

TABLA I.—Refracciones astronómicas.

Distancia zenital aparente.	Log. ρ	Dif. por 1'	Distancia zenital aparente.	Log. ρ	Dif. por 1'
00°00'	— ∞		6°00'	0.7882	12.0
" 10	9.2303	301.1	" 10	.8002	11.6
" 20	9.5315	176.1	" 20	.8118	11.4
" 30	9.7076	124.9	" 30	.8232	11.1
" 40	9.8325	96.9	" 40	.8343	10.8
" 50	9.9294	79.1	" 50	.8451	10.6
1 00	0.0085	67.0	7 00	0.8557	10.2
" 10	.0755	58.0	" 10	.8659	10.1
" 20	.1335	51.2	" 20	.8760	9.9
" 30	.1847	45.7	" 30	.8859	9.7
" 40	.2304	41.4	" 40	.8956	9.5
" 50	.2718	37.9	" 50	.9051	9.3
2 00	0.3097	34.7	8 00	0.9144	9.0
" 10	.3444	32.2	" 10	.9234	8.9
" 20	.3766	30.1	" 20	.9323	8.7
" 30	.4067	28.0	" 30	.9410	8.5
" 40	.4347	26.3	" 40	.9495	8.4
" 50	.4610	25.0	" 50	.9579	8.4
3 00	0.4860	23.5	9 00	0.9663	8.0
" 10	.5095	22.4	" 10	.9743	8.0
" 20	.5319	21.1	" 20	.9823	7.8
" 30	.5530	20.3	" 30	.9901	7.7
" 40	.5733	19.3	" 40	0.9978	7.6
" 50	.5926	18.6	" 50	1.0054	7.5
4 00	0.6112	17.8	10 00	.0129	7.2
" 10	.6290	17.1	" 10	.0201	7.2
" 20	.6461	16.5	" 20	.0273	7.1
" 30	.6626	15.8	" 30	.0344	7.0
" 40	.6784	15.3	" 40	.0414	6.9
" 50	.6937	14.9	" 50	.0483	6.9
5 00	0.7086	14.2	11 00	1.0552	6.6
" 10	.7228	13.9	" 10	.0618	6.6
" 20	.7367	13.5	" 20	.0684	6.6
" 30	.7502	13.1	" 30	.0750	6.5
" 40	.7633	12.7	" 40	.0815	6.4
" 50	.7760	12.2	" 50	.0879	6.2
6 00	0.7882		12 00	1.0941	

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Distancia zenital aparente.	Log. ρ	Dif. por 1'	Distancia zenital aparente.	Log. ρ	Dif. por 1'
12°00'	1.0941	6.2	18°00'	1.2784	4.2
" 10	.1003	6.1	" 10	.2826	4.2
" 20	.1064	6.0	" 20	.2868	4.2
" 30	.1124	6.0	" 30	.2910	4.2
" 40	.1184	5.8	" 40	.2952	4.2
" 50	.1242	5.8	" 50	.2994	4.2
13 00	1.1300	5.7	19 00	1.3036	3.9
" 10	.1357	5.7	" 10	.3075	4.1
" 20	.1414	5.5	" 20	.3116	4.1
" 30	.1469	5.5	" 30	.3157	4.0
" 40	.1524	5.4	" 40	.3197	4.0
" 50	.1578	5.4	" 50	.3237	4.0
14 00	1.1632	5.4	20 00	1.3277	3.8
" 10	.1686	5.4	" 10	.3315	3.9
" 20	.1740	5.3	" 20	.3354	3.9
" 30	.1793	5.2	" 30	.3393	3.8
" 40	.1845	5.2	" 40	.3431	3.8
" 50	.1897	5.0	" 50	.3469	3.8
15 00	1.1947	5.1	21 00	1.3507	3.7
" 10	.1998	5.0	" 10	.3544	3.8
" 20	.2048	5.0	" 20	.3582	3.7
" 30	.2098	4.9	" 30	.3619	3.7
" 40	.2147	4.8	" 40	.3656	3.7
" 50	.2195	4.6	" 50	.3693	3.6
16 00	1.2241	4.6	22 00	1.3729	3.7
" 10	.2287	4.7	" 10	.3766	3.6
" 20	.2334	4.6	" 20	.3802	3.6
" 30	.2380	4.6	" 30	.3838	3.6
" 40	.2426	4.6	" 40	.3874	3.5
" 50	.2472	4.7	" 50	.3909	3.6
17 00	1.2519	4.5	23 00	1.3945	3.6
" 10	.2564	4.5	" 10	.3981	3.4
" 20	.2609	4.4	" 20	.4015	3.4
" 30	.2653	4.4	" 30	.4049	3.5
" 40	.2697	4.3	" 40	.4084	3.4
" 50	.2740	4.4	" 50	.4118	3.3
18 00	1.2784		24 00	1.4151	

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Distancia zenital aparente.	Log. ρ	Dif. por 1'	Distancia zenital aparente.	Log. ρ	Dif. por 1'
24°00'	1.4151		30°00'	1.5279	
" 10	.4185	3.4	" 10	.5308	2.9
" 20	.4219	3.4	" 20	.5337	2.9
" 30	.4253	3.4	" 30	.5366	2.9
" 40	.4286	3.3	" 40	.5395	2.9
" 50	.4319	3.3	" 50	.5423	2.8
25 00	1.4352	3.3	31 00	1.5452	2.9
" 10	.4385	3.3	" 10	.5481	2.9
" 20	.4418	3.3	" 20	.5510	2.9
" 30	.4451	3.3	" 30	.5538	2.8
" 40	.4483	3.2	" 40	.5566	2.8
" 50	.4515	3.2	" 50	.5594	2.8
26 00	1.4547	3.2	32 00	1.5622	2.8
" 10	.4579	3.2	" 10	.5650	2.8
" 20	.4611	3.2	" 20	.5678	2.8
" 30	.4643	3.2	" 30	.5707	2.9
" 40	.4674	3.1	" 40	.5735	2.8
" 50	.4706	3.2	" 50	.5762	2.7
27 00	1.4736	3.0	33 00	1.5790	2.8
" 10	.4768	3.2	" 10	.5818	2.8
" 20	.4799	3.1	" 20	.5845	2.7
" 30	.4829	3.0	" 30	.5873	2.8
" 40	.4860	3.1	" 40	.5900	2.7
" 50	.4890	3.0	" 50	.5927	2.7
28 00	1.4921	3.1	34 00	1.5954	2.7
" 10	.4952	3.1	" 10	.5981	2.7
" 20	.4982	3.0	" 20	.6009	2.8
" 30	.5013	3.1	" 30	.6036	2.7
" 40	.5043	3.0	" 40	.6063	2.7
" 50	.5073	3.0	" 50	.6090	2.7
29 00	1.5102	2.9	35 00	1.6116	2.6
" 10	.5133	3.1	" 10	.6134	2.7
" 20	.5162	2.9	" 20	.6170	2.7
" 30	.5192	3.0	" 30	.6197	2.7
" 40	.5221	2.9	" 40	.6223	2.6
" 50	.5250	2.9	" 50	.6250	2.7
30 00	1.5279	2.9	36 00	1.6276	2.6

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Distancia zenital aparente.	Log. ρ	Dif. por 1'	Distancia zenital aparente.	Log. ρ	Dif. por 1'
36°00	1.6276		42 00	1.7207	
" 10	.6303	2.7	" 10	.7232	2.5
" 20	.6330	2.7	" 20	.7257	2.5
" 30	.6356	2.6	" 30	.7283	2.6
" 40	.6382	2.6	" 40	.7308	2.5
" 50	.6408	2.6	" 50	.7333	2.5
37 00	1.6435	2.7	43 00	1.7358	2.5
" 10	.6461	2.6	" 10	.7383	2.5
" 20	.6487	2.6	" 20	.7409	2.6
" 30	.6513	2.6	" 30	.7434	2.5
" 40	.6539	2.6	" 40	.7459	2.5
" 50	.6565	2.6	" 50	.7485	2.6
38 00	1.6591	2.6	44 00	1.7510	2.5
" 10	.6617	2.6	" 10	.7535	2.5
" 20	.6643	2.6	" 20	.7560	2.5
" 30	.6669	2.6	" 30	.7586	2.6
" 40	.6695	2.6	" 40	.7611	2.5
" 50	.6720	2.5	" 50	.7636	2.5
39 00	1.6746	2.6	45 00	1.7661	25.2
" 10	.6772	2.6	" 10	.7686	25.2
" 20	.6798	2.6	" 20	.7711	25.2
" 30	.6824	2.6	" 30	.7736	25.2
" 40	.6850	2.6	" 40	.7761	25.2
" 50	.6876	2.6	" 50	.7787	25.2
40 00	1.6901	2.5	46 00	1.7812	25.2
" 10	.6927	2.6	" 10	.7837	25.2
" 20	.6952	2.5	" 20	.7862	25.3
" 30	.6978	2.6	" 30	.7888	25.2
" 40	.7004	2.6	" 40	.7913	25.2
" 50	.7029	2.5	" 50	.7938	25.3
41 00	1.7055	2.6	47 00	1.7963	25.2
" 10	.7080	2.6	" 10	.7989	25.3
" 20	.7106	2.5	" 20	.8014	25.3
" 30	.7131	2.5	" 30	.8039	25.3
" 40	.7156	2.5	" 40	.8064	25.3
" 50	.7182	2.6	" 50	.8090	25.3
42 00	1.7207	2.5	48 00	1.8115	25.3

TABLA I.—Refracciones astronómicas.

Distancia zentral aparente.	Log. ρ	Dif. por 1'	Distancia zentral aparente.	Log. ρ	Dif. por 1'
48°00'	1.81155	25.4	54°00'	1.90440	26.5
" 10	.81409	25.4	" 10	.90705	26.5
" 20	.81663	25.3	" 20	.90970	26.6
" 30	.81916	25.4	" 30	.91236	26.6
" 40	.82170	25.4	" 40	.91502	26.7
" 50	.82424	25.4	" 50	.91769	26.7
49 00	1.82678	25.5	55 00	1.92036	26.8
" 10	.82933	25.5	" 10	.92304	26.9
" 20	.83188	25.5	" 20	.92573	26.8
" 30	.83443	25.5	" 30	.92841	27.1
" 40	.83698	25.5	" 40	.93112	27.1
" 50	.83953	25.5	" 50	.93383	27.0
50 00	1.84208	25.6	56 00	1.93653	27.1
" 10	.84464	25.7	" 10	.93924	27.2
" 20	.84721	25.6	" 20	.94196	27.3
" 30	.84977	25.7	" 30	.94469	27.3
" 40	.85234	25.6	" 40	.94742	27.4
" 50	.85490	25.7	" 50	.95016	27.5
51 00	1.85747	25.8	57 00	1.95291	27.5
" 10	.86005	25.9	" 10	.95566	27.7
" 20	.86264	25.8	" 20	.95843	27.7
" 30	.86522	25.9	" 30	.96120	27.7
" 40	.86781	25.8	" 40	.96397	27.9
" 50	.87039	25.9	" 50	.96676	27.9
52 00	1.87298	26.0	58 00	1.96955	28.0
" 10	.87558	26.1	" 10	.97235	28.1
" 20	.87819	26.1	" 20	.97516	28.1
" 30	.88080	26.1	" 30	.97797	28.3
" 40	.88341	26.0	" 40	.98080	28.2
" 50	.88601	26.2	" 50	.98362	28.4
53 00	1.88863	26.2	59 00	1.98646	28.5
" 10	.89125	26.2	" 10	.98931	28.5
" 20	.89387	26.3	" 20	.99216	28.7
" 30	.89650	26.3	" 30	.99503	28.7
" 40	.89913	26.3	" 40	1.99790	28.9
" 50	.90176	26.4	" 50	2.00079	28.9
54 00	1.90440		60 00	2.00368	

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Distancia zentral aparente.	Log. ρ	Dif. por 1'	Distancia zentral aparente.	Log. ρ	Dif. por 1'
60°00'	2.00368	29.0	66°00'	2.11555	33.7
" 10	.00658	29.1	" 10	.11892	33.9
" 20	.00949	29.2	" 20	.12231	34.0
" 30	.01241	29.4	" 30	.12571	34.2
" 40	.01535	29.4	" 40	.12913	34.5
" 50	.01829	29.5	" 50	.13258	34.5
61 00	2.02124	29.6	67 00	2.13603	34.8
" 10	.02420	29.8	" 10	.13951	34.9
" 20	.02718	29.8	" 20	.14300	35.2
" 30	.03016	30.0	" 30	.14652	35.4
" 40	.03316	30.1	" 40	.15006	35.5
" 50	.03617	30.1	" 50	.15361	35.8
62 00	2.03918	30.3	68 00	2.15719	35.9
" 10	.04221	30.4	" 10	.16078	36.2
" 20	.04525	30.5	" 20	.16440	36.4
" 30	.04830	30.7	" 30	.16804	36.7
" 40	.05137	30.8	" 40	.17171	36.8
" 50	.05445	30.9	" 50	.17539	37.1
63 00	2.05754	31.0	69 00	2.17910	37.3
" 10	.06064	31.2	" 10	.18233	37.5
" 20	.06376	31.2	" 20	.18658	37.8
" 30	.06688	31.5	" 30	.19036	38.1
" 40	.07003	31.5	" 40	.19417	38.3
" 50	.07318	31.7	" 50	.19800	38.5
64 00	2.07635	31.8	70 00	2.20185	38.8
" 10	.07953	32.0	" 10	.20573	39.0
" 20	.08273	32.1	" 20	.20963	39.3
" 30	.08594	32.3	" 30	.21356	39.6
" 40	.08917	32.4	" 40	.21752	39.8
" 50	.09241	32.6	" 50	.22150	40.2
65 00	2.09567	32.7	71 00	2.22552	40.4
" 10	.09894	33.0	" 10	.22956	40.7
" 20	.10224	33.0	" 20	.23363	41.0
" 30	.10554	33.2	" 30	.23773	41.3
" 40	.10886	33.4	" 40	.24186	41.7
" 50	.11220	33.5	" 50	.24603	41.9
66 00	2.11555		72 00	2.25022	

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Distancia zenital aparente.	Log. ρ	Dif. por 1'	Distancia zenital aparente.	Log. ρ	dif. por 1'
72°00'	2.25022	42.3	78°00'	2.42867	59.6
" 10	.25445	42.5	" 10	.43463	60.3
" 20	.25870	42.9	" 20	.44066	61.1
" 30	.26299	43.3	" 30	.44677	61.8
" 40	.26732	43.6	" 40	.45295	62.6
" 50	.27168	44.0	" 50	.45921	63.5
73 00	2.27608	44.3	79 00	2.46556	64.2
" 10	.28051	44.7	" 10	.47198	65.0
" 20	.28498	45.0	" 20	.47848	65.9
" 30	.28948	45.4	" 30	.48507	66.9
" 40	.29402	45.8	" 40	.49176	67.7
" 50	.29860	46.2	" 50	.49853	68.8
74 00	2.30322	46.7	80 00	2.50541	69.6
" 10	.30789	47.0	" 10	.51237	70.7
" 20	.31259	47.5	" 20	.51944	71.6
" 30	.31734	47.9	" 30	.52660	72.7
" 40	.32213	48.3	" 40	.53387	73.8
" 50	.32696	48.8	" 50	.54125	74.9
75 00	2.33184	49.3	81 00	2.54874	76.1
" 10	.33677	49.7	" 10	.55635	77.2
" 20	.34174	50.2	" 20	.56407	78.5
" 30	.34676	50.7	" 30	.57192	79.7
" 40	.35183	51.2	" 40	.57989	81.1
" 50	.35695	51.7	" 50	.58800	82.4
76 00	2.36212	52.3	82 00	2.59624	83.8
" 10	.36735	52.8	" 10	.60462	85.1
" 20	.37263	53.3	" 20	.61313	86.6
" 30	.37796	53.8	" 30	.62179	88.3
" 40	.38334	54.5	" 40	.63062	89.9
" 50	.38879	55.1	" 50	.63961	91.4
77 00	2.39430	55.7	83 00	2.64875	93.1
" 10	.39987	56.3	" 10	.65806	94.9
" 20	.40550	56.9	" 20	.66755	96.7
" 30	.41119	57.6	" 30	.67722	98.6
" 40	.41695	58.3	" 40	.68708	100.6
" 50	.42278	58.9	" 50	.69714	102.6
78 00	2.42867		84 00	2.70740	

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Distancia zenital aparente.	Log. ρ	Dif por 1'	Distancia zenital aparente.	Log. ρ	dif. por 1'
84°00'	2.70740	104.7	87°00'	2.93754	160.8
" 10	.71787	106.9	" 10	.95362	165.4
" 20	.72856	109.2	" 20	.97016	170.1
" 30	.73948	111.5	" 30	2.98717	174.9
" 40	.75063	113.9	" 40	3.00466	180.1
" 50	.76202	116.5	" 50	.02267	185.5
85 00	2.77367	119.1	88 00	3.04122	190.9
" 10	.78558	121.9	" 10	.06031	196.7
" 20	.79777	124.8	" 20	.07998	202.6
" 30	.81025	127.7	" 30	.10024	208.9
" 40	.82302	130.9	" 40	.12113	215.5
" 50	.83611	134.0	" 50	.14268	222.1
86 00	2.84951	137.4	89 00	3.16489	229.0
" 10	.86325	141.0	" 10	.18779	236.1
" 20	.87735	144.7	" 20	.21140	243.4
" 30	.89182	148.4	" 30	.23574	250.9
" 40	.90666	152.3	" 40	.26083	258.4
" 50	.92189	156.5	" 50	.28667	266.7
87 00	2.93754		90 00	3.31334	

TABLA II.—Factores barométricos para la refracción.

Barómetro.	Log. <i>b</i>	Dif. por 0.001 m.	Barómetro.	Log. <i>b</i>	Dif. por 0.001 m.
0 ^m .500	9.81702	86.4	0 ^m .635	9.92082	68.2
.505	.82134	85.6	.640	.92423	67.6
.510	.82562	84.6	.645	.92761	67.0
.515	.82985	84.0	.650	.93096	66.4
.520	.83405	83.2	.655	.93428	66.2
.525	.83821	82.4	.660	.93759	65.6
.530	.84233	81.4	.665	.94087	65.0
.535	.84640	80.8	.670	.94412	64.6
.540	.85044	80.0	.675	.94735	64.2
.545	.85444	79.4	.680	.95056	63.6
.550	.85841	78.6	.685	.95374	63.2
.555	.86234	78.0	.690	.95690	62.8
.560	.86624	77.2	.695	.96004	62.2
.565	.87010	76.4	.700	.96315	61.8
.570	.87392	76.0	.705	.96624	61.4
.575	.87772	75.2	.710	.96931	61.0
.580	.88148	74.6	.715	.97236	60.4
.585	.88521	73.0	.720	.97538	60.0
.590	.88890	73.1	.725	.97838	59.8
.595	.89256	72.8	.730	.98137	59.2
.600	.89620	72.0	.735	.98433	59.0
.605	.89980	71.6	.740	.98728	58.4
.610	.90338	70.8	.745	.99020	58.2
.615	.90692	70.4	.750	.99311	57.6
.620	.91044	69.8	.755	.99599	57.4
.625	.91393	69.2	.760	9.99886	57.0
.630	.91739	68.6	.765	0.00171	56.6
0.635	9.92082		0.770	0.00454	

TABLA III.—Factores termométricos para la refracción.

Termómetro.	Log. <i>f</i>	Dif.	Log. <i>l</i>	Dif.	Termómetro.	Log. <i>f</i>	Dif.	Log. <i>l</i>	Dif.
-10°	0.00156	8	0.03386	175	14°	9.99969	8	9.99353	160
9	.00148	8	.03211	175	15	.99961	8	.99193	160
8	.00140	8	.03036	174	16	.99953	8	.99033	159
7	.00133	7	.02862	174	17	.99945	8	.98874	158
6	.00125	8	.02688	174	18	.99938	7	.98716	158
5	.00117	8	.02515	173	19	.99930	8	.98558	157
4	.00109	8	.02343	172	20	.99922	8	.98401	157
3	.00101	8	.02171	172	21	.99914	8	.98244	156
2	.00094	7	.02000	171	22	.99906	7	.98088	155
-1	.00086	8	.01830	170	23	.99899	8	.97933	155
0	.00078	8	.01660	169	24	.99891	8	.97778	155
+1	.00070	8	.01491	168	25	.99883	8	.97623	154
2	.00062	7	.01323	168	26	.99875	8	.97469	153
3	.00055	8	.01155	167	27	.99867	7	.97316	153
4	.00047	8	.00988	166	28	.99860	8	.97163	152
5	.00039	8	.00822	166	29	.99852	8	.97011	152
6	.00031	8	.00656	165	30	.99844	8	.96859	151
7	.00023	7	.00491	164	31	.99836	8	.96708	151
8	.00016	8	.00327	164	32	.99828	7	.96557	150
9	.00008	8	.00163	163	33	.99821	8	.96407	150
10	0.00000	8	0.00000	163	34	.99813	8	.96257	149
11	9.99992	8	9.99837	162	35	.99805	8	.96108	148
12	.99984	8	.99675	162	36	.99797	8	.95960	148
13	.99977	7	.99514	161	37	.99789	8	.95812	148
14	9.99969	8	9.99353	161	38	9.99782	7	.95664	148

TABLA IV.

LOGARITMOS DE A y B.

Tiempo transcurrido.	1 ^h		2 ^h		3 ^h		4 ^h	
	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.
	0 ^m	9.4072	9.4034	9.4109	9.3959	9.4172	9.3828	9.4260
1	.4072	.4034	.4110	.3957	.4173	.3825	.4261	.3631
2	.4073	.4033	.4111	.3955	.4174	.3822	.4263	.3627
3	.4073	.4032	.4112	.3953	.4175	.3820	.4265	.3624
4	.4074	.4031	.4113	.3952	.4177	.3817	.4266	.3620
5	9.4074	9.4030	9.4113	9.3950	9.4178	9.3814	9.4268	9.3616
6	.4074	.4029	.4114	.3948	.4179	.3811	.4270	.3612
7	.4075	.4028	.4115	.3946	.4181	.3809	.4272	.3608
8	.4075	.4027	.4116	.3944	.4182	.3806	.4273	.3604
9	.4076	.4026	.4117	.3943	.4183	.3803	.4275	.3600
10	9.4076	9.4025	9.4118	9.3941	9.4184	9.3800	9.4277	9.3596
11	.4077	.4024	.4119	.3939	.4186	.3797	.4279	.3592
12	.4077	.4023	.4120	.3937	.4187	.3794	.4280	.3588
13	.4078	.4022	.4121	.3935	.4188	.3792	.4282	.3584
14	.4078	.4021	.4121	.3933	.4190	.3789	.4284	.3580
15	9.4079	9.4020	9.4122	9.3931	9.4191	9.3786	9.4286	9.3576
16	.4079	.4019	.4123	.3929	.4193	.3783	.4288	.3572
17	.4080	.4018	.4124	.3927	.4194	.3780	.4289	.3568
18	.4080	.4017	.4125	.3925	.4195	.3777	.4292	.3564
19	.4081	.4016	.4126	.3923	.4197	.3774	.4293	.3559
20	9.4081	9.4015	9.4127	9.3921	9.4198	9.3771	9.4295	9.3555
21	.4082	.4014	.4128	.3919	.4199	.3768	.4297	.3551
22	.4083	.4013	.4129	.3917	.4201	.3765	.4299	.3547
23	.4083	.4012	.4130	.3915	.4202	.3762	.4300	.3542
24	.4084	.4010	.4131	.3913	.4204	.3759	.4302	.3538
25	9.4084	9.4009	9.4132	9.3911	9.4205	9.3756	9.4304	9.3534
26	.4085	.4008	.4133	.3909	.4207	.3752	.4306	.3530
27	.4086	.4007	.4134	.3907	.4208	.3749	.4308	.3525
28	.4086	.4006	.4135	.3905	.4209	.3746	.4310	.3521
29	.4087	.4004	.4136	.3903	.4211	.3743	.4312	.3516
30	9.4087	9.4003	9.4137	9.3900	9.4212	9.3740	9.4314	9.3512

TABLA IV.

LOGARITMOS DE A y B.

Tiempo transcurrido.	1 ^h		2 ^h		3 ^h		4 ^h	
	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.
	30 ^m	9.4087	9.4003	9.4137	9.3900	9.4212	9.3740	9.4314
31	.4088	.4002	.4138	.3898	.4214	.3737	.4315	.3508
32	.4089	.4001	.4139	.3896	.4215	.3733	.4317	.3503
33	.4089	.3999	.4140	.3894	.4217	.3730	.4319	.3499
34	.4090	.3998	.4141	.3892	.4218	.3727	.4321	.3494
35	9.4091	9.3997	9.4142	9.3889	9.4220	9.3723	9.4323	9.3490
36	.4091	.3995	.4144	.3887	.4221	.3720	.4325	.3485
37	.4092	.3994	.4145	.3885	.4223	.3717	.4327	.3480
38	.4093	.3993	.4146	.3882	.4224	.3713	.4329	.3476
39	.4093	.3991	.4147	.3880	.4226	.3710	.4331	.3471
40	9.4094	9.3990	9.4148	9.3878	9.4227	9.3707	9.4333	9.3467
41	.4095	.3988	.4149	.3875	.4229	.3703	.4335	.3462
42	.4095	.3987	.4150	.3873	.4231	.3700	.4337	.3457
43	.4096	.3985	.4151	.3871	.4232	.3696	.4339	.3453
44	.4097	.3984	.4152	.3868	.4234	.3693	.4341	.3448
45	9.4097	9.3982	9.4154	9.3866	9.4235	9.3690	9.4343	9.3443
46	.4098	.3981	.4155	.3863	.4237	.3686	.4345	.3438
47	.4099	.3979	.4156	.3861	.4238	.3683	.4347	.3433
48	.4100	.3978	.4157	.3859	.4240	.3679	.4349	.3429
49	.4100	.3976	.4158	.3856	.4242	.3675	.4351	.3424
50	9.4101	9.3975	9.4159	9.3854	9.4243	9.3672	9.4353	9.3419
51	.4102	.3973	.4161	.3851	.4245	.3668	.4355	.3414
52	.4103	.3972	.4162	.3849	.4246	.3665	.4357	.3409
53	.4103	.3970	.4163	.3846	.4248	.3661	.4359	.3404
54	.4104	.3969	.4164	.3843	.4250	.3657	.4361	.3399
55	9.4105	9.3967	9.4165	9.3841	9.4251	9.3654	9.4363	9.3394
56	.4106	.3965	.4167	.3838	.4253	.3650	.4366	.3389
57	.4107	.3964	.4168	.3836	.4255	.3646	.4368	.3384
58	.4107	.3962	.4169	.3833	.4256	.3643	.4370	.3379
59	.4108	.3960	.4170	.3830	.4258	.3639	.4372	.3374
60	9.4109	9.3959	9.4172	9.3828	9.4260	9.3635	9.4374	9.3369

TABLA IV.

LOGARITMOS DE A Y B.

Tiempo transcurrido.	5 ^b		6 ^b		7 ^b		8 ^b	
	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.
0 ^m	9.4374	9.3369	9.4515	9.3010	9.4685	9.2530	9.4884	9.1874
1	.4376	.3364	.4518	.3003	.4688	.2520	.4888	.1861
2	.4378	.3358	.4521	.2996	.4691	.2511	.4892	.1848
3	.4380	.3353	.4523	.2989	.4694	.2502	.4895	.1835
4	.4383	.3348	.4526	.2982	.4697	.2492	.4899	.1822
5	9.4385	9.3343	9.4528	9.2975	9.4701	9.2483	9.4902	9.1809
6	.4387	.3337	.4531	.2968	.4704	.2473	.4906	.1796
7	.4389	.3332	.4534	.2961	.4707	.2463	.4910	.1782
8	.4391	.3327	.4536	.2954	.4710	.2454	.4913	.1759
9	.4393	.3321	.4539	.2947	.4713	.2444	.4917	.1756
10	9.4396	9.3316	9.4542	9.2940	9.4716	9.2434	9.4921	9.1742
11	.4398	.3311	.4544	.2932	.4719	.2425	.4924	.1728
12	.4400	.3305	.4547	.2925	.4723	.2415	.4928	.1715
13	.4402	.3300	.4550	.2918	.4726	.2405	.4932	.1701
14	.4405	.3294	.4552	.2911	.4729	.2395	.4935	.1687
15	9.4407	9.3289	9.4555	9.2903	9.4732	9.2385	9.4939	9.1673
16	.4409	.3283	.4558	.2896	.4735	.2375	.4943	.1659
17	.4411	.3278	.4561	.2888	.4738	.2365	.4946	.1645
18	.4414	.3272	.4563	.2881	.4742	.2355	.4950	.1630
19	.4416	.3266	.4566	.2873	.4745	.2344	.4954	.1616
20	9.4418	9.3261	9.4569	9.2866	9.4748	9.2334	9.4958	9.1602
21	.4420	.3255	.4572	.2858	.4751	.2324	.4961	.1587
22	.4423	.3249	.4574	.2850	.4755	.2313	.4965	.1573
23	.4425	.3244	.4577	.2843	.4758	.2303	.4969	.1558
24	.4427	.3238	.4580	.2835	.4761	.2292	.4973	.1543
25	9.4430	9.3232	9.4583	9.2827	9.4764	9.2282	9.4977	9.1528
26	.4432	.3226	.4585	.2819	.4768	.2271	.4980	.1513
27	.4434	.3220	.4588	.2812	.4771	.2261	.4984	.1498
28	.4437	.3214	.4591	.2804	.4774	.2250	.4988	.1483
29	.4439	.3208	.4594	.2796	.4778	.2239	.4992	.1468
30	9.4441	9.3203	9.4597	9.2788	9.4781	9.2228	9.4996	9.1453

TABLA IV.

LOGARITMOS DE A Y B.

Tiempo transcurrido.	5 ^b		6 ^b		7 ^b		8 ^b	
	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.	Log. A.	Log. B.
30 ^m	9.4441	9.3203	9.4597	9.2788	9.4781	9.2228	9.4996	9.1453
31	.4444	.3197	.4600	.2780	.4784	.2217	.5000	.1437
32	.4446	.3191	.4602	.2772	.4788	.2206	.5003	.1422
33	.4448	.3185	.4605	.2764	.4791	.2195	.5007	.1406
34	.4451	.3178	.4608	.2756	.4794	.2184	.5011	.1390
35	9.4453	9.3172	9.4611	9.2747	9.4798	9.2173	9.5015	9.1375
36	.4456	.3166	.4614	.2739	.4801	.2162	.5019	.1359
37	.4458	.3160	.4617	.2731	.4804	.2151	.5023	.1343
38	.4460	.3154	.4620	.2723	.4808	.2140	.5027	.1327
39	.4463	.3148	.4622	.2714	.4811	.2128	.5031	.1310
40	9.4465	9.3142	9.4625	9.2706	9.4815	9.2117	9.5035	9.1294
41	.4468	.3135	.4628	.2698	.4818	.2105	.5038	.1278
42	.4470	.3129	.4631	.2689	.4821	.2094	.5042	.1261
43	.4473	.3123	.4634	.2681	.4825	.2082	.5046	.1244
44	.4475	.3116	.4637	.2672	.4828	.2070	.5050	.1228
45	9.4477	9.3110	9.4640	9.2664	9.4832	9.2059	9.5054	9.1211
46	.4480	.3103	.4643	.2655	.4835	.2047	.5058	.1194
47	.4482	.3097	.4646	.2646	.4839	.2035	.5062	.1177
48	.4485	.3091	.4649	.2638	.4842	.2023	.5066	.1159
49	.4487	.3084	.4652	.2629	.4846	.2011	.5070	.1142
50	9.4490	9.3078	9.4655	9.2620	9.4849	9.1999	9.5074	9.1125
51	.4492	.3071	.4658	.2611	.4853	.1987	.5078	.1107
52	.4494	.3064	.4661	.2602	.4856	.1974	.5082	.1089
53	.4497	.3058	.4664	.2593	.4860	.1962	.5086	.1072
54	.4500	.3051	.4667	.2584	.4863	.1950	.5091	.1054
55	9.4503	9.3044	9.4670	9.2575	9.4867	9.1937	9.5095	9.1036
56	.4505	.3038	.4673	.2566	.4870	.1925	.5099	.1017
57	.4508	.3031	.4676	.2557	.4874	.1912	.5103	.0999
58	.4510	.3024	.4679	.2548	.4877	.1900	.5107	.0981
59	.4513	.3017	.4682	.2539	.4881	.1887	.5111	.0962
60	9.4515	9.3010	9.4685	9.2530	9.4884	9.1874	9.5115	9.0943