

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	01/01//2021	40.0	72.2	61.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	01/01//2021	20.0	0.0	0.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	01/01//2021	16.0	0.0	0.0
Dorohoi	Romania	Colegiul Național Grigore Ghica	47.953	26.394	02/01//2021	16.0	54.0	73.5
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	02/01//2021	48.0	-10.3	-12.1
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	03/01//2021	26.0	3.0	6.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	04/01//2021	20.0	0.2	0.6
Athens	Greece	Experimetal School Agion Anargyron	38.027	23.726	05/01/2021	28.0	50.9	61.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	06/01//2021	20.0	0.0	0.0
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	07/01/2021	100.0	228.0	66.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	07/01/2021	20.0	0.0	0.0
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	07/01/2021	34.9	-7.8	-12.6
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	07/01/2021	5.6	3.0	28.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	08/01/2021	100.0	227.0	66.2
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	08/01/2021	43.0	2.0	2.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	08/01/2021	29.0	-6.6	-12.8
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	09/01/2021	28.8	-6.6	-12.9
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	10/01/2021	20.0	0.0	0.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	10/01/2021	11.0	0.0	-0.1
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	11/01//2021	26.0	44.5	59.7
Athens	Greece	Experimetal School Agion Anargyron	38.027	23.726	11/01/2021	28.0	51.0	61.2
São Mateus	Brazil	Escola Estadual de Ensino Médio	-18.716	-39.856	11/01/2021	11.0	-1.0	-5.2
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	12/01/2021	203.0	-48.0	-13.3
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	13/01/2021	250.0	-60.0	-13.5
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	13/01/2021	10.0	-1.0	-5.7
Athens	Greece	Experimetal School Agion Anargyron	38.027	23.726	13/01/2021	28.0	50.0	60.8
Aigio	Greece	1st High School of Aigio	38.252	22.079	14/01/2021	17.0	29.0	59.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	14/01/2021	20.0	-0.2	-0.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	14/01/2021	25.0	-2.0	-4.6
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	15/01/2021	100	218	65.4
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	15/01/2021	20.0	-0.1	-0.3
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	15/01/2021	47.0	-2.0	-2.4
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	16/01/2021	20.0	-0.2	-0.6
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	16/01/2021	31.0	-1.0	-1.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	17/01/2021	20.0	-0.5	-1.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	17/01/2021	10.0	-1.0	-5.7
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	18/01/2021	17.5	-3.4	-11.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	18/01/2021	20.0	-0.3	-0.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	18/01/2021	7.0	-0.5	-4.1
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	18/01/2021	10.5	5.3	26.8
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	19/01/2021	100.0	211.0	64.6
Athens	Greece	Experimetal School Agion	38.027	23.726	19/01/2021	28.0	47.0	59.2
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	19/01/2021	20.0	-0.3	-0.9
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	19/01/2021	10.0	-1.0	-5.7
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	19/01/2021	17.5	-3.5	-11.3
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	19/01/2021	21.0	-5.5	-14.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	20/01/2021	31.0	-1.0	-1.8
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	21/01/2021	100.0	208.0	64.3
Athens	Greece	Experimetal School Agion	38.027	23.726	21/01/2021	28.0	46.5	58.9
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	21/01/2021	10.5	5.2	26.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	21/01/2021	20.0	-6.0	-16.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	21/01/2021	16.0	-0.2	-0.7
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	21/01/2021	17.5	-3.6	-11.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	22/01/2021	20.0	-0.7	-2.0
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	22/01/2021	10.0	-0.5	-2.9
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	22/01/2021	17.5	-3.7	-11.9
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	22/01/2021	32.0	-8.8	-15.4
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	23/01/2021	10.0	-0.3	-1.7
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	23/01/2021	10.0	-0.3	-1.7
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	23/01/2021	44.5	-12.5	-15.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	24/01/2021	10.0	-0.2	-1.1
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	24/01/2021	10.0	-0.5	-2.9
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	25/01/2021	26.0	40.0	57.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	25/01/2021	20.0	-0.5	-1.4

Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	25/01/2021	33.0	-0.2	-0.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	26/01/2021	20.0	-0.5	-1.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	26/01/2021	17.0	-0.2	-0.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	27/01/2021	20.0	-0.5	-1.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	27/01/2021	5.0	-0.2	-2.3
Alta Gracia	Argentina	Fundacion Caminos de Anisacate	-31.656	-64.414	27/01/2021	17.5	-4.0	-12.9
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	27/01/2021	37.9	-11.3	-16.6
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	28/01/2021	100.0	188.0	62.0
Úbeda	Spain	Santo Domingo Savio	38.017	-3.367	28/01/2021	30.1	44.6	56.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	28/01/2021	22.0	-0.3	-0.8
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	28/01/2021	20.0	-0.5	-1.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	29/01/2021	76.0	150.2	63.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	29/01/2021	100.0	185.0	61.6
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	29/01/2021	12.0	17.5	55.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	29/01/2021	20	-0.5	-1.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	29/01/2021	8	-0.3	-2.1
Chivilcoy	Argentina	Parque Cielos del Sur	-34.911	-60.014	29/01/2021	36.8	-11.4	-17.2
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	30/01/2021	16.0	24.6	57.0
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	30/01/2021	16	-0.3	-1.1
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	30/01/2021	17	-0.5	-1.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	31/01/2021	16	-0.4	-1.4
Méier	Brazil	Escola Municipal Bento Ribeiro	-22.904	-43.280	31/01/2021	34.0	-0.5	-0.8