

Observations of Lunar Zenith Distances and resulting determination of Long.—(contd.)

PLACE OF OBSERVATION.	Astronomical date.	THE MOON.		Mean of each pair of observed Z. Ds corrected for dislevelment.	Mean of Chronometer Times.	RESULTING LONGITUDE.		Approx. sidereal time of observations.
		E. or W. of Meridian.	Upper or Lower Limb.			Value from each pair of observations.	Mean of each day's observations.	
KASHGHAR (Yangi-Shahr)—concluded.	29th Jan. 1874.	E.	U.	38 36 19	H. M. S.	H. M. S.		
				37 53 53	54 39.8	4 51		
				37 12 17	58 25.6	4 59		
	31st Jan. 1874.	E.	U.	42 21 6	7 2 7.9	4 54		
				41 39 0	8 31 25.7	5 4 44		H. M.
				40 2 49	35 12.4	4 24		
				38 29 9	43 48.7	4 51	5 4 39	5 30
				37 54 22	52 15.4	4 29		
				36 36 42	55 23.6	4 34		
	Arithmetical Mean of Longitude from six days' observations, which is the value finally adopted.						H. M. S.	
						5 4 27.2		
						or		
						76 6 47.5		
YARKAND ... Station of observation in the Embassy Quarters in the centre of the Yangi-Shahr or New City.	8th Nov. 1873.	E.	L.	54 59 57	11 10 35.0	5 8 30	H. M. S.	H. M.
				53 48 30	16 54.7	8 30		
				53 7 19	20 33.2	8 35	5 8 51	2 40
				52 21 38	24 35.1	8 43		
				51 34 9	28 44.9	9 13		
				48 19 50	45 50.8	8 58		
				47 38 27	49 28.3	9 6		
				46 26 52	55 44.5	9 8		
				45 30 28	12 0 41.2	9 0		
				Ditto ...	" "	W.	U.	57 55 21
58 32 13	26 7.9	10 0						
59 15 55	30 1.8	10 7	5 9 56					11 50
60 10 58	34 58.4	9 50						
60 47 38	38 15.6	9 55						
61 29 37	42 2.2	9 52						
62 16 38	46 16.0	10 4						
63 29 22	52 50.8	9 59						