

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	01/12/2020	60.0	143.4	67.3
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	01/12/2020	5.0	-1.0	-11.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	02/12/2020	20.0	-1.0	-2.9
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	03/12/2020	100.0	230.1	66.5
Úbeda	Spain	Colegio Salesiano Santo Domingo	38.017	-3.367	03/12/2020	115.3	199.4	60.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	03/12/2020	30.0	-3.0	-5.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	03/12/2020	20.0	-1.0	-2.9
Dnipro	Ukraine	#126 School	48.405	35.007	04/12/2020	25.0	64.0	68.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	04/12/2020	100.0	237.0	67.1
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	04/12/2020	28.0	52.0	61.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	04/12/2020	20.0	-1.0	-2.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	04/12/2020	24.0	-1.0	-2.4
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	05/12/2020	34.1	-7.5	-12.4
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	06/12/2020	27.0	49.0	61.1
Dholpur	India	Mahatma Gandhi Govt School	26.689	77.900	06/12/2020	37.0	41.0	47.9
Mumbai	India	Atomic Energy Central School - 6	19.037	72.912	06/12/2020	100.0	83.0	39.7
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	06/12/2020	52.5	-10.0	-10.8
Dnipropetrovsk	Ukraine	#126 School	48.405	35.007	07/12/2020	25.0	54.0	65.2
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	07/12/2020	26.0	46.0	60.5
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	07/12/2020	28.0	52.0	61.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	08/12/2020	100.0	237.0	67.1
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	08/12/2020	20.6	36.8	60.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	08/12/2020	20.0	-0.7	-2.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	08/12/2020	24.0	-0.5	-1.2
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	09/12/2020	24.5	46.5	62.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	09/12/2020	20.0	-0.7	-2.0
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	09/12/2020	23.5	-5.0	-12.0
Dnipropetrovsk	Ukraine	#126 School	48.405	35.007	10/12/2020	22.0	64.0	71.0
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	10/12/2020	33.5	-7.0	-11.8
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	12/12/2020	25	-2	-4.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	12/12/2020	20.0	-1.0	-2.9
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	13/12/2020	48.0	88.0	61.4
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	14/12/2020	7.6	4.3	29.5
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	14/12/2020	20.0	-0.7	-2.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	14/12/2020	17.0	-1.0	-3.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	15/12/2020	75.0	192.0	68.7
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	15/12/2020	21.0	38.0	61.1
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	15/12/2020	7.6	4.2	28.9
Athens	Greece	Experimental School Agion Anargyron	38.027	23.726	16/12/2020	28.0	54.0	62.6
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	16/12/2020	39.0	100.0	68.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	16/12/2020	20.0	-1.0	-2.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	16/12/2020	20.0	-2.0	-5.7
Garmisch	Germany	St.-Irmengard-Gymnasium	47.493	11.102	17/12/2020	14.0	40.0	70.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	17/12/2020	100.0	241.0	67.5
Garmisch	Germany	St.-Irmengard-Gymnasium	47.493	11.102	18/12/2020	14.0	40.5	70.9
Aigio	Greece	1st High School of Aigio	38.252	22.079	18/12/2020	17.0	32.0	62.0
Athens	Greece	Experimental School Agion	38.027	23.726	18/12/2020	16.0	28.0	60.3
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	18/12/2020	17.5	-2.5	-8.1
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	19/12/2020	20.0	51.6	68.8
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	19/12/2020	24.5	45.0	61.4
Athens	Greece	Experimental School Agion	38.027	23.726	19/12/2020	25.0	45.5	61.2
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	19/12/2020	17.5	-2.5	-8.1
Garmisch	Germany	St.-Irmengard-Gymnasium	47.493	11.102	20/12/2020	52.0	150.0	70.9
Mumbai	India	Atomic Energy Central School - 6	19.037	72.912	20/12/2020	18.0	15.0	39.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	20/12/2020	20.0	0.4	1.1
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	20/12/2020	48.0	4.0	4.8
Garmisch	Germany	St.-Irmengard-Gymnasium	47.493	11.102	21/12/2020	14.0	40.5	70.9
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	21/12/2020	100.0	258.4	68.8
Aigio	Greece	1st High School of Aigio	38.252	22.079	21/12/2020	17.0	31.4	61.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	21/12/2020	27.5	50.5	61.4
Athens	Greece	Experimental School Agion	38.027	23.726	21/12/2020	28.0	53.7	62.5
Úbeda	Spain	Colegio Salesiano Santo Domingo	38.017	-3.367	21/12/2020	30.1	55.7	61.6

Yamunanagar	India	Govt. Model Sanskriti Sr. Sec.	30.123	77.264	21/12/2020	37.0	51.2	54.1
Kanpur	India	Padampat Singhania Education	26.473	80.311	21/12/2020	100.0	111.4	48.1
Mumbai	India	Atomic Energy Central School - 6	19.037	72.912	21/12/2020	61.0	55.8	42.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	21/12/2020	64.4	-13.1	-11.5
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	21/12/2020	17.5	-2.5	-8.1
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	21/12/2020	7.6	4.3	29.5
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	21/12/2020	20.0	0.2	0.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	21/12/2020	22.0	2.0	5.2
Andarai	Brazil	Clube de Astronomia do Rio de	-22.927	-43.256	21/12/2020	20.0	0.5	1.4
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	21/12/2020	100.0	245.8	67.9
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	22/12/2020	24.6	-5.0	-11.5