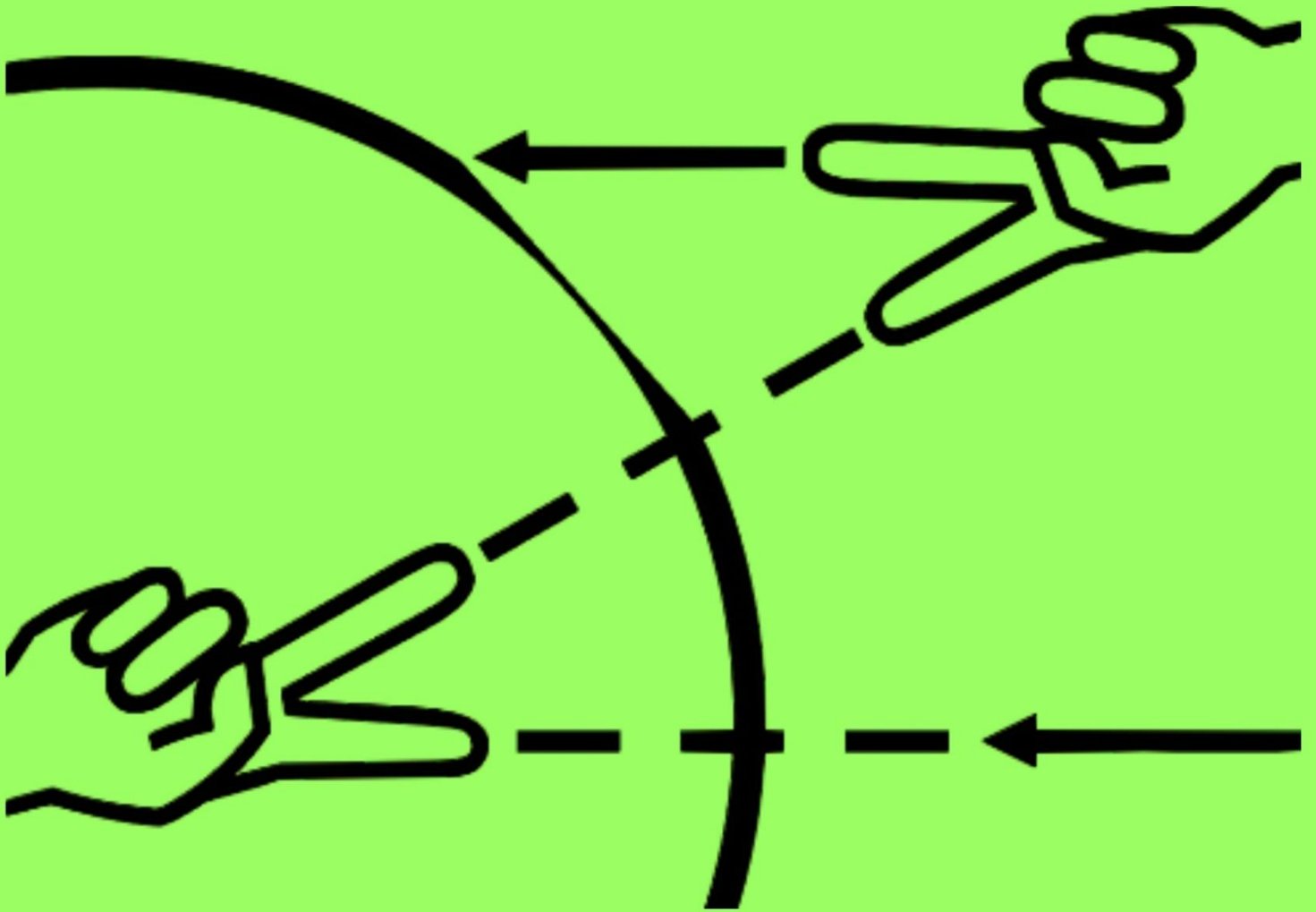


Eratostrhenes



4 Continents

11 Countries

27 Schools

107 Measures

4 Continents **11** Countries **27** Schools **107** Measures

ARGENTINA (1)

Rio Cuarto

BRAZIL (3)

Itajubá, Piranguinho, Rio de Janeiro (3)

COLOMBIA (2)

Guarne, Rionegro

CROATIA (2)

Brštanovo, Donji Muć

FRANCE (2)

Cernay, Lafrançaise

GREECE (5)

Aigio, Athens Ilion, Ioannina, Petroupoli, Piraeus

INDIA (2)

Hyderabad, Yamunanagar

ROMANIA (4)

Busteni, Mărgineni, Pogana, Râmnicu Vâlcea

TUNISIA (1)

Bizerte

TURKEY (3)

Ankara, Beypazarı, Çavuşin

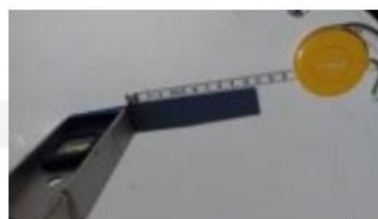
URUGUAY (1)

Paysandú

Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Aigio	Greece	1st High School of Aigio	38.252	22.079
	Ankara	Turkey	Erasmus+ project	39.948	32.617
	Athens	Greece	Experimental College Agion Anargyron	38.027	23.726
	Beypazarı	Turkey	Erasmus+ project	40.208	32.014
	Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868
	Brštanovo	Croatia	Osnovna škola kneza Branimira	43.658	16.415
	Busteni	Romania	Colegiul Ion Kalinderu	45.416	25.535
	Çavuşin	Turkey	Erasmus+ project	38.675	34.862
	Cernay	France	Collège René Cassin	47.814	7.183
	Donji Muć	Croatia	oš kneza Branimira	43.694	16.462
	Guarne	Colombia	Grupo Astrofanáticos	6.274	-75.449
	Hyderabad	India	Space Adhyaan	17.385	78.487
	Ilion	Greece	11th JuniorHigh School of Ilion	38.033	23.697
	Ioannina	Greece	Experimental College	39.655	20.846
	Itajubá	Brazil	Universidade Federal de Itajubá	-22.415	-45.449
	Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237
	Mărgineni	Romania	Gh. Popescu School	44.533	24.554
	Paysandú	Uruguay	Liceo N° 1 de Paysandú	-32.316	-58.093
	Petroupoli	Greece	4o Junior High School	38.036	23.674
	Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655
	Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535
	Pogana	Romania	Scoala Gimnaziala Nr. 1 Pogana	46.313	27.575
	Râmnicu Vâlcea	Romania	S.G. Nr4 Gradinita Dumbrava Minuata	45.093	24.358
	Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351
	Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317
	Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359
	Yamunanagar	India	GSSS Camp Jain Colony	30.121	77.263

Aigio, Greece

May 2018

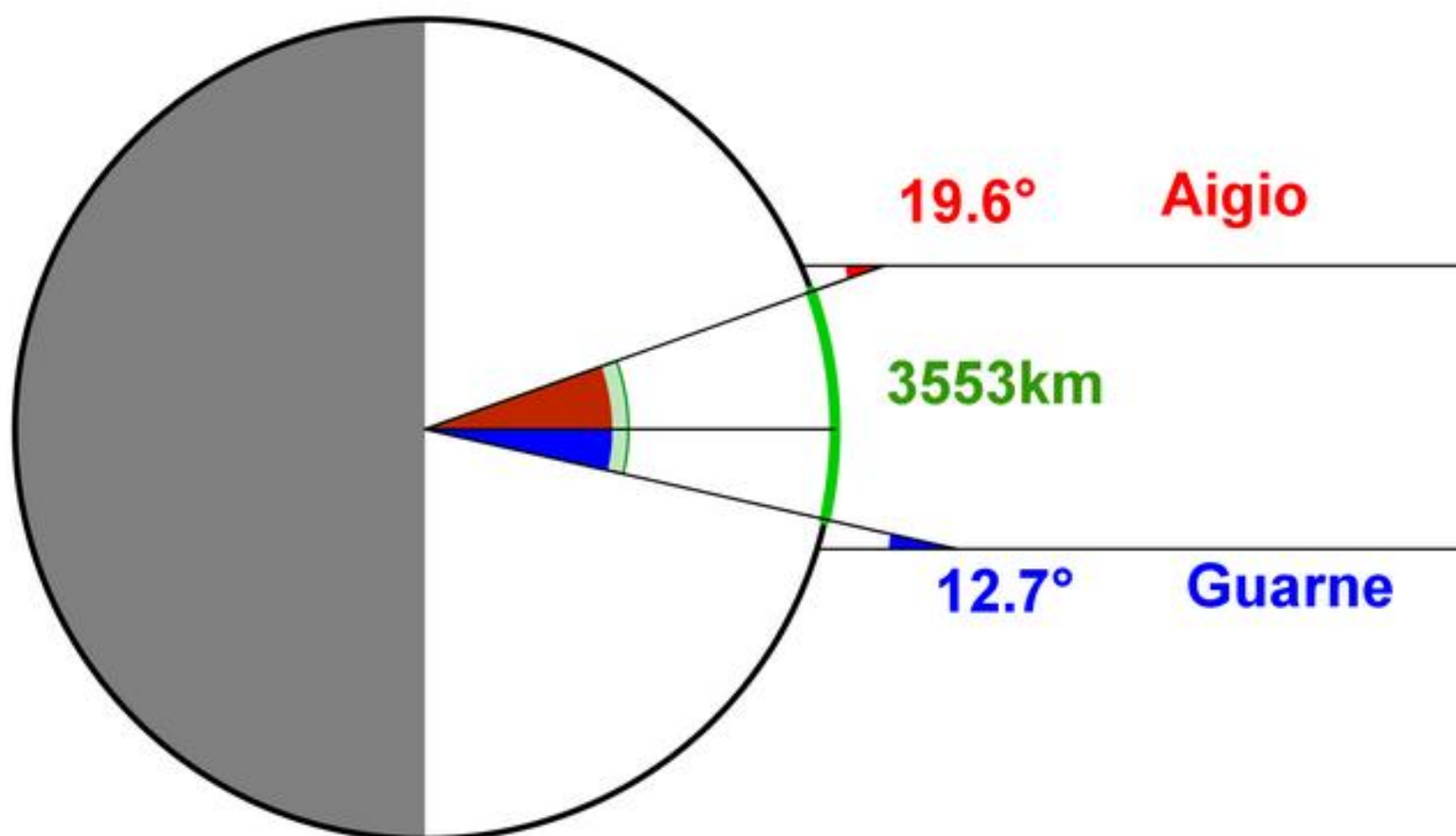


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Aigio	Greece	1st High School of Aigio	38.252	22.079

Date	Gnomon	Shadow	Angle
14 May 2018	30 cm	10.7 cm	19.6 °

14/05/2018 (Aigio-Greece) Latitude: 38.252°

14/05/2018 (Guarne-Colombia) Latitude: 6.274°



$$\text{circumference} = \frac{360^\circ \times 3553\text{km}}{19.6^\circ + 12.7^\circ} = 39600 \text{ km}$$



Ankara, Turkey

May 2018

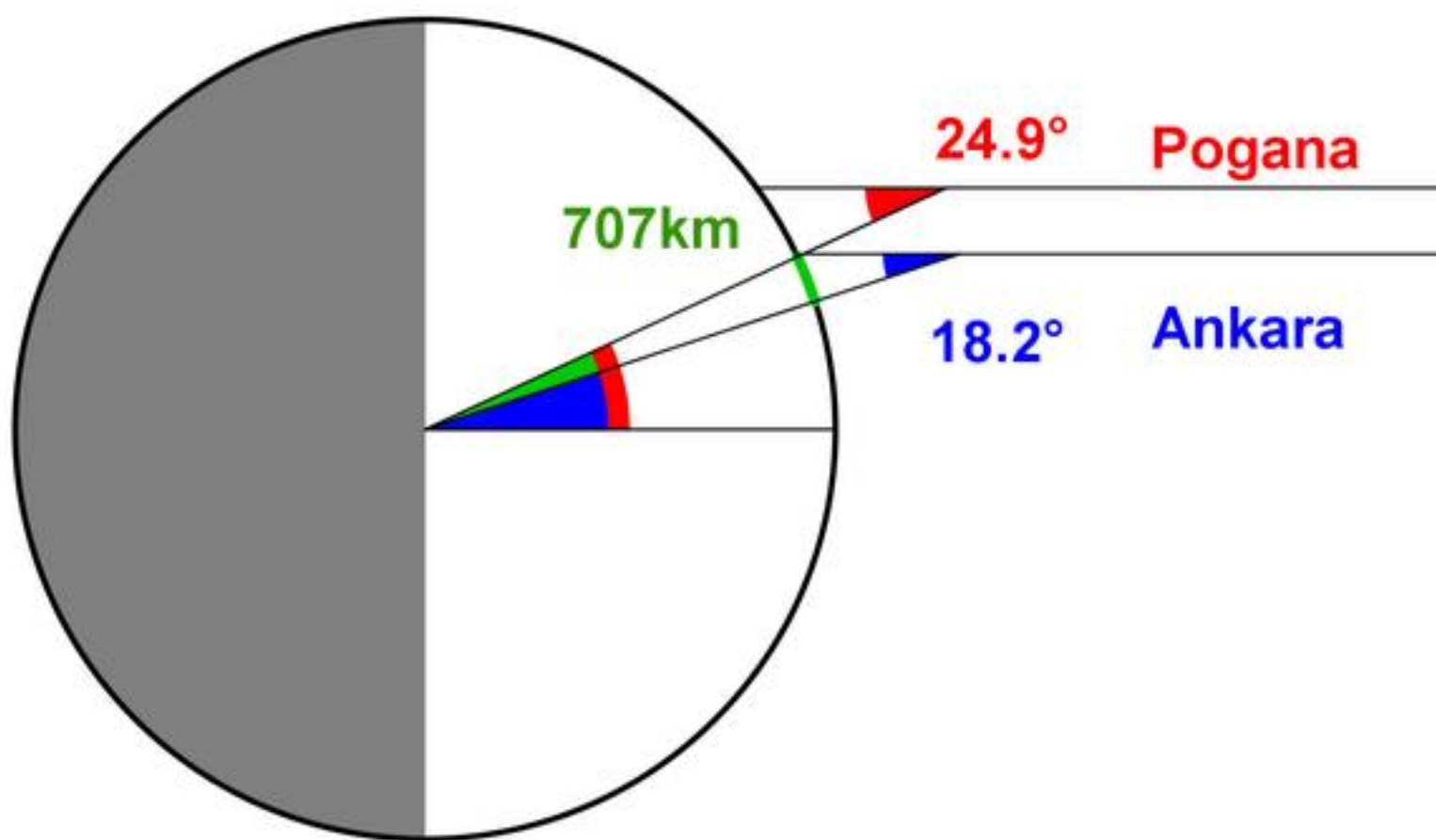


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Ankara	Turkey	Erasmus+ project	39.948	32.617

Date	Gnomon	Shadow	Angle
25 May 2018	30.4 cm	10 cm	18.2 °

25/05/2018 (Pogana-Romania) Latitude: 46.313°

25/05/2018 (Ankara-Turkey) Latitude: 39.948°



$$\text{circumference} = \frac{360^\circ \times 707\text{km}}{24.9^\circ - 18.2^\circ} = 37988 \text{ km}$$



Athens, Greece

May 2018

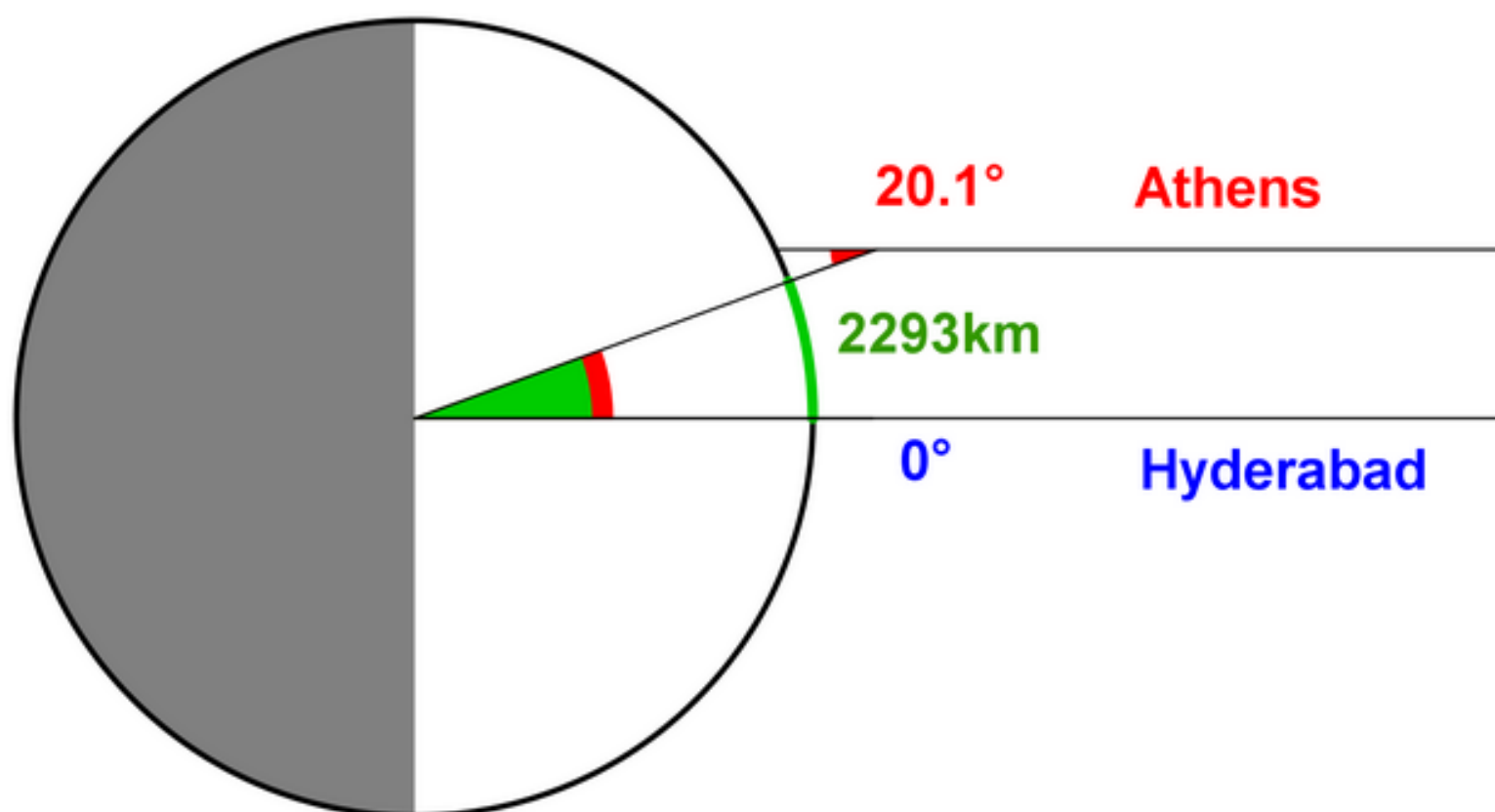


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Athens	Greece	Experimental College Agion Anargyron	38.027	23.726

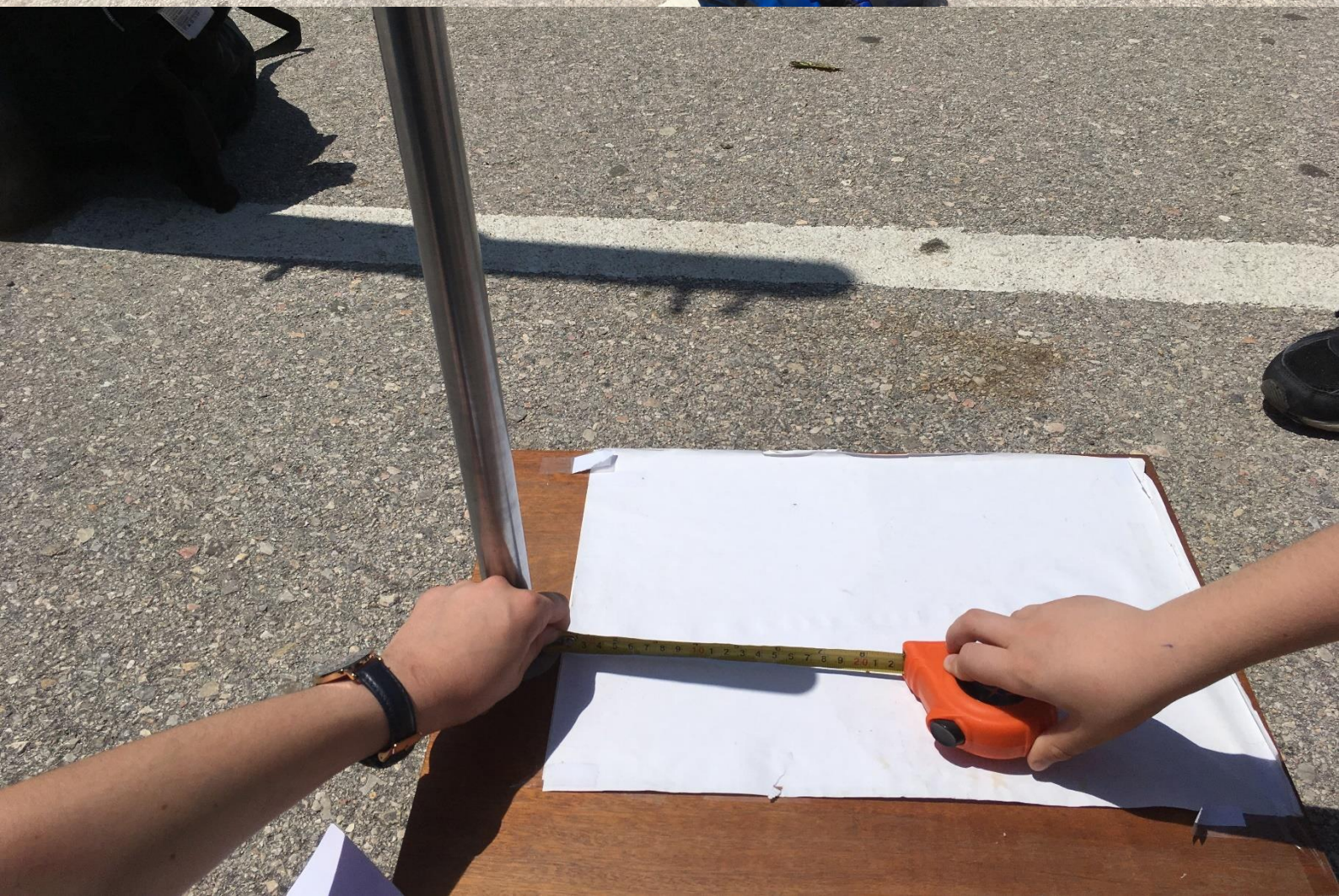
Date	Gnomon	Shadow	Angle
09 May 2018	246 cm	90 cm	20.1 °

09/05/2018 (Athens-Greece) Latitude: 38.027°

09/05/2018 (Hyderabad-India) Latitude: 17.385°



$$\text{circumference} = \frac{360^\circ \times 2293\text{km}}{20.1^\circ - 0^\circ} = 41069 \text{ km}$$



Beypazarı, Turkey

May 2018

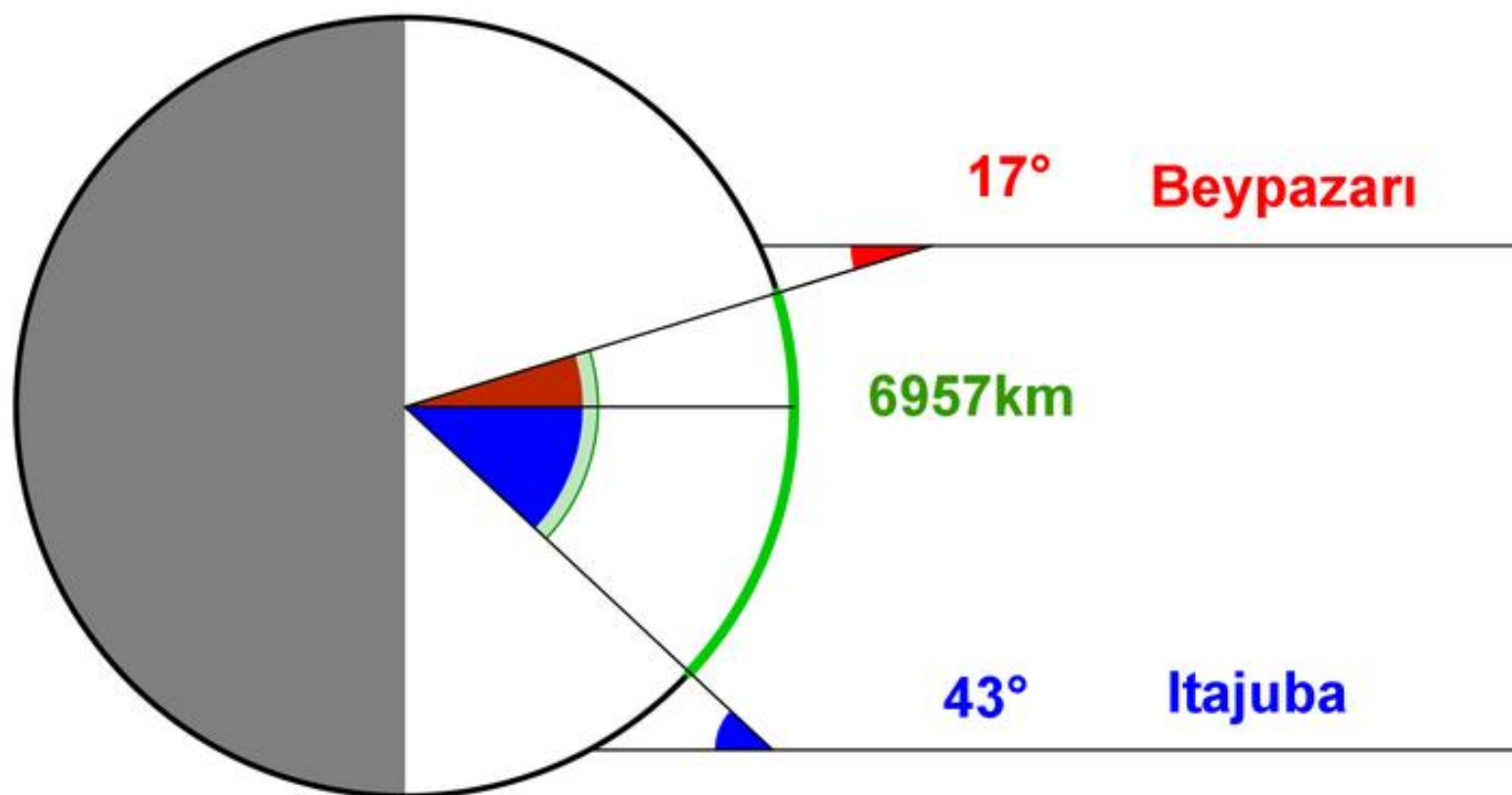


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Beypazarı	Turkey	Erasmus+ project	40.208	32.014

Date	Gnomon	Shadow	Angle
23 May 2018	30.4 cm	9.3 cm	17 °

23/05/2018 (Beypazarı-Turkey) Latitude: 40.208°

23/05/2018 (Itajuba-Brazil) Latitude: -22.415°



$$\text{circumference} = \frac{360^\circ \times 6957\text{km}}{17^\circ + 43^\circ} = 41742 \text{ km}$$



Bizerte, Tunisia

May 2018

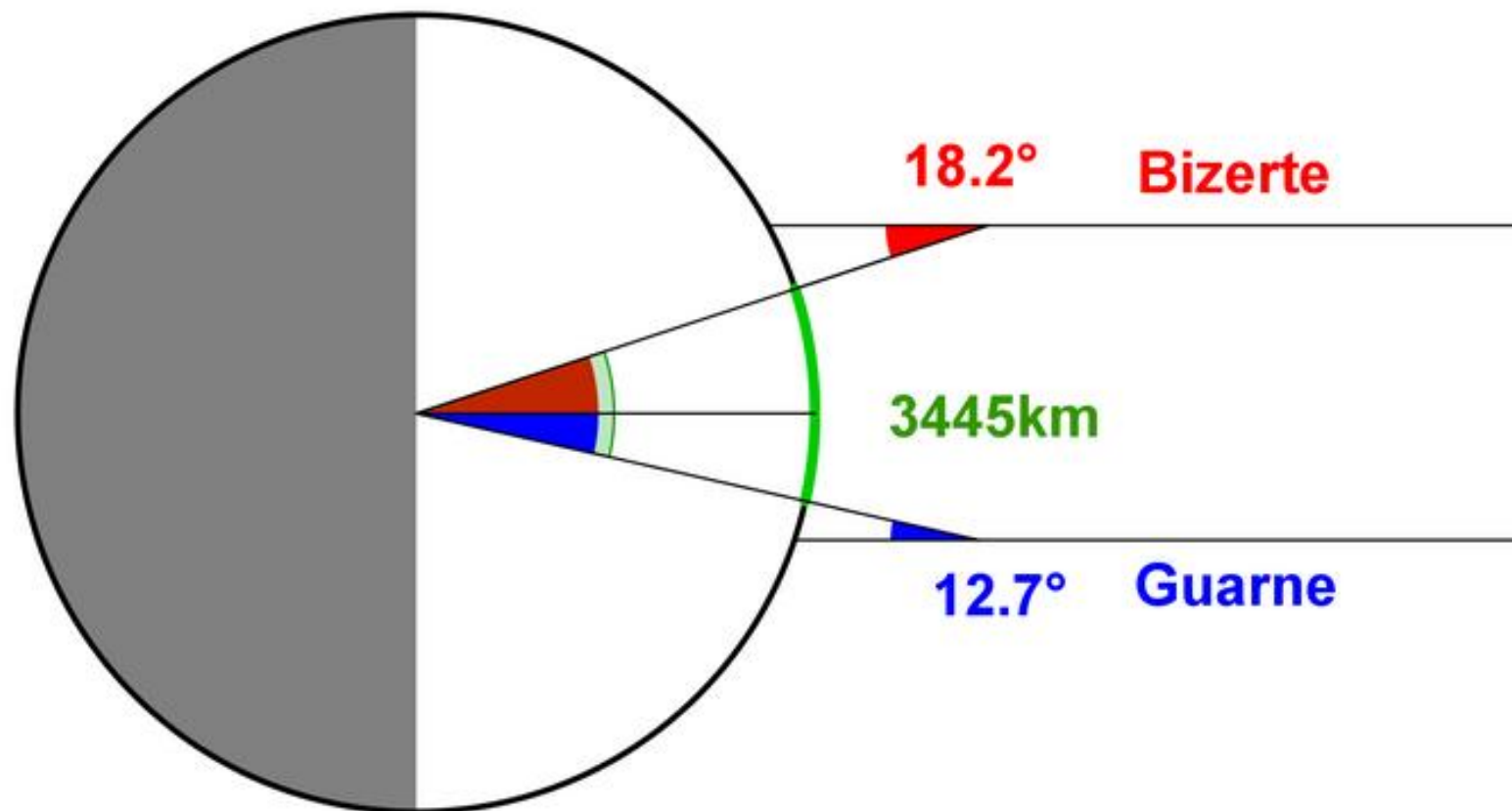


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Bizerte	Tunisia	Ecole Primaire Raouabi	37.284	9.868

Date	Gnomon	Shadow	Angle
10 May 2018	110.0 cm	45.0 cm	22.2 °
14 May 2018	36.5 cm	12 cm	18.2 °
21 May 2018	30.5 cm	9.5 cm	17.3 °
25 May 2018	30.5 cm	9 cm	16.4 °
28 May 2018	30.5 cm	9.2 cm	16.8 °
31 May 2018	30.5 cm	9.0 cm	16.4 °

14/05/2018 (Bizerte-Tunisie) Latitude: 37.284°

14/05/2018 (Guarne-Colombia) Latitude: 6.274°



$$\text{circumference} = \frac{360^\circ \times 3445\text{km}}{18.2^\circ + 12.7^\circ} = 40136 \text{ km}$$

المدرسة الابتدائية
الزفاف
أسست في 7 سبتمبر 1985.



Brštanovo, Croatia

May 2018

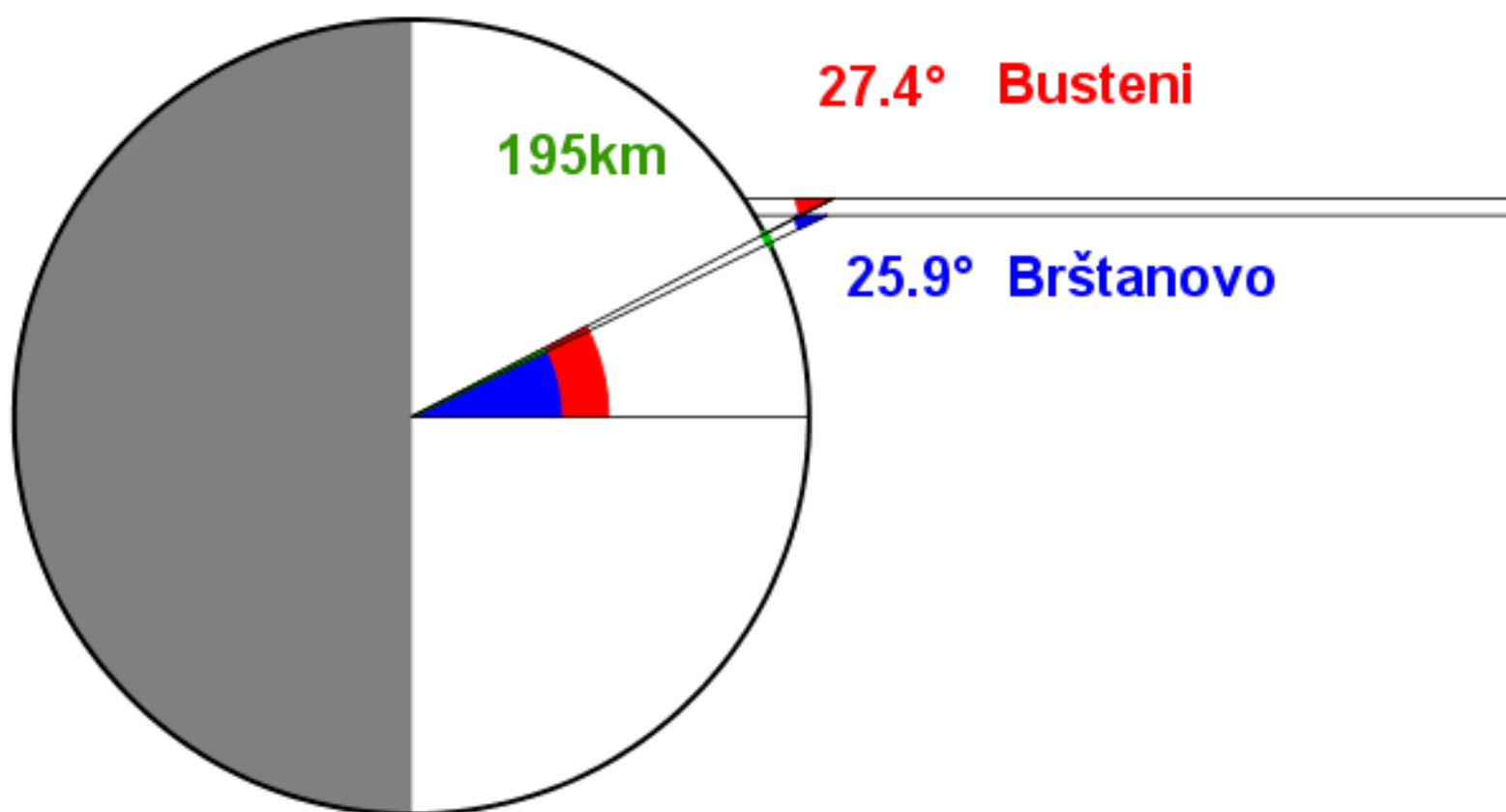


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Brštanovo	Croatia	Osnovna škola kneza Branimira	43.658	16.415

Date	Gnomon	Shadow	Angle
10 May 2018	100 cm	48.6 cm	25.9 °

10/05/2018 (Busteni-Romania) Latitude: 45.416°

10/05/2018 (Brštanovo-Croatia) Latitude: 43.658°



$$\text{circumference} = \frac{360^\circ \times 195\text{km}}{27.4^\circ - 25.9^\circ} = 46800 \text{ km}$$



Busteni, Romania

May 2018

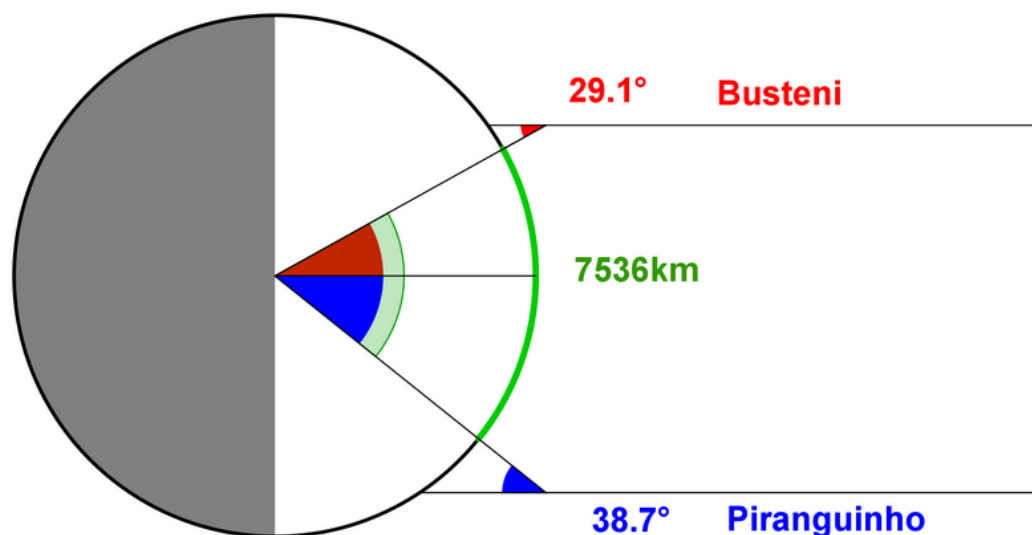


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Busteni	Romania	Colegiul Ion Kalinderu	45.416	25.535

Date	Gnomon	Shadow	Angle
02 May 2018	100 cm	57 cm	29.7 °
03 May 2018	100 cm	56.3 cm	29.4 °
04 May 2018	100 cm	55.7 cm	29.1 °
07 May 2018	26 cm	14 cm	28.3 °
08 May 2018	100 cm	53.1 cm	28 °
09 May 2018	100.0 cm	52.5 cm	27.7 °
10 May 2018	27 cm	14 cm	27.4 °
11 May 2018	100 cm	51.4 cm	27.2 °
14 May 2018	42.2 cm	21 cm	26.5 °
15 May 2018	30 cm	14.8 cm	26.3 °
16 May 2018	44 cm	21.5 cm	26 °
18 May 2018	100 cm	47.8 cm	25.5 °
21 May 2018	86 cm	40 cm	24.9 °
22 May 2018	100 cm	46.1 cm	24.7 °
23 May 2018	100 cm	45.7 cm	24.6 °
25 May 2018	100 cm	45 cm	24.2 °
29 May 2018	100.0 cm	43.6 cm	23.6 °
30 May 2018	100.0 cm	43.3 cm	23.4 °
31 May 2018	100.0 cm	43.0 cm	23.3 °

04/05/2018 (Busteni-Romania) Latitude: 45.416°

04/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 7536\text{km}}{29.1^\circ + 38.7^\circ} = 40014 \text{ km}$$



Çavuşin, Turkey

May 2018

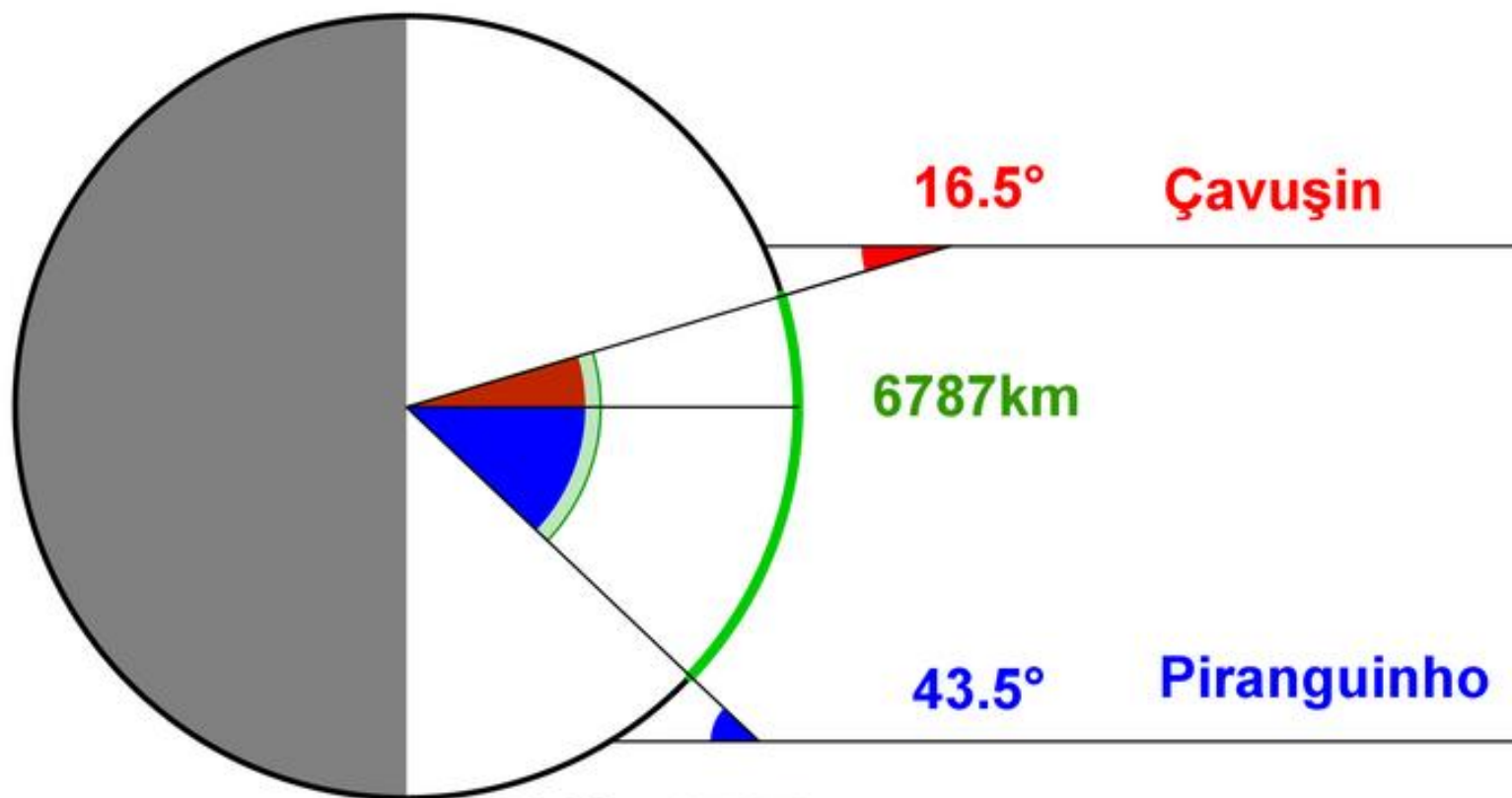


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Çavuşin	Turkey	Erasmus+ project	38.675	34.862

Date	Gnomon	Shadow	Angle
24 May 2018	30.4 cm	9 cm	16.5 °

24/05/2018 (Çavuşin-Turkey) Latitude: 38.675°

24/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 6787\text{km}}{16.5^\circ + 43.5^\circ} = 40722 \text{ km}$$



Cernay, France

May 2018

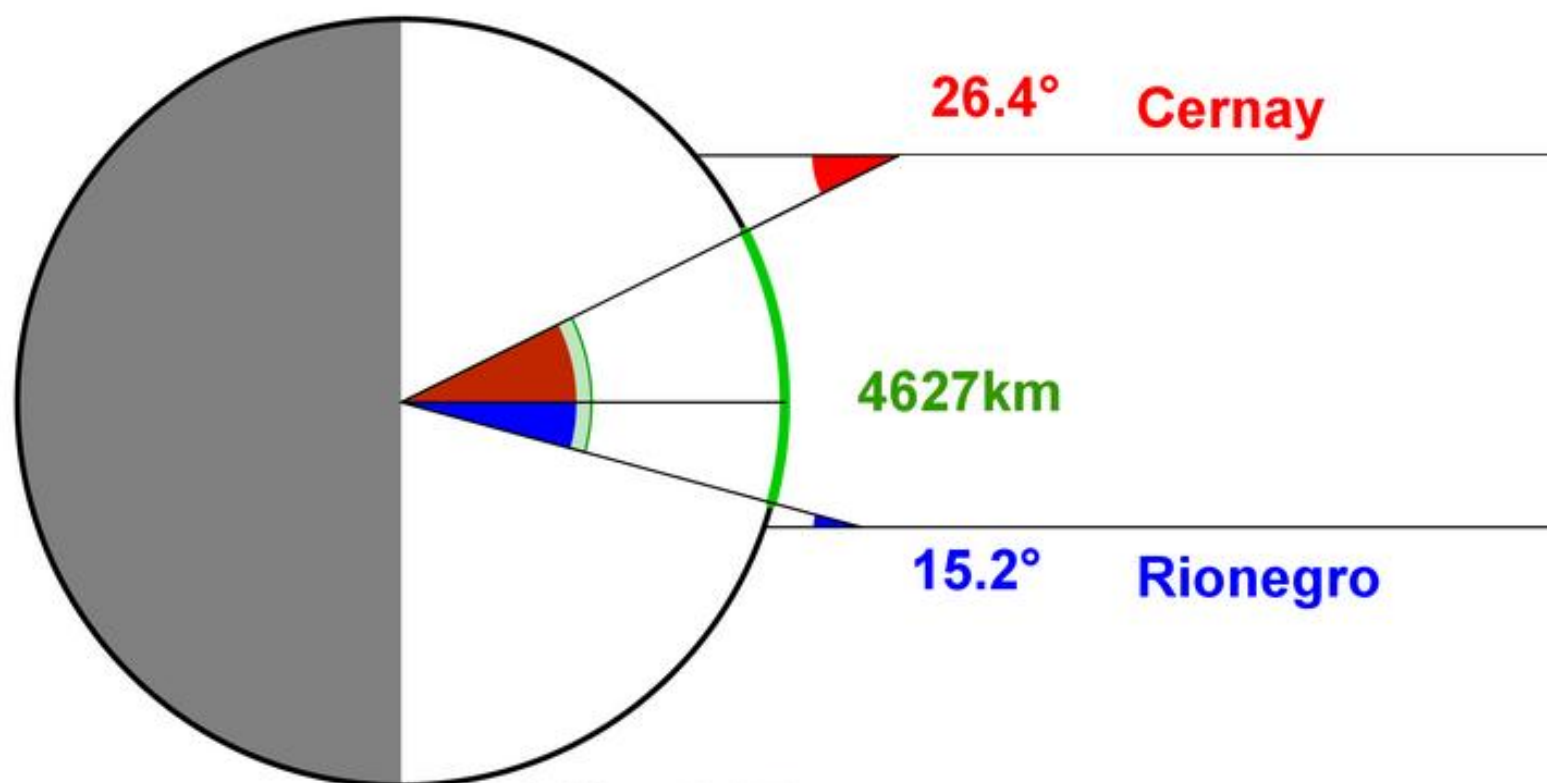


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Cernay	France	Collège René Cassin	47.814	7.183

Date	Gnomon	Shadow	Angle
07 May 2018	368.5 cm	220 cm	30.8 °
28 May 2018	368.5 cm	183.0 cm	26.4 °

28/05/2018 (Cernay-France) Latitude: 47.814°

28/05/2018 (Rionegro-Colombia) Latitude: 6.163°



$$\text{circumference} = \frac{360^\circ \times 4627\text{km}}{26.4^\circ + 15.2^\circ} = 40041 \text{ km}$$



Donji Muć, Croatia

May 2018

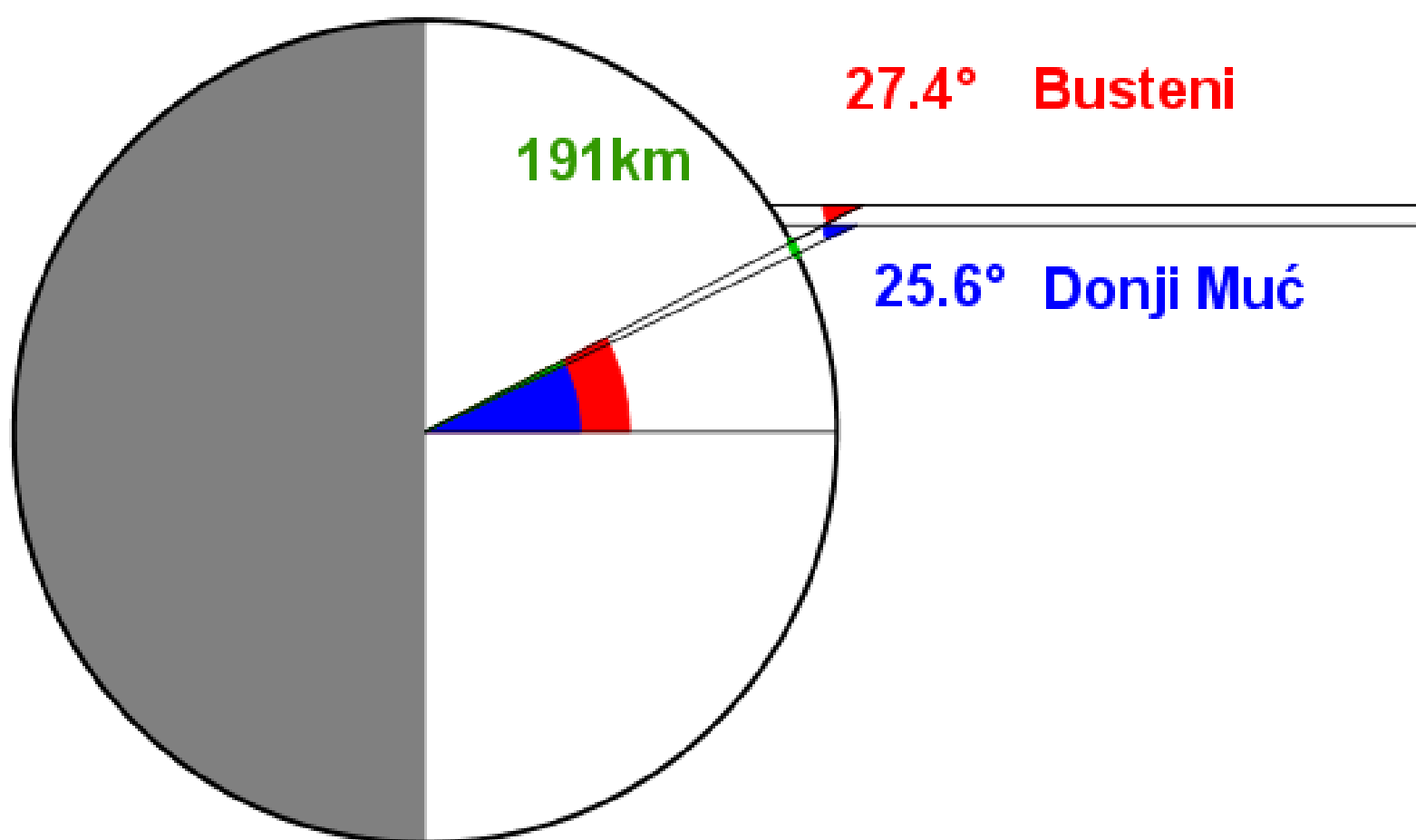


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Donji Muć	Croatia	oš kneza Branimira	43.694	16.462

Date	Gnomon	Shadow	Angle
10 May 2018	100 cm	48 cm	25.6 °

10/05/2018 (Busteni-Romania) Latitude: 45.416°

10/05/2018 (Donji Muć-Croatia) Latitude: 43.694°



$$\text{circumference} = \frac{360^\circ \times 191\text{km}}{27.4^\circ - 25.6^\circ} = 38200 \text{ km}$$



Guarne, Colombia

May 2018

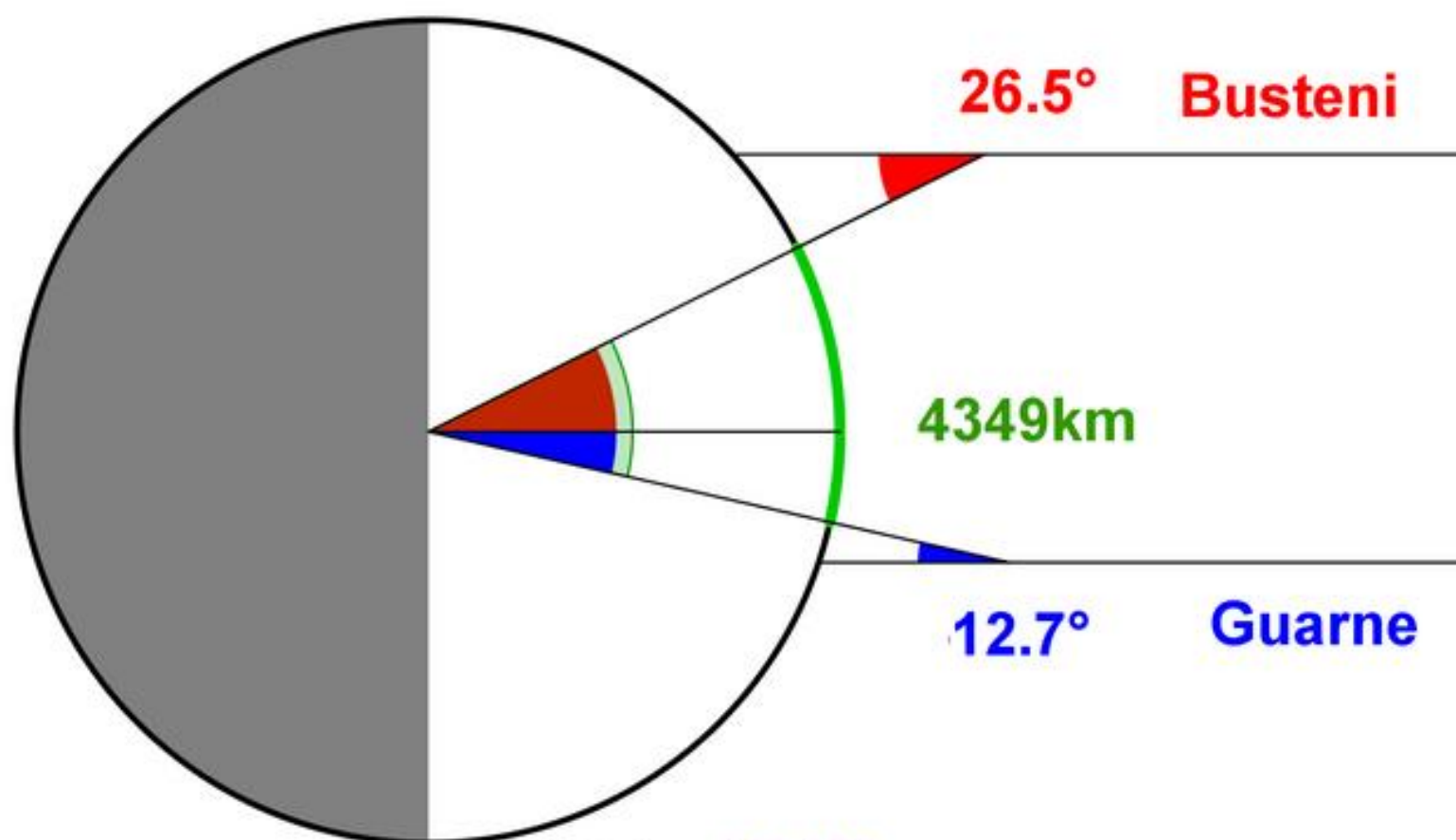


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Guarne	Colombia	Grupo Astrofanáticos	6.274	-75.449

Date	Gnomon	Shadow	Angle
12 May 2018	31 cm	-6.9 cm	-12.5 °
14 May 2018	31 cm	-7 cm	-12.7 °
15 May 2018	31 cm	-7 cm	-12.7 °

14/05/2018 (Busteni-Romania) Latitude: 45.416°

14/05/2018 (Guarne-Colombia) Latitude: 6.274°



$$\text{circumference} = \frac{360^\circ \times 4349\text{km}}{26.5^\circ + 12.7^\circ} = 39940 \text{ km}$$



ERATOSTENES

Hyderabad, India

May 2018

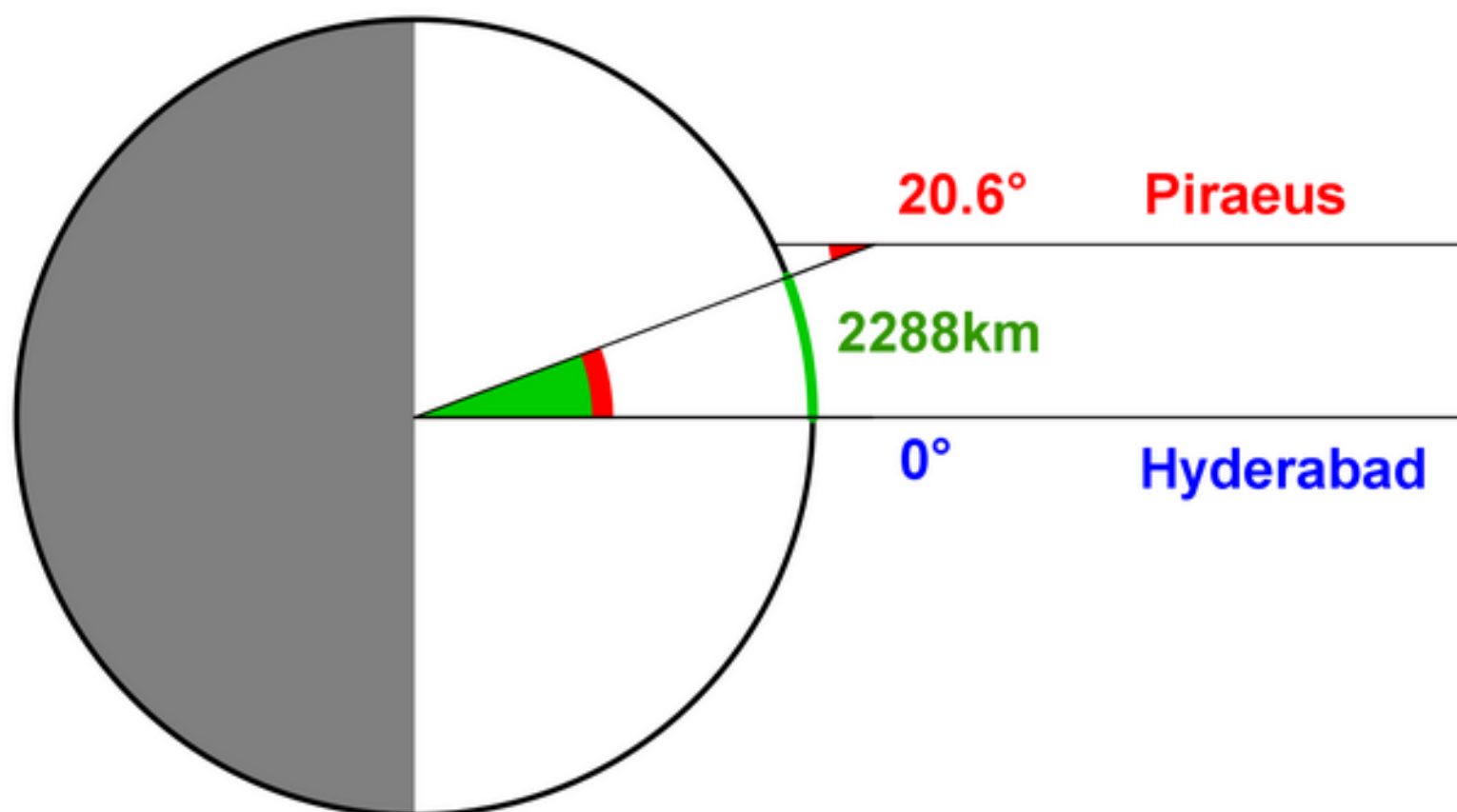


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Hyderabad	India	Space Adhyaan	17.385	78.487

Date	Gnomon	Shadow	Angle
09 May 2018	100 cm	0 cm	0 °

09/05/2018 (Piraeus-Greece) Latitude: 37.977°

09/05/2018 (Hyderabad-India) Latitude: 17.385°



$$\text{circumference} = \frac{360^\circ \times 2288\text{km}}{20.6^\circ - 0^\circ} = 39984 \text{ km}$$



Ilion 11th, Greece

May 2018

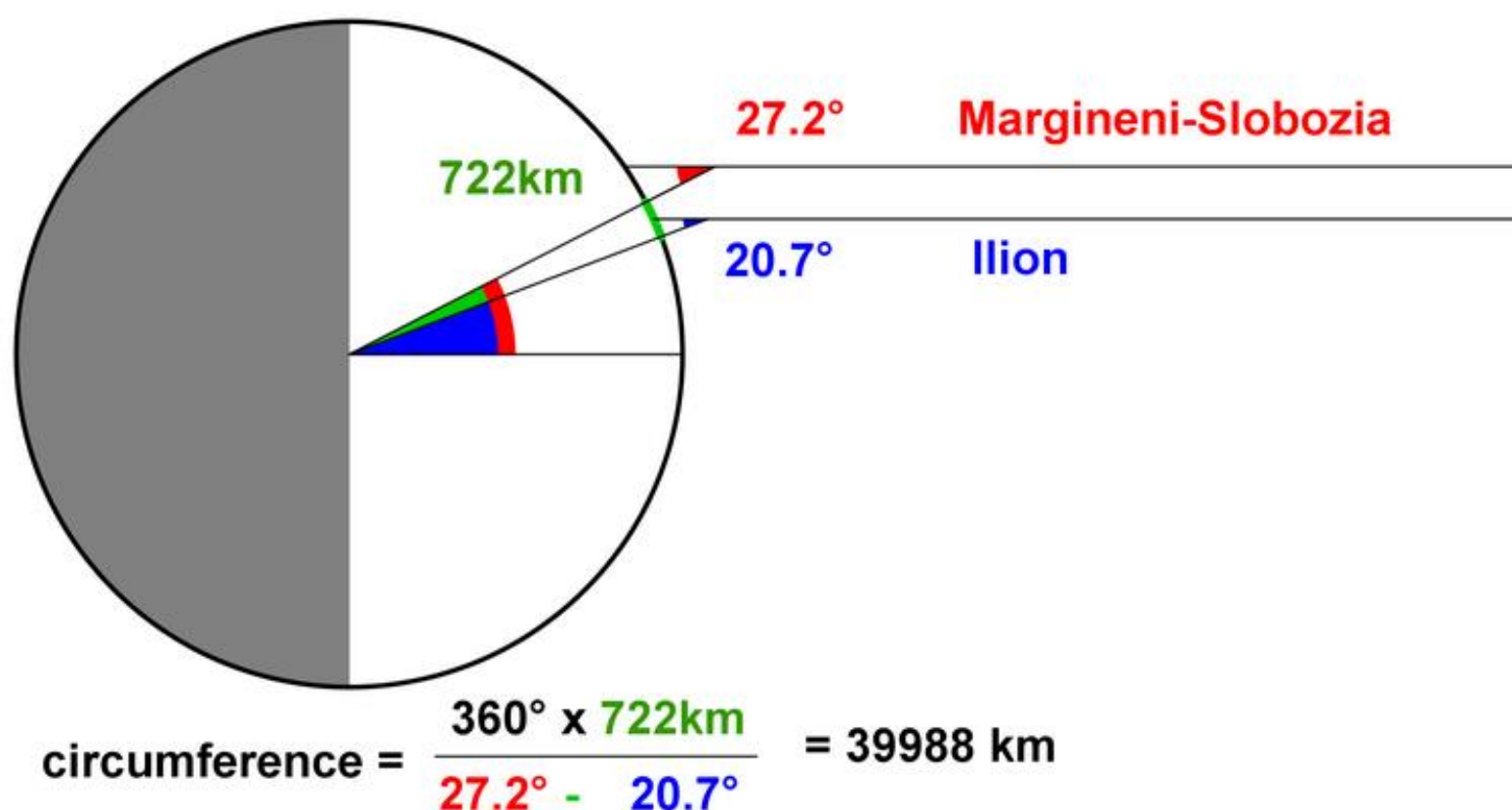


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Ilion	Greece	11th JuniorHigh School of Ilion	38.033	23.697

Date	Gnomon	Shadow	Angle
03 May 2018	30.4 cm	12.3 cm	22 °
09 May 2018	30.4 cm	11.5 cm	20.7 °
17 May 2018	30.4 cm	10.3 cm	18.7 °

09/05/2018 (Margineni-Slobozia-Romania) Latitude: 44.533°

09/05/2018 (Ilion-Greece) Latitude: 38.033°





Ioannina, Greece

May 2018

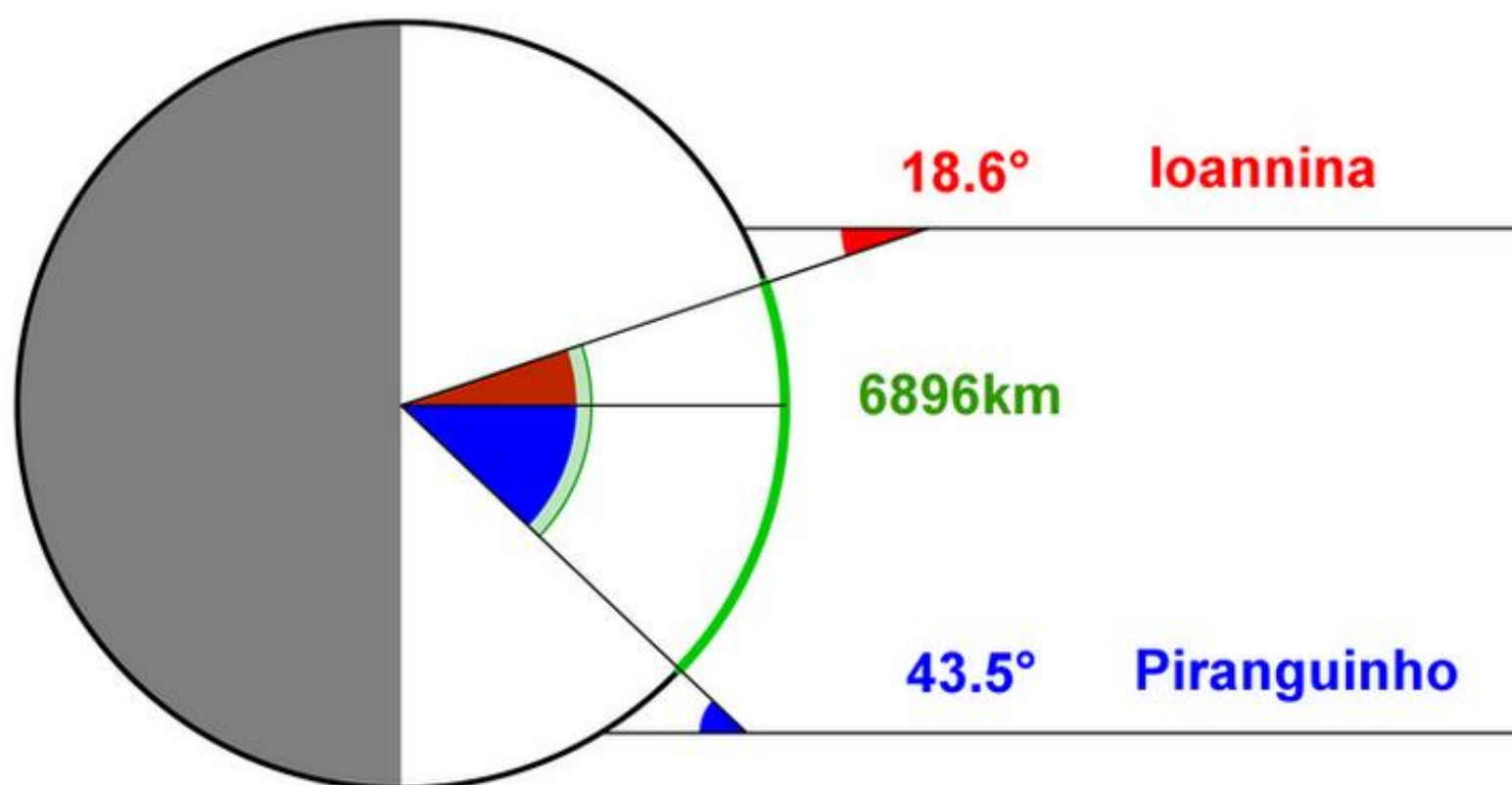


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Ioannina	Greece	Experimental College	39.655	20.846

Date	Gnomon	Shadow	Angle
24 May 2018	100 cm	33.6 cm	18.6 °

24/05/2018 (Ioannina-Greece) Latitude: 39.655°

24/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 6896\text{km}}{18.6^\circ + 43.5^\circ} = 39977 \text{ km}$$



Itajubá, Brazil

May 2018

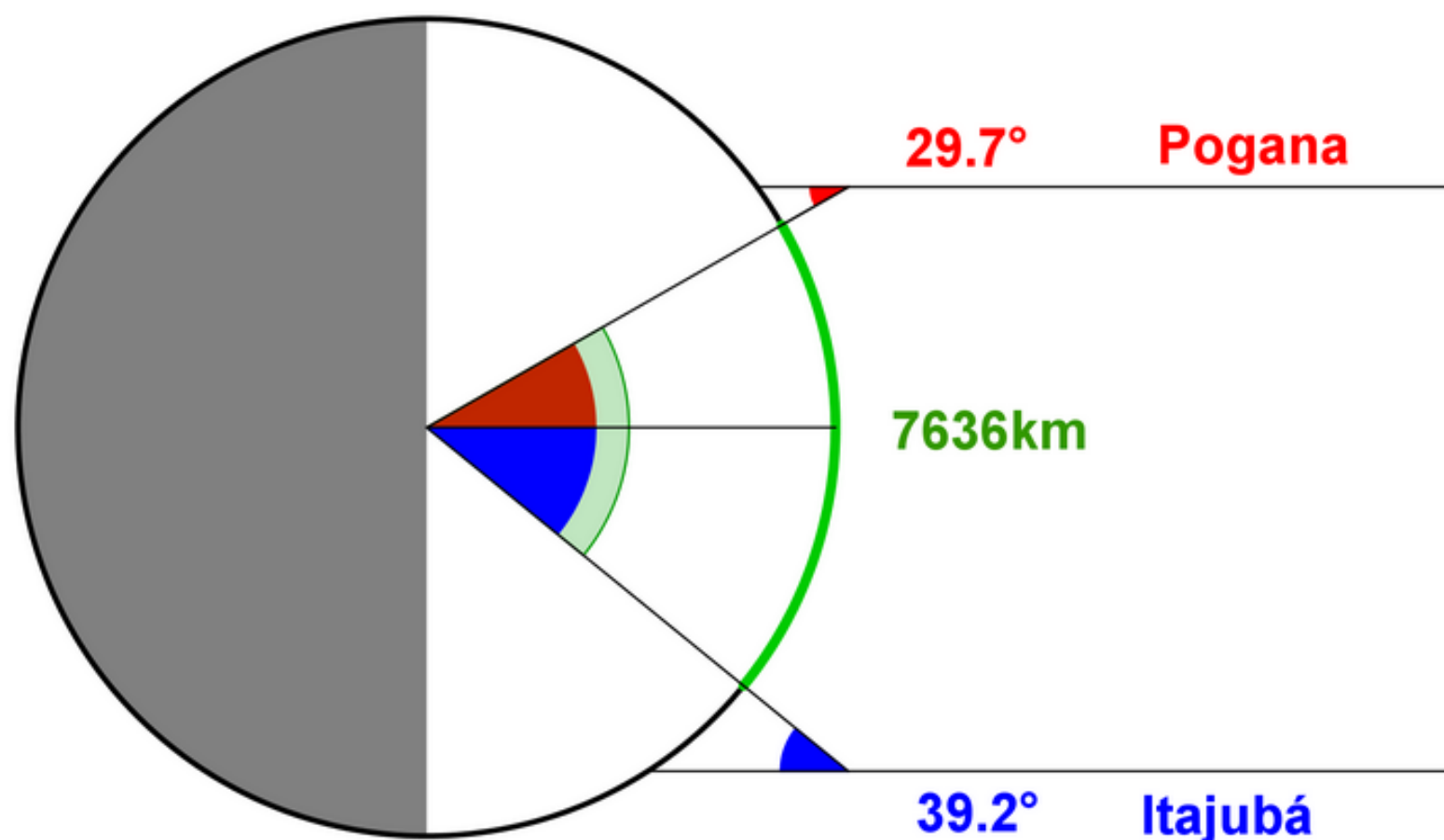


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Itajubá	Brazil	Universidade Federal de Itajubá	-22.415	-45.449

Date	Gnomon	Shadow	Angle
02 May 2018	47.3 cm	-36.7 cm	-37.8 °
07 May 2018	47.3 cm	-38.6 cm	-39.2 °
16 May 2018	47.3 cm	-41.5 cm	-41.3 °
17 May 2018	47.3 cm	-42.1 cm	-41.7 °
18 May 2018	47.3 cm	-42.6 cm	-42 °
22 May 2018	47.3 cm	-43.8 cm	-42.8 °
23 May 2018	47.3 cm	-44.1 cm	-43 °

07/05/2018 (Pogana-Romania) Latitude: 46.313°

07/05/2018 (Itajubá-Brazil) Latitude: -22.415°



$$\text{circumference} = \frac{360^\circ \times 7636\text{km}}{29.7^\circ + 39.2^\circ} = 39898 \text{ km}$$



02.05.2018

Lafrançaise, France

May 2018

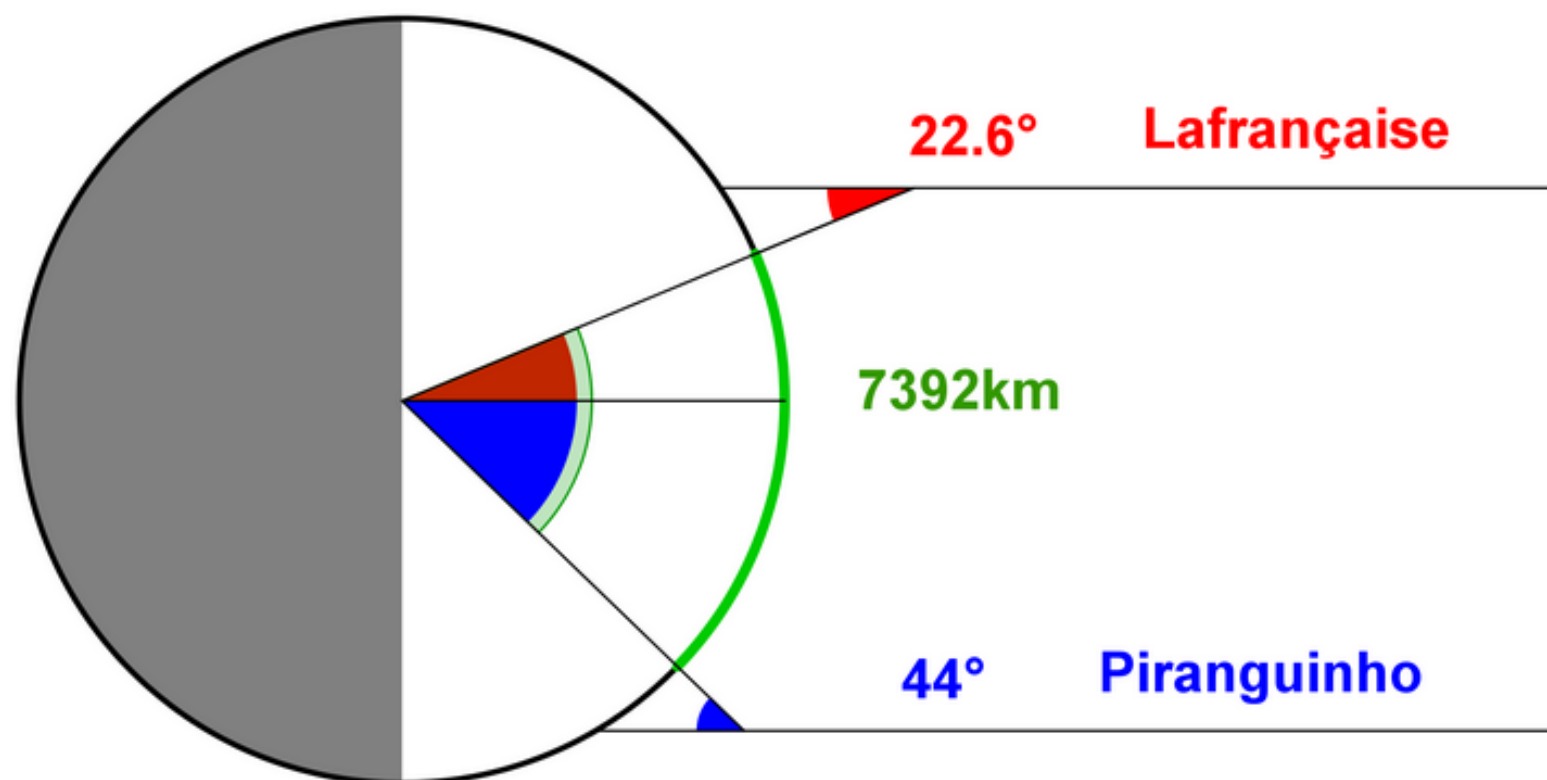


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Lafrançaise	France	Collège Antonin Perbosc	44.127	1.237

Date	Gnomon	Shadow	Angle
07 May 2018	100 cm	53 cm	27.9 °
11 May 2018	100 cm	48.7 cm	26 °
17 May 2018	100 cm	46.7 cm	25 °
18 May 2018	100 cm	46 cm	24.7 °
24 May 2018	100 cm	43 cm	23.3 °
25 May 2018	100 cm	42.8 cm	23.2 °
28 May 2018	100.0 cm	41.7 cm	22.6 °
31 May 2018	100.0 cm	41.0 cm	22.3 °

28/05/2018 (Lafrançaise-France) Latitude: 44.127°

28/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 7392\text{km}}{22.6^\circ + 44^\circ} = 39957 \text{ km}$$



Mărgineni, Romania

May 2018

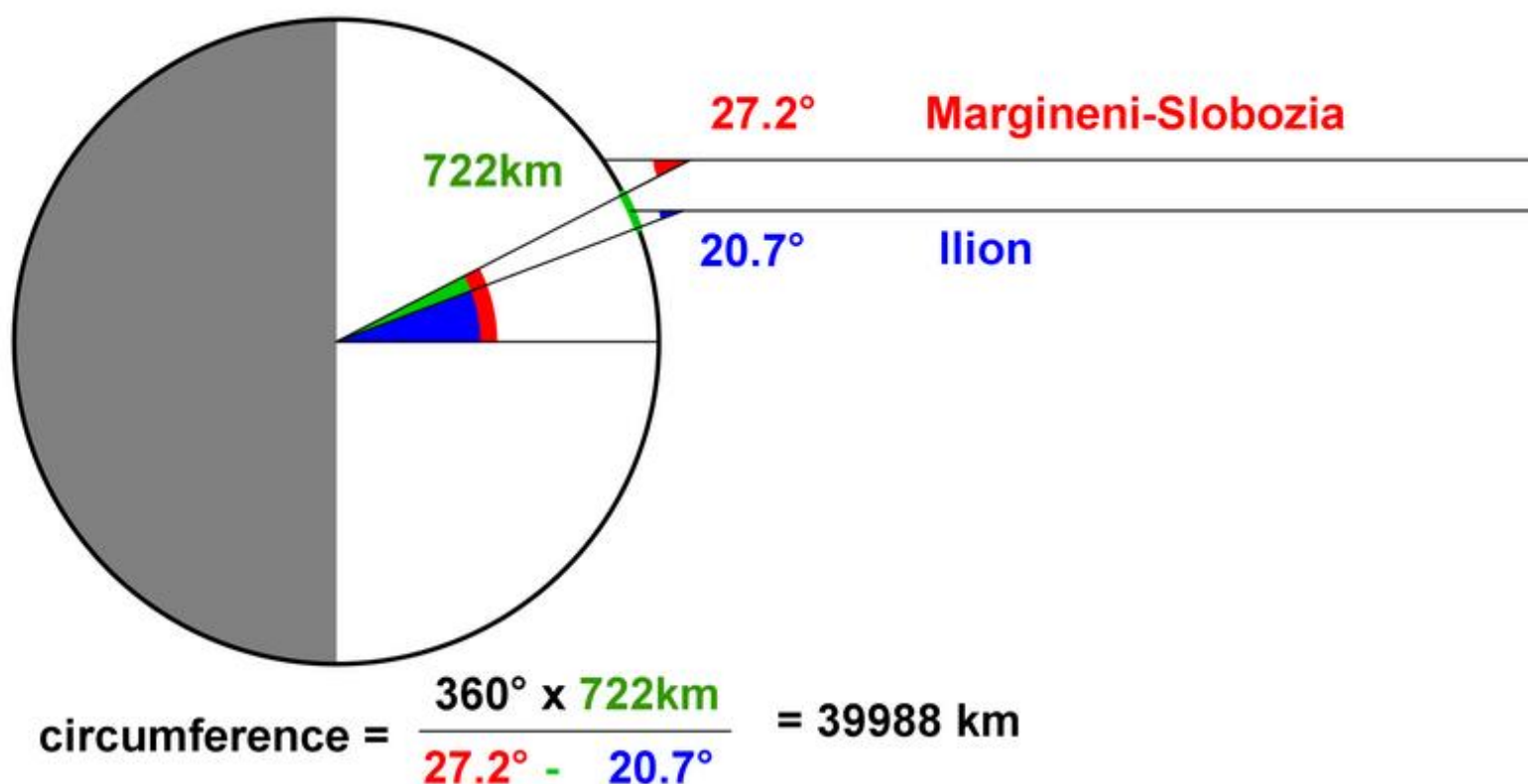


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Mărgineni	Romania	Gh. Popescu School	44.533	24.554

Date	Gnomon	Shadow	Angle
03 May 2018	100 cm	55.6 cm	29.1 °
04 May 2018	100 cm	54.4 cm	28.5 °
08 May 2018	100.0 cm	51.8 cm	27.4 °
09 May 2018	100 cm	51.5 cm	27.2 °
11 May 2018	100 cm	50.2 cm	26.7 °
16 May 2018	100 cm	50 cm	26.6 °
23 May 2018	100 cm	44.6 cm	24 °

09/05/2018 (Margineni-Slobozia-Romania) Latitude: 44.533°

09/05/2018 (Ilion-Greece) Latitude: 38.033°





Paysandú, Uruguay

May 2018

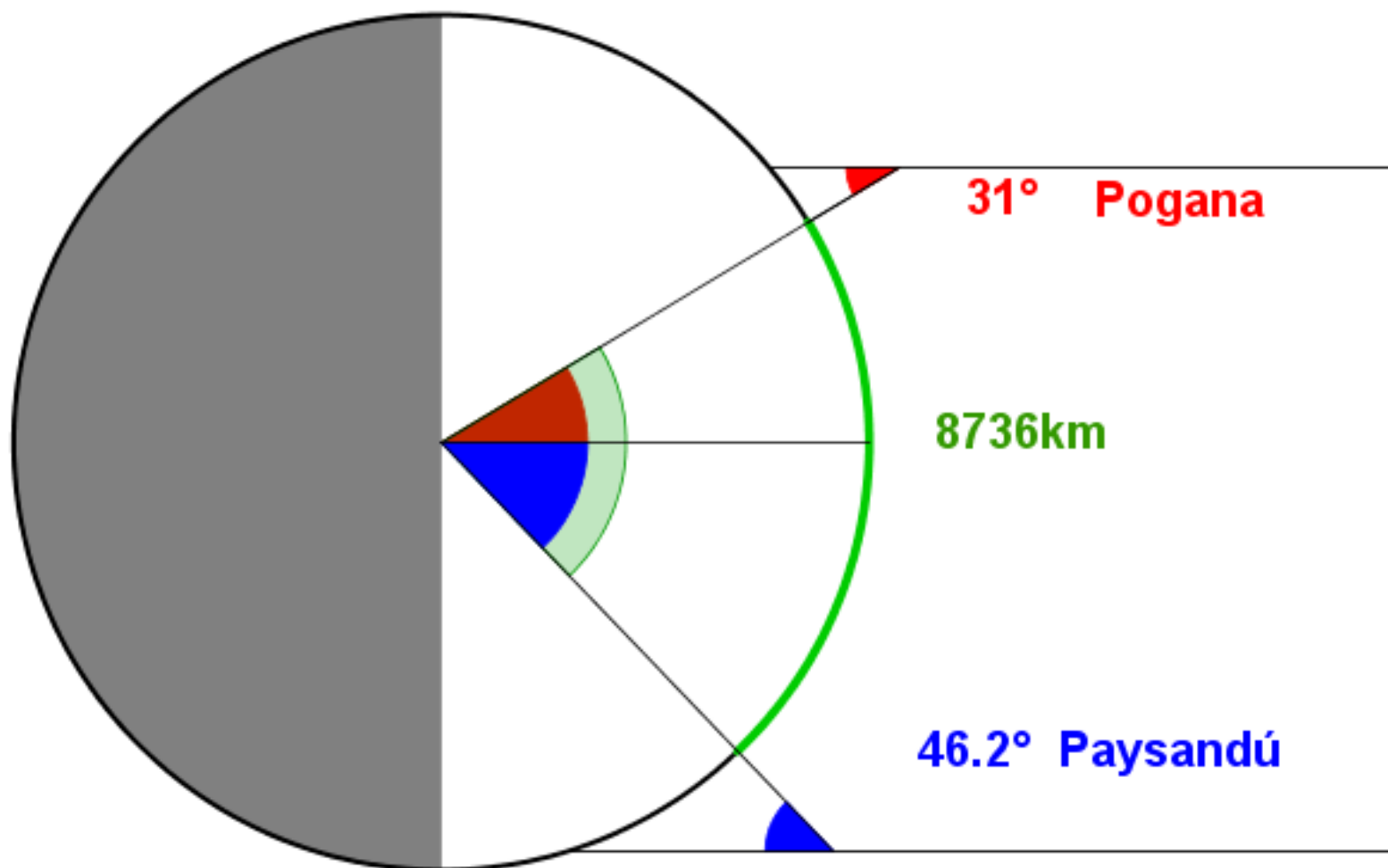


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Paysandú	Uruguay	Liceo N° 1 de Paysandú	-32.316	-58.093

Date	Gnomon	Shadow	Angle
03 May 2018	97 cm	-101 cm	30.5 °

03/05/2018 (Pogana-Romania) Latitude: 46.313°

03/05/2018 (Paysandú-Uruguay) Latitude: -32.316°



$$\text{circumference} = \frac{360^\circ \times 8736\text{km}}{31^\circ + 46.2^\circ} = 40738 \text{ km}$$



Petroupoli, Greece

May 2018

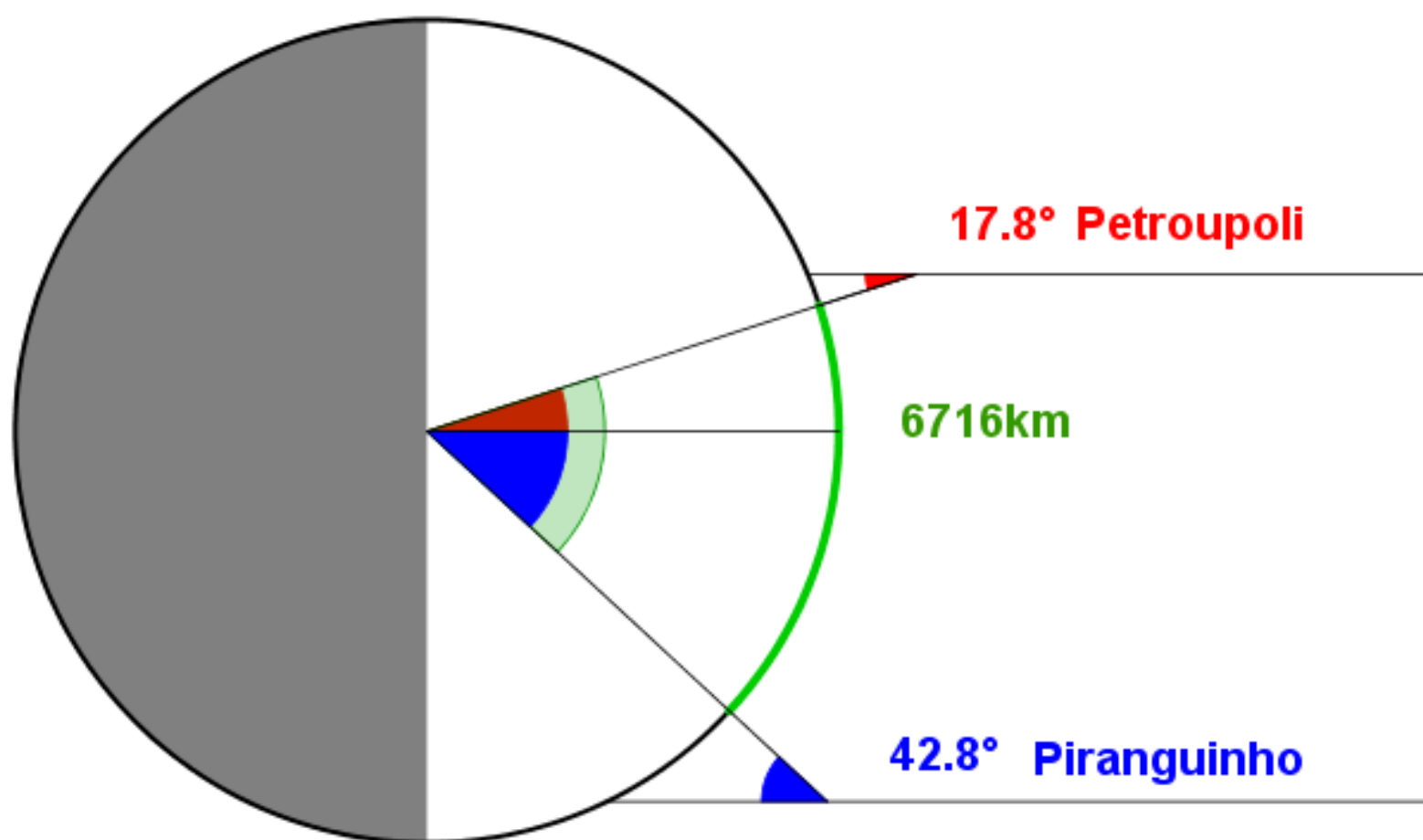


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Petroupoli	Greece	4o Junior High School	38.036	23.674

Date	Gnomon	Shadow	Angle
11 May 2018	52.3 cm	19 cm	20 °
14 May 2018	52.3 cm	18.4 cm	19.4 °
21 May 2018	52.3 cm	16.8 cm	17.8 °

21/05/2018 (Petroupoli-Greece) Latitude: 38.036°

21/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 6716\text{km}}{17.8^\circ + 42.8^\circ} = 39897 \text{ km}$$



Piraeus, Greece

May 2018

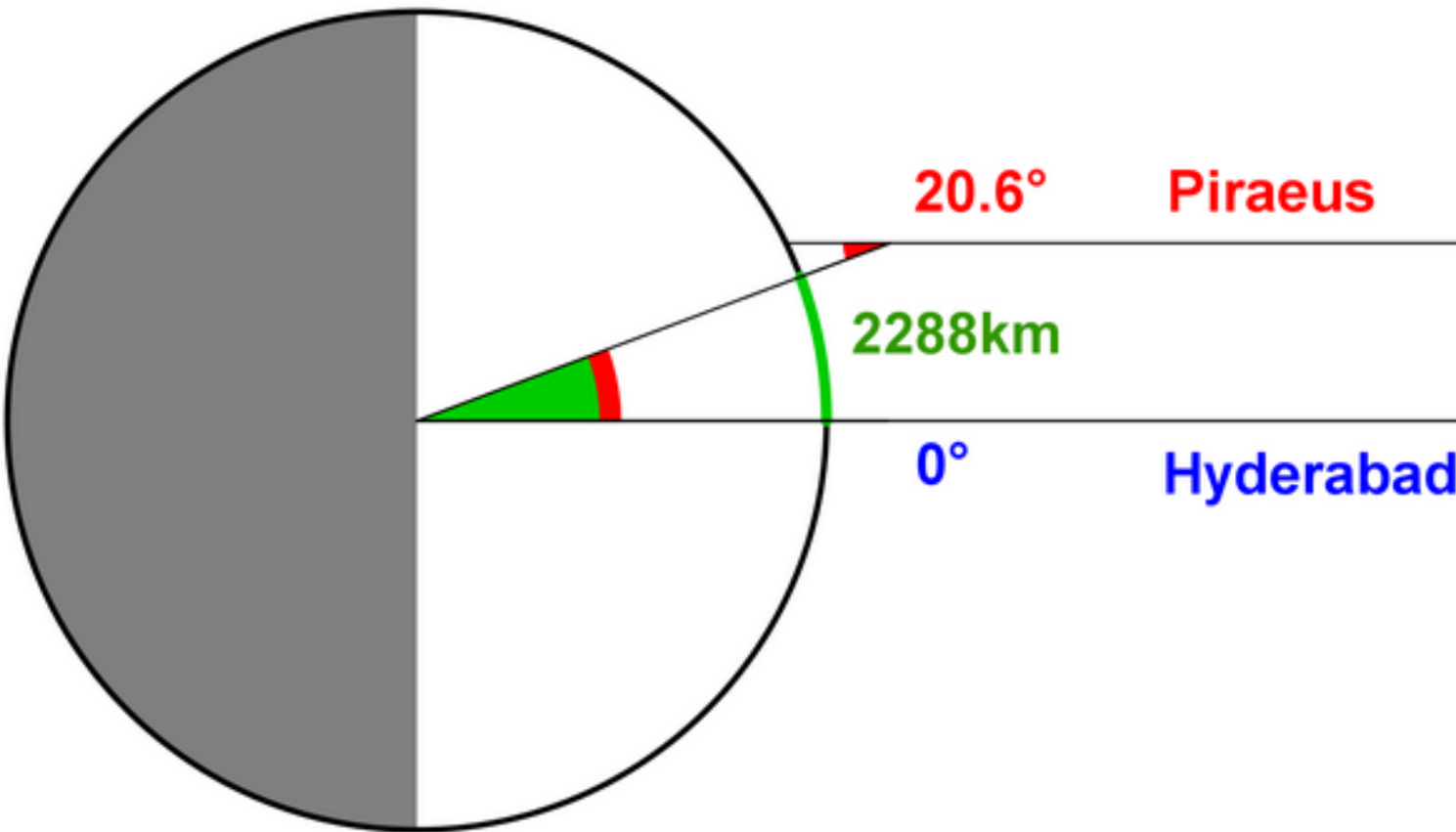


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Piraeus	Greece	2nd Junior High School of Korydallos	37.977	23.655

Date	Gnomon	Shadow	Angle
08 May 2018	100.0 cm	38.0 cm	20.8 °
09 May 2018	100 cm	37.5 cm	20.6 °
17 May 2018	100.0 cm	33.0 cm	18.3 °

09/05/2018 (Piraeus-Greece) Latitude: 37.977°

09/05/2018 (Hyderabad-India) Latitude: 17.385°



circumference = $\frac{360^\circ \times 2288\text{km}}{20.6^\circ - 0^\circ} = 39984 \text{ km}$



Piranguinho, Brazil

May 2018

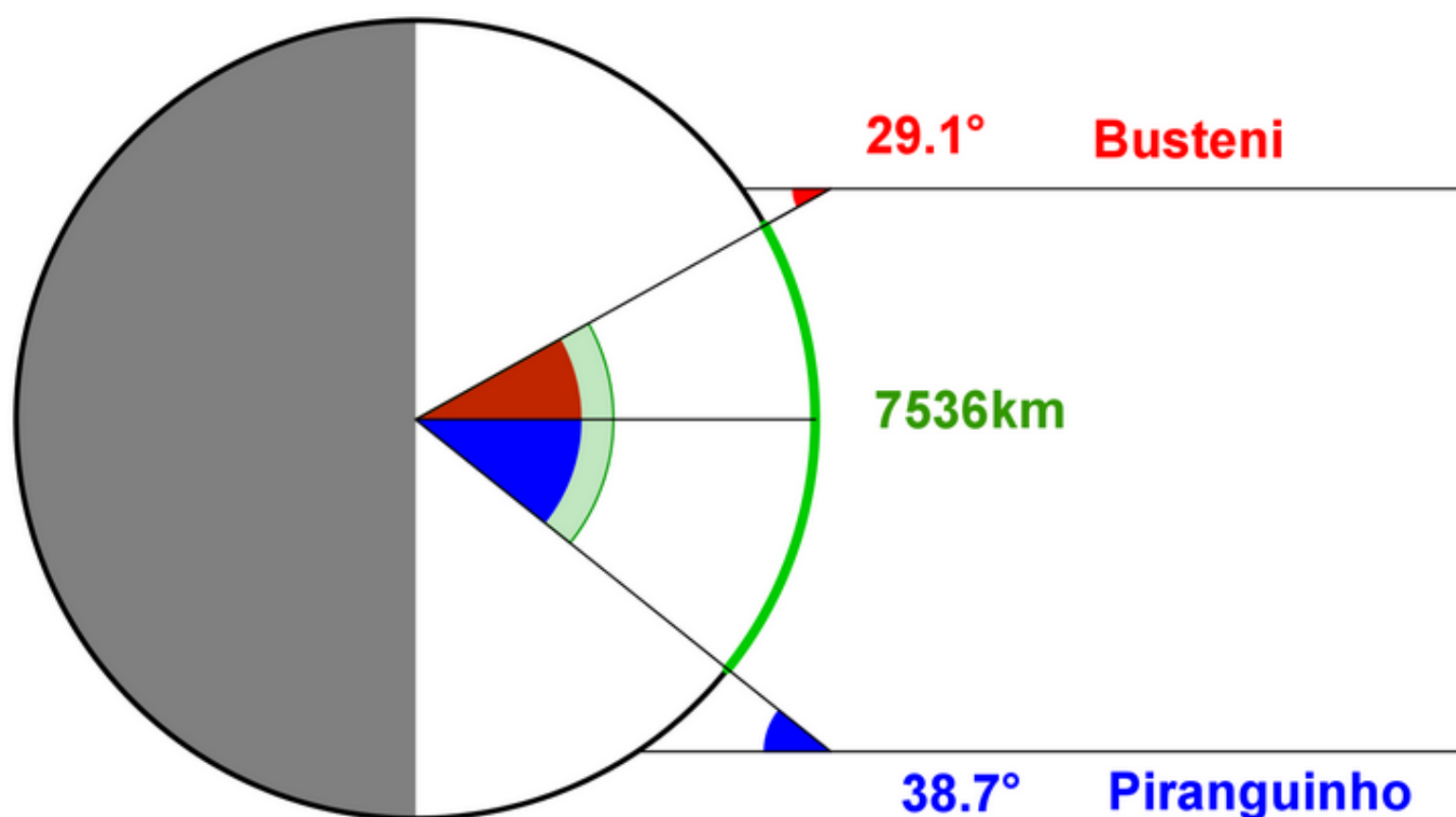


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Piranguinho	Brazil	Universidade Federal de Itajubá	-22.411	-45.535

Date	Gnomon	Shadow	Angle
03 May 2018	70 cm	-54.4 cm	-37.9 °
04 May 2018	70.0 cm	-56.0 cm	-38.7 °
21 May 2018	70 cm	-64.9 cm	-42.8 °
24 May 2018	70 cm	-66.5 cm	-43.5 °
28 May 2018	70.0 cm	-67.7 cm	-44.0 °
30 May 2018	70.0 cm	-68.4 cm	-44.3 °

04/05/2018 (Busteni-Romania) Latitude: 45.416°

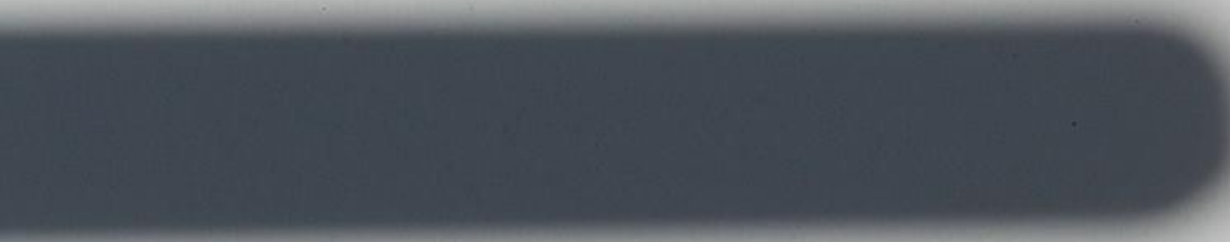
04/05/2018 (Piranguinho-Brazil) Latitude: -22.411°



$$\text{circumference} = \frac{360^\circ \times 7536\text{km}}{29.1^\circ + 38.7^\circ} = 40014 \text{ km}$$



03.05.2018



30.05.2018

Pogana, Romania

May 2018

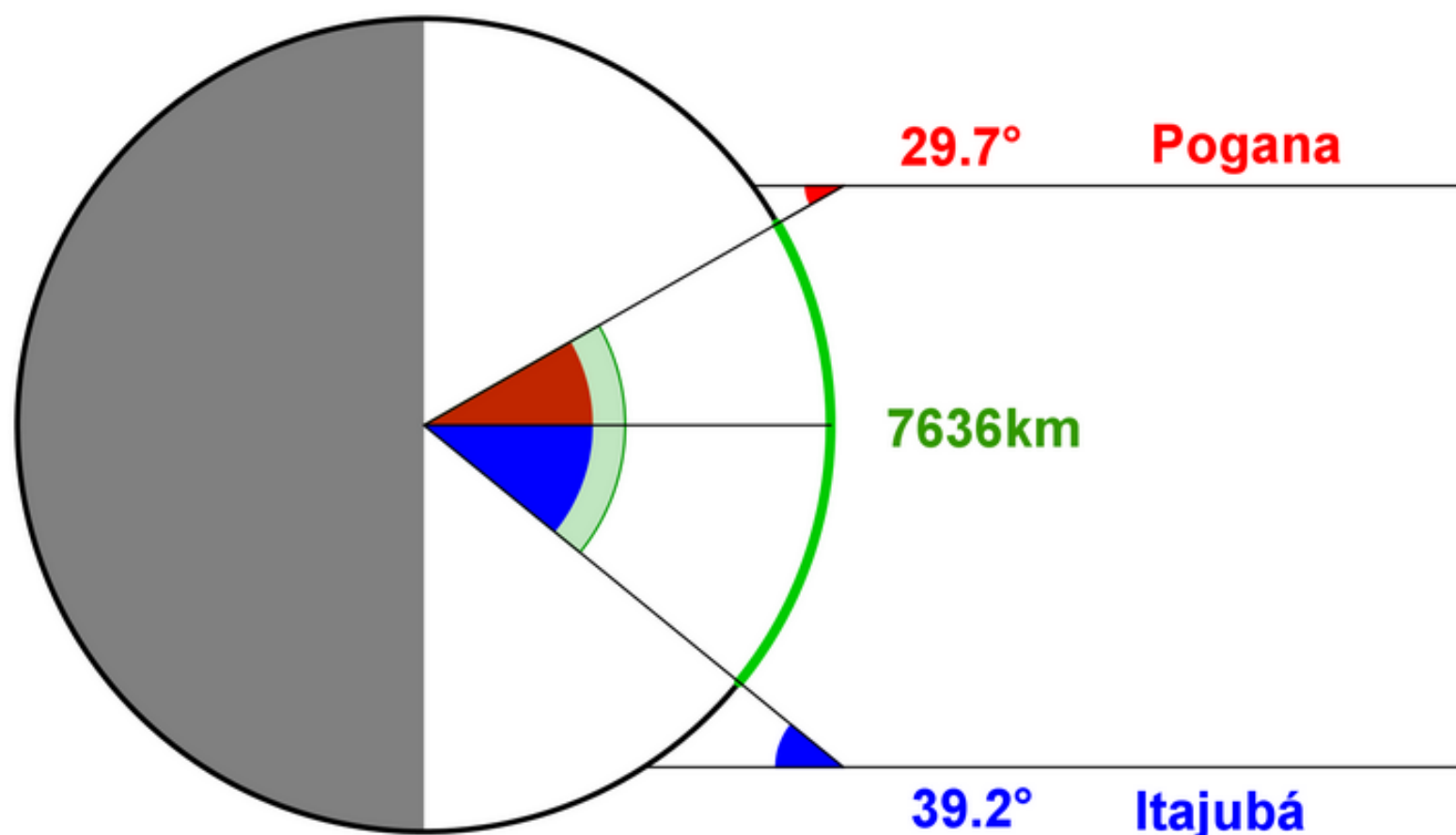


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Pogana	Romania	Scoala Gimnaziala Nr.1 Pogana	46.313	27.575

Date	Gnomon	Shadow	Angle
03 May 2018	30 cm	18 cm	31 °
04 May 2018	60 cm	35.4 cm	30.5 °
07 May 2018	60 cm	34.2 cm	29.7 °
11 May 2018	60 cm	32.4 cm	28.4 °
17 May 2018	60 cm	31 cm	27.3 °
22 May 2018	60 cm	29.5 cm	26.2 °
23 May 2018	60 cm	29.1 cm	25.9 °
25 May 2018	30 cm	13.9 cm	24.9 °
30 May 2018	60.0 cm	27.0 cm	24.2 °

07/05/2018 (Pogana-Romania) Latitude: 46.313°

07/05/2018 (Itajubá-Brazil) Latitude: -22.415°



$$\text{circumference} = \frac{360^\circ \times 7636\text{km}}{29.7^\circ + 39.2^\circ} = 39898 \text{ km}$$



Râmnicu Vâlcea, Romania

May 2018

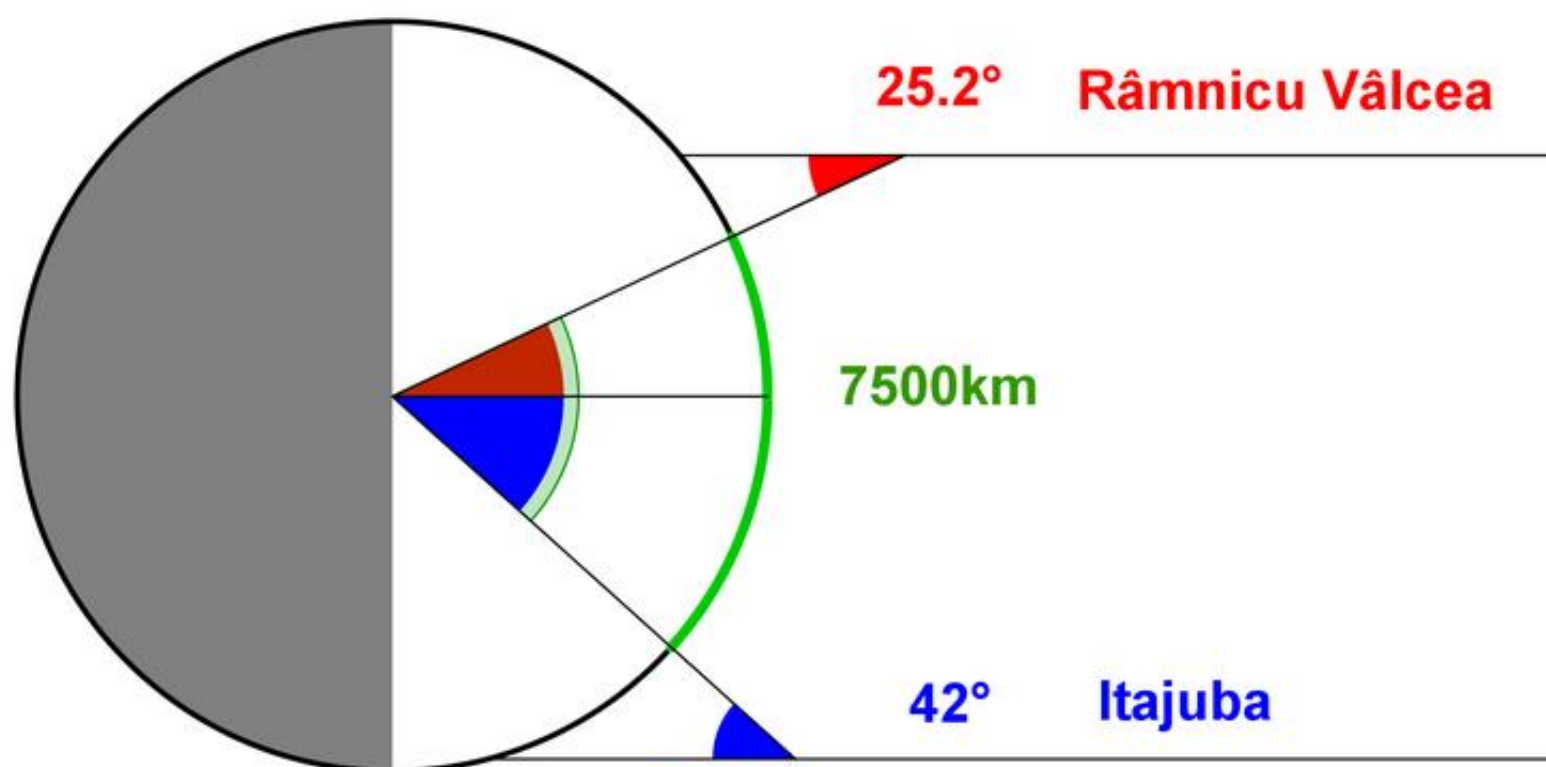


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Râmnicu Vâlcea	Romania	S.G. Nr4 Gradinita Dumbrava Minuata	45.093	24.358

Date	Gnomon	Shadow	Angle
02 May 2018	30 cm	16.8 cm	29.2 °
03 May 2018	30 cm	16.6 cm	29 °
08 May 2018	30.0 cm	15.7 cm	27.6 °
18 May 2018	30 cm	14.1 cm	25.2 °

18/05/2018 (Râmnicu Vâlcea-Romania) Latitude: 45.093°

18/05/2018 (Itajuba-Brazil) Latitude: -22.415°



$$\text{circumference} = \frac{360^\circ \times 7500\text{km}}{25.2^\circ + 42^\circ} = 40179 \text{ km}$$



Rio Cuarto, Argentina

May 2018

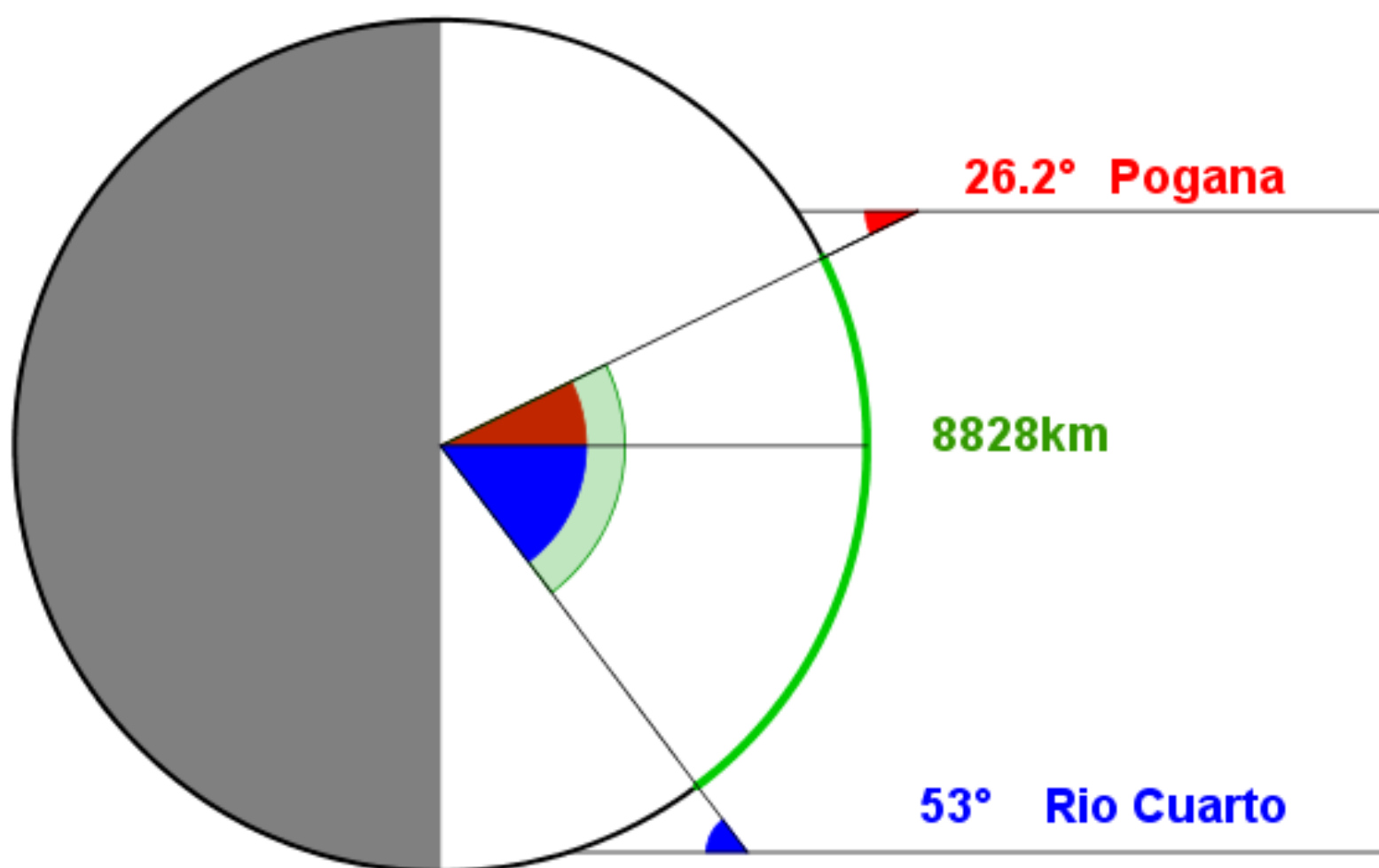


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Rio Cuarto	Argentina	Colegio Concordia	-33.149	-64.351

Date	Gnomon	Shadow	Angle
11 May 2018	53.5 cm	-63.5 cm	-49.9 °
22 May 2018	53.5 cm	-71 cm	-53 °

22/05/2018 (Pogana-Romania) Latitude: 46.313°

22/05/2018 (Rio Cuarto-Argentina) Latitude: -33.149°



$$\text{circumference} = \frac{360^\circ \times 8828\text{km}}{26.2^\circ + 53^\circ} = 40127 \text{ km}$$



Rio de Janeiro CENOM, Brazil

May 2018

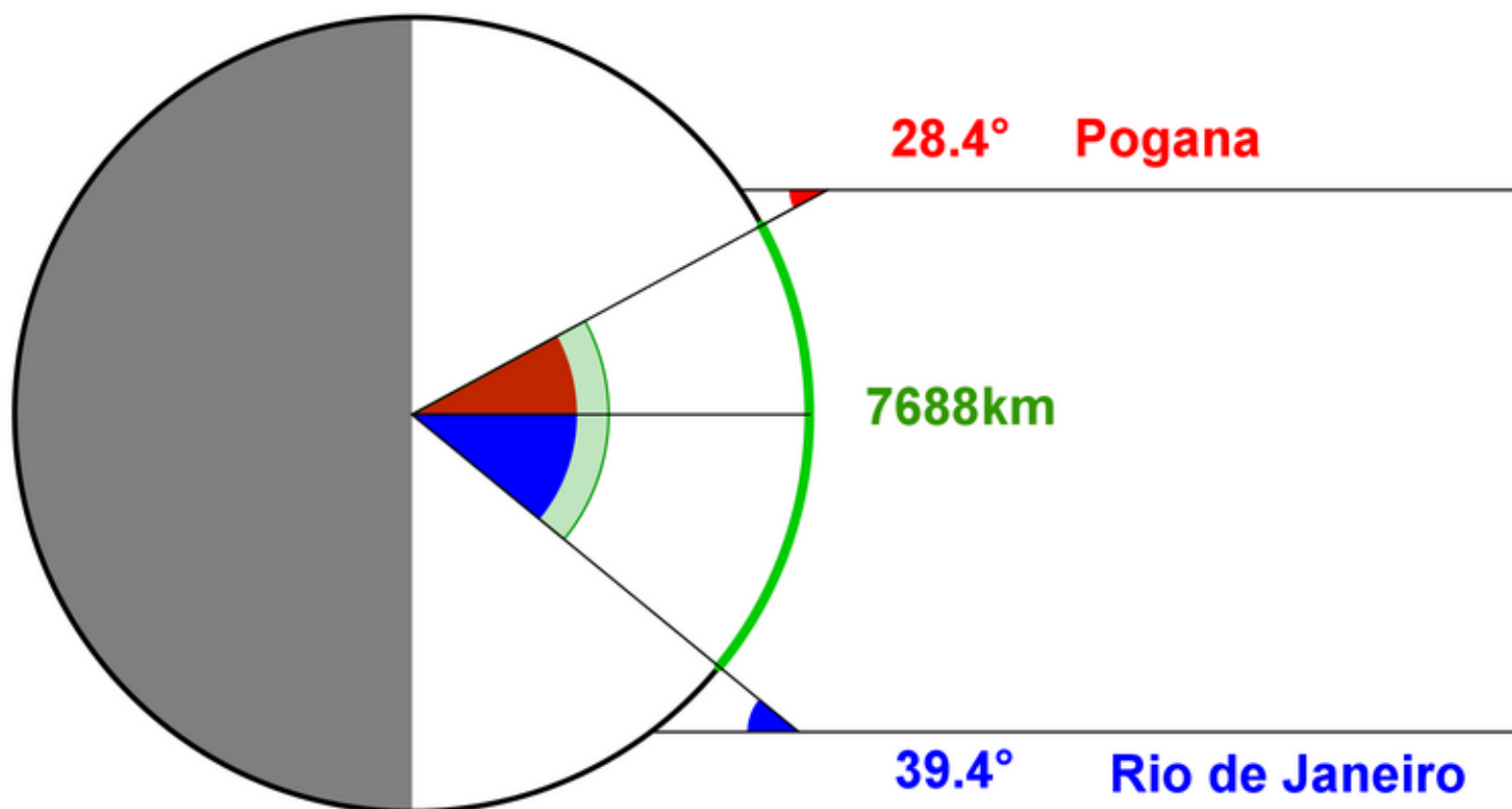


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Rio de Janeiro	Brazil	Centro Educacional Nosso Mundo	-22.890	-43.317

Date	Gnomon	Shadow	Angle
04 May 2018	100.0 cm	-74.0 cm	-36.5 °
11 May 2018	100 cm	-82 cm	-39.4 °
14 May 2018	100 cm	-82 cm	-39.4 °
15 May 2018	100 cm	-82 cm	-39.4 °
16 May 2018	100 cm	-82 cm	-39.4 °
18 May 2018	100 cm	-82 cm	-39.4 °
21 May 2018	100 cm	-86 cm	-40.7 °
22 May 2018	100 cm	-86 cm	-40.7 °
24 May 2018	100 cm	-86 cm	-40.7 °
28 May 2018	100.0 cm	-87.0 cm	-41.0 °
29 May 2018	100.0 cm	-89.0 cm	-41.7 °

11/05/2018 (Pogana-Romania) Latitude: 46.313°

11/05/2018 (Rio de Janeiro-Brazil) Latitude: -22.89°



$$\text{circumference} = \frac{360^\circ \times 7688\text{km}}{28.4^\circ + 39.4^\circ} = 40821 \text{ km}$$



Rionegro, Colombia

May 2018

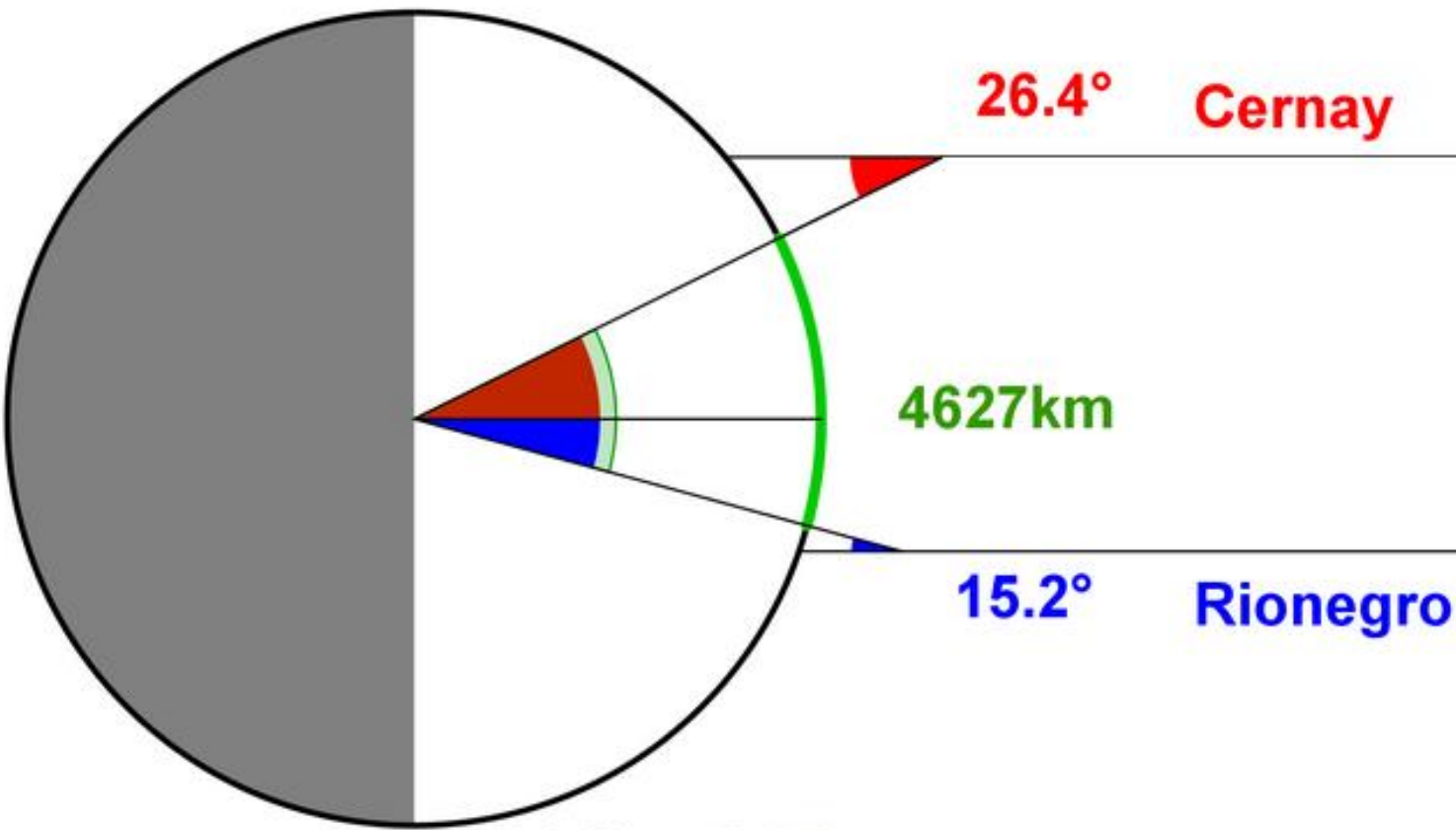


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Rionegro	Colombia	Colegio Campestre San Nicolás	6.163	-75.359

Date	Gnomon	Shadow	Angle
24 May 2018	22 cm	-5.7 cm	-14.5 °
28 May 2018	31.0 cm	-8.4 cm	-15.2 °
31 May 2018	23.0 cm	-6.3 cm	-15.3 °

28/05/2018 (Cernay-France) Latitude: 47.814°

28/05/2018 (Rionegro-Colombia) Latitude: 6.163°



circumference = $\frac{360^\circ \times 4627\text{km}}{26.4^\circ + 15.2^\circ} = 40041 \text{ km}$



Yamunanagar, India

May 2018

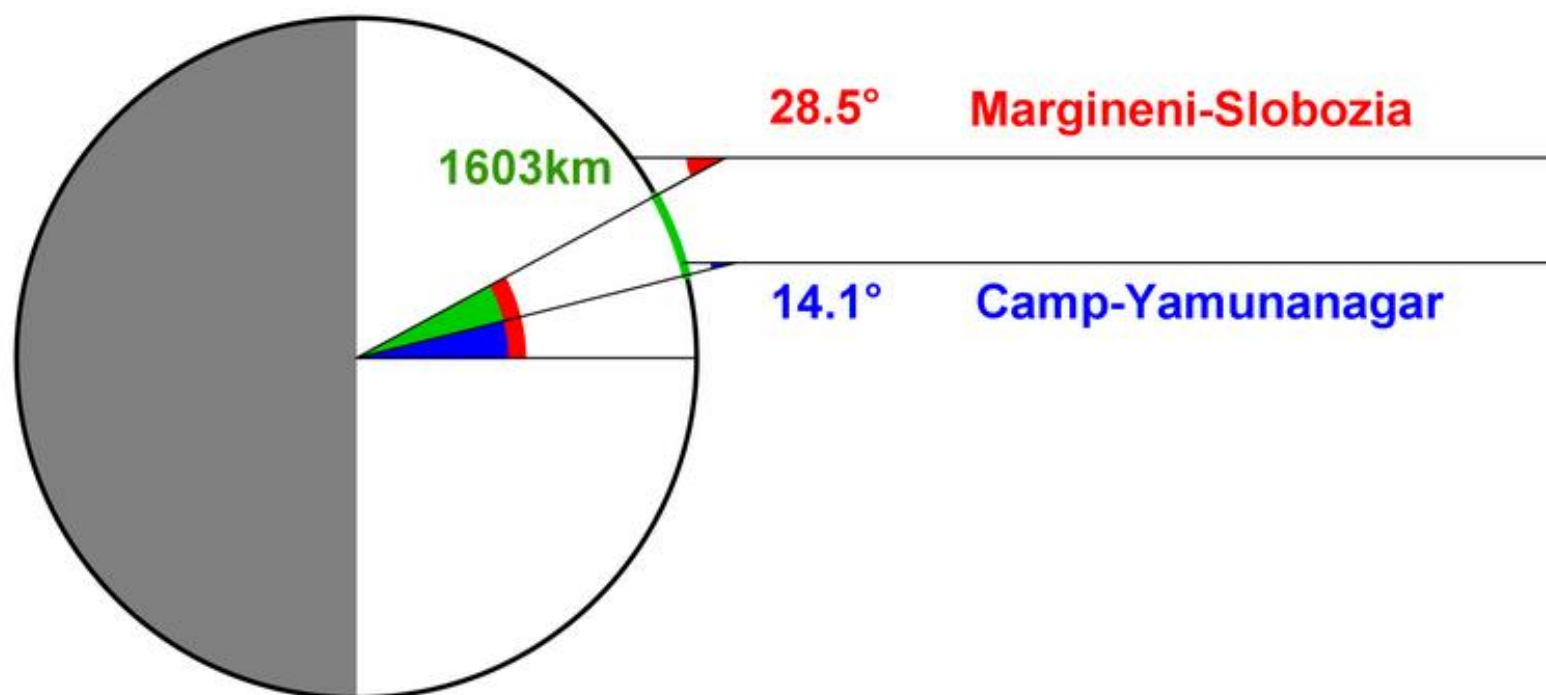


Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Yamunanagar	India	GSSS Camp Jain Colony	30.121	77.263

Date	Gnomon	Shadow	Angle
04 May 2018	36.7 cm	9.2 cm	14.1 °

04/05/2018 (Margineni-Slobozia-Romania) Latitude: 44.553°

04/05/2018 (Camp-Yamunanagar-India) Latitude: 30.121°



$$\text{circumference} = \frac{360^\circ \times 1603\text{km}}{28.5^\circ - 14.1^\circ} = 40075 \text{ km}$$



