

BAUMÉ'S HYDROMETER—AMERICAN STANDARD.

CALCULATED BY SIDNEY S. EMERY.

Received October 17, 1898.

FOR LIQUIDS HEAVIER THAN WATER, SP. GR. = $\frac{145}{145 - {}^{\circ}\text{Bé}}$ AT 60° F.

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
0.0	1.0000	.9	1.0276	.8	1.0569	.7	1.0878
.1	1.0007	4.0	1.0284	.9	1.0576	.8	1.0886
.2	1.0014	.1	1.0291	8.0	1.0584	.9	1.0894
.3	1.0021	.2	1.0298	.1	1.0592	12.0	1.0902
.4	1.0028	.3	1.0306	.2	1.0599	.1	1.0910
.5	1.0035	.4	1.0313	.3	1.0607	.2	1.0919
.6	1.0042	.5	1.0320	.4	1.0615	.3	1.0927
.7	1.0049	.6	1.0328	.5	1.0623	.4	1.0935
.8	1.0055	.7	1.0335	.6	1.0630	.5	1.0943
.9	1.0062	.8	1.0342	.7	1.0638	.6	1.0952
1.0	1.0069	.9	1.0350	.8	1.0646	.7	1.0960
.1	1.0076	5.0	1.0357	.9	1.0654	.8	1.0968
.2	1.0083	.1	1.0365	9.0	1.0662	.9	1.0977
.3	1.0090	.2	1.0372	.1	1.0670	13.0	1.0985
.4	1.0097	.3	1.0379	.2	1.0677	.1	1.0993
.5	1.0105	.4	1.0387	.3	1.0685	.2	1.1002
.6	1.0112	.5	1.0394	.4	1.0693	.3	1.1010
.7	1.0119	.6	1.0402	.5	1.0701	.4	1.1018
.8	1.0126	.7	1.0409	.6	1.0709	.5	1.1027
.9	1.0133	.8	1.0417	.7	1.0717	.6	1.1035
2.0	1.0140	.9	1.0424	.8	1.0725	.7	1.1043
.1	1.0147	6.0	1.0432	.9	1.0733	.8	1.1052
.2	1.0154	.1	1.0439	10.0	1.0741	.9	1.1060
.3	1.0161	.2	1.0447	.1	1.0749	14.0	1.1069
.4	1.0168	.3	1.0454	.2	1.0757	.1	1.1077
.5	1.0175	.4	1.0462	.3	1.0765	.2	1.1086
.6	1.0183	.5	1.0469	.4	1.0773	.3	1.1094
.7	1.0190	.6	1.0477	.5	1.0781	.4	1.1103
.8	1.0197	.7	1.0484	.6	1.0789	.5	1.1111
.9	1.0204	.8	1.0492	.7	1.0797	.6	1.1120
3.0	1.0211	.9	1.0500	.8	1.0805	.7	1.1128
.1	1.0218	7.0	1.0507	.9	1.0813	.8	1.1137
.2	1.0226	.1	1.0515	11.0	1.0821	.9	1.1145
.3	1.0233	.2	1.0522	.1	1.0829	15.0	1.1154
.4	1.0240	.3	1.0530	.2	1.0837	.1	1.1162
.5	1.0247	.4	1.0538	.3	1.0845	.2	1.1171
.6	1.0255	.5	1.0545	.4	1.0853	.3	1.1180
.7	1.0262	.6	1.0553	.5	1.0861	.4	1.1188
.8	1.0269	.7	1.0561	.6	1.0870	.5	1.1197

"Bé.	Sp. gr.	"Bé.	Sp. gr.	"Bé.	Sp. gr.	"Bé.	Sp. gr.
.6	I.1206	.2	I.1619	.8	I.2063	.4	I.2543
.7	I.1214	.3	I.1628	.9	I.2073	.5	I.2554
.8	I.1223	.4	I.1637	25.0	I.2083	.6	I.2565
.9	I.1232	.5	I.1647	.1	I.2093	.7	I.2576
16.0	I.1240	.6	I.1656	.2	I.2104	.8	I.2587
.1	I.1249	.7	I.1665	.3	I.2114	.9	I.2598
.2	I.1258	.8	I.1675	.4	I.2124	30.0	I.2609
.3	I.1267	.9	I.1684	.5	I.2134	.1	I.2620
.4	I.1275	21.0	I.1694	.6	I.2144	.2	I.2631
.5	I.1284	.1	I.1703	.7	I.2154	.3	I.2642
.6	I.1293	.2	I.1712	.8	I.2164	.4	I.2653
.7	I.1302	.3	I.1722	.9	I.2175	.5	I.2664
.8	I.1310	.4	I.1731	26.0	I.2185	.6	I.2675
.9	I.1319	.5	I.1741	.1	I.2195	.7	I.2686
17.0	I.1328	.6	I.1750	.2	I.2205	.8	I.2697
.1	I.1337	.7	I.1760	.3	I.2216	.9	I.2708
.2	I.1346	.8	I.1769	.4	I.2226	31.0	I.2719
.3	I.1355	.9	I.1779	.5	I.2236	.1	I.2730
.4	I.1364	22.0	I.1789	.6	I.2247	.2	I.2742
.5	I.1373	.1	I.1798	.7	I.2257	.3	I.2753
.6	I.1381	.2	I.1808	.8	I.2267	.4	I.2764
.7	I.1390	.3	I.1817	.9	I.2278	.5	I.2775
.8	I.1399	.4	I.1827	27.0	I.2288	.6	I.2787
.9	I.1408	.5	I.1837	.1	I.2299	.7	I.2798
18.0	I.1417	.6	I.1846	.2	I.2309	.8	I.2809
.1	I.1426	.7	I.1856	.3	I.2319	.9	I.2821
.2	I.1435	.8	I.1866	.4	I.2330	32.0	I.2832
.3	I.1444	.9	I.1876	.5	I.2340	.1	I.2843
.4	I.1453	23.0	I.1885	.6	I.2351	.2	I.2855
.5	I.1462	.1	I.1895	.7	I.2361	.3	I.2866
.6	I.1472	.2	I.1905	.8	I.2372	.4	I.2877
.7	I.1481	.3	I.1915	.9	I.2383	.5	I.2889
.8	I.1490	.4	I.1924	28.0	I.2393	.6	I.2900
.9	I.1499	.5	I.1934	.1	I.2404	.7	I.2912
19.0	I.1508	.6	I.1944	.2	I.2414	.8	I.2923
.1	I.1517	.7	I.1954	.3	I.2425	.9	I.2935
.2	I.1526	.8	I.1964	.4	I.2436	33.0	I.2946
.3	I.1535	.9	I.1974	.5	I.2446	.1	I.2958
.4	I.1545	24.0	I.1983	.6	I.2457	.2	I.2970
.5	I.1554	.1	I.1993	.7	I.2468	.3	I.2981
.6	I.1563	.2	I.2003	.8	I.2478	.4	I.2993
.7	I.1572	.3	I.2013	.9	I.2489	.5	I.3004
.8	I.1581	.4	I.2023	29.0	I.2500	.6	I.3016
.9	I.1591	.5	I.2033	.1	I.2511	.7	I.3028
20.0	I.1600	.6	I.2043	.2	I.2522	.8	I.3040
.1	I.1609	.7	I.2053	.3	I.2532	.9	I.3051

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°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
34.0	I.3063	.6	I.3628	.2	I.4244	.8	I.4918
.1	I.3075	.7	I.3641	.3	I.4258	.9	I.4933
.2	I.3087	.8	I.3653	.4	I.4272	48.0	I.4948
.3	I.3098	.9	I.3666	.5	I.4286	.1	I.4964
.4	I.3110	39.0	I.3679	.6	I.4300	.2	I.4979
.5	I.3122	.1	I.3692	.7	I.4314	.3	I.4995
.6	I.3134	.2	I.3705	.8	I.4328	.4	I.5010
.7	I.3146	.3	I.3718	.9	I.4342	.5	I.5026
.8	I.3158	.4	I.3731	44.0	I.4356	.6	I.5041
.9	I.3170	.5	I.3744	.1	I.4371	.7	I.5057
35.0	I.3182	.6	I.3757	.2	I.4385	.8	I.5073
.1	I.3194	.7	I.3770	.3	I.4399	.9	I.5088
.2	I.3206	.8	I.3783	.4	I.4414	49.0	I.5104
.3	I.3218	.9	I.3796	.5	I.4428	.1	I.5120
.4	I.3230	40.0	I.3810	.6	I.4442	.2	I.5136
.5	I.3242	.1	I.3823	.7	I.4457	.3	I.5152
.6	I.3254	.2	I.3836	.8	I.4471	.4	I.5167
.7	I.3266	.3	I.3849	.9	I.4486	.5	I.5183
.8	I.3278	.4	I.3862	45.0	I.4500	.6	I.5199
.9	I.3291	.5	I.3876	.1	I.4515	.7	I.5215
36.0	I.3303	.6	I.3889	.2	I.4529	.8	I.5231
.1	I.3315	.7	I.3902	.3	I.4544	.9	I.5247
.2	I.3327	.8	I.3916	.4	I.4558	50.0	I.5263
.3	I.3339	.9	I.3929	.5	I.4573	.1	I.5279
.4	I.3352	41.0	I.3942	.6	I.4588	.2	I.5295
.5	I.3364	.1	I.3956	.7	I.4602	.3	I.5312
.6	I.3376	.2	I.3969	.8	I.4617	.4	I.5328
.7	I.3389	.3	I.3983	.9	I.4632	.5	I.5344
.8	I.3401	.4	I.3996	46.0	I.4646	.6	I.5360
.9	I.3414	.5	I.4010	.1	I.4661	.7	I.5376
37.0	I.3426	.6	I.4023	.2	I.4676	.8	I.5393
.1	I.3438	.7	I.4037	.3	I.4691	.9	I.5409
.2	I.3451	.8	I.4050	.4	I.4706	51.0	I.5426
.3	I.3463	.9	I.4064	.5	I.4721	.1	I.5442
.4	I.3476	42.0	I.4078	.6	I.4736	.2	I.5458
.5	I.3488	.1	I.4091	.7	I.4751	.3	I.5475
.6	I.3501	.2	I.4105	.8	I.4766	.4	I.5491
.7	I.3514	.3	I.4119	.9	I.4781	.5	I.5508
.8	I.3526	.4	I.4133	47.0	I.4796	.6	I.5525
.9	I.3539	.5	I.4146	.1	I.4811	.7	I.5541
38.0	I.3551	.6	I.4160	.2	I.4826	.8	I.5558
.1	I.3564	.7	I.4174	.3	I.4841	.9	I.5575
.2	I.3577	.8	I.4188	.4	I.4857	52.0	I.5591
.3	I.3590	.9	I.4202	.5	I.4872	.1	I.5608
.4	I.3602	43.0	I.4216	.6	I.4887	.2	I.5625
.5	I.3615	.1	I.4230	.7	I.4902	.3	I.5642

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
.4	1.5659	.8	1.6440	.2	1.7303	.6	1.8262
.5	1.5676	.9	1.6459	.3	1.7324	.7	1.8285
.6	1.5693	57.0	1.6477	.4	1.7344	.8	1.8308
.7	1.5710	.1	1.6496	.5	1.7365	.9	1.8331
.8	1.5727	.2	1.6515	.6	1.7386	66.0	1.8354
.9	1.5744	.3	1.6534	.7	1.7407	.1	1.8378
53.0	1.5761	.4	1.6553	.8	1.7428	.2	1.8401
.1	1.5778	.5	1.6571	.9	1.7449	.3	1.8424
.2	1.5795	.6	1.6590	62.0	1.7470	.4	1.8448
.3	1.5812	.7	1.6609	.1	1.7491	.5	1.8471
.4	1.5830	.8	1.6628	.2	1.7512	.6	1.8495
.5	1.5847	.9	1.6648	.3	1.7533	.7	1.8519
.6	1.5864	58.0	1.6667	.4	1.7554	.8	1.8542
.7	1.5882	.1	1.6686	.5	1.7576	.9	1.8566
.8	1.5899	.2	1.6705	.6	1.7597	67.0	1.8590
.9	1.5917	.3	1.6724	.7	1.7618	.1	1.8614
54.0	1.5934	.4	1.6744	.8	1.7640	.2	1.8638
.1	1.5952	.5	1.6763	.9	1.7661	.3	1.8662
.2	1.5969	.6	1.6782	63.0	1.7683	.4	1.8686
.3	1.5987	.7	1.6802	.1	1.7705	.5	1.8710
.4	1.6004	.8	1.6821	.2	1.7726	.6	1.8734
.5	1.6022	.9	1.6841	.3	1.7748	.7	1.8758
.6	1.6040	59.0	1.6860	.4	1.7770	.8	1.8782
.7	1.6058	.1	1.6880	.5	1.7791	.9	1.8807
.8	1.6075	.2	1.6900	.6	1.7813	68.0	1.8831
.9	1.6093	.3	1.6919	.7	1.7835	.1	1.8856
55.0	1.6111	.4	1.6939	.8	1.7857	.2	1.8880
.1	1.6129	.5	1.6959	.9	1.7879	.3	1.8905
.2	1.6147	.6	1.6979	64.0	1.7901	.4	1.8930
.3	1.6165	.7	1.6999	.1	1.7923	.5	1.8954
.4	1.6183	.8	1.7019	.2	1.7946	.6	1.8979
.5	1.6201	.9	1.7039	.3	1.7968	.7	1.9004
.6	1.6219	60.0	1.7059	.4	1.7990	.8	1.9029
.7	1.6237	.1	1.7079	.5	1.8012	.9	1.9054
.8	1.6256	.2	1.7099	.6	1.8035	69.0	1.9079
.9	1.6274	.3	1.7119	.7	1.8057	.1	1.9104
56.0	1.6292	.4	1.7139	.8	1.8080	.2	1.9129
.1	1.6310	.5	1.7160	.9	1.8102	.3	1.9155
.2	1.6329	.6	1.7180	65.0	1.8125	.4	1.9180
.3	1.6347	.7	1.7200	.1	1.8148	.5	1.9205
.4	1.6366	.8	1.7221	.2	1.8170	.6	1.9231
.5	1.6384	.9	1.7241	.3	1.8193	.7	1.9256
.6	1.6403	61.0	1.7262	.4	1.8216	.8	1.9282
.7	1.6421	.1	1.7282	.5	1.8239	.9	1.9308
						70.0	1.9333

BAUMÉ'S HYDROMETER.

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°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
0	1.0000						
	1.0009		1.0413		1.0861		1.1350
	1.0017		1.0422		1.0872		1.1361
	1.0026	6	1.0432		1.0882		1.1373
	1.0035		1.0441		1.0892		1.1384
	1.0043		1.0450	12	1.0902		1.1395
	1.0052		1.0460		1.0913		1.1406
	1.0061		1.0469		1.0923	18	1.1417
1	1.0069		1.0479		1.0933		1.1428
	1.0078		1.0488		1.0943		1.1440
	1.0087		1.0498		1.0954		1.1451
	1.0096	7	1.0507		1.0964		1.1462
	1.0105		1.0517		1.0974		1.1474
	1.0113		1.0526	13	1.0985		1.1485
	1.0122		1.0536		1.0995		1.1496
	1.0131		1.0545		1.1006	19	1.1508
2	1.0140		1.0555		1.1016		1.1519
	1.0149		1.0565		1.1027		1.1531
	1.0158		1.0574		1.1037		1.1542
	1.0167	8	1.0584		1.1048		1.1554
	1.0175		1.0594		1.1058		1.1565
	1.0184		1.0603	14	1.1069		1.1577
	1.0193		1.0613		1.1079		1.1588
	1.0202		1.0623		1.1090	20	1.1600
3	1.0211		1.0632		1.1100		1.1612
	1.0220		1.0642		1.1111		1.1623
	1.0229		1.0652		1.1122		1.1635
	1.0238	9	1.0662		1.1132		1.1647
	1.0247		1.0672		1.1143		1.1658
	1.0256		1.0681	15	1.1154		1.1670
	1.0265		1.0691		1.1165		1.1682
	1.0275		1.0701		1.1175	21	1.1694
4	1.0284		1.0711		1.1186		1.1705
	1.0293		1.0721		1.1197		1.1717
	1.0302		1.0731		1.1208		1.1729
	1.0311	10	1.0741		1.1219		1.1741
	1.0320		1.0751		1.1229		1.1753
	1.0329		1.0761	16	1.1240		1.1765
	1.0339		1.0771		1.1251		1.1777
	1.0348		1.0781		1.1262	22	1.1789
	1.0357		1.0791		1.1273		1.1801
5	1.0366		1.0801		1.1284		1.1813
	1.0376		1.0811		1.1295		1.1825
	1.0385	11	1.0821		1.1306		1.1837
	1.0394		1.0831		1.1317		1.1849
	1.0404		1.0841	17	1.1328		1.1861
			1.0851		1.1339		1.1873

'Bé.	Sp. gr.	'Bé.	Sp. gr.	'Bé.	Sp. gr.	'Bé.	Sp. gr.
23	I.1885		I.2473		I.3122		I.3843
	I.1897		I.2487		I.3137		I.3859
	I.1910	29	I.2500		I.3152		I.3876
	I.1922		I.2513		I.3167		I.3892
	I.1934		I.2527	35	I.3182		I.3909
	I.1946		I.2541		I.3197		I.3926
	I.1959		I.2554		I.3212	41	I.3942
	I.1971		I.2568		I.3227		I.3959
24	I.1983		I.2581		I.3242		I.3976
	I.1996		I.2595		I.3257		I.3993
	I.2008	30	I.2609		I.3272		I.4010
	I.2021		I.2622		I.3288		I.4027
	I.2033		I.2636	36	I.3303		I.4044
	I.2046		I.2650		I.3318		I.4061
	I.2058		I.2664		I.3333	42	I.4078
	I.2071		I.2678		I.3349		I.4095
25	I.2083		I.2691		I.3364		I.4112
	I.2096		I.2705		I.3379		I.4129
	I.2109		I.2719	31	I.3395		I.4146
	I.2121		I.2733		I.3410		I.4164
	I.2134		I.2747		I.3426	37	I.4181
	I.2147		I.2761		I.3441		I.4198
	I.2159		I.2775		I.3457	43	I.4216
	I.2172		I.2789		I.3473		I.4233
26	I.2185		I.2804		I.3488		I.4251
	I.2198		I.2818		I.3504		I.4268
	I.2211	32	I.2832		I.3520		I.4286
	I.2223		I.2846		I.3536		I.4303
	I.2236		I.2860		I.3551		I.4321
	I.2249		I.2875	38	I.3567		I.4339
	I.2262		I.2889		I.3583	44	I.4356
	I.2275		I.2903		I.3599		I.4374
27	I.2288		I.2918		I.3615		I.4392
	I.2301		I.2932		I.3631		I.4410
	I.2314		I.2946		I.3647		I.4428
	I.2327	33	I.2961		I.3663		I.4446
	I.2340		I.2975		I.3679		I.4464
	I.2354		I.2990	39	I.3695		I.4482
	I.2367		I.3004		I.3712		I.4500
	I.2380		I.3019		I.3728	45	I.4518
28	I.2393		I.3034		I.3744		I.4537
	I.2406		I.3048		I.3760		I.4555
	I.2420	34	I.3063		I.3777		I.4573
	I.2433		I.3078		I.3793		I.4591
	I.2446		I.3093	40	I.3810		I.4610
	I.2460		I.3107		I.3826		I.4628

BAUMÉ'S HYDROMETER.

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°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
46	I.4646		I.5550		I.6571		I.7737
$\frac{1}{8}$	I.4665		I.5570		I.6595		I.7764
$\frac{2}{8}$	I.4684	52	I.5591		I.6619		I.7791
$\frac{3}{8}$	I.4702	$\frac{1}{8}$	I.5612		I.6643		I.7819
$\frac{4}{8}$	I.4721	$\frac{2}{8}$	I.5633	58	I.6667		I.7846
$\frac{5}{8}$	I.4739	$\frac{3}{8}$	I.5655	$\frac{1}{8}$	I.6691		I.7874
$\frac{6}{8}$	I.4758	$\frac{4}{8}$	I.5676	$\frac{2}{8}$	I.6715	64	I.7901
$\frac{7}{8}$	I.4777	$\frac{5}{8}$	I.5697	$\frac{3}{8}$	I.6739	$\frac{1}{8}$	I.7929
47	I.4796	$\frac{6}{8}$	I.5718	$\frac{4}{8}$	I.6763	$\frac{2}{8}$	I.7957
$\frac{1}{8}$	I.4815	$\frac{7}{8}$	I.5739	$\frac{5}{8}$	I.6787	$\frac{3}{8}$	I.7984
$\frac{2}{8}$	I.4834	53	I.5761	$\frac{6}{8}$	I.6812	$\frac{4}{8}$	I.8012
$\frac{3}{8}$	I.4853	$\frac{1}{8}$	I.5782	$\frac{7}{8}$	I.6836	$\frac{5}{8}$	I.8040
$\frac{4}{8}$	I.4872	$\frac{2}{8}$	I.5804	$\frac{1}{8}$	I.860	$\frac{6}{8}$	I.8069
$\frac{5}{8}$	I.4891	$\frac{3}{8}$	I.5825	$\frac{2}{8}$	I.6885	$\frac{7}{8}$	I.8097
$\frac{6}{8}$	I.4910	$\frac{4}{8}$	I.5847	$\frac{3}{8}$	I.6910	65	I.8125
$\frac{7}{8}$	I.4929	$\frac{5}{8}$	I.5869	$\frac{4}{8}$	I.6934	$\frac{1}{8}$	I.8153
48	I.4948	$\frac{6}{8}$	I.5890	$\frac{5}{8}$	I.6959	$\frac{2}{8}$	I.8182
$\frac{1}{8}$	I.4968	$\frac{7}{8}$	I.5912	$\frac{6}{8}$	I.6984	$\frac{3}{8}$	I.8210
$\frac{2}{8}$	I.4987	54	I.5934	$\frac{7}{8}$	I.7009	$\frac{4}{8}$	I.8239
$\frac{3}{8}$	I.5006	$\frac{1}{8}$	I.5956	$\frac{1}{8}$	I.7034	$\frac{5}{8}$	I.8268
$\frac{4}{8}$	I.5026	$\frac{2}{8}$	I.5978	$\frac{2}{8}$	I.7059	$\frac{6}{8}$	I.8297
$\frac{5}{8}$	I.5045	$\frac{3}{8}$	I.6000	$\frac{3}{8}$	I.7084	$\frac{7}{8}$	I.8325
$\frac{6}{8}$	I.5065	$\frac{4}{8}$	I.6022	$\frac{4}{8}$	I.7109	66	I.8354
$\frac{7}{8}$	I.5085	$\frac{5}{8}$	I.6044	$\frac{5}{8}$	I.7134	$\frac{1}{8}$	I.8383
49	I.5104	$\frac{6}{8}$	I.6066	$\frac{6}{8}$	I.7160	$\frac{2}{8}$	I.8413
$\frac{1}{8}$	I.5124	$\frac{7}{8}$	I.6089	$\frac{7}{8}$	I.7185	$\frac{3}{8}$	I.8442
$\frac{2}{8}$	I.5144	55	I.6111	$\frac{1}{8}$	I.7211	$\frac{4}{8}$	I.8471
$\frac{3}{8}$	I.5163	$\frac{1}{8}$	I.6134	$\frac{2}{8}$	I.7236	$\frac{5}{8}$	I.8501
$\frac{4}{8}$	I.5183	$\frac{2}{8}$	I.6156	$\frac{3}{8}$	I.7262	$\frac{6}{8}$	I.8530
$\frac{5}{8}$	I.5203	$\frac{3}{8}$	I.6179	$\frac{4}{8}$	I.7288	$\frac{7}{8}$	I.8560
$\frac{6}{8}$	I.5223	$\frac{4}{8}$	I.6201	$\frac{5}{8}$	I.7313	67	I.8590
$\frac{7}{8}$	I.5243	$\frac{5}{8}$	I.6224	$\frac{6}{8}$	I.7339	$\frac{1}{8}$	I.8620
50	I.5263	$\frac{6}{8}$	I.6246	$\frac{7}{8}$	I.7365	$\frac{2}{8}$	I.8650
$\frac{1}{8}$	I.5283	$\frac{7}{8}$	I.6269	$\frac{1}{8}$	I.7391	$\frac{3}{8}$	I.8680
$\frac{2}{8}$	I.5303	56	I.6292	$\frac{2}{8}$	I.7417	$\frac{4}{8}$	I.8710
$\frac{3}{8}$	I.5324	$\frac{1}{8}$	I.6315	$\frac{3}{8}$	I.7444	$\frac{5}{8}$	I.8740
$\frac{4}{8}$	I.5344	$\frac{2}{8}$	I.6338	$\frac{4}{8}$	I.7470	$\frac{6}{8}$	I.8770
$\frac{5}{8}$	I.5364	$\frac{3}{8}$	I.6361	$\frac{5}{8}$	I.7496	$\frac{7}{8}$	I.8801
$\frac{6}{8}$	I.5385	$\frac{4}{8}$	I.6384	$\frac{6}{8}$	I.7523	68	I.8831
$\frac{7}{8}$	I.5405	$\frac{5}{8}$	I.6407	$\frac{7}{8}$	I.7549	$\frac{1}{8}$	I.8862
51	I.5426	$\frac{6}{8}$	I.6431	$\frac{1}{8}$	I.7576	$\frac{2}{8}$	I.8893
$\frac{1}{8}$	I.5446	$\frac{7}{8}$	I.6454	$\frac{2}{8}$	I.7602	$\frac{3}{8}$	I.8923
$\frac{2}{8}$	I.5467	57	I.6477	$\frac{3}{8}$	I.7629	$\frac{4}{8}$	I.8954
$\frac{3}{8}$	I.5487	$\frac{1}{8}$	I.6501	$\frac{4}{8}$	I.7656	$\frac{5}{8}$	I.8985
$\frac{4}{8}$	I.5508	$\frac{2}{8}$	I.6524	$\frac{5}{8}$	I.7683	$\frac{6}{8}$	I.9016
$\frac{5}{8}$	I.5529	$\frac{3}{8}$	I.6548	$\frac{6}{8}$	I.7710	$\frac{7}{8}$	I.9048

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
69	1.9079	$\frac{7}{8}$	1.9174	$\frac{7}{8}$	1.9237	$\frac{7}{8}$	1.9301
$\frac{1}{8}$	1.9110	$\frac{4}{8}$	1.9205	$\frac{4}{8}$	1.9269	70	1.9333
$\frac{1}{4}$	1.9142						

FOR LIQUIDS LIGHTER THAN WATER, SP. GR. = $\frac{140}{130 + \text{°Bé}}$ AT 60° F.

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
10.0	1.0000	.9	0.9729	.8	0.9472	.7	0.9229
.1	0.9993	14.0	0.9722	.9	0.9466	.8	0.9223
.2	0.9986	.1	0.9715	18.0	0.9459	.9	0.9217
.3	0.9979	.2	0.9709	.1	0.9453	22.0	0.9211
.4	0.9972	.3	0.9702	.2	0.9447	.1	0.9204
.5	0.9964	.4	0.9695	.3	0.9440	.2	0.9198
.6	0.9957	.5	0.9689	.4	0.9434	.3	0.9192
.7	0.9950	.6	0.9682	.5	0.9428	.4	0.9186
.8	0.9943	.7	0.9675	.6	0.9421	.5	0.9180
.9	0.9936	.8	0.9669	.7	0.9415	.6	0.9174
11.0	0.9929	.9	0.9662	.8	0.9409	.7	0.9168
.1	0.9922	15.0	0.9655	.9	0.9402	.8	0.9162
.2	0.9915	.1	0.9649	19.0	0.9396	.9	0.9156
.3	0.9908	.2	0.9642	.1	0.9390	23.0	0.9150
.4	0.9901	.3	0.9635	.2	0.9383	.1	0.9144
.5	0.9894	.4	0.9629	.3	0.9377	.2	0.9138
.6	0.9887	.5	0.9622	.4	0.9371	.3	0.9132
.7	0.9880	.6	0.9615	.5	0.9365	.4	0.9126
.8	0.9873	.7	0.9609	.6	0.9358	.5	0.9121
.9	0.9866	.8	0.9602	.7	0.9352	.6	0.9115
12.0	0.9859	.9	0.9596	.8	0.9346	.7	0.9109
.1	0.9852	16.0	0.9589	.9	0.9340	.8	0.9103
.2	0.9845	.1	0.9582	20.0	0.9333	.9	0.9097
.3	0.9838	.2	0.9576	.1	0.9327	24.0	0.9091
.4	0.9831	.3	0.9569	.2	0.9321	.1	0.9085
.5	0.9825	.4	0.9563	.3	0.9315	.2	0.9079
.6	0.9818	.5	0.9556	.4	0.9309	.3	0.9073
.7	0.9811	.6	0.9550	.5	0.9302	.4	0.9067
.8	0.9804	.7	0.9543	.6	0.9296	.5	0.9061
.9	0.9797	.8	0.9537	.7	0.9290	.6	0.9056
13.0	0.9790	.9	0.9530	.8	0.9284	.7	0.9050
.1	0.9783	17.0	0.9524	.9	0.9278	.8	0.9044
.2	0.9777	.1	0.9517	21.0	0.9272	.9	0.9038
.3	0.9770	.2	0.9511	.1	0.9265	25.0	0.9032
.4	0.9763	.3	0.9504	.2	0.9259	.1	0.9026
.5	0.9756	.4	0.9498	.3	0.9253	.2	0.9021
.6	0.9749	.5	0.9492	.4	0.9247	.3	0.9015
.7	0.9743	.6	0.9485	.5	0.9241	.4	0.9009
.8	0.9736	.7	0.9479	.6	0.9235	.5	0.9003

BAUMÉ'S HYDROMETER.

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°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
.6	0.8997	.2	0.8739	.8	0.8495	.4	0.8264
.7	0.8992	.3	0.8734	.9	0.8490	.5	0.8260
.8	0.8986	.4	0.8728	35.0	0.8485	.6	0.8255
.9	0.8980	.5	0.8723	.1	0.8480	.7	0.8250
26.0	0.8974	.6	0.8717	.2	0.8475	.8	0.8245
.1	0.8969	.7	0.8712	.3	0.8469	.9	0.8240
.2	0.8963	.8	0.8706	.4	0.8464	40.0	0.8235
.3	0.8957	.9	0.8701	.5	0.8459	.1	0.8230
.4	0.8951	31.0	0.8696	.6	0.8454	.2	0.8226
.5	0.8946	.1	0.8690	.7	0.8449	.3	0.8221
.6	0.8940	.2	0.8685	.8	0.8444	.4	0.8216
.7	0.8934	.3	0.8679	.9	0.8439	.5	0.8211
.8	0.8929	.4	0.8674	36.0	0.8434	.6	0.8206
.9	0.8923	.5	0.8669	.1	0.8429	.7	0.8202
27.0	0.8917	.6	0.8663	.2	0.8424	.8	0.8197
.1	0.8912	.7	0.8658	.3	0.8418	.9	0.8192
.2	0.8906	.8	0.8653	.4	0.8413	41.0	0.8187
.3	0.8900	.9	0.8647	.5	0.8408	.1	0.8182
.4	0.8895	32.0	0.8642	.6	0.8403	.2	0.8178
.5	0.8889	.1	0.8637	.7	0.8398	.3	0.8173
.6	0.8883	.2	0.8631	.8	0.8393	.4	0.8168
.7	0.8878	.3	0.8626	.9	0.8388	.5	0.8163
.8	0.8872	.4	0.8621	37.0	0.8383	.6	0.8159
.9	0.8866	.5	0.8615	.1	0.8378	.7	0.8154
28.0	0.8861	.6	0.8610	.2	0.8373	.8	0.8149
.1	0.8855	.7	0.8605	.3	0.8368	.9	0.8144
.2	0.8850	.8	0.8600	.4	0.8363	42.0	0.8140
.3	0.8844	.9	0.8594	.5	0.8358	.1	0.8135
.4	0.8838	33.0	0.8589	.6	0.8353	.2	0.8130
.5	0.8833	.1	0.8584	.7	0.8348	.3	0.8125
.6	0.8827	.2	0.8578	.8	0.8343	.4	0.8121
.7	0.8822	.3	0.8573	.9	0.8338	.5	0.8116
.8	0.8816	.4	0.8568	38.0	0.8333	.6	0.8111
.9	0.8811	.5	0.8563	.1	0.8328	.7	0.8107
29.0	0.8805	.6	0.8557	.2	0.8323	.8	0.8102
.1	0.8799	.7	0.8552	.3	0.8318	.9	0.8097
.2	0.8794	.8	0.8547	.4	0.8314	43.0	0.8092
.3	0.8788	.9	0.8542	.5	0.8309	.1	0.8088
.4	0.8783	34.0	0.8537	.6	0.8304	.2	0.8083
.5	0.8777	.1	0.8531	.7	0.8299	.3	0.8078
.6	0.8772	.2	0.8526	.8	0.8294	.4	0.8074
.7	0.8766	.3	0.8521	.9	0.8289	.5	0.8069
.8	0.8761	.4	0.8516	39.0	0.8284	.6	0.8065
.9	0.8755	.5	0.8511	.1	0.8279	.7	0.8060
30.0	0.8750	.6	0.8505	.2	0.8274	.8	0.8055
.1	0.8745	.7	0.8500	.3	0.8269	.9	0.8051

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
44.0	0.8046	.6	0.7839	.2	0.7642	.8	0.7455
.1	0.8041	.7	0.7834	.3	0.7638	.9	0.7451
.2	0.8037	.8	0.7830	.4	0.7634	58.0	0.7447
.3	0.8032	.9	0.7826	.5	0.7629	.1	0.7443
.4	0.8028	49.0	0.7821	.6	0.7625	.2	0.7439
.5	0.8023	.1	0.7817	.7	0.7621	.3	0.7435
.6	0.8018	.2	0.7812(5)	.8	0.7617	.4	0.7431
.7	0.8014	.3	0.7808	.9	0.7613	.5	0.7427
.8	0.8009	.4	0.7804	54.0	0.7609	.6	0.7423
.9	0.8005	.5	0.7799	.1	0.7605	.7	0.7419
45.0	0.8000	.6	0.7795	.2	0.7600	.8	0.7415
.1	0.7995	.7	0.7791	.3	0.7596	.9	0.7411
.2	0.7991	.8	0.7786	.4	0.7592	59.0	0.7407
.3	0.7986	.9	0.7782	.5	0.7588	.1	0.7403
.4	0.7982	50.0	0.7778	.6	0.7584	.2	0.7400
.5	0.7977	.1	0.7773	.7	0.7580	.3	0.7396
.6	0.7973	.2	0.7769	.8	0.7576	.4	0.7392
.7	0.7968	.3	0.7765	.9	0.7572	.5	0.7388
.8	0.7964	.4	0.7761	55.0	0.7568	.6	0.7384
.9	0.7959	.5	0.7756	.1	0.7563	.7	0.7380
46.0	0.7955	.6	0.7752	.2	0.7559	.8	0.7376
.1	0.7950	.7	0.7748	.3	0.7555	.9	0.7372
.2	0.7946	.8	0.7743	.4	0.7551	60.0	0.7368
.3	0.7941	.9	0.7739	.5	0.7547	.1	0.7365
.4	0.7937	51.0	0.7735	.6	0.7543	.2	0.7361
.5	0.7932	.1	0.7731	.7	0.7539	.3	0.7357
.6	0.7928	.2	0.7726	.8	0.7535	.4	0.7353
.7	0.7923	.3	0.7722	.9	0.7531	.5	0.7349
.8	0.7919	.4	0.7718	56.0	0.7527	.8	0.7345
.9	0.7914	.5	0.7713	.1	0.7523	.7	0.7341
47.0	0.7910	.6	0.7709	.2	0.7519	.8	0.7338
.1	0.7905	.7	0.7705	.3	0.7515	.9	0.7334
.2	0.7901	.8	0.7701	.4	0.7511	61.0	0.7330
.3	0.7896	.9	0.7697	.5	0.7507	.1	0.7326
.4	0.7892	52.0	0.7692	.6	0.7503	.2	0.7322
.5	0.7887	.1	0.7688	.7	0.7499	.3	0.7318
.6	0.7883	.2	0.7684	.8	0.7495	.4	0.7315
.7	0.7878	.3	0.7680	.9	0.7491	.5	0.7311
.8	0.7874	.4	0.7675	57.0	0.7487	.6	0.7307
.9	0.7870	.5	0.7671	.1	0.7483	.7	0.7303
48.0	0.7865	.6	0.7667	.2	0.7479	.8	0.7299
.1	0.7861	.7	0.7663	.3	0.7475	.9	0.7295
.2	0.7856	.8	0.7659	.4	0.7471	62.0	0.7292
.3	0.7852	.9	0.7654	.5	0.7467	.1	0.7288
.4	0.7848	53.0	0.7650	.6	0.7463	.2	0.7284
.5	0.7843	.1	0.7646	.7	0.7459	.3	0.7280

BAUMÉ'S HYDROMETER.

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
.4	0.7277	.9	0.7110	.3	0.6955	.7	0.6806
.5	0.7273	67.0	0.7107	.4	0.6951	.8	0.6803
.6	0.7269	.1	0.7103	.5	0.6948	.9	0.6799
.7	0.7265	.2	0.7099	.6	0.6944	76.0	0.6796
.8	0.7261	.3	0.7096	.7	0.6941	.1	0.6793
.9	0.7258	.4	0.7092	.8	0.6938	.2	0.6790
63.0	0.7254	.5	0.7089	.9	0.6934	.3	0.6786
.1	0.7250	.6	0.7085	72.0	0.6931	.4	0.6783
.2	0.7246	.7	0.7081	.1	0.6927	.5	0.6780
.3	0.7243	.8	0.7078	.2	0.6924	.6	0.6776
.4	0.7239	.9	0.7074	.3	0.6920	.7	0.6773
.5	0.7235	68.0	0.7071	.4	0.6917	.8	0.6770
.6	0.7231	.1	0.7067	.5	0.6914	.9	0.6767
.7	0.7228	.2	0.7064	.6	0.6910	77.0	0.6763
.8	0.7224	.3	0.7060	.7	0.6907	.1	0.6760
.9	0.7220	.4	0.7056	.8	0.6903	.2	0.6757
64.0	0.7216	.5	0.7053	.9	0.6900	.3	0.6753
.1	0.7213	.6	0.7049	73.0	0.6897	.4	0.6750
.2	0.7209	.7	0.7046	.1	0.6893	.5	0.6747
.3	0.7205	.8	0.7042	.2	0.6890	.6	0.6744
.4	0.7202	.9	0.7039	.3	0.6886	.7	0.6740
.5	0.7198	69.0	0.7035	.4	0.6883	.8	0.6737
.6	0.7194	.1	0.7032	.5	0.6880	.9	0.6734
.7	0.7191	.2	0.7028	.6	0.6876	78.0	0.6731
.8	0.7187	.3	0.7025	.7	0.6873	.1	0.6728
.9	0.7183	.4	0.7021	.8	0.6869	.2	0.6724
65.0	0.7179	.5	0.7018	.9	0.6866	.3	0.6721
.1	0.7176	.6	0.7014	74.0	0.6863	.4	0.6718
.2	0.7172	.7	0.7011	.1	0.6859	.5	0.6715
.3	0.7168	.8	0.7007	.2	0.6856	.6	0.6711
.4	0.7165	.9	0.7004	.3	0.6853	.7	0.6708
.5	0.7161	70.0	0.7000	.4	0.6849	.8	0.6705
.6	0.7157	.1	0.6997	.5	0.6846	.9	0.6702
.7	0.7154	.2	0.6993	.6	0.6843	79.0	0.6699
.8	0.7150	.3	0.6990	.7	0.6839	.1	0.6695
.9	0.7147	.4	0.6986	.8	0.6836	.2	0.6692
66.0	0.7143	.5	0.6983	.9	0.6833	.3	0.6689
.1	0.7139	.6	0.6979	75.0	0.6829	.4	0.6686
.2	0.7136	.7	0.6976	.1	0.6826	.5	0.6683
.3	0.7132	.8	0.6972	.2	0.6823	.6	0.6679
.4	0.7128	.9	0.6969	.3	0.6819	.7	0.6676
.5	0.7125	71.0	0.6965	.4	0.6816	.8	0.6673
.6	0.7121	.1	0.6962	.5	0.6813	.9	0.6670
.7	0.7117	.2	0.6958	.6	0.6809	80.0	0.6667
.8	0.7114						

№	Sp. gr.	№	Sp. gr.	№	Sp. gr.	№	Sp. gr.
10	1.0000	16	0.9597	22	0.9211	28	0.8861
	0.9991		0.9589		0.9218		0.8875
	0.9982		0.9581		0.9203		0.8868
	0.9973		0.9573		0.9195		0.8854
	0.9964		0.9564		0.9188		0.8847
	0.9956		0.9556		0.9180		0.8840
	0.9947		0.9548		0.9173		0.8833
	0.9938		0.9540		0.9165		0.8826
11	0.9929	17	0.9532	23	0.9158	29	0.8819
	0.9920		0.9524		0.9150		0.8812
	0.9912		0.9516		0.9143		0.8805
	0.9903		0.9508		0.9135		0.8798
	0.9894		0.9500		0.9128		0.8791
	0.9885		0.9492		0.9121		0.8784
	0.9877		0.9483		0.9113		0.8777
	0.9868		0.9475		0.9106		0.8771
12	0.9859	18	0.9467	24	0.9098	30	0.8764
	0.9850		0.9459		0.9091		0.8757
	0.9842		0.9451		0.9084		0.8750
	0.9833		0.9444		0.9076		0.8743
	0.9825		0.9436		0.9069		0.8736
	0.9816		0.9428		0.9061		0.8730
	0.9807		0.9420		0.9054		0.8723
	0.9799		0.9412		0.9047		0.8716
	0.9790		0.9404		0.9040		0.8709
13	0.9782	19	0.9396	25	0.9032	31	0.8702
	0.9773		0.9388		0.9025		0.8696
	0.9765		0.9380		0.9018		0.8689
	0.9756		0.9372		0.9010		0.8682
	0.9748		0.9365		0.9003		0.8675
	0.9739		0.9357		0.8996		0.8669
	0.9731		0.9349		0.8989		0.8662
	0.9722		0.9341		0.8982		0.8655
14	0.9714	20	0.9333	26	0.8974	32	0.8649
	0.9706		0.9326		0.8967		0.8642
	0.9697		0.9318		0.8960		0.8635
	0.9689		0.9310		0.8953		0.8629
	0.9680		0.9302		0.8946		0.8622
	0.9672		0.9295		0.8939		0.8615
	0.9664		0.9287		0.8931		0.8609
15	0.9655	21	0.9279	27	0.8924	33	0.8602
	0.9647		0.9272		0.8917		0.8596
	0.9639		0.9264		0.8910		0.8589
	0.9630		0.9256		0.8903		0.8582
	0.9622		0.9249		0.8896		0.8576
	0.9614		0.9241		0.8889		0.8569
	0.9605		0.9233				

BAUMÉ'S HYDROMETER.

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
4	0.8563		0.8266	2	0.7989	1	0.7729
5	0.8556	4	0.8260	3	0.7983	2	0.7724
6	0.8550	5	0.8254	4	0.7977	3	0.7719
7	0.8543	6	0.8247	5	0.7972	4	0.7713
8	0.8537	7	0.8241	6	0.7966	5	0.7708
9	0.8530	8	0.8235	7	0.7960	6	0.7703
10	0.8525	9	0.8229	8	0.7955	7	0.7698
11	0.8517	10	0.8223	9	0.7949	8	0.7692
12	0.8511	11	0.8217	10	0.7943	9	0.7687
13	0.8504	12	0.8211	11	0.7938	10	0.7682
14	0.8498	13	0.8205	12	0.7932	11	0.7676
15	0.8491	14	0.8199	13	0.7926	12	0.7671
16	0.8485	15	0.8193	14	0.7921	13	0.7666
17	0.8478	16	0.8187	15	0.7915	14	0.7661
18	0.8472	17	0.8181	16	0.7910	15	0.7656
19	0.8466	18	0.8175	17	0.7904	16	0.7650
20	0.8459	19	0.8169	18	0.7898	17	0.7645
21	0.8453	20	0.8163	19	0.7893	18	0.7640
22	0.8446	21	0.8157	20	0.7887	19	0.7635
23	0.8440	22	0.8151	21	0.7882	20	0.7629
24	0.8434	23	0.8145	22	0.7876	21	0.7624
25	0.8427	24	0.8140	23	0.7871	22	0.7619
26	0.8421	25	0.8134	24	0.7865	23	0.7614
27	0.8415	26	0.8128	25	0.7860	24	0.7609
28	0.8408	27	0.8122	26	0.7854	25	0.7604
29	0.8402	28	0.8116	27	0.7849	26	0.7598
30	0.8396	29	0.8110	28	0.7843	27	0.7593
31	0.8390	30	0.8104	29	0.7838	28	0.7588
32	0.8383	31	0.8098	30	0.7832	29	0.7583
33	0.8377	32	0.8092	31	0.7827	30	0.7578
34	0.8371	33	0.8087	32	0.7821	31	0.7573
35	0.8364	34	0.8081	33	0.7816	32	0.7568
36	0.8358	35	0.8075	34	0.7810	33	0.7562
37	0.8352	36	0.8069	35	0.7805	34	0.7557
38	0.8346	37	0.8063	36	0.7799	35	0.7552
39	0.8340	38	0.8058	37	0.7794	36	0.7547
40	0.8333	39	0.8052	38	0.7789	37	0.7542
41	0.8327	40	0.8046	39	0.7783	38	0.7537
42	0.8321	41	0.8040	40	0.7778	39	0.7532
43	0.8315	42	0.8034	41	0.7772	40	0.7527
44	0.8309	43	0.8029	42	0.7767	41	0.7522
45	0.8302	44	0.8023	43	0.7762	42	0.7517
46	0.8296	45	0.8017	44	0.7756	43	0.7512
47	0.8290	46	0.8011	45	0.7751	44	0.7507
48	0.8284	47	0.8006	46	0.7746	45	0.7502
49	0.8278	48	0.8000	47	0.7740	46	0.7497
50	0.8272	49	0.7994	48	0.7735	47	0.7492

°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.	°Bé.	Sp. gr.
57	0.7487		0.7259		0.7048		0.6850
	0.7482	63	0.7254		0.7044		0.6846
	0.7477		0.7249		0.7040		0.6842
	0.7472		0.7245	69	0.7035		0.6838
	0.7467		0.7240		0.7031		0.6833
	0.7462		0.7235		0.7026	75	0.6830
	0.7457		0.7230		0.7022		0.6825
	0.7452		0.7226		0.7018		0.6821
58	0.7447		0.7221		0.7013		0.6817
	0.7442	64	0.7216		0.7009		0.6813
	0.7437		0.7212		0.7004		0.6809
	0.7432		0.7207	70	0.7000		0.6804
	0.7427		0.7203		0.6996		0.6800
	0.7422		0.7198		0.6991	76	0.6796
	0.7417		0.7193		0.6987		0.6792
	0.7412		0.7189		0.6983		0.6788
59	0.7407		0.7184		0.6978		0.6784
	0.7403	65	0.7179		0.6974		0.6780
	0.7398		0.7175		0.6970		0.6776
	0.7393		0.7170	71	0.6965		0.6771
	0.7388		0.7166		0.6961		0.6767
	0.7383		0.7161		0.6957	77	0.6763
	0.7378		0.7157		0.6952		0.6759
	0.7373		0.7152		0.6948		0.6755
60	0.7368		0.7147		0.6944		0.6751
	0.7364	66	0.7143		0.6939		0.6747
	0.7359		0.7138		0.6935		0.6743
	0.7354		0.7134	72	0.6931		0.6739
	0.7349		0.7129		0.6926		0.6735
	0.7344		0.7125		0.6922	78	0.6731
	0.7339		0.7120		0.6918		0.6727
	0.7335		0.7116		0.6914		0.6723
61	0.7330		0.7111		0.6909		0.6719
	0.7325	67	0.7107		0.6905		0.6715
	0.7320		0.7102		0.6901		0.6711
	0.7315		0.7098	73	0.6897		0.6707
	0.7311		0.7093		0.6892		0.6703
	0.7306		0.7089		0.6888	79	0.6699
	0.7301		0.7084		0.6884		0.6695
	0.7296		0.7080		0.6880		0.6691
62	0.7292		0.7075		0.6875		0.6687
	0.7287	68	0.7071		0.6871		0.6683
	0.7282		0.7066		0.6867		0.6679
	0.7277		0.7062	74	0.6863		0.6675
	0.7273		0.7057		0.6859		0.6671
	0.7268		0.7053		0.6854	80	0.6667
	0.7263						