

In Alexandria, the solstice measurements took place this year on june 17th, because of Ramadan.





The angle of the sun at noon was 7.2°

Pont Saint Martin ITALY



Parintins BRAZIL



City	Country	School	Latitude	Longitude	Date	Gnomon height [cm]	Shadow length [cm]	Angle
Pont St Martin	Italy	Istituzione Scolastica Monte Rosa A	45.601	7.795	17-Jun	100.0	41.0	22.3
Alexandria	Egypt	Bibliotheca Alexandrina	31.209	29.909	17-Jun			7.2
Parintins	Brazil	Núcleo de Ensino e Pesquisa em Astronomia	-2.628	-56.7358	17-Jun	18.0	-7.4	-22.3

17 June		Pont St Martin	Parintins		
	Angle >	22.3	7.2	-22.3	
į.	Latitude V				
Pont St Martin	45.601		38122	43248	С
Alexandria	31.209	1599		45873	1
Parintins	-2.628	5358	3759		R
			DISTANCE		





