

Observations of Lunar Zenith Distances and resulting determination of Longitude.

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.	H. M. S.	
KASHGHAR (Yangi-Shahr). The station of observation was in the centre of the Embassy Buildings just outside of and to the north of the YangiShahr or New City.	6th Dec. 1873.	E.	L.	48 30 3 47 48 47 46 40 26 46 3 40 43 59 14 43 16 48 42 25 11 41 45 4	H. M. S. 10 27 19.3 30 59.0 37 4.4 40 19.9 51 24.4 55 9.3 59 45.2 11 3 18.2	H. M. S. 5 4 9 4 25 4 6 4 15 3 51 4 16 4 0 4 25	H. M. S. 5 4 11	H. M. 3 45	
	7th "	E.	L.	49 1 13 48 7 59 47 2 24 46 23 50 45 7 4 44 27 30 43 33 28 42 51 23	H. M. S. 11 24 3.1 28 46.8 34 37.3 38 2.3 44 52.1 48 23.3 53 12.9 56 58.0	H. M. S. 5 3 59 4 10 3 56 4 19 4 20 4 21 4 7 4 5	H. M. S. 5 4 10	H. M. 4 45	
	27th "	W.	L.	53 13 22 54 2 16 57 16 20 58 0 11 59 4 2 59 42 29	H. M. S. 9 47 18.0 52 17.1 10 11 34.9 15 52.1 22 2.4 25 44.6	H. M. S. 5 4 14 4 11 4 23 4 17 4 32 4 24	H. M. S. 5 4 20	H. M. 4 40	
	28th "	W.	L.	46 56 38 47 43 14 48 33 30 49 43 0 50 17 58 51 17 43 51 53 54 52 45 57 53 23 12 54 25 40	H. M. S. 10 25 34.8 30 10.9 35 5.8 41 48.7 45 10.3 50 52.7 54 18.5 59 13.6 11 2 44.2 8 34.2	H. M. S. 5 4 42 4 34 4 28 4 41 4 40 4 36 4 42 4 36 4 23 4 34	H. M. S. 5 4 36	H. M. 5 15	
	29th Jan. 1874.	E.	U.	42 31 24 41 49 33 41 1 42 40 14 34 39 13 27	H. M. S. 6 33 49.5 37 32.2 41 46.0 45 57.1 51 22.2	H. M. S. 5 4 41 4 36 4 48 4 41 4 44	H. M. S. 5 4 47	H. M. 3 25	