

[illegible]

Time	Lat	Long	Alt	Obs	Calc
11:14	11° 14'	158° 14'	11.1	11.1	11.1
11:15	11° 15'	158° 15'	11.1	11.1	11.1
11:16	11° 16'	158° 16'	11.1	11.1	11.1
11:17	11° 17'	158° 17'	11.1	11.1	11.1
11:18	11° 18'	158° 18'	11.1	11.1	11.1
11:19	11° 19'	158° 19'	11.1	11.1	11.1
11:20	11° 20'	158° 20'	11.1	11.1	11.1
11:21	11° 21'	158° 21'	11.1	11.1	11.1
11:22	11° 22'	158° 22'	11.1	11.1	11.1
11:23	11° 23'	158° 23'	11.1	11.1	11.1
11:24	11° 24'	158° 24'	11.1	11.1	11.1
11:25	11° 25'	158° 25'	11.1	11.1	11.1
11:26	11° 26'	158° 26'	11.1	11.1	11.1
11:27	11° 27'	158° 27'	11.1	11.1	11.1
11:28	11° 28'	158° 28'	11.1	11.1	11.1
11:29	11° 29'	158° 29'	11.1	11.1	11.1
11:30	11° 30'	158° 30'	11.1	11.1	11.1
11:31	11° 31'	158° 31'	11.1	11.1	11.1
11:32	11° 32'	158° 32'	11.1	11.1	11.1
11:33	11° 33'	158° 33'	11.1	11.1	11.1
11:34	11° 34'	158° 34'	11.1	11.1	11.1
11:35	11° 35'	158° 35'	11.1	11.1	11.1
11:36	11° 36'	158° 36'	11.1	11.1	11.1
11:37	11° 37'	158° 37'	11.1	11.1	11.1
11:38	11° 38'	158° 38'	11.1	11.1	11.1
11:39	11° 39'	158° 39'	11.1	11.1	11.1
11:40	11° 40'	158° 40'	11.1	11.1	11.1
11:41	11° 41'	158° 41'	11.1	11.1	11.1
11:42	11° 42'	158° 42'	11.1	11.1	11.1
11:43	11° 43'	158° 43'	11.1	11.1	11.1
11:44	11° 44'	158° 44'	11.1	11.1	11.1
11:45	11° 45'	158° 45'	11.1	11.1	11.1
11:46	11° 46'	158° 46'	11.1	11.1	11.1
11:47	11° 47'	158° 47'	11.1	11.1	11.1
11:48	11° 48'	158° 48'	11.1	11.1	11.1
11:49	11° 49'	158° 49'	11.1	11.1	11.1
11:50	11° 50'	158° 50'	11.1	11.1	11.1
11:51	11° 51'	158° 51'	11.1	11.1	11.1
11:52	11° 52'	158° 52'	11.1	11.1	11.1
11:53	11° 53'	158° 53'	11.1	11.1	11.1
11:54	11° 54'	158° 54'	11.1	11.1	11.1
11:55	11° 55'	158° 55'	11.1	11.1	11.1
11:56	11° 56'	158° 56'	11.1	11.1	11.1
11:57	11° 57'	158° 57'	11.1	11.1	11.1
11:58	11° 58'	158° 58'	11.1	11.1	11.1
11:59	11° 59'	158° 59'	11.1	11.1	11.1
12:00	12° 00'	159° 00'	11.1	11.1	11.1

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

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Category	Value	Unit
Water	1.5	liters
Food	2.0	kg
Medical supplies	1.0	kg
Personal items	1.0	kg
Tools	1.0	kg
Other	1.0	kg

$$\frac{d^2x}{dt^2} = -\frac{GM}{r^3} x$$

5

10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
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[illegible]

H^+ concentration = 1
 $\text{pH} = -\log 1 = 0$

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Order	Product	QTY	UNIT PRICE	TOTAL
1	1/2" x 1/2" x 1/2"	1	1.00	1.00
2	1/2" x 1/2" x 1/2"	1	1.00	1.00
3	1/2" x 1/2" x 1/2"	1	1.00	1.00
4	1/2" x 1/2" x 1/2"	1	1.00	1.00
5	1/2" x 1/2" x 1/2"	1	1.00	1.00
6	1/2" x 1/2" x 1/2"	1	1.00	1.00
7	1/2" x 1/2" x 1/2"	1	1.00	1.00
8	1/2" x 1/2" x 1/2"	1	1.00	1.00
9	1/2" x 1/2" x 1/2"	1	1.00	1.00
10	1/2" x 1/2" x 1/2"	1	1.00	1.00
11	1/2" x 1/2" x 1/2"	1	1.00	1.00
12	1/2" x 1/2" x 1/2"	1	1.00	1.00
13	1/2" x 1/2" x 1/2"	1	1.00	1.00
14	1/2" x 1/2" x 1/2"	1	1.00	1.00
15	1/2" x 1/2" x 1/2"	1	1.00	1.00
16	1/2" x 1/2" x 1/2"	1	1.00	1.00
17	1/2" x 1/2" x 1/2"	1	1.00	1.00
18	1/2" x 1/2" x 1/2"	1	1.00	1.00
19	1/2" x 1/2" x 1/2"	1	1.00	1.00
20	1/2" x 1/2" x 1/2"	1	1.00	1.00
21	1/2" x 1/2" x 1/2"	1	1.00	1.00
22	1/2" x 1/2" x 1/2"	1	1.00	1.00
23	1/2" x 1/2" x 1/2"	1	1.00	1.00
24	1/2" x 1/2" x 1/2"	1	1.00	1.00
25	1/2" x 1/2" x 1/2"	1	1.00	1.00
26	1/2" x 1/2" x 1/2"	1	1.00	1.00
27	1/2" x 1/2" x 1/2"	1	1.00	1.00
28	1/2" x 1/2" x 1/2"	1	1.00	1.00
29	1/2" x 1/2" x 1/2"	1	1.00	1.00
30	1/2" x 1/2" x 1/2"	1	1.00	1.00
31	1/2" x 1/2" x 1/2"	1	1.00	1.00
32	1/2" x 1/2" x 1/2"	1	1.00	1.00
33	1/2" x 1/2" x 1/2"	1	1.00	1.00
34	1/2" x 1/2" x 1/2"	1	1.00	1.00
35	1/2" x 1/2" x 1/2"	1	1.00	1.00
36	1/2" x 1/2" x 1/2"	1	1.00	1.00
37	1/2" x 1/2" x 1/2"	1	1.00	1.00
38	1/2" x 1/2" x 1/2"	1	1.00	1.00
39	1/2" x 1/2" x 1/2"	1	1.00	1.00
40	1/2" x 1/2" x 1/2"	1	1.00	1.00
41	1/2" x 1/2" x 1/2"	1	1.00	1.00
42	1/2" x 1/2" x 1/2"	1	1.00	1.00
43	1/2" x 1/2" x 1/2"	1	1.00	1.00
44	1/2" x 1/2" x 1/2"	1	1.00	1.00
45	1/2" x 1/2" x 1/2"	1	1.00	1.00
46	1/2" x 1/2" x 1/2"	1	1.00	1.00
47	1/2" x 1/2" x 1/2"	1	1.00	1.00
48	1/2" x 1/2" x 1/2"	1	1.00	1.00
49	1/2" x 1/2" x 1/2"	1	1.00	1.00
50	1/2" x 1/2" x 1/2"	1	1.00	1.00
51	1/2" x 1/2" x 1/2"	1	1.00	1.00
52	1/2" x 1/2" x 1/2"	1	1.00	1.00
53	1/2" x 1/2" x 1/2"	1	1.00	1.00
54	1/2" x 1/2" x 1/2"	1	1.00	1.00
55	1/2" x 1/2" x 1/2"	1	1.00	1.00
56	1/2" x 1/2" x 1/2"	1	1.00	1.00
57	1/2" x 1/2" x 1/2"	1	1.00	1.00
58	1/2" x 1/2" x 1/2"	1	1.00	1.00
59	1/2" x 1/2" x 1/2"	1	1.00	1.00
60	1/2" x 1/2" x 1/2"	1	1.00	1.00
61	1/2" x 1/2" x 1/2"	1	1.00	1.00
62	1/2" x 1/2" x 1/2"	1	1.00	1.00
63	1/2" x 1/2" x 1/2"	1	1.00	1.00
64	1/2" x 1/2" x 1/2"	1	1.00	1.00
65				

$$\begin{aligned} \ln \frac{b}{a} &= \ln \frac{1}{1} \\ \ln 1 &= 0 \end{aligned}$$


Time	Temp	Pressure	Flow	Volume	Weight	Concentration	Notes
10:00 AM	25.0	101.3	1.0	1.0	1.0	1.0	Initial conditions
10:15 AM	25.5	101.5	1.0	1.0	1.0	1.0	Stable conditions
10:30 AM	26.0	101.8	1.0	1.0	1.0	1.0	Stable conditions
10:45 AM	26.5	102.0	1.0	1.0	1.0	1.0	Stable conditions
11:00 AM	27.0	102.2	1.0	1.0	1.0	1.0	Stable conditions
11:15 AM	27.5	102.5	1.0	1.0	1.0	1.0	Stable conditions
11:30 AM	28.0	102.8	1.0	1.0	1.0	1.0	Stable conditions
11:45 AM	28.5	103.0	1.0	1.0	1.0	1.0	Stable conditions
12:00 PM	29.0	103.2	1.0	1.0	1.0	1.0	Stable conditions
12:15 PM	29.5	103.5	1.0	1.0	1.0	1.0	Stable conditions
12:30 PM	30.0	103.8	1.0	1.0	1.0	1.0	Stable conditions
12:45 PM	30.5	104.0	1.0	1.0	1.0	1.0	Stable conditions
1:00 PM	31.0	104.2	1.0	1.0	1.0	1.0	Stable conditions
1:15 PM	31.5	104.5	1.0	1.0	1.0	1.0	Stable conditions
1:30 PM	32.0	104.8	1.0	1.0	1.0	1.0	Stable conditions
1:45 PM	32.5	105.0	1.0	1.0	1.0	1.0	Stable conditions
2:00 PM	33.0	105.2	1.0	1.0	1.0	1.0	Stable conditions
2:15 PM	33.5	105.5	1.0	1.0	1.0	1.0	Stable conditions
2:30 PM	34.0	105.8	1.0	1.0	1.0	1.0	Stable conditions
2:45 PM	34.5	106.0	1.0	1.0	1.0	1.0	Stable conditions
3:00 PM	35.0	106.2	1.0	1.0	1.0	1.0	Stable conditions
3:15 PM	35.5	106.5	1.0	1.0	1.0	1.0	Stable conditions
3:30 PM	36.0	106.8	1.0	1.0	1.0	1.0	Stable conditions
3:45 PM	36.5	107.0	1.0	1.0	1.0	1.0	Stable conditions
4:00 PM	37.0	107.2	1.0	1.0	1.0	1.0	Stable conditions
4:15 PM	37.5	107.5	1.0	1.0	1.0	1.0	Stable conditions
4:30 PM	38.0	107.8	1.0	1.0	1.0	1.0	Stable conditions
4:45 PM	38.5	108.0	1.0	1.0	1.0	1.0	Stable conditions
5:00 PM	39.0	108.2	1.0	1.0	1.0	1.0	Stable conditions
5:15 PM	39.5	108.5	1.0	1.0	1.0	1.0	Stable conditions
5:30 PM	40.0	108.8	1.0	1.0	1.0	1.0	Stable conditions
5:45 PM	40.5	109.0	1.0	1.0	1.0	1.0	Stable conditions
6:00 PM	41.0	109.2	1.0	1.0	1.0	1.0	Stable conditions
6:15 PM	41.5	109.5	1.0	1.0	1.0	1.0	Stable conditions
6:30 PM	42.0	109.8	1.0	1.0	1.0	1.0	Stable conditions
6:45 PM	42.5	110.0	1.0	1.0	1.0	1.0	Stable conditions
7:00 PM	43.0	110.2	1.0	1.0	1.0	1.0	Stable conditions
7:15 PM	43.5	110.5	1.0	1.0	1.0	1.0	Stable conditions
7:30 PM	44.0	110.8	1.0	1.0	1.0	1.0	Stable conditions
7:45 PM	44.5	111.0	1.0	1.0	1.0	1.0	Stable conditions
8:00 PM	45.0	111.2	1.0	1.0	1.0	1.0	Stable conditions
8:15 PM	45.5	111.5	1.0	1.0	1.0	1.0	Stable conditions
8:30 PM	46.0	111.8	1.0	1.0	1.0	1.0	Stable conditions
8:45 PM	46.5	112.0	1.0	1.0	1.0	1.0	Stable conditions
9:00 PM	47.0	112.2	1.0	1.0	1.0	1.0	Stable conditions
9:15 PM	47.5	112.5	1.0	1.0	1.0	1.0	Stable conditions
9:30 PM	48.0	112.8	1.0	1.0	1.0	1.0	Stable conditions
9:45 PM	48.5	113.0	1.0	1.0	1.		

1. $\frac{1}{2}$
 2. $\frac{1}{4}$
 3. $\frac{1}{8}$
 4. $\frac{1}{16}$
 5. $\frac{1}{32}$
 6. $\frac{1}{64}$
 7. $\frac{1}{128}$
 8. $\frac{1}{256}$
 9. $\frac{1}{512}$
 10. $\frac{1}{1024}$
 11. $\frac{1}{2048}$
 12. $\frac{1}{4096}$
 13. $\frac{1}{8192}$
 14. $\frac{1}{16384}$
 15. $\frac{1}{32768}$
 16. $\frac{1}{65536}$
 17. $\frac{1}{131072}$
 18. $\frac{1}{262144}$
 19. $\frac{1}{524288}$
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 114. $\frac{1}{20769187434139310514121985316880384}$
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A/E-4174

AB-5500458893
M-7487007897

AB-47180702
1783

Mb-Dne071238
AM-365042195
83

10 2/3

10 1/2

10 1/4

10 1/8

10 1/16

14 2/3

8 1/2