

to YARKAND via Chang-Chenmo and Sháhídúlla.

Double altitudes or zenith distances corrected for index and level errors.	ELEMENTS USED IN COMPUTATION OF REFRACTION.		DEDUCED LATITUDES.			REMARKS.
	Barometer.	Ther. Faht.	By stars north of zenith.	By sun or stars south of zenith.	Final latitudes north.	
	° ' "	Inches. Degrees.	° ' "	° ' "	° ' "	
Z. D. 30 47 40	15.8	44		34 4 49	34 4 49	In observations with the sextant the stars have been invariably taken on the meridian. In observations with the theodolite the stars have been taken on the meridian except where an asterisk has been affixed to the name of the star (in column 6). Where this occurs the numbers in the column of Remarks are the computed means of the true local times of observation used in the computation for latitude. The numbers in brackets in columns 7, 10, and 11, denote the number of pairs (face left and face right) of observations taken. The corresponding figures in column 7 give the corrected mean zenith distance.  The theodolite employed is described in the Geographical Appendix, Section B.
D. A. 51 27 20	18.2	51		34 0 1		
" 129 5 10	18.2	51		33 59 55		
" 51 27 0	18.2	51		34 0 12		
" 114 38 20	18.2	51		34 0 23		
Z. D. 32 17 12	18.0	61		33 59 57	34 0 6	
D. A. 51 17 20	17.6	33		34 5 4		
" 70 55 50	17.6	33	34 5 6			
" 128 55 40	17.6	33		34 4 40	34 4 59	
D. A. 128 24 10	17.0	44		34 20 24		
" 50 47 10	17.0	44		34 20 4		
" 128 23 0	17.0	44		34 21 1		
" 50 41 40	17.0	44		34 22 49		
" 71 27 30	17.0	44	34 21 1		34 21 4	
D. A. 128 7 0	16.3	44		34 28 59		
" 94 21 10	16.3	44		34 29 13	34 29 6	
D. A. 127 55 53	"	"		34 34 33		
" 71 56 33	"	"	34 35 32		34 35 3	
D. A. 127 29 33	"	"		34 47 45		
" 72 23 13	"	"	34 48 51			
" 93 47 23	"	"		34 46 10	34 47 54	
D. A. 126 32 43	"	"		35 16 9		
" 73 19 43	"	"	35 17 9		35 16 39	