

City	Country	School	Latitude (+N/-S) decimal(°)	Longitude (+E/-W) decimal(°)	Date	Gnomon height [cm]	Shadow length [cm]	Angle (°)
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	01/05/2021	17.4	10.0	29.9
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	01/05/2021	29.5	9.0	17.0
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	01/05/2021	10.0	-2.0	-11.3
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	01/05/2021	17.5	-18.8	-47.1
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	01/05/2021	12.0	-14.4	-50.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	02/05/2021	100.0	56.8	29.6
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	02/05/2021	25.0	13.5	28.4
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	02/05/2021	10.0	-3.0	-16.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	02/05/2021	10.0	-7.0	-35.0
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	02/05/2021	17.5	-19.0	-47.4
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	02/05/2021	12.0	-14.6	-50.6
Merlara	Italy	D. Alighieri Lower secondary	45.166	11.445	03/05/2021	100.0	53.0	27.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	03/05/2021	200.0	106.5	28.0
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	03/05/2021	7.8	-1.3	-9.5
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	03/05/2021	10.0	-4.5	-24.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	03/05/2021	20.0	-13.0	-33.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	03/05/2021	20.0	-13.0	-33.0
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	03/05/2021	17.5	-19.2	-47.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	04/05/2021	100.0	55.5	29.0
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	04/05/2021	100.0	55.0	28.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	04/05/2021	20.0	-15.0	-36.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	04/05/2021	54.0	-43.0	-38.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	04/05/2021	12.0	-14.8	-51.0
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	05/05/2021	73.0	40.0	28.7
Athens	Greece	Experimental School Agion Anargyron	38.027	23.826	05/05/2021	28.0	11.4	22.2
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	05/05/2021	7.8	-1.4	-10.2
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	05/05/2021	10.0	-2.5	-14.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	05/05/2021	20.0	-13.0	-33.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	05/05/2021	54.0	-43.0	-38.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	05/05/2021	12.0	-15.0	-51.3
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	06/05/2021	74.0	40.1	28.5
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	06/05/2021	100.0	51.5	27.2
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	06/05/2021	29.0	8.0	15.4
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	06/05/2021	10	-3.5	-19.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	06/05/2021	20.0	-15.0	-36.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	06/05/2021	54.0	-43.0	-38.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	06/05/2021	17.5	-19.8	-48.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	06/05/2021	12.0	-15.1	-51.5
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	07/05/2021	31.7	17.0	28.2
Istanbul	Turkey	Zübeyde Hanım Secondary School	41.024	29.088	07/05/2021	21.0	10.5	26.6
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	07/05/2021	20.0	5.4	15.1
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	07/05/2021	10.0	-4.2	-22.8
Pelotas	Brazil	Universidade Federal de Pelotas	-31.775	-52.342	07/05/2021	13.5	-17.0	-51.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	07/05/2021	12.0	-15.3	-51.9
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	08/05/2021	10.0	-3.2	-17.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	08/05/2021	12.0	-15.5	-52.3
Garmisch	Germany	St.-Irmengard-Gymnasium	47.493	11.102	09/05/2021	10.0	5.7	29.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	09/05/2021	114.6	60.0	27.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	09/05/2021	10.0	-3.0	-16.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	09/05/2021	12.0	-15.6	-52.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	10/05/2021	251.0	130.0	27.4
Merlara	Italy	D. Alighieri Lower secondary	45.166	11.445	10/05/2021	100.0	48.0	25.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	10/05/2021	40.0	14.7	20.2
Athens	Greece	Experimental School Agion	38.027	23.826	10/05/2021	247.0	88.0	19.6
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	10/05/2021	17.0	5.5	17.9
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	10/05/2021	9.0	-1.8	-11.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	10/05/2021	10.0	-3.2	-17.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	10/05/2021	20.0	-16.0	-38.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	10/05/2021	20.0	-12.0	-31.0
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	10/05/2021	12.0	-15.7	-52.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	11/05/2021	123.0	63.0	27.1
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	11/05/2021	100.0	49.0	26.1
Athens	Greece	Experimental School Agion	38.027	23.826	11/05/2021	14.5	5.5	20.8
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	11/05/2021	15.5	3.9	14.1

Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	11/05/2021	7.8	-1.6	-11.6
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	11/05/2021	12.0	-15.9	-53.0
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	12/05/2021	7.8	-1.7	-12.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.89	-43.317	12/05/2021	20.0	-17.0	-40.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	12/05/2021	54.0	-43.0	-38.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	12/05/2021	12.0	-16.0	-53.1
Aigio	Greece	1st High School of Aigio	38.252	22.079	13/05/2021	30.0	10.7	-17.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	13/05/2021	10.0	-3.0	-52.3
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	13/05/2021	17.5	-21.3	29.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	13/05/2021	12.0	-16.2	27.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	14/05/2021	16.0	7.9	26.3
İstanbul	Turkey	Zübeyde Hanım Secondary School	41.024	29.088	14/05/2021	11.5	6.5	29.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	14/05/2021	17.5	-21.4	-50.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	14/05/2021	12.0	-16.3	-53.6
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	15/05/2021	38.2	8.9	13.1
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	15/05/2021	10	-4.5	-24.2
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	15/05/2021	54.0	-47.0	-41.0
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	15/05/2021	19.0	-23.3	-50.8
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	15/05/2021	12	-16.5	-54
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	16/05/2021	51	24.8	25.9
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	16/05/2021	10.7	2.4	12.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	16/05/2021	10.0	-3.0	-16.7
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	16/05/2021	19	-23.6	-51.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	17/05/2021	51.7	24.9	25.7
Merlara	Italy	D.Alighieri Lower Secondary	45.166	11.445	17/05/2021	100.0	48.0	25.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	17/05/2021	40.0	13.0	18.0
Athens	Greece	Experimental School Agion	38.027	23.826	17/05/2021	245.0	81.0	18.3
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	17/05/2021	12.0	-16.8	-54.5
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	18/05/2021	100.0	45	24.2
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	18/05/2021	21.5	7.0	18.0
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	18/05/2021	17.0	3.8	12.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	18/05/2021	10	-2.5	-14
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	18/05/2021	12.0	-16.9	-54.6
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	19/05/2021	17	5	16.4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	19/05/2021	7.8	-1.9	-13.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	19/05/2021	10.0	-3.0	-16.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	19/05/2021	12.0	-17.0	-54.8
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	20/05/2021	50.0	23.4	25.1
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	20/05/2021	100.0	45.0	24.2
Aigio	Greece	1st High School of Aigio	38.252	22.079	20/05/2021	30.0	9.8	18.1
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	20/05/2021	40.0	13	18.0
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	20/05/2021	18	3.9	12.2
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	20/05/2021	12	-3	-14
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	21/05/2021	37.5	17.4	24.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	21/05/2021	100	44.5	24
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	21/05/2021	40	12.5	17.4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	21/05/2021	12	-3	-14
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	21/05/2021	10	-3.2	-17.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	21/05/2021	54	-39	-35.8
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	21/05/2021	19	-24.5	-52.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	22/05/2021	87	40	24.7
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	22/05/2021	38	7.9	11.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	22/05/2021	10	-3	-16.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	22/05/2021	54	-49	-42.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	23/05/2021	87.7	40.0	24.5
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	23/05/2021	20.6	4.2	11.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	23/05/2021	19	-24.7	-52.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	24/05/2021	95	43	24.4
Athens	Greece	Experimental School Agion	38.027	23.726	24/05/2021	8	2.4	16.7
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	24/05/2021	15.8	4.4	15.6
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	24/05/2021	19.0	-24.7	-52.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	25/05/2021	122.5	55.0	24.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	25/05/2021	100.0	43.0	23.3
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	25/05/2021	17	4.5	14.8
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	25/05/2021	12	-3.2	-14.9
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	25/05/2021	16.4	-22.4	-53.8

Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	25/05/2021	6	-8.9	-56
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	25/05/2021	54.0	-47.0	-41.0
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	26/05/2021	32.5	9.0	15.5
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	26/05/2021	20	3.9	11
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	26/05/2021	19	-24.9	-52.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	26/05/2021	10	-4	-21.8
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	27/05/2021	100.0	42.0	22.8
Aigio	Greece	1st High School of Aigio	38.252	22.079	27/05/2021	30.0	9.1	16.9
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	27/05/2021	40.0	11.8	16.4
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	27/05/2021	32	6.1	10.8
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	27/05/2021	19.0	-25.3	-53.1
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	27/05/2021	6	-9	-56.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	28/05/2021	10.0	-3.0	-16.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	28/05/2021	54	-50	-42.8
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	28/05/2021	19	-25.3	-53.1
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	29/05/2021	10	-4	-21.8
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	29/05/2021	54.00	-50	-42.8
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	29/05/2021	19	-25.4	-53.2
Pelotas	Brazil	Universidade Federal de Pelotas	-31.775	-52.342	29/05/2021	26.5	-37	-54.4
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	29/05/2021	6.00	-9.1	-56.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	30/05/2021	10	-4	-21.8
Athens	Greece	Experimental School Agion	38.027	23.726	31/05/2021	15	4.2	15.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	31/05/2021	40.0	11.4	15.9
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	31/05/2021	10	-5	-26.6
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	31/05/2021	12	-3.4	-15.8