

**Acceptable Error in OBJECT altitude (minutes of arc) when error in cleared lunar distance will be 0.1'**

Lunar distance (degrees)	Altitude of the OBJECT (degrees)																
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85
5	0,5249	0,531	0,5414	0,5565	0,577	0,6038	0,6384	0,6826	0,7395	0,8135	0,9117	1,0459	1,2374	1,529	2,0205	3,0115	6
10	1,0459	1,058	1,0786	1,1088	1,1496	1,2031	1,2719	1,3601	1,4735	1,6209	1,8165	2,0838	2,4653	3,0463	4,0256	6	11,954
15	1,5588	1,5769	1,6077	1,6526	1,7135	1,7932	1,8958	2,0272	2,1962	2,4159	2,7074	3,1058	3,6745	4,5404	6	8,9429	17,818
20	2,06	2,0838	2,1245	2,1838	2,2643	2,3696	2,5052	2,6789	2,9021	3,1925	3,5778	4,1042	4,8557	6	7,9288	11,818	23,545
25	2,5454	2,5748	2,6252	2,6984	2,7978	2,928	3,0955	3,3101	3,586	3,9449	4,4209	5,0714	6	7,4139	9,7972	14,603	29,094
30	3,0115	3,0463	3,1058	3,1925	3,3101	3,4641	3,6623	3,9162	4,2426	4,6672	5,2303	6	7,0986	8,7714	11,591	17,276	34,421
35	3,4546	3,4945	3,5629	3,6623	3,7972	3,9739	4,2012	4,4925	4,867	5,354	6	6,8829	8,1432	10,062	13,297	19,819	39,486
40	3,8715	3,9162	3,9928	4,1042	4,2554	4,4534	4,7082	5,0346	5,4542	6	6,724	7,7135	9,1258	11,276	14,901	22,21	44,251
45	4,2588	4,3081	4,3923	4,5149	4,6812	4,899	5,1793	5,5384	6	6,6004	7,3968	8,4853	10,039	12,405	16,392	24,432	48,679
50	4,6138	4,6672	4,7584	4,8912	5,0714	5,3073	5,611	6	6,5001	7,1505	8,0133	9,1925	10,876	13,439	17,759	26,469	52,736
55	4,9337	4,9907	5,0883	5,2303	5,423	5,6753	6	6,416	6,9507	7,6462	8,5689	9,8298	11,63	14,37	18,99	28,304	56,392
60	5,216	5,2763	5,3795	5,5296	5,7333	6	6,3433	6,7831	7,3485	8,0838	9,0592	10,392	12,295	15,193	20,076	29,923	59,619
65	5,4586	5,5217	5,6297	5,7868	6	6,2791	6,6384	7,0986	7,6903	8,4598	9,4806	10,876	12,867	15,899	21,01	31,315	62,392
70	5,6597	5,7251	5,837	6	6,221	6,5104	6,8829	7,3601	7,9736	8,7714	9,8298	11,276	13,341	16,485	21,784	32,469	64,691
75	5,8177	5,885	6	6,1675	6,3947	6,6921	7,0751	7,5656	8,1962	9,0163	10,104	11,591	13,713	16,945	22,392	33,375	66,497
80	5,9314	6	6,1173	6,2881	6,5197	6,8229	7,2134	7,7135	8,3564	9,1925	10,302	11,818	13,982	17,276	22,83	34,028	67,796
85	6	6,0694	6,188	6,3608	6,5951	6,9018	7,2968	7,8026	8,453	9,2988	10,421	11,954	14,143	17,476	23,094	34,421	68,58
90	6,0229	6,0926	6,2117	6,3851	6,6203	6,9282	7,3246	7,8324	8,4853	9,3343	10,461	12	14,197	17,543	23,182	34,553	68,842
95	6	6,0694	6,188	6,3608	6,5951	6,9018	7,2968	7,8026	8,453	9,2988	10,421	11,954	14,143	17,476	23,094	34,421	68,58
100	5,9314	6	6,1173	6,2881	6,5197	6,8229	7,2134	7,7135	8,3564	9,1925	10,302	11,818	13,982	17,276	22,83	34,028	67,796
105	5,8177	5,885	6	6,1675	6,3947	6,6921	7,0751	7,5656	8,1962	9,0163	10,104	11,591	13,713	16,945	22,392	33,375	66,497
110	5,6597	5,7251	5,837	6	6,221	6,5104	6,8829	7,3601	7,9736	8,7714	9,8298	11,276	13,341	16,485	21,784	32,469	64,691
115	5,4586	5,5217	5,6297	5,7868	6	6,2791	6,6384	7,0986	7,6903	8,4598	9,4806	10,876	12,867	15,899	21,01	31,315	62,392
120	5,216	5,2763	5,3795	5,5296	5,7333	6	6,3433	6,7831	7,3485	8,0838	9,0592	10,392	12,295	15,193	20,076	29,923	59,619
125	4,9337	4,9907	5,0883	5,2303	5,423	5,6753	6	6,416	6,9507	7,6462	8,5689	9,8298	11,63	14,37	18,99	28,304	56,392
130	4,6138	4,6672	4,7584	4,8912	5,0714	5,3073	5,611	6	6,5001	7,1505	8,0133	9,1925	10,876	13,439	17,759	26,469	52,736
135	4,2588	4,3081	4,3923	4,5149	4,6812	4,899	5,1793	5,5384	6	6,6004	7,3968	8,4853	10,039	12,405	16,392	24,432	48,679