

City	Country	School	Latitude (+N/-S) decimal(°)	Longitude (+E/-W) decimal(°)	Date	Gnomon height [cm]	Shadow length [cm]	Angle (°)
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	01/09/2021	40.0	23.0	29.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	01/09/2021	100.0	73.0	36.1
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	01/09/2021	17.5	-14.3	-39.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	01/09/2021	11.0	-5.0	-24.4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	02/09/2021	15.2	-0.4	-1.5
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.28	02/09/2021	54.0	-27.0	-26.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	03/09/2021	40.0	23.6	30.5
Yarumal	Colombia	Institución Educativa San Luis	6.966	-75.416	03/09/2021	150.0	0.0	0.0
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	03/09/2021	15.1	-0.3	-1.1
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	03/09/2021	11.0	-5.0	-24.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	03/09/2021	54.0	-39.0	-35.8
Aigio	Greece	1st High School of Aigio	38.252	22.079	04/09/2021	17.0	10.5	31.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	04/09/2021	11.0	-5.0	-24.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	04/09/2021	54.0	-33.0	-31.4
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	05/09/2021	25.0	19.0	37.2
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	05/09/2021	17.5	-13.5	-37.6
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	06/09/2021	25.0	19.5	38.0
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	06/09/2021	15.1	0.0	0.0
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	06/09/2021	11.0	-3.0	-15.3
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	06/09/2021	17.5	-13.1	-36.8
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	07/09/2021	100.0	79.0	38.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	08/09/2021	11.0	-5.0	-24.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	08/09/2021	54.0	-31.0	-29.9
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	08/09/2021	17.5	-12.8	-36.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	09/09/2021	100	83.0	39.7
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	09/09/2021	11.0	-5.0	-24.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	09/09/2021	54.0	-24.0	-24.0
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	10/09/2021	100.0	82.0	39.4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	10/09/2021	15.0	0.4	1.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	10/09/2021	17.5	-12.7	-36.0
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	64.414	13/09/2021	18.0	-12.3	-34.3
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	13/09/2021	40	27.3	34.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	13/09/2021	100	85.0	40.4
Medellín	Colombia	Grupo Astrofánaticos	6.231	-75.591	13/09/2021	7.5	0.4	3.1
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	13/09/2021	54.0	-27.0	-26.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	13/09/2021	11.0	-3.0	-15.3
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	14/09/2021	20.0	13.0	33.0
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	14/09/2021	49.0	33.8	34.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	14/09/2021	11	-3	-15.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	14/09/2021	20.0	-10.0	-26.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	14/09/2021	54.0	-27.0	-26.6
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	14/09/2021	12	-9.4	-37.9
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	15/09/2021	20.0	-10.0	-26.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	15/09/2021	54.0	-27.0	-26.6
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.646	-64.414	15/09/2021	13.0	-8.8	-34.1
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	16/09/2021	50.0	46.4	42.9
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	16/09/2021	100.0	57.1	29.7
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	16/09/2021	7.4	0.5	3.9
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	16/09/2021	11.0	-6.0	-28.6
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	16/09/2021	13.0	-8.8	-34.1
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	16/09/2021	12.0	-9.1	-37.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	17/09/2021	100.0	90.5	42.1
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	17/09/2021	30.0	21.7	35.9
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	17/09/2021	100.0	58.1	30.2
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	17/09/2021	11.0	-2.0	-10.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	17/09/2021	20.0	-10.0	-26.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	17/09/2021	54.0	-11.0	-11.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	17/09/2021	13.0	-8.6	-33.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	17/09/2021	12.0	-9.0	-36.9
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	18/09/2021	30.0	22.1	36.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	18/09/2021	54.0	-27.0	-26.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	20/09/2021	30.5	30.0	44.5
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	20/09/2021	100.0	94.0	43.2
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	20/09/2021	30.0	22.6	37.0

Úbeda	Spain	Colegio Salesiano Santo Domingo	38.017	-3.367	20/09/2021	30.8	23.0	36.8
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	20/09/2021	45.0	27.6	31.5
Bayamón	Puerto Rico	AECM Carribean University	18.383	-66.168	20/09/2021	25.0	8.2	18.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	20/09/2021	20.0	-10.0	-26.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	20/09/2021	54.0	-22.0	-22.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	21/09/2021	70.0	69.7	44.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	21/09/2021	100.0	95.5	43.7
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	21/09/2021	40.0	30.8	37.6
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	21/09/2021	76.0	47.3	31.9
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	21/09/2021	34	-14.5	-23.1
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	21/09/2021	20	-9	-24.2
Chivilcoy	Argentina	Escola Municipal Bento Ribeiro	-22.904	-43.280	21/09/2021	54.0	-26.0	-25.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	21/09/2021	12.0	-8.5	-35.3
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	22/09/2021	29.7	30	45.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	22/09/2021	200	194	44.1
Aigio	Greece	1st High School of Aigio	38.252	22.079	22/09/2021	30	23	37.5
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	22/09/2021	100.0	78.0	38.0
Úbeda	Spain	Colegio Salesiano Santo Domingo	38.017	-3.367	22/09/2021	30.8	24	37.9
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	22/09/2021	49	39.3	38.7
Mohammedia	Tunisia	Lycée Mohamdia III	36.674	10.156	22/09/2021	46.5	30.5	33.3
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	22/09/2021	100.0	63.2	32.3
Bayamón	Puerto Rico	AECM Carribean University	18.383	-66.168	22/09/2021	25.0	7.5	16.7
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	22/09/2021	15.1	1.7	6.4
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	22/09/2021	20.0	-9	-24.2
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	22/09/2021	54.0	-23.0	-23.1
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	22/09/2021	13.0	-8.0	-31.6
Pelotas	Brazil	Federal University of Pelotas	-31.772	-52.329	22/09/2021	57	-42	-36.4
Úbeda	Spain	Colegio Salesiano Santo Domingo	38.017	-3.367	23/09/2021	30.8	24.2	38.2
Dholpur Dhanora	India	Mahatma Gandhi Govt School	26.658	77.667	23/09/2021	58	31	28.1
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	24/09/2021	38.5	40.0	46.1
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	24/09/2021	100.0	80.2	38.7
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	24/09/2021	49.0	40.0	39.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	24/09/2021	20.0	-8.0	-21.8
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	24/09/2021	54.0	-26.0	-25.7
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	24/09/2021	52.5	-34.0	-32.9
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	24/09/2021	12.1	-8.2	-34.1
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	26/09/2021	54	-26	-25.7
Buenos Aires	Argentina	ESCUELA N° 24 DE N° 20	-34.675	-58.483	26/09/2021	6	-6	-45
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	27/09/2021	50	54.2	47.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	27/09/2021	100	103	45.8
Irbid	Jordan	Mashar'eh Military School	32.405	35.588	27/09/2021	36	24.6	34.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	27/09/2021	11	-1.2	-6.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	27/09/2021	20	-9	-24.2
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	27/09/2021	11	-1.2	-6.2
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	27/09/2021	13	-7.1	-28.6
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	28/09/2021	11	-2	-10.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	28/09/2021	20	-8	-21.8
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	28/09/2021	54	-20	-20.3
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	29/09/2021	11	-2	-10.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	29/09/2021	20	-8	-21.8
Meier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	29/09/2021	54.0	-20.0	-20.3
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	29/09/2021	52.5	-33.5	-32.5
Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868	29/09/2021	49	42	40.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	30/09/2021	51.3	58	48.5
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	30/09/2021	100	108	47.2
Santarém	Brazil	Santarém Adventist College	-2.439	-54.699	30/09/2021	11	-1.5	-7.8