

to YARKAND via Chang-Chenmo and Shahidulá.—(Concluded.)

Double altitudes or zenith distances corrected for index and level errors.	ELEMENTS USED IN COMPUTATION OF REFRACTION.		DEDUCED LATITUDES.			REMARKS.	
	Baro- meter.	Ther. Faht.	By stars north of zenith.	By sun or stars south of zenith.	Final latitudes north.		
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Z. D. 50 25 21 ⁽³⁾	Inches. 26.3	Degrees. 29	o 38 11 53 ⁽³⁾			Mean time = 10 4 44	
D. A. 79 8 30	25.4	35	38 11 32				
" 114 42 40	25.4	35		38 12 11			
" 110 1 0	25.8	51		38 12 1	38 11 54		
Z. D. 50 13 58 ⁽¹⁾	26.5	28	38 24 48 ⁽¹⁾		} 38 24 57	Mean time = 10 45 0	
" 56 9 37 ⁽⁵⁾	26.4	47					
" 23 37 58	26.4	40	38 24 55	38 25 16 ⁽⁵⁾			" = 12 2 29
" 29 6 39	26.4	40					
" 39 20 19	26.4	40		38 24 59			
" 50 21 50 ⁽³⁾	26.5	35	38 24 48 ⁽³⁾	38 25 5			
" 50 13 21 ⁽⁴⁾	26.5	31	38 24 40 ⁽⁴⁾			Mean time = 11 34 50	
D. A. 79 36 20	26.2	40	38 25 28			" = 9 14 51	
" 79 36 40	26.2	40	38 25 38				
" 70 7 30	26.2	22		38 25 4			
" 114 16 50	"	22		38 25 5			
" 86 58 30	"	22		38 25 7			
" 135 43 40	"	22		38 23 52			
" 86 30 10	"	22		38 25 3			
" 46 14 10	"	22	38 24 59				
" 46 14 10	"	22	38 24 59				
" 65 51 10	"	22		38 24 55			
" 105 9 40	"	22		38 24 57			
" 86 29 0	"	22		38 25 36			
" 70 7 30	"	22		38 24 59			
" 56 53 0	"	32		38 25 16			
" 79 35 40	"	22	38 25 16				
" 117 55 50	"	22		38 25 36			
" 70 7 0	"	22		38 25 14			
" 114 16 10	"	22		38 25 22			
" 128 21 0	"	22		38 24 55	} 38 25 8	Final latitude of Yarkand 38° 25' 2".5	
" 56 50 10	"	32		38 25 18			
" 135 40 40	"	22		38 25 22			
" 56 52 30	"	32		38 24 9			
" 86 58 50	"	22		38 24 51			
" 128 21 30	"	22		38 24 39			
" 74 10 0	"	18	38 25 16				
" 58 43 0	"	28		38 25 22			
" 60 6 40	"	28		38 24 57			
" 60 45 20	"	28		38 25 11			
" 104 18 20	"	18		38 25 6			
" 82 12 30	"	18		38 24 37			
" 46 14 10	"	18	38 25 7				
" 74 9 40	"	18	38 25 5				
" 86 30 0	"	18		38 25 0			
" 117 56 10	"	18		38 25 24			
" 70 7 0	"	18		38 25 6			
" 103 19 40	"	49		38 25 15			