

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

Lunar distance (degrees)	Altitude of the MOON (degrees)																
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85
5	0,5269	0,533	0,5434	0,5586	0,5792	0,6061	0,6408	0,6853	0,7424	0,8166	0,9152	1,0499	1,2421	1,5348	2,0282	3,023	6,0229
10	1,062	1,0743	1,0953	1,1259	1,1673	1,2216	1,2915	1,3811	1,4962	1,6459	1,8445	2,1159	2,5034	3,0933	4,0877	6,0926	12,139
15	1,6138	1,6325	1,6644	1,7109	1,7739	1,8564	1,9626	2,0987	2,2736	2,5011	2,8029	3,2154	3,8041	4,7006	6,2117	9,2583	18,446
20	2,1922	2,2175	2,2609	2,324	2,4096	2,5217	2,666	2,8508	3,0884	3,3974	3,8074	4,3676	5,1674	6,3851	8,4376	12,576	25,057
25	2,8085	2,841	2,8965	2,9774	3,0871	3,2307	3,4155	3,6523	3,9568	4,3527	4,8779	5,5957	6,6203	8,1804	10,81	16,112	32,102
30	3,4773	3,5175	3,5863	3,6864	3,8222	4	4,2289	4,5221	4,899	5,3892	6,0395	6,9282	8,1968	10,128	13,384	19,949	39,746
35	4,2173	4,2661	4,3494	4,4709	4,6356	4,8512	5,1288	5,4843	5,9415	6,536	7,3246	8,4025	9,941	12,284	16,232	24,194	48,204
40	5,0538	5,1123	5,2122	5,3577	5,5551	5,8135	6,1461	6,5722	7,12	7,8324	8,7776	10,069	11,913	14,72	19,452	28,993	57,766
45	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
50	7,1778	7,2608	7,4028	7,6094	7,8897	8,2567	8,7292	9,3343	10,112	11,124	12,467	14,301	16,92	20,907	27,627	41,178	82,043
55	8,6016	8,7011	8,8712	9,1188	9,4547	9,8945	10,461	11,186	12,118	13,331	14,939	17,138	20,276	25,054	33,108	49,346	98,317
60	10,432	10,553	10,759	11,059	11,467	12	12,687	13,566	14,697	16,168	18,118	20,785	24,59	30,385	40,153	59,847	119,24
65	12,916	13,066	13,321	13,693	14,197	14,858	15,708	16,797	18,197	20,018	22,433	25,734	30,446	37,621	49,714	74,098	147,63
70	16,548	16,739	17,066	17,543	18,189	19,035	20,124	21,519	23,313	25,646	28,74	32,97	39,007	48,199	63,693	94,933	189,14
75	22,478	22,738	23,182	23,829	24,707	25,856	27,336	29,231	31,668	34,836	39,04	44,785	52,985	65,471	86,517	128,95	256,92
80	34,158	34,553	35,228	36,212	37,545	39,292	41,54	44,42	48,122	52,938	59,325	68,055	80,516	99,49	131,47	195,96	390,42
85	68,842	69,638	71	72,982	75,67	79,19	83,721	89,525	96,987	106,69	119,57	137,16	162,27	200,52	264,97	394,94	786,87
90	no effect to cleared distance																
95	-68,84	-69,64	-71	-72,98	-75,67	-79,19	-83,72	-89,53	-96,99	-106,7	-119,6	-137,2	-162,3	-200,5	-265	-394,9	-786,9
100	-34,16	-34,55	-35,23	-36,21	-37,55	-39,29	-41,54	-44,42	-48,12	-52,94	-59,33	-68,06	-80,52	-99,49	-131,5	-196	-390,4
105	-22,48	-22,74	-23,18	-23,83	-24,71	-25,86	-27,34	-29,23	-31,67	-34,84	-39,04	-44,78	-52,98	-65,47	-86,52	-129	-256,9
110	-16,55	-16,74	-17,07	-17,54	-18,19	-19,04	-20,12	-21,52	-23,31	-25,65	-28,74	-32,97	-39,01	-48,2	-63,69	-94,93	-189,1
115	-12,92	-13,07	-13,32	-13,69	-14,2	-14,86	-15,71	-16,8	-18,2	-20,02	-22,43	-25,73	-30,45	-37,62	-49,71	-74,1	-147,6
120	-10,43	-10,55	-10,76	-11,06	-11,47	-12	-12,69	-13,57	-14,7	-16,17	-18,12	-20,78	-24,59	-30,39	-40,15	-59,85	-119,2
125	-8,602	-8,701	-8,871	-9,119	-9,455	-9,894	-10,46	-11,19	-12,12	-13,33	-14,94	-17,14	-20,28	-25,05	-33,11	-49,35	-98,32
130	-7,178	-7,261	-7,403	-7,609	-7,89	-8,257	-8,729	-9,334	-10,11	-11,12	-12,47	-14,3	-16,92	-20,91	-27,63	-41,18	-82,04
135	-6,023	-6,093	-6,212	-6,385	-6,62	-6,928	-7,325	-7,832	-8,485	-9,334	-10,46	-12	-14,2	-17,54	-23,18	-34,55	-68,84