TABLE OF THE PRESSURE, TEMPERATURE, VOLUME AND MECHANICAL EFFECT OF STEAM.

Total pressure in pounds per square inch.	Corresponding temperature.	Volume of steam compressed with volume of water.	Mechanical effect of a cubic inch of water evaporated in pounds raised one foot high.
1	102.9	20868	1739
2	126.1	10874	1812
3	141.0	7437	1859
4	152.3	4617	1895
5	161.4	5685	1924
15	212.8	1669	2086
20	228.5	1281	2135
25	241.0	1044	2175
30	251.6	883	2209
35	260.9	767	2238
40	269.1	669	2264
45	276.4	610	2287
50	283.2	554	2308
55	289.3	508	2327
60	295.6	470	2347
65	301.3	437	2365
70	305.4	418	2397
75	311.2	383	2411
80	315.8	362	2425
85	320.1	342	2438
90	332.	325	2464
100	....	295	....