

Minor Planet Ephemeris Service: Query Results

Below are the results of your request from the Minor Planet Center's Minor Planet Ephemeris Service. Ephemerides are for the long., lat. and alt. you specified.

C/2021 A1

Perturbed ephemeris below is based on elements from [MPEC 2021-XG5](#).

CK21A010																						
Date	UT			R.A. (J2000)					Decl.	Delta	r	El.	Ph.	m1	Sky Motion		Object		Sun	Moon		
	h	m	s											"/min	P.A.	Azi.	Alt.	Alt.	Phase	Dist.	Alt.	
2021	12	12	220000	17	19	36.4	-03	50	19	0.234	0.768	19.3	154.9	4.2	24.95	125.8	079	+07	-05	0.68	113	+40
2021	12	13	220000	17	51	44.8	-09	31	17	0.240	0.756	15.2	160.1	4.2	23.71	125.0	070	+09	-05	0.77	117	+37
2021	12	14	220000	18	22	22.1	-14	37	51	0.253	0.744	15.3	159.6	4.2	21.35	123.6	061	+10	-05	0.85	121	+34
2021	12	15	220000	18	50	30.3	-18	56	37	0.271	0.732	18.5	154.7	4.3	18.47	121.7	054	+11	-05	0.91	127	+29
2021	12	16	220000	19	15	37.9	-22	25	43	0.295	0.721	22.6	148.4	4.4	15.58	119.6	048	+11	-05	0.96	133	+23
2021	12	17	220000	19	37	36.9	-25	10	26	0.322	0.710	26.3	142.1	4.6	12.98	117.6	043	+11	-05	0.99	140	+16
2021	12	18	220000	19	56	35.9	-27	18	48	0.352	0.700	29.6	136.1	4.7	10.77	115.8	039	+11	-05	1.00	148	+09
2021	12	19	220000	20	12	52.0	-28	58	46	0.384	0.690	32.2	130.6	4.8	8.93	114.1	035	+11	-05	1.00	156	+01
2021	12	20	220000	20	26	45.6	-30	17	04	0.418	0.681	34.3	125.5	4.9	7.44	112.7	033	+11	-05	0.97	164	-06
2021	12	21	220000	20	38	36.6	-31	19	00	0.453	0.672	35.9	120.8	5.1	6.22	111.5	031	+11	-05	0.93	171	-14
2021	12	22	220000	20	48	43.3	-32	08	33	0.489	0.663	37.2	116.4	5.2	5.22	110.5	029	+11	-05	0.88	169	-22
2021	12	23	220000	20	57	21.5	-32	48	40	0.526	0.656	38.1	112.2	5.3	4.40	109.8	028	+11	-05	0.81	161	-29
2021	12	24	220000	21	04	44.5	-33	21	35	0.563	0.648	38.7	108.3	5.4	3.73	109.3	027	+11	-04	0.72	150	-36
2021	12	25	220000	21	11	03.5	-33	48	54	0.601	0.642	39.2	104.6	5.5	3.16	108.9	026	+11	-04	0.63	139	-41
2021	12	26	220000	21	16	27.9	-34	11	49	0.639	0.636	39.4	100.9	5.6	2.69	108.7	026	+10	-04	0.52	128	-45
2021	12	27	220000	21	21	05.5	-34	31	14	0.677	0.631	39.5	97.4	5.7	2.28	108.7	026	+10	-04	0.41	115	-47
2021	12	28	220000	21	25	02.6	-34	47	51	0.715	0.626	39.5	94.0	5.7	1.94	108.9	026	+10	-04	0.30	103	-46
2021	12	29	220000	21	28	24.7	-35	02	10	0.753	0.623	39.3	90.7	5.8	1.65	109.2	026	+10	-04	0.20	089	-41
2021	12	30	220000	21	31	16.3	-35	14	35	0.791	0.620	39.0	87.5	5.9	1.39	109.8	026	+09	-04	0.12	076	-34
2021	12	31	220000	21	33	41.4	-35	25	23	0.829	0.617	38.7	84.3	6.0	1.17	110.5	026	+09	-04	0.05	062	-25
2022	01	01	220000	21	35	43.2	-35	34	50	0.867	0.616	38.2	81.2	6.1	0.98	111.4	026	+09	-04	0.01	048	-15
2022	01	02	220000	21	37	24.6	-35	43	07	0.904	0.615	37.8	78.1	6.2	0.81	112.6	027	+08	-03	0.00	034	-04
2022	01	03	220000	21	38	48.0	-35	50	21	0.941	0.615	37.2	75.1	6.3	0.67	114.1	027	+08	-03	0.02	022	+07
2022	01	04	220000	21	39	55.7	-35	56	41	0.977	0.616	36.6	72.2	6.3	0.54	116.0	028	+08	-03	0.07	016	+17
2022	01	05	220000	21	40	49.4	-36	02	12	1.013	0.618	36.0	69.4	6.4	0.43	118.5	028	+07	-03	0.14	020	+27

These calculations have been performed on the [Tamkin Foundation Computing Network](#).