Altitudines

Massiliae, Manheimii, Ratisbonae, Monachii, St. Andex, Tegernsee, Peifsenberg et montis St. Gotthardi supra libellam maris mediterranei ope barometricarum et thermometricarum obseruationum determinatae

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Obseruationes barometricae et thermometricae singulis diebus trina vice per octo annos institutae; et altitudo Manheimii supra Massiliam iuxta hasce obseruationes determinata.

Tabula I.

Status barom. et therm. interni menstruus, et altitudo Manheimii correspondens.

	Massilia.		Manheimium.		Altitudo Manheimii supra Massiliam.		
Menses	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Toises	Mètres	Ped. bauar.
Jan.	27.11,6	+ 7,39	27. 8,61	+ 3,30	37,6641	73,41	251,52
Febr.	27.11,70	7,44	27. 8,60	4,65	38,2845	74,62	255,66
Mart.	27.10,85	8,70	27. 8,25	5,28	32,3161	62,99	215,81
April.	28. 0,50	11,59	27. 9,73	9,82	34,8902	68,00	233,00
Maj.	28. 0,98	15,09	27.10,22	13,96	35,3491	68,90	236,06
Jun.	28. 0,98	17,25	27.10,02	16,28	38.3160	74,68	255,87
Jul.	28. 1,56	19,23	27.10,50	18,00	39,8931	77,75	266,41
Aug.	28. 1,36	19,28	27.10,50	17,14	37,2264	72,56	248,60
Sept.	28. 1,35	17,87	27.10,21	15,08	40,5602	79,05	270,86
Oct.	28. 0,79	14,21	27.10,13	10,25	33,7138	65,71	225,14
Nov.	28. 0,37	10,10	27. 9,82	6,33	31,7379	61,86	211,94
Dec.	27.11,14	7,41	27. 8,52	3,88	32,3228	63,00	215,85
Ex his medium	28. 0,44	12,96	27. 9,59	10,33	36,0229	70,21	240,56

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Tabula II.

Status barom. et therm. interni annuus et altitudo Manheimii correspondens.

Anni	Massilia. Alt. barom. media	Massilia. Gr. therm. medius	Manheimium. Alt. barom. media	Manheimium. Gr. therm. medius	Altitudo Manheimii supra Massiliam. Toises.	Mètres	Ped. bauar.
1783	28. 0,62	+ 13,90	27. 9,56	+ 10,96	38,8619	75,74	259,52
1784	27.11,94	12,61	27. 9,08	9,16	36,1173	70,39	241,19
1785	28. 0,28	12,91	27. 9,90	9,85	30,0749	58,62	200,84
1786	28. 0,13	12,82	27. 9,57	9,83	32,3663	63,08	216,14
1788	28. 0,40	13,30	27.10,08	10,94	29,4088	57,32	196,39
1789	28. 0,33	12,37	27. 9,32	10,52	38,0777	74,22	254,28
1791	28. 0,73	12,98	27. 9,59	10,73	39,7603	77,49	265,52
1792	28. 1,07	12,79	27. 9,65	10,65	43,2536	84,30	288,85
Ex quibus medium.	28. 0,44	12,96	27. 9,59	10,33	35,9901	70,14	240,34

Tabula III.

Status barom. et therm. interni vniuersalis, et altitudo Manheimii correspondens.

Octo anni	Massilia. Alt. barom. media	Massilia. Gr therm. medius	Manheimium. Alt. barom. media	Manheimium. Gr. therm. medius	Altitudo Manheimii supra Massilam. Toises	Mètres	Ped. bauar.
vniuersim	28.0,437	12,96	27.9,593	10,33	35,9942	70,15	240,37

Anno-

Annotatio. Manheimium idcirco cum Massilia siue Marseille comparandum esse censui, quia vrbs haec Galliae haud procul a littore maris mediterranei distat; et aula, in qua barometrum et thermometrum suspensa erant, vti clarissimus obseruator S. Jaques de Silua belle Tomo II. Ephemeridum Manheimensium refert, libella maris mediterranei nonnisi 24 hexapedis altior est. Quae si altitudini Manheimii supra Massiliam addantur, inuenitur

Altitudo Manheimii supra libellam maris mediterranei

Vniuersim	Toises	Mètres	Ped. bauar.
Pro Tab. I.	60,0229	116,99	400,83
Tab. II.	59,9901	116,92	400,61
Tab. III.	59,9942	116,93	400,64

Obser-

Obseruationes barometricae et thermometricae singulis diebus trina vice ab anno 1781 vsque ad annum 1790 exclusiue institutae; et altitudines locorum infra scriptorum iuxta hasce obseruationes determinatae.

T a b u l a I.

Status barom. et therm. interni menstruus.

	Manheimium.		Ratisbona.		Monachium.		St. Andex.	
Menses.	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
Jan.	27. 9,52	+ 3,38	26.11,56	— 0,30	26. 5,36	+ 7,69	25. 9,33	— 0,37
Febr.	27. 8,75	4,81	26.10,62	+ 1,69	26. 4,79	9,28	25. 8,65	+ 0,13
Mart.	27. 8,24	5,86	26.10,14	4,43	26. 4,12	10,69	25. 8,01	1,29
April.	27. 9,28	9,73	26.11,50	8,67	26. 5,00	11,86	25. 9,24	5,90
Maj.	27. 9,88	13,59	27. 0,48	13,36	26. 5,84	12,84	25.10,29	10,54
Jun.	27.10,10	16,66	27. 0,53	16,17	26. 6,12	15,16	25.10,81	12,67
Jul.	27.10,39	18,17	27. 0,98	17,19	26. 6,84	15,94	25.11,42	13,97
Aug.	27.10,32	16,80	27. 0,85	16,73	26. 6,17	15,25	25.11,15	13,52
Sept.	27.10,16	15,09	27. 0,73	14,96	26. 6,31	13,64	25.10,90	11,96
Oct.	27.10,25	10,21	27. 0,54	9,12	26. 5,79	11,08	25.10,29	7,11
Nov.	27. 9,52	6,63	26.11,55	4,30	26. 5,17	10,76	25. 9,28	2,46
Dec.	27. 9,14	3,96	26.11,11	0,69	26. 4,65	9,21	25. 8,61	— 0,55
Ex his medium.	27. 9,63	10,40	26.11,88	8,92	26. 5,51	11,95	25. 9,83	+ 6,55

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Tabula II.

Status barom. et therm. interni annuus.

	Manheimium.		Ratisbona.		Monachium.		St. Andex.	
Anni	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
1781	27. 9,94	+ 11,65	27. 0,43	+ 10,26	26. 5,70	+ 9,82	25.10,73	+ 7,76
1782	27. 9,36	9,86	26.11,90	8,57	26. 5,01	10,44	25. 9,91	5,96
1783	27. 9,56	10,96	27. 0,07	9,80	26. 5,35	13,40	25. 9,90	7,10
1784	27. 9,08	9,16	26.11,64	8,26	26. 5,50	12,57	25. 9,36	5,76
1785	27. 9,90	9,85	26.11,93	7,73	26. 5,77	11,89	25. 9,77	5,38
1786	27. 9,57	9,83	26.11,54	8,27	26. 5,31	11,90	25. 9,08	7,54
1787	27. 9,87	10,83	27. 0,34	9,37	26. 6,04	12,95	25.10,11	6,53
1788	27.19,08	10,94	26.11,82	9,17	26. 5,71	13,18	25.10,12	6,96
1789	27. 9,32	10,52	26.11,27	8,84	26. 5,23	11,60	25. 9,53	6,40
Ex his medium	27. 9,63	10,40	26.11,88	8,92	26. 5,51	11,95	25. 9,83	6,55

Tabula III.

Status barom. et therm. interni vniuersalis.

	Manheimium.		Ratisbona.		Monachium.		St. Andex.	
Nouem Anni	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
vniuersim	27.9,630	10,40	26.11,882	8,92	26.5,513	11,95	25,9,832	6,55

Alti-

Altitudines Locorum infra scriptorum Tabulae I. correspondentes.

Menses.	Ratisbona supra Manheimium.			Monachium supra Ratisbonam.			St. Andex supra Monachium.		
	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
Jan.	122,3619	238,49	817,13	78,9256	153,83	527,06	104,5237	203,72	698,01
Febr.	125,8360	245,26	840,33	75,0480	146,27	501,17	105,6584	205,93	705,58
Mart.	126,8331	247,20	846,99	78,4278	152,86	523,74	107,2284	208,99	716,07
April.	124,8089	243,26	833,47	85,4879	166,62	570,89	103,6965	202,11	692,48
Mai.	122,1398	238,06	815,65	88,2675	172,04	589,45	101,9534	198,71	680,84
Jun.	126,0151	245,61	841,53	86,2048	168,02	575,67	99,6273	194,18	665,31
Jul.	124,5001	242,66	831,41	82,7634	161,31	552,69	101,4142	197,66	677,24
Aug.	124,8075	243,25	833,46	89,9212	175,26	600,49	95,8282	186,77	639,94
Sept.	123,3264	240,37	823,57	85,7324	167,10	572,52	100,4138	195,71	670,56
Oct.	123,8069	241,30	826,78	88,4594	172,41	590,73	99,9941	194,89	667,76
Nov.	124,8852	243,41	833,98	82,7825	161,35	552,82	104,2611	203,21	696,25
Dec.	123,8555	241,40	827,10	82,8938	161,56	553,56	105,2390	205,11	702,78
Ex his media	124,4314	242,52	830,95	83,7429	163,22	559,23	102,4865	199,75	684,40

Inuenitur igitur Altitudo media.

Ratisbonae supra mare.			Monachii supra mare.			St. Andex supra Monachium.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
184,4543	359,51	1231,78	268,1972	522,73	1791,01	370,6837	722,48	2475,41

Alti-

Altitudines Locorum infra scriptorum Tabulae II. correspondentes.

Anni	Ratisbona supra Manheimium.			Monachium supra Ratisbonam.			St. Andex supra Monachium.		
	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
1781	122,0737	237,93	815,21	88,2054	171,92	589,03	92,6791	180,63	618,91
1782	120,6501	235,15	805,70	90,2321	175,87	602,57	94,4587	184,10	630,79
1783	121,6416	237,08	812,32	88,7825	173,04	592,89	100,0017	194,91	667,81
1784	120,1941	234,26	802,65	80,7310	157,35	539,12	108,8133	212,08	726,65
1785	126,7809	247,10	846,64	80,6897	157,27	538,84	106,5603	207,69	711,61
1786	127,8433	249,17	853,73	81,8243	159,45	546,32	110,3970	215,17	737,23
1787	121,8847	237,56	813,95	83,0242	161,82	554,43	106,0841	206,76	708,43
1788	131,2569	255,82	876,53	80,5853	157,06	538,15	101,7452	198,31	679,45
1789	128,5856	250,62	858,69	79,4219	154,80	530,38	102,8733	200,50	686,99
Ex his media	124,5457	242,74	831,71	83,7218	163,17	559,08	102,6236	200,02	685,32

Est igitur iuxta hasce determinationes Altitudo media.

Ratisbonae supra mare.			Monachii supra mare.			St. Andex supra mare.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
184,5358	359,66	1232,32	268,2576	522,83	1791,40	370,8812	722,85	2476,72

Altitudines Locorum infra scriptorum Tabulae III. correspondentes.

Nouem anni	Ratisbona supra Manheimium.			Monachium supra Ratisbonam.			St. Andex supra Monachium.		
	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
vniuersim	124,5351	242,72	831,64	83,7152	163,16	559,05	102,6384	200,05	685,42

Ex quibus resultant Altitudines Locorum infra scriptorum supra libellam maris mediterranei.

Ratisbona.			Monachium.			St. Andex.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
184,5293	359,65	1232,28	268,2445	522,81	1791,31	370,8829	722,86	2476,73

Obser-

Obseruationes barometricae et thermometricae singulis diebus trina vice partim per octo, partim per nouem annos institutae; et altitudines locorum infra scriptorum iuxta hasce obseruationes determinatae.

Tabula I.

Status barom. et therm. interni menstruus.

	Tegernsee pro 9 annis.		Peifsenberg pro 9 annis.		Peifsenberg pro 8 annis.		Mons S. Gotthardi pro 8 annis.	
Menses.	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
Jan.	25. 8,55	+ 0,96	24.10,83	— 0,19	24.10,80	— 0,20	21. 8,16	— 2,79
Febr.	25. 7,78	1,18	24. 9,70	— 0,17	24. 9,66	— 9,34	21. 7,43	— 2,99
Mart.	25. 7,24	2,37	24. 9,60	+ 0,99	24. 9,14	+ 0,72	21. 6,64	— 1,69
April.	25. 8,49	5,74	24.10,92	4,48	24.10,89	4,08	21. 9,11	+ 1,04
Maj.	25. 9,25	9,85	25. 0,23	8,79	25. 0,08	8,65	21.10,62	4,57
Jun.	25. 9,79	12,46	25. 0,51	11,42	25. 0,59	11,25	21.10,92	6,80
Jul.	25.10,72	14,15	25. 1.10	12.65	25. 0,98	12,65	22. 0,00	8,34
Aug.	25.10,40	13,48	25. 0,93	12,02	25. 0,84	11,80	22. 0,02	7,93
Sept.	25. 9,86	12,35	25. 0,68	10,45	25. 0,69	10,38	21.11,68	6,56
Oct.	25. 9,71	7,86	25. 0,02	5,31	24.11,95	5,41	21.10,26	2,71
Nov.	25. 8,25	3,98	24.10,74	1,67	24.10,79	1,54	21. 8,88	— 0,79
Dec.	25. 7,85	0,52	24.10,25	— 0,32	24.10,07	0,68	21. 7,87	— 2,50
Ex his medium.	25. 8,99	7,07	24.11,46	+5,59	24.11,37	+ 5,44	21. 9,63	+ 2,26

T a-

Tabula II.

Status barom. et therm. interni annuus.

	Tegernsee pro 9 annis.		Peifsenberg pro 9 annis.		Peifsenberg pro 8 annis.		Mons S. Gotthardi pro 8 annis.	
Anni	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
1781	25. 9,59	+ 7,76	25. 0,14	+ 6,79				
1782	25. 8,83	7,20	24.11,27	5,38	24. 11,27	+ 5,38	21. 9,02	+ 2,16
1783	25. 9,24	7,96	24.11,43	6,10	24. 11,43	6,10	21.10,00	2,92
1784	25. 8,58	6,51	24.11,05	4,87	24. 11,05	4,87	21. 9,31	1,90
1785	25. 8,77	6,13	24.11,36	4,87	24. 11,36	4,87	21. 9,77	2,07
1786	25. 8,66	6,64	24.11,12	5,02	24. 11,12	5,02	21. 9,57	2,01
1787	25. 9,38	7,51	24.11,89	6,20	24 11,89	6,20	21.10,27	2,36
1788	25. 9,23	7,22	24.11,73	5,52	24. 11,73	5,52	21. 9,59	2,72
1789	25. 8,63	6,74	24.11,14	5,55	24. 11,14	5,55	21. 9,54	1,97
Ex his medium	25. 8,99	7,07	24.11,46	5,59	24. 11,37	5,44	21. 9,63	2,26

Tabula III.

Status barom. et therm. interni vniuersalis.

	Tegernsee pro 9 annis.		Peifsenberg pro 9 annis.		Peifsenberg pro 8 annis.		Mons S. Gotthardi pro 8 annis.	
Nouem vel octo Anni	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius	Alt. barom. media	Gr. therm. medius
vniuersim	25.8,989	7,07	24.11,458	5,59	24.11,372	5,44	21.19,626	2,26

Alti-

Altitudines Locorum infra scriptorum Tabulae I. correspondentes.

Menses.	Tegernsee supra St. Andex.			Peifsenberg supra Tegernsee.			Mons S. Gotthardi supra Peifsenberg.		
	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
Jan.	10,1262	19,74	67,62	128,4341	250,32	857,68	550,4022	1072,75	3675,56
Febr.	11,3420	22,11	75,74	133,6849	260,56	892,74	545,8398	1063,86	3645,10
Mart.	10,1156	19,72	67,55	128,7437	250,93	859,75	554,3211	1080,37	3701,74
April.	10,0103	19,51	66,85	129,4568	252,32	864,51	548,1637	1068,39	3660,62
Mai.	14,1363	27,55	94,40	124,1080	241,89	828,79	551,7589	1075,40	3684,63
Jun.	13,9976	27,28	93,48	129,1263	251,67	862,30	560,6328	1092,69	3743,89
Jul.	9,6508	18,81	64,45	134,4533	262,05	897,88	552,7693	1077,37	3691,38
Aug.	10,3227	20,12	68,93	132,0591	257,39	881,89	548,8444	1069,72	3665,17
Sept.	14,2406	27,76	95,10	127,3578	248,22	850,49	548,4569	1068,96	3662,58
Oct.	7,7753	15,16	51,93	131,5202	256,34	878,29	548,7611	1069,55	3664,61
Nov.	13,5758	26,46	90,66	127,2779	248,07	849,96	544,3510	1060,95	3635,15
Dec.	9,8728	19,24	65,93	126,9387	247,41	847,69	544,8154	1061,87	3638,26
Ex his media	11,2639	21,95	75,22	129,4301	252,26	864,33	549,9264	1071,83	3672,39

Inuenitur igitur Altitudo media.

Tegernsee supra mare.			Peifsenberg supra mare.			Montis S. Gotthardi supra mare.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
381,9476	744,43	2550,63	511,3777	996,69	3414,96	1061,3041	2068,52	7087,35

Alti-

Altitudines Locorum infra scriptorum Tabulae II. correspondentes.

	Tegernsee supra St. Andex.			Peifsenberg supra Tegernsee.			Mons S. Gotthardi supra Peifsenberg.		
Anni	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
1781	15,2798	29,78	102,04	128,8005	251,04	860,13			
1782	14,4427	28,15	96,45	129,9124	253,26	867,55	558,0228	1087,61	3726,46
1783	8,8618	17,27	59,18	133,6758	260,54	892,68	546,9414	1066,01	3652,46
1784	10,4279	20,32	69,64	129,2373	251,89	863,04	549,4364	1070,87	3669,12
1785	13,3254	25,97	88,99	127,4101	248,33	850,84	546,7257	1065,59	3651,02
1786	5,6408	10,99	37,67	129,4225	252,25	864,28	546,6884	1065,52	3650,77
1787	9,7723	19,05	65,26	129,0781	251,58	861,98	548,3702	1068,79	3662,00
1788	11,9216	23,24	79,61	128,9687	251,36	861,25	556,3940	1084,43	3715,58
1789	12,0478	23,48	80,45	128,9491	251,33	861,12	548,1288	1068,32	3660,39
Ex his media	11,3022	22,03	75,48	129,4949	252,39	864,76	550,0885	1072,14	3673,48

Est igitur iuxta hasce determinationes Altitudo media.

Tegernsee supra mare.			Peifsenberg supra mare.			Montis S. Gotthardi supra mare.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
382,1834	744,88	2552,20	511,6783	997,27	3416,96	1061,7668	2069,41	7090,44

Alti-

Altitudines Locorum infra scriptorum Tabulae III. correspondentes.

	Tegernsee supra St. Andex.			Peiſsenberg supra Tegernsee.			Mons S. Gotthardi supra Peiſsenberg.		
Nouem vel octo anni	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
vuiuer-sim	11,2806	21,99	75,33	129,4801	252,36	864,66	550,1265	1072,22	3673,73

Ex quibus resultant Altitudines Locorum infra scriptorum supra libellam maris mediterranei.

Tegernsee.			Peiſsenberg.			Mons S. Gotthardi.		
Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.	Toises	Mètres	Ped. bauar.
382,1635	744,85	2552,06	511,6436	997,21	3416,72	1061,7701	2069,43	7090,45

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