

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	02/05/2018	100	57	29.7
Râmnicu Vâlcea	Romania	SG Nr4 Gradinita Dumbrava Minuata	45.093	24.358	02/05/2018	30	16.8	29.2
Itajubá	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	02/05/2018	47.3	-36.7	-37.8
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	03/05/2018	30	18	31
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	03/05/2018	100	56.3	29.4
Râmnicu Vâlcea	Romania	SG Nr4 Gradinita Dumbrava Minuata	45.093	24.358	03/05/2018	30	16.6	29
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	03/05/2018	100	55.6	29.1
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	03/05/2018	30.4	12.3	22
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	03/05/2018	70	-54.4	-37.9
Paysandú	Uruguay	Liceo N°1 de Paysandú	-32.316	-58.093	03/05/2018	97	-101	30.5
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	04/05/2018	60	35.4	30.5
Margineni	Romania	Secondary School Gh. Popescu	44.553	24.554	04/05/2018	100	54.4	28.5
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	04/05/2018	100	55.7	29.1
Yamunanagar	India	GSSS Camp Jain Colony	30.121	77.263	04/05/2018	36.7	9.2	14.1
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	04/05/2018	70.0	-56.0	-38.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	04/05/2018	100.0	-74.0	-36.5
Cernay	France	Collège René Cassin	47.814	7.182	07/05/2018	368.5	220	30.8
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	07/05/2018	60	34.2	29.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	07/05/2018	26	14	28.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	07/05/2018	100	53	27.9
Itajubá	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	07/05/2018	47.3	-38.6	-39.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	08/05/2018	100	53.1	28
Râmnicu Vâlcea	Romania	SG Nr4 Gradinita Dumbrava Minuata	45.093	24.358	08/05/2018	30.0	15.7	27.6
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	08/05/2018	100.0	51.8	27.4
Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655	08/05/2018	100.0	38.0	20.8
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	09/05/2018	100.0	52.5	27.7
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	09/05/2018	100	51.5	27.2
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	09/05/2018	30.4	11.5	20.7
Athens	Greece	Experimental School Agion Aanargyron	38.027	23.726	09/05/2018	246	90	20.1
Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655	09/05/2018	100	37.5	20.6
Hyderabad	India	Space Adhyaan	17.385	78.487	09/05/2018	100	0	0
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	10/05/2018	27	14	27.4
Donji Muć	Croatia	PS kneza Branimira	43.694	16.462	10/05/2018	100	48	25.6
Brštanovo	Croatia	PS kneza Branimira	43.658	16.415	10/05/2018	100	48.6	25.9
Bizerte	Tunis	Ecole primaire Raouebi Bizerte	37.284	9.868	10/05/2018	110.0	45.0	22.2
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	11/05/2018	60	32.4	28.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	11/05/2018	100	51.4	27.2
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.544	11/05/2018	100	50.2	26.7
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	11/05/2018	100	48.7	26
Petroupoli	Greece	4th Junior High School of Petroupolis	38.036	23.674	11/05/2018	52.3	19	20
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	11/05/2018	100	-82	-39.4
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	11/05/2018	53.5	-63.5	-49.9
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	12/05/2018	31	-6.9	-12.5
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	14/05/2018	42.2	21	26.5
Aigio	Greece	1st High School of Aigio	38.252	22.079	14/05/2018	30	10.7	19.6
Petroupoli	Greece	4th Junior High School of Petroupolis	38.036	23.674	14/05/2018	52.3	18.4	19.4
Bizerte	Tunisie	Ecole primaire Raouebi Bizerte	37.284	9.868	14/05/2018	36.5	12	18.2
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	14/05/2018	31	-7	-12.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	14/05/2018	100	-82	-39.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	15/05/2018	30	14.8	26.3
Guarne	Colombia	Grupo Astrofánaticos	6.274	-75.447	15/05/2018	31	-7	-12.7
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	15/05/2018	100	-82	-39.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	16/05/2018	44	21.5	26
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.544	16/05/2018	100	50	26.6
Itajuba	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	16/05/2018	47.3	-41.5	-41.3
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	16/05/2018	100	-82	-39.4
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	17/05/2018	60	31	27.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	17/05/2018	100	46.7	25
Ilion	Greece	11th Junior High School of Ilion	38.033	23.697	17/05/2018	30.4	10.3	18.7
Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655	17/05/2018	100.0	33.0	18.3
Itajuba	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	17/05/2018	47.3	-42.1	-41.7
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	18/05/2018	100	47.8	25.5
Râmnicu Vâlcea	Romania	SG Nr4 Gradinita Dumbrava Minuata	45.093	24.358	18/05/2018	30	14.1	25.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	18/05/2018	100	46	24.7
Itajuba	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	18/05/2018	47.3	-42.6	-42
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	18/05/2018	100	-82	-39.4
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	21/05/2018	86	40	24.9

Petroupoli	Greece	4th Junior High School	38.036	23.674	21/05/2018	52.3	16.8	17.8
Bizerte	Tunisie	Ecole primaire Raouebi	37.284	9.868	21/05/2018	30.5	9.5	17.3
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	21/05/2018	70	-64.9	-42.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	21/05/2018	100	-86	-40.7
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	22/05/2018	60	29.5	26.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	22/05/2018	100	46.1	24.7
Itajuba	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	22/05/2018	47.3	-43.8	-42.8
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	22/05/2018	100	-86	-40.7
Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351	22/05/2018	53.5	-71	-53
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	23/05/2018	60	29.1	25.9
Margineni	Romania	Secondary School Gh. Popescu	44.533	24.554	23/05/2018	100	44.6	24
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	23/05/2018	100	45.7	24.6
Beypazarı	Turkey	Erasmus + project	40.208	32.014	23/05/2018	30.4	9.3	17
Itajuba	Brazil	Universidade Federal de Itajubá	-22.415	-45.449	23/05/2018	47.3	-44.1	-43
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	24/05/2018	100	43	23.3
Ioannina	Greece	Collège Modèle Zosimaias Scholis	39.655	20.845	24/05/2018	100	33.6	18.6
Çavuşin	Turkey	Erasmus+ project	38.675	34.862	24/05/2018	30.4	9	16.5
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	24/05/2018	22	-5.7	-14.5
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535	24/05/2018	70	-66.5	-43.5
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	24/05/2018	100	-86	-40.7
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	25/05/2018	30	13.9	24.9
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	25/05/2018	100	45	24.2
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	25/05/2018	100	42.8	23.2
Ankara	Turkey	Erasmus+ project	39.948	32.617	25/05/2018	30.4	10	18.2
Bizerte	Tunisie	Ecole primaire Raouebi Bizerte	37.284	9.868	25/05/2018	30.5	9	16.4
Cernay	France	Collège René Cassin	47.814	7.182	28/05/2018	368.5	183	26.4
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	28/05/2018	100	41.7	22.6
Bizerte	Tunisia	Ecole primaire Raouebi Bizerte	37.284	9.868	28/05/2018	30.5	9.2	16.8
Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359	28/05/2018	31	-8.4	-15.2
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.585	28/05/2018	70	-67.7	-44
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	28/05/2018	100	-87	-41
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	29/05/2018	100	43.6	23.6
Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317	29/05/2018	100	-89	-41.7
Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575	30/05/2018	60	27	24.2
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	30/05/2018	100	43.3	23.4
Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.585	30/05/2018	70	-68.4	-44.3
Busteni	Romania	Scoala Gimnaziala Sanatoriala	45.416	25.535	31/05/2018	100	43	23.3
Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237	31/05/2018	100	41	22.3
Bizerte	Tunisie	Ecole primaire Raouebi Bizerte	37.284	9.868	31/05/2018	30.5	9	16.4
Rionegro	Colombia	Colegio Campestre San Nicolás	6.274	-75.447	31/05/2018	23	-6.3	-15.3