

# January



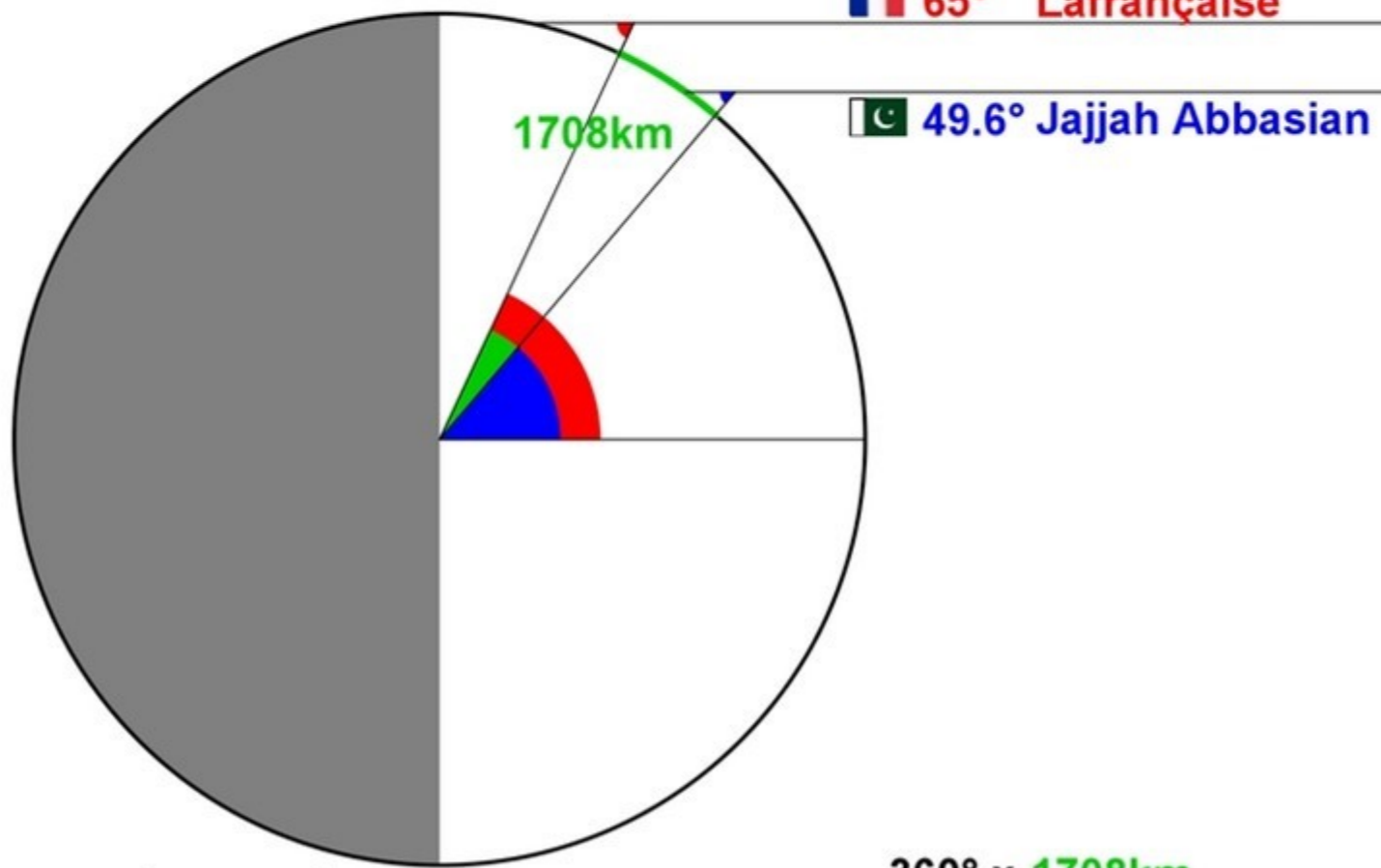
Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Jajjah Abbasian	Pakistan	Government Boys Secondary School	28.754	70.569

Date	Gnomon	Shadow	Angle
16 January 2020	100cm	117.3cm	49.6°
21 January 2020	100.0cm	113.2cm	48.5°
28 January 2020	100.0cm	107.1cm	47.0°



16/1/2020 (Lafrançaise-France) Latitude: 44.127°

16/1/2020 (Jajjah Abbasian-Pakistan) Latitude: 28.754°  
 65° Lafrançaise



Distance	Angle
circumference	360°
1708km	65° - 49.6°

$$\text{circumference} = \frac{360^\circ \times 1708\text{km}}{65^\circ - 49.6^\circ} = 39927 \text{ km}$$



# February



Flag	City	Country	School	Latitude (°) +N/-S	Longitude (°) +E/-W
	Jajjah Abbasian	Pakistan	Government Boys Secondary School	28.754	70.569

Date	Gnomon	Shadow	Angle
03 February 2020	100.0cm	101.2cm	45.3°
06 February 2020	100.0cm	98.1cm	44.5°
10 February 2020	100cm	94cm	43.2°
11 February 2020	100.0cm	92.9cm	42.9°
12 February 2020	100cm	122.5cm	50.8°
18 February 2020	100cm	85.6cm	40.6°

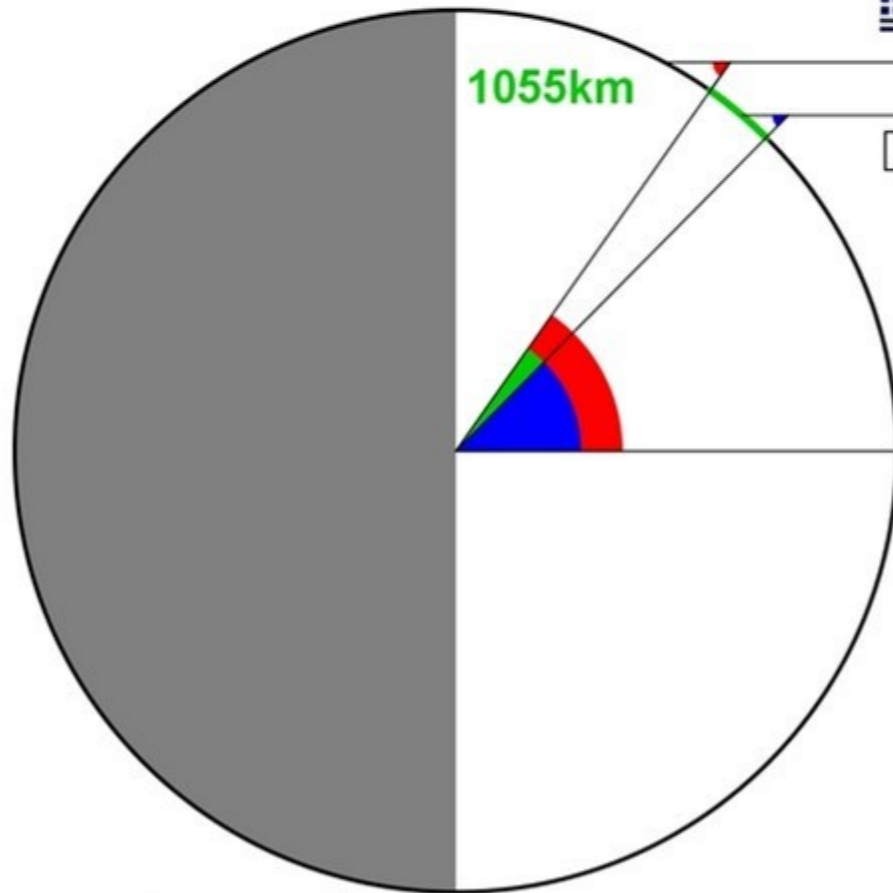


03/02/2020 (Aigio-Greece) Latitude: 38.252°

03/02/2020 (Jajjah Abbasian-Pakistan) Latitude: 28.754°

54.8° Aigio

45.3° Jajjah Abbasian



$$\text{circumference} = \frac{360^\circ \times 1055\text{km}}{54.8^\circ - 45.3^\circ} = 39979 \text{ km}$$

Distance	Angle
circumference	360°
1055km	54.8° - 45.3°