XVII. *The Latitude of* Madraſs *in the* Eaſt Indies, *deduced from Obſervations made by* William Stephens, *Chief Engineer. Communicated by* John Call, *Eſq. F. R. S.*

Read February 11, 1778.

Time.	What objects.	Latitudes of Madraſs, from Southern Z. diſt.	from Northern Z. diſt.
1776, Oct.	4. Sun	13 3 58	– –
	5. Sun	13 4 20	– –
	19. Sun	13 4 16	– –
	22. Sun	13 3 56	– –
Nov.	1. β Caſſiopea	– –	13 5 42
	α Caſſiopea	– –	13 5 58
	γ Caſſiopea	– –	13 5 44
	δ Caſſiopea	– –	13 5 39
	2. ϑ Capricorn	13 4 29	– –
	Fomalhaut	13 4 29	– –
	β Ceti	13 3 55	– –
	3. Moon, this rejected in medium,	– –	13 6 58
	10. Sun, very good,	13 4 9	– –
	ϒ Lacerta	– –	13 5 25
	λ Andromeda (called 1λ)	– –	13 5 25
	β Caſſiopea	– –	13 5 42
	α Caſſiopea	– –	13 15 9
		13 4 11	13 5 37

Mean latitude 13° 4′ 54″ North.

The above obſervations were taken with an aſtronomical braſs quadrant on the top of the houſe uſually inhabited by the chief engineer.