

Earth Date/Time UT				Earth Date/Time UT				Earth Date/Time UT				Earth Date/Time UT				Earth				Mars			
Sun 20210207t022704	1	359.820°	Thu 20210624t185146	135	63.204°	Tue 20211109t111629	269	124.790°	Sun 20220327t034112	403	197.679°	Thu 20220811t200555	537	283.473°	00:00:00.000	00:00:00							
Mon 20210208t030639	2	0.333°	Fri 20210625t193122	136	63.653°	Wed 20211110t115605	270	125.278°	Mon 20220328t042047	404	198.287°	Fri 20220812t204530	538	284.108°	01:01:38.969	01:00:00							
Tue 20210209t034614	3	0.845°	Sat 20210626t201057	137	64.103°	Thu 20211111t123540	271	125.765°	Tue 20220329t050023	405	198.897°	Sat 20220813t212505	539	284.742°	02:03:17.937	02:00:00							
Wed 20210210t042549	4	1.356°	Sun 20210627t205032	138	64.552°	Fri 20211112t131515	272	126.254°	Wed 20220330t053958	406	199.507°	Sun 20220814t220441	540	285.375°	03:04:56.906	03:00:00							
Thu 20210211t050525	5	1.867°	Mon 20210628t213007	139	65.001°	Sat 20211113t135450	273	126.743°	Thu 20220331t061933	407	200.118°	Mon 20220815t224416	541	286.008°	04:06:35.874	04:00:00							
Fri 20210212t054500	6	2.376°	Tue 20210629t220943	140	65.450°	Sun 20211114t143425	274	127.233°	Fri 20220401t065908	408	200.730°	Tue 20220816t232351	542	286.640°	05:08:14.843	05:00:00							
Sat 20210213t062435	7	2.885°	Wed 20210630t224918	141	65.899°	Mon 20211115t151401	275	127.724°	Sat 20220402t073844	409	201.343°	Thu 20220818t000326	543	287.271°	06:09:53.811	06:00:00							
Sun 20210214t070410	8	3.393°	Thu 20210701t232853	142	66.348°	Tue 20211116t155336	276	128.215°	Sun 20220403t081819	410	201.957°	Fri 20220819t004302	544	287.902°	07:11:32.780	07:00:00							
Mon 20210215t074346	9	3.901°	Sat 20210703t000828	143	66.796°	Wed 20211117t163311	277	128.707°	Mon 20220404t085754	411	202.571°	Sat 20220820t012237	545	288.531°	08:13:11.748	08:00:00							
Tue 20210216t082321	10	4.407°	Sun 20210704t004804	144	67.245°	Thu 20211118t171246	278	129.199°	Tue 20220405t093729	412	203.187°	Sun 20220821t020212	546	289.161°	09:14:50.717	09:00:00							
Wed 20210217t090256	11	4.913°	Mon 20210705t012739	145	67.694°	Fri 20211119t175222	279	129.693°	Wed 20220406t101705	413	203.803°	Mon 20220822t024147	547	289.789°	10:16:29.685	10:00:00							
Thu 20210218t094231	12	5.418°	Tue 20210706t020714	146	68.142°	Sat 20211120t183157	280	130.187°	Thu 20220407t105640	414	204.420°	Tue 20220823t032123	548	290.417°	11:18:08.654	11:00:00							
Fri 20210219t102207	13	5.922°	Wed 20210707t024649	147	68.591°	Sun 20211121t191132	281	130.681°	Fri 20220408t113615	415	205.038°	Wed 20220824t040058	549	291.043°	12:19:47.623	12:00:00							
Sat 20210220t110142	14	6.425°	Thu 20210708t032625	148	69.039°	Mon 20211122t195107	282	131.177°	Sat 20220409t121550	416	205.657°	Thu 20220825t044033	550	291.670°	13:21:26.591	13:00:00							
Sun 20210221t114117	15	6.927°	Fri 20210709t040600	149	69.488°	Tue 20211123t203043	283	131.673°	Sun 20220410t125526	417	206.277°	Fri 20220826t052008	551	292.295°	14:23:05.560	14:00:00							
Mon 20210222t122052	16	7.429°	Sat 20210710t044535	150	69.937°	Wed 20211124t211018	284	132.170°	Mon 20220411t133501	418	206.897°	Sat 20220827t055944	552	292.920°	15:24:44.528	15:00:00							
Tue 20210223t130028	17	7.930°	Sun 20210711t052510	151	70.385°	Thu 20211125t214953	285	132.668°	Tue 20220412t141436	419	207.519°	Sun 20220828t063919	553	293.543°	16:26:23.497	16:00:00							
Wed 20210224t134003	18	8.430°	Mon 20210712t060446	152	70.833°	Fri 20211126t222928	286	133.166°	Wed 20220413t145411	420	208.141°	Mon 20220829t071854	554	294.166°	17:28:02.465	17:00:00							
Thu 20210225t141938	19	8.930°	Tue 20210713t064421	153	71.282°	Sat 20211127t230904	287	133.665°	Thu 20220414t153347	421	208.764°	Tue 20220830t075829	555	294.788°	18:29:41.434	18:00:00							
Fri 20210226t145913	20	9.429°	Wed 20210714t072356	154	71.730°	Sun 20211128t234839	288	134.165°	Fri 20220415t161322	422	209.388°	Wed 20220831t083805	556	295.410°	19:31:20.402	19:00:00							
Sat 20210227t1513849	21	9.927°	Thu 20210715t080331	155	72.179°	Tue 20211129t002814	289	134.666°	Sat 20220416t165257	423	210.012°	Thu 20220901t091740	557	296.030°	20:32:59.371	20:00:00							
Sun 20210228t161824	22	10.424°	Fri 20210716t084307	156	72.627°	Wed 20211201t010749	290	135.168°	Sun 20220417t173232	424	210.638°	Fri 20220902t095715	558	296.650°	21:34:38.339	21:00:00							
Mon 20210301t165759	23	10.920°	Sat 20210717t092242	157	73.076°	Thu 20211202t014725	291	135.670°	Mon 20220418t181207	425	211.264°	Sat 20220903t103650	559	297.269°	22:36:17.308	22:00:00							
Tue 20210302t173734	24	11.416°	Sun 20210718t100217	158	73.524°	Fri 20211203t022700	292	136.173°	Tue 20220419t185143	426	211.891°	Sun 20220904t111626	560	297.887°	23:37:56.276	23:00:00							
Wed 20210303t181709	25	11.911°	Mon 20210719t104152	159	73.973°	Sat 20211204t030635	293	136.677°	Wed 20220420t193118	427	212.519°	Mon 20220905t115601	561	298.504°	24:39:35.245	24:00:00							
Thu 20210304t185645	26	12.406°	Tue 20210720t112128	160	74.422°	Sun 20211205t034610	294	137.181°	Thu 20220421t201053	428	213.147°	Tue 20220906t123536	562	299.120°	Earth	Mars							
Fri 20210305t193620	27	12.899°	Wed 20210721t120103	161	74.870°	Mon 20211206t042546	295	137.687°	Fri 20220422t205028	429	213.776°	Wed 20220907t131511	563	299.736°	00:00:00.000	00:00:00							
Sat 20210306t201555	28	13.392°	Thu 20210722t124038	162	75.319°	Tue 20211207t050521	296	138.193°	Sat 20220423t213004	430	214.406°	Thu 20220908t135447	564	300.350°									