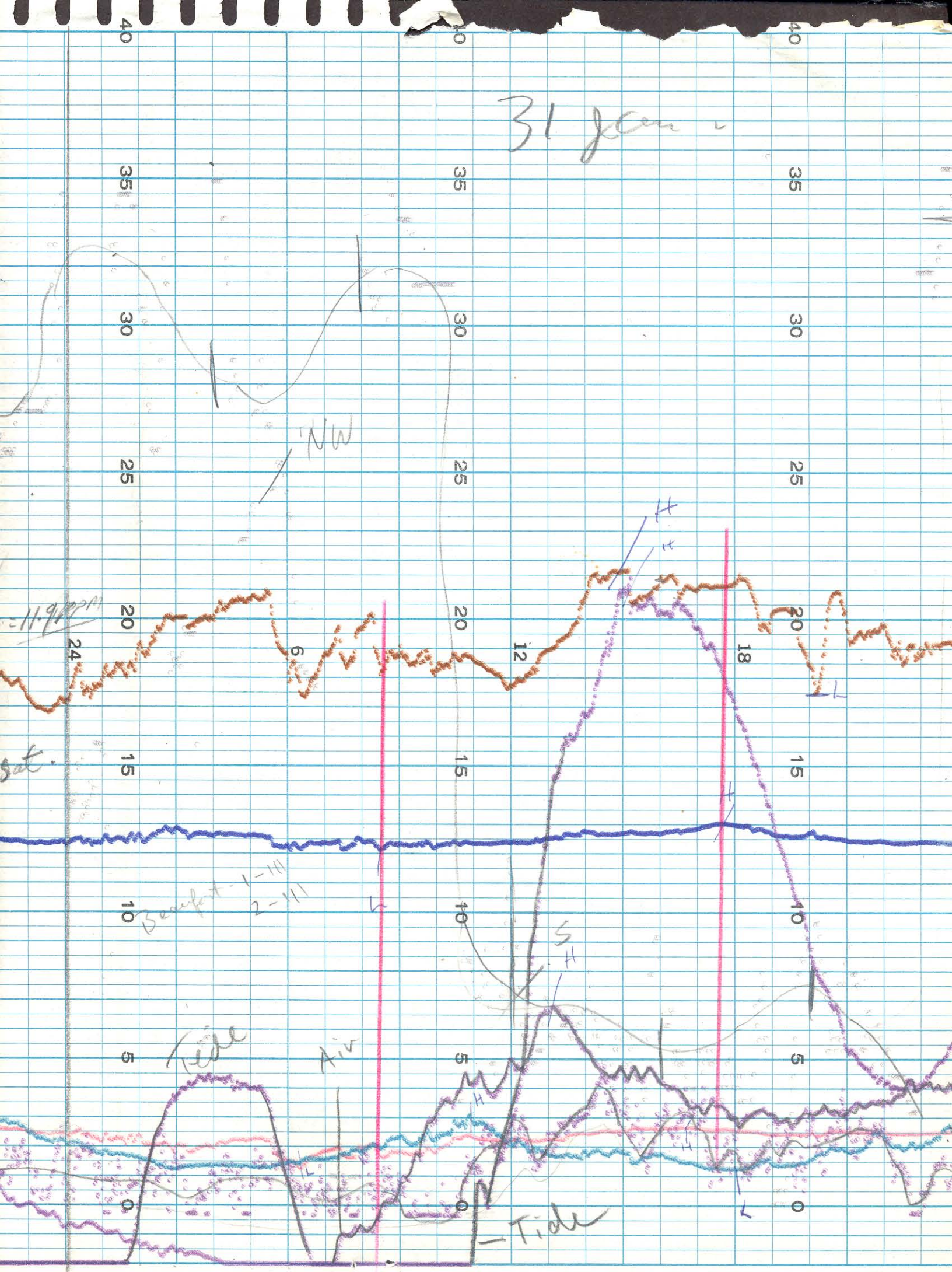


CHART NO. 9544½ HONEYWELL PHILADELPHIA, PA.


31 Jan
NW
Beaufort 1-11
2-11
Tide
Air
Tide
24
6
12
18
40
35
30
25
20
15
10
5
0

Turbidity JCU Honeywell	28	22	21
Turbidity Hellige	18	–	18
Tide Honeywell	–	–	7 chart 1.4
Tide Staff	–	$-\frac{1}{2}$	3.1 ft
Wind Vel. MPH Honeywell	32	~~18~~	18
Wind Vel. Air Speed Ind MPH	35	~~18~~	18
Wind Direc. Honeywell	350	~~NW~~	NW
Wind Direc. Air Speed Ind	350	~~NW~~	NW
Remarks	Replaced O_2 cell w/new one. Reset w/indgage, Honeywell turbidity = 75. Hellige = 60 recal. wind vel.		433-430 Reset O_2 t.5 12.5 12.4

See Book for Other Cal. Info

	1964		
Month	Jan	Jan	Jan
Day	28	29	30
Time Local	1400	1700	0930
Air Temp. C° Honeywell	0.8	2.3	3.5
Air Temp. C°	1.0	2.3	3.8
Water Temp. C° Honeywell	2.8	2.4	1.6
Water Temp. C°	2.9	2.4	1.5
Conductivity Micromhos ~~Honeywell~~	20,100 ~~17,900~~ ~~18,200~~	16,900	17,500
Conductivity Micromhos Serfass	~~18,200~~ 19,900 ~~18,000~~	17,000	980 17,300
Water Samp. Bottle No.	36		15
Dissolved O_2 Honeywell	11.9	12.4	11.8
Dissolved O_2 Winkler	11.8 12.1	12.8 12.9	12.5 12.4

B. Bridge surface
Patuxent R., Md. 7 Jan – 31 Jan 1964
D.O.NG
Wind Vel NG
Cal. sheet for 28, 29 + 30 inside
See last folder Cal