

City	Country	School	Latitude (+N/-S) decimal(°)	Longitude (+E/-W) decimal(°)	Date	Gnomon height [cm]	Shadow length [cm]	Angle (°)
Agurain	Spain	Aniturri BHI	42.851	-2.392	21/03/2018	120	112	43
Aigio	Greece	1st High School of Aigio	38.252	22.079	06/03/2018	30	28.8	43.8
Aigio	Greece	1st High School of Aigio	38.252	22.079	20/03/2018	30	24	38.7
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.659	-64.417	06/03/2018	65.0	-31.0	-25.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.659	-64.417	07/03/2018	65	-31.6	-25.9
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.659	-64.417	08/03/2018	65	-32.2	-26.4
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.659	-64.417	09/03/2018	65.0	-32.8	-26.8
Andarai	Brazil	Clube de Astronomia do Rio de Janeiro	-22.927	-43.256	23/03/2018	17.7	-7.4	-22.7
Andritsaina	Greece	Gymnasio Andritsainas	37.484	21.909	20/03/2018	100	78	38
Aspropyrgos	Greece	2nd Primary School of Aspropyrgos	38.068	23.595	08/03/2018	100.0	120.0	50.2
Athens	Greece	Experimental School Agion Anargyron	38.027	23.849	16/03/2018	49	40.7	39.7
Athens	Greece	Experimental College Agion Anargyron	38.028	23.726	20/03/2018	50	39	38
Brazópolis	Brazil	Universidade Federal de Itajubá	-22.534	-45.582	05/03/2018	49	-14.3	-16.3
Brštanovo	Croatia	PS kneza Branimira	43.658	16.415	07/03/2018	100	114.3	48.8
Brštanovo	Croatia	PS kneza Branimira	43.658	16.415	08/03/2018	100.0	112.8	48.4
Brštanovo	Croatia	PS kneza Branimira	43.658	16.415	28/03/2018	100	85.6	40.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	01/03/2018	54.2	72	53
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	02/03/2018	12.2	16	52.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	05/03/2018	52	65	51.3
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	07/03/2018	10.6	13.0	50.8
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	08/03/2018	58	70	50.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	09/03/2018	64	71	48
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	12/03/2018	11	12.5	48.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	14/03/2018	72.2	80	47.9
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	15/03/2018	15	16.3	47.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	17/03/2018	32.0	34.0	46.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	21/03/2018	31.9	32	45.1
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	27/03/2018	29.3	27	42.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	28/03/2018	30.8	28	42.3
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	29/03/2018	41.2	37	41.9
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	30/03/2018	23	20.3	41.4
Chantilly	France	Experimental JHS of Agion Anargyron	49.194	2.487	29/03/2018	104.5	113	47.2
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	20/03/2018	410	-286	-34.9
Dholpur	India	Govt utkrist ups Saahanpur	26.68	77.976	13/03/2018	68	37	28.6
Dholpur	India	GSSS Tagawali	26.708	77.908	22/03/2018	240	110	24.6
Donji Muc	Croatia	PS kneza Branimira	43.694	16.462	09/03/2018	100	111.2	48
Donji Muć	Croatia	PS kneza Branimira	43.694	16.462	27/03/2018	100	86.3	40.8
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	11/03/2018	97.7	6.8	4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	17/03/2018	93.3	13.3	8.1
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	19/03/2018	93.3	14.2	8.7
Hyderabad	India	Space Adhyaan	17.385	78.487	20/03/2018	20.5	6.5	17.6
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	06/03/2018	100	95.8	43.8
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	07/03/2018	100	95	43.5
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	13/03/2018	100	99.2	44.8
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	21/03/2018	100	84.5	40.2
Ilion 11	Greece	11th Junior High School of Ilion	38.033	23.697	20/03/2018	39	30.5	38
Ilion 11	Greece	11th Junior High School of Ilion	38.033	23.697	22/03/2018	30.4	23.3	37.5
Ilion 11	Greece	11th Junior High School of Ilion	38.033	23.697	27/03/2018	30.4	21.8	35.6
Ilion 11	Greece	11th Junior High School of Ilion	38.033	23.697	29/03/2018	30.4	20.6	34.1
Ilion 11th	Greece	11th Junior High School of Ilion	38.033	23.697	08/03/2018	30.4	28.3	43
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	20/03/2018	100	110.5	47.9
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	22/03/2018	100	80	38.7
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	23/03/2018	100	84	40
Ilion 3	Greece	3rd Jynior High School of Ilion	38.037	23.712	27/03/2018	100	80	38.7
Ilion 3	Greece	3rd Junior High School of Ilion	38.037	23.712	08/03/2018	100.0	99.9	45.0
Ioannina	Greece	College Modele Zosimaïas Scholis Ioannina	39.667	20.85	15/03/2018	100	89.5	41.8
Ioannina	Greece	Collège Modèle Zosimaïas Scholis	39.655	20.846	20/03/2018	100	82.4	39.5
Itajubá	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	23/03/2018	47.3	-20.4	-23.3
Kuantan	Malaysia	SMK St. Thomas	3.827	103.338	22/03/2018	58.6	3.5	3.4
Kuantan	Malaysia	SMK St Thomas	3.827	103.338	27/03/2018	53	2.1	2.3
Kuantan	Malaysia	SMK St Thomas	3.827	103.338	28/03/2018	53	2.1	2.3
Kuantan	Malaysia	SMK St. Thomas	3.827	103.338	29/03/2018	53	0	0
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	08/03/2018	100.0	114.8	48.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	09/03/2018	100	113.7	48.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	12/03/2018	100	110	47.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	15/03/2018	100	106	46.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	16/03/2018	100	102.2	45.6

Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	19/03/2018	100	99	44.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.238	26/03/2018	100	90	42
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	29/03/2018	100	86	40.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	30/03/2018	100	84	40
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	12/03/2018	100	110	47.7
Margineni	Romania	Secondary School Gh, Popescu	44.533	24.554	13/03/2018	100	111.5	48.1
Margineni	Romania	Secondary School Gh, Popescu	44.533	24.554	19/03/2018	100	108	47.2
Margineni	Romania	Secondary School Gh, Popescu	44.533	24.544	28/03/2018	100	103	45.8
Margineni	Romania	Secondary School Gh, Popescu	44.533	24.544	29/03/2018	100	89	41.7
Margineni	Romania	Secondary School Gh, Popescu	44.533	24.544	30/03/2018	100	87.5	41.2
Nea Moudania	Greece	2nd primary school of New Moudania	40.243	23.281	21/03/2018	100	83	39.7
New Delhi	India	C V Raman Science Club	28.616	77.195	23/03/2018	28	14.6	27.5
Paris	France	Experimental School of Agion Anargyron	48.858	2.295	26/03/2018	41	43	46.4
Paysandú	Uruguay	Liceo N°1 de Paysandú	-32.316	-58.093	08/03/2018	97	-53	-28.7
Pergamino	Argentina	Cesar Arrigo	-33.923	-60.573	23/03/2018	210	-150	-35.5
Petroupolis	Greece	4th Junior High School	38.036	23.674	19/03/2018	52.3	41.6	38.5
Petroupolis	Greece	4th Junior High School of Petroupolis	38.036	23.674	20/03/2018	52.3	40.8	38
Petroupolis	Greece	4th Junior High School of Petroupolis	38.036	23.674	26/03/2018	52.3	37.9	35.9
Piraeus	Greece	2nd Junior High school of Korydallos	37.977	23.655	05/03/2018	100	91	42.3
Piraeus	Greece	2nd Junior High school of Korydallos	37.977	23.655	06/03/2018	100	96	43.8
Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655	15/03/2018	100	81	39
Piraeus	Greece	2nd junior High School of Korydallos	37.977	23.655	20/03/2018	100	78	38
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	01/03/2018	70	-18.5	-14.8
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	02/03/2018	70	-19.1	-15.3
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	07/03/2018	70	-21.6	-17.1
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	12/03/2018	70	-24.1	-19
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	13/03/2018	70	-24.8	-19.5
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	14/03/2018	70	-25.3	-19.9
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	22/03/2018	70	-29.6	-22.9
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	26/03/2018	70	-32.5	-24.9
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	27/03/2018	70	-32.3	-24.8
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	28/03/2018	70	-33.8	-25.8
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	29/03/2018	70	-34.6	-26.3
Pogana	Romania	Scoala Gimnaziala Nr.1	46.313	27.573	08/03/2018	30	37	51
Pogana	Romania	Scoala Gimnaziala Nr.1	46.313	27.573	09/03/2018	28.4	35	50.9
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	15/03/2018	100	118	49.7
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	16/03/2018	30.0	33.0	47.7
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	19/03/2018	30	31.5	46.4
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	27/03/2018	60	61	45.5
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	29/03/2018	57.4	54	43.3
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	30/03/2018	64	56	41.2
Quy Nhon	Vietnam	Center for Science Exploration	13.719	109.213	22/03/2018	146	33.7	13
Rhodes	Greece	2nd Experimental Primary School of Rhodes	36.45	28.371	20/03/2018	34.8	26.2	37
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	14/03/2018	53.5	-30.2	-29.4
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	16/03/2018	53.5	-30.2	-29.4
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	20/03/2018	19	-12.4	-33.1
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	29/03/2018	53.5	-35.4	-33.5
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	06/03/2018	30.0	-7.0	-13.1
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.89	-43.317	07/03/2018	30	-7	-13.1
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	15/03/2018	30	-9	-16.7
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	16/03/2018	30	-9	-16.7
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	19/03/2018	30	-10	-18.4
Rio de Janeiro	Brasil	CENOM	-22.89	-43.317	20/03/2018	100	-35	-19.3
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	21/03/2018	100	-40	-21.8
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	23/03/2018	30	-11	-20.1
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	26/03/2018	100	-44	-23.7
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	27/03/2018	100	-44	-23.7
Rio de Janeiro	Brazil	CENOM	-22.89	-43.317	28/03/2018	100	-45	-24.2
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	02/03/2018	31	8	14.5
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	09/03/2018	31	5.3	9.7
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	21/03/2018	31	3.3	6.1
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	27/03/2018	60.6	3.7	3.5
Rm Vâlcea	Romania	SG Nr4 Gradinita Dumbrava Minuata	45.093	24.358	20/03/2018	30	30.2	45.2
Saint-Just	France	Collège Louise Michel	49.502	2.425	16/03/2018	31.6	42.5	53.4
Saint-Just	France	Collège Louise Michel	49.502	2.425	20/03/2018	32.3	37.6	49.3
Tauragė	Lithuania	Tauragės Šaltinio progimnazija	55.256	22.3	21/03/2018	100	141	54.7
Úbeda	Spain	Colegio Salesiano Santo Domingo Savio	38.017	-3.367	20/03/2018	102.5	80	38
Úbeda	Spain	Colegio Salesiano Santo Domingo Savio	38.017	-3.367	21/03/2018	121	92	37.2