

9-6-51

Boiling Point vs Altitude

Slope = -1.84 deg F. per 1000 ft

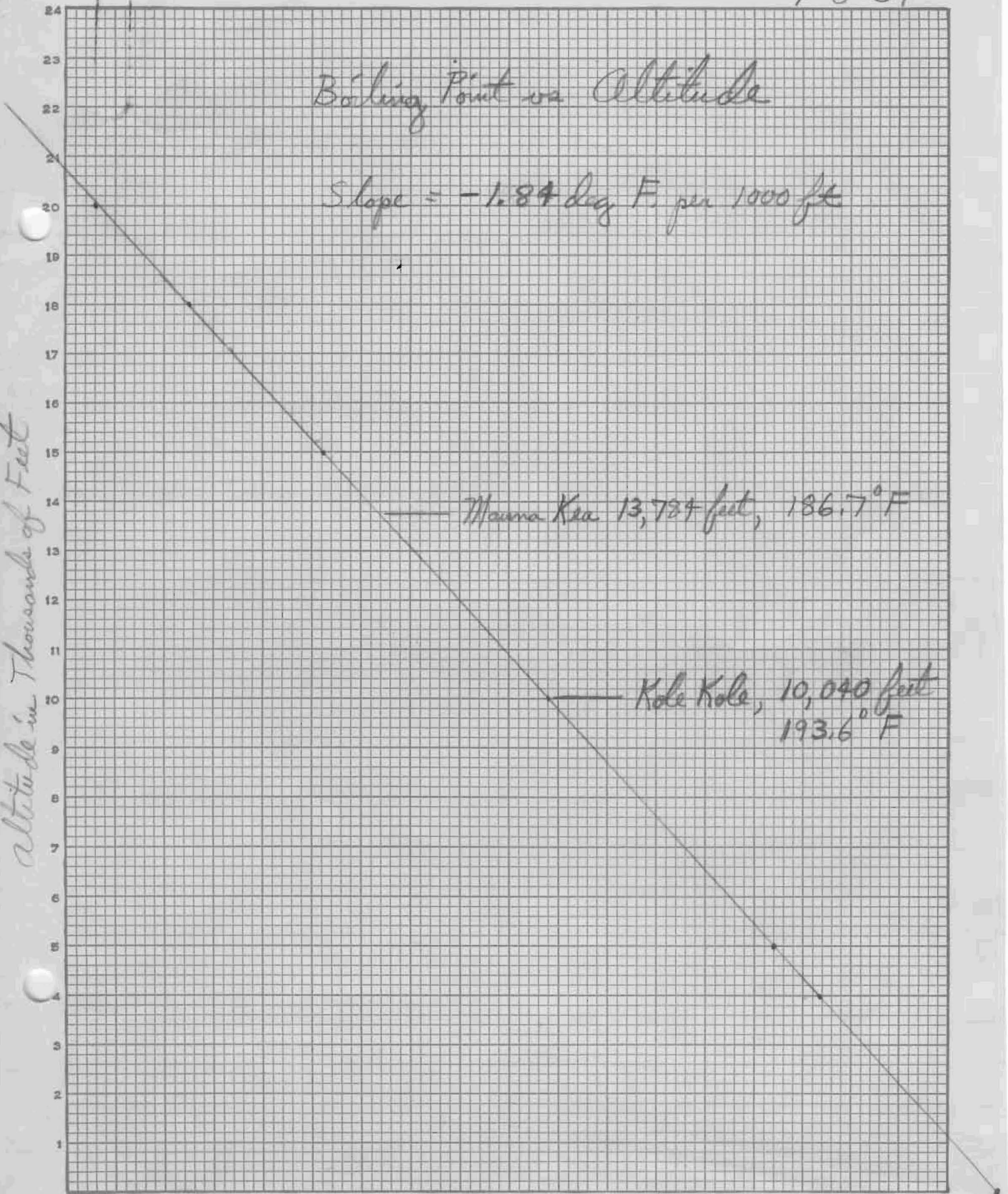
Altitude in Thousands of Feet

Mauna Kea 13,784 feet, 186.7° F

Kole Kole, 10,040 feet
 193.6° F

174 6 8 180 2 4 6 8 190 2 4 6 8 200 2 4 6 8 210 212

Degrees Fahrenheit

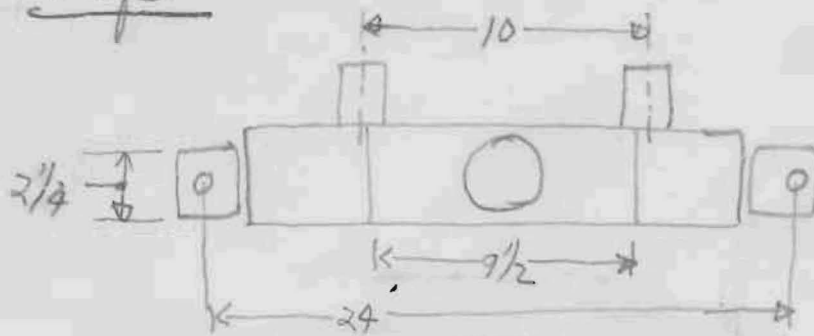


Altitude in feet	Boiling point Dry F	Pressure inches of Hg.	Milibar	Mm. of Mercury
0	212.0	29.92	1013	760.0
5000	202.8	24.89	843	632
10000	193.6	20.58	697	522
15000	184.5	16.88	571	429
20000	175.2	13.75	459	349
30000		8.88	300	226
40000		5.54	188	141
50000		3.44	116	87.4

Height in Feet	Boiling Point Deg F	Pressure:			
		Pounds per square inch	Inches of Mercury	Millibars	Mm. of Mercury
Surface	212.0	14.70	29.92	1,013.2	760.0
9,000	204.7	12.69	25.84	875.1	656
10,000	193.6	10.11	20.58	696.8	522
18,000	179.0	7.34	14.94	506.0	380
35,000		3.46	7.04	238.4	179
50,000		1.68	3.44	116.0	87.4

Temp		Vapor Pressure
Deg C	Deg F	Mm. of Hg.
		787.57
101	213.8	760.00
100	212.0	733.24
99	210.2	707.27
98	208.4	682.07
97	206.6	657.62
96	204.8	633.90
95	203.0	610.90
94	201.2	588.60
93	199.4	566.99
92	197.6	546.05
91	195.8	525.76
90	194.0	506.01
89	192.2	487.1
88	190.4	468.7
87	188.6	450.9
86	186.8	433.6
85	185.0	416.8
84	183.2	400.6
83	181.4	384.9
82	179.6	369.7
81	177.8	355.1
80	176.0	341.0
79	174.2	327.3
78	172.4	

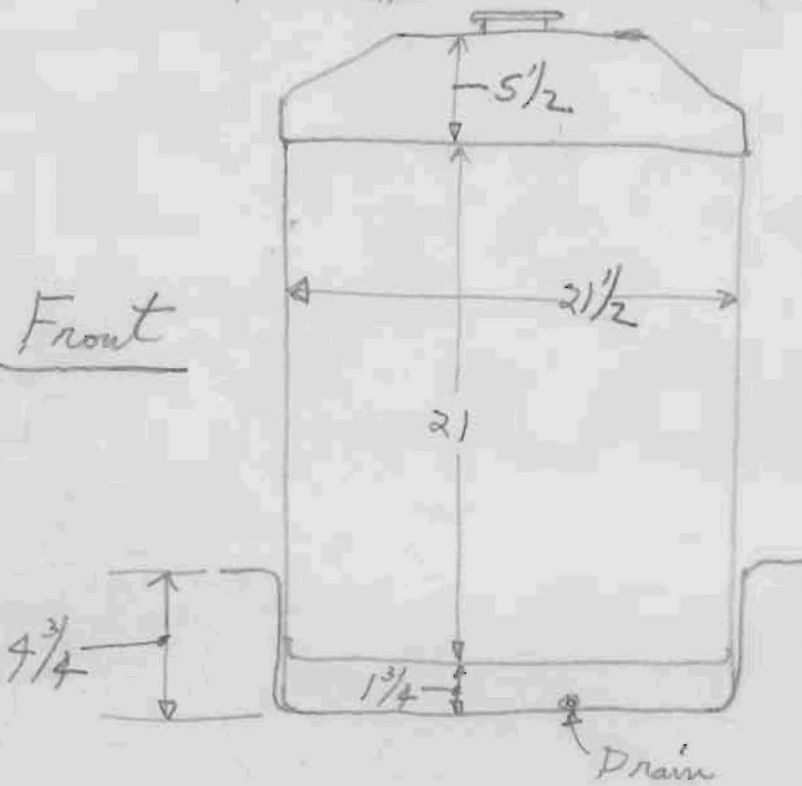
Top



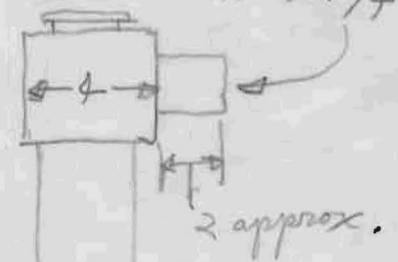
11A
L

1941 Sedan
\$88.50

Front



Round 1 3/4 Dia



Side

Oval 1 3/4 x 2
approx

1 3/4 approx

Ford Radiator. Year unknown, Probably 1937
to 1940

Grote Reber

7-27-53