

Mars Year 37

		Leap		MY 37 Sol 001	2022 12 25 Sun		0037		
Year	Month	Add 52960 for MSD		MSD 52961	00:00:00.000 AMT		11:11:26.711 UT	MNYD	
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Month
0036	24	019 659	020 660	021 661	022 662	023 663	024 664	025 665	24
		026 666	027 667	028 MNYE 668 NLD	001 /E 001	002 002	003 003	004 004	
		005 005	006 006	007 ENYD 2023	008 008	009 009	010 010	011 011	
0037	01	012 012	013 013	014 014	015 015	016 016	017 017	018 018	01
		019 019	020 020	021 021	022 022	023 023	024 024	025 025	
		026 026	027 027	028 028	029 029	001 030	002 031	003 032	
Leap	02	004 033	005 034	006 035	007 036	008 037	009 038	010 039	02
		011 040	012 041	013 042	014 043	015 044	016 045	017 046	
		018 047	019 048	020 049	021 050	022 051	023 052	024 053	
	03	025 054	026 055	027 056	028 057	029 058	030 059	031 060	03
		032 061	001 062	002 063	003 064	004 065	005 066	006 067	
		007 068	008 069	009 070	010 071	011 072	012 073	013 074	
	04	014 075	015 076	016 077	017 078	018 079	019 080	020 081	04
		021 082	022 083	023 084	024 085	025 086	026 087	027 088	
		028 089	029 090	030 091	031 092	032 093	001 094	002 095	
	05	003 103	004 104	005 105	006 106	007 107	008 108	009 109	05
		010 110	011 111	012 112	013 113	014 114	015 115	016 116	
		017 117	018 118	019 119	020 120	021 121	022 122	023 123	
	06	024 124	025 125	026 126	027 127	028 128	029 129	030 130	06
		031 131	032 132	033 133	001 134	002 135	003 136	004 137	
		012 138	013 139	014 140	015 141	016 142	017 143	018 144	
	07	019 145	020 146	021 147	022 148	023 149	024 150	025 151	07
		026 A 152	027 153	028 154	029 155	030 156	031 157	032 158	
		033 159	034 160	001 161	002 162	003 163	004 164	005 165	
	08	006 166	007 167	008 168	009 169	010 170	011 171	012 172	08
		013 173	014 174	015 175	016 176	017 177	018 178	019 179	
		020 180	021 181	022 182	023 183	024 184	025 185	026 186	
	09	027 187	028 188	029 189	030 190	031 191	032 192	033 193	09
		001 194	002 NS 195	003 196	004 197	005 198	006 199	007 200	
		008 201	009 202	010 203	011 204	012 205	013 206	014 207	
	10	015 208	016 209	017 210	018 211	019 212	020 213	021 214	10
		022 215	023 216	024 217	025 218	026 219	027 220	028 221	
		029 222	030 223	031 224	032 225	033 226	001 227	002 228	
	11	003 229	004 230	005 231	006 232	007 233	008 234	009 235	11
		010 236	011 237	012 238	013 239	014 240	015 241	016 242	
		017 243	018 244	019 245	020 246	021 247	022 248	023 249	
	12	024 250	025 251	026 252	027 253	028 254	029 255	030 256	12
		031 257	001 258	002 259	003 260	004 261	005 262	006 263	
		007 264	008 265	009 266	010 267	011 268	012 269	013 270	
	01	014 271	015 272	016 273	017 274	018 275	019 276	020 277	01
		021 278	022 279	023 280	024 281	025 282	026 283	027 284	
		028 285	029 286	030 287	031 288	001 289	002 290	003 291	
	02	034 341	035 342	036 343	037 344	038 345	039 346	040 347	02
		003 348	004 349	005 350	006 351	007 352	008 353	009 354	
		010 355	011 356	012 357	013 358	014 359	015 360	016 361	
	03	017 ENYD 362 2024	018 363	019 364	020 365	021 366	022 367	023 368	03

Dust Storm Season: Sols 372-669

Leap

MSD 53630

MY 38 Sol 001

00:00:00.000 AMT

2024 11 11 Mon

20:35:27.830 UT

0038

MNYD

Year

Month

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
0037	12 024 369	025 370	026 371	001 372	002 \E 373	003 374	004 375	13
	13 005 376	006 377	007 378	008 379	009 380	010 381	011 382	
	012 383	013 384	014 385	015 386	016 387	017 388	018 389	
	019 390	020 391	021 392	022 393	023 394	024 395	025 396	14
	026 397	001 398	002 399	003 400	004 401	005 402	006 403	
	14 007 404	008 405	009 406	010 407	011 408	012 409	013 410	
	014 411	015 412	016 413	017 414	018 415	019 416	020 417	15
	021 418	022 419	023 420	024 421	001 422	002 423	003 424	
	15 004 425	005 426	006 427	007 428	008 429	009 430	010 431	
	011 432	012 433	013 434	014 435	015 436	016 437	017 438	16
	018 439	019 440	020 441	021 442	022 443	023 444	024 445	
	16 001 446	002 447	003 448	004 449	005 450	006 451	007 452	
	008 453	009 454	010 455	011 456	012 457	013 458	014 459	17
	015 460	016 461	017 462	018 463	019 464	020 465	021 466	
	022 467	023 468	001 469	002 470	003 471	004 472	005 473	
	17 006 474	007 475	008 476	009 477	010 478	011 479	012 480	18
	013 481	014 482	015 483	016 484	017 485	018 486	019 P 487	
	020 488	021 489	022 490	023 491	001 492	002 493	003 494	
	18 004 495	005 496	006 497	007 498	008 499	009 500	010 501	19
	011 502	012 503	013 504	014 505	015 506	016 507	017 508	
	018 509	019 510	020 511	021 512	022 513	023 514	001 515	
	19 002 SS 516	003 517	004 518	005 519	006 520	007 521	008 522	20
	009 523	010 524	011 525	012 526	013 527	014 528	015 529	
	016 530	017 531	018 532	019 533	020 534	021 535	022 536	
	20 006 544	007 545	008 546	009 547	010 548	011 549	012 550	21
	013 551	014 552	015 553	016 554	017 555	018 556	019 557	
	020 558	021 559	022 560	023 561	024 562	001 563	002 564	
	21 003 565	004 566	005 567	006 568	007 569	008 570	009 571	22
	010 572	011 573	012 574	013 575	014 576	015 577	016 578	
	017 579	018 580	019 581	020 582	021 583	022 584	023 585	
	22 024 586	001 587	002 588	003 589	004 590	005 591	006 592	23
	007 593	008 594	009 595	010 596	011 597	012 598	013 599	
	014 600	015 601	016 602	017 603	018 604	019 605	020 606	
	23 021 607	022 608	023 609	024 610	025 611	026 612	001 613	24
	002 614	003 615	004 616	005 617	006 618	007 619	008 620	
	009 621	010 622	011 623	012 624	013 625	014 626	015 627	
	24 016 628	017 629	018 630	019 631	020 632	021 633	022 634	25
	023 635	024 636	025 637	026 638	027 639	028 640	001 641	
	002 642	003 643	004 644	005 645	006 646	007 647	008 648	
	009 649	010 650	011 651	012 652	013 653	014 654	015 655	26
	016 656	017 657	018 658	019 659	020 660	021 661	022 662	
	023 663	024 664	025 665	026 666	027 667	028 668	029 MNYE 669 LD	
0038	01 001 /E 001	002 002	003 003	004 004	005 005	006 006	007 007	01

Mars

Earth to Mars

01:00:00.000 E Hr

00:58:23.679 M Hr

24:00:00.000 E Hr

23:21:28.306 M Hr

Mars to Earth

01:00:00.000 M Hr

01:01:38.969 E Hr

24:00:00.000 M Hr

24:39:35.245 E Hr

2023 01 01 Sun

00:00:00.000 UT

Earth New Year 2023

MSD 52967.35890

08:36:49.338 AMT

MY 37 Sol 007

Ls = 2.769

ENYD 2023

2024 01 01 Mon

00:00:00.000 UT

Earth New Year 2024

MSD 53322.59307

14:14:01.451 AMT

MY 37 Sol 362

Ls = 173.571

ENYD 2024

Earth Date & Time

yyyy mm dd ddd

hh:mm:ss.000 UT

Event

on Mars

Mars Sol Date

Airy Mean Time

Mars Year, Sol

Orbital/Longitude

Calendar Code

Mars Opposition to Earth

2025 01 16 Thu

01:54:33.000 UT

Earth Inferior

Conjunction

MSD 53693.47657

11:26:15.586 AMT

MY 38 Sol 064

Ls = 30.846

E-Ma in 0038

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Earth Date/Time UT	Sol	Ls	Earth Date/Time UT	Sol	Ls	Earth Date/Time UT	Sol	Ls	Earth Date/Time UT	Sol	Ls	Earth Date/Time UT	Sol	Ls	Earth	Mars
Sun 20221225t111129	1	359.516°	Fri 20230512t033612	135	62.934°	Tue 20230926t200055	269	124.498°	Sun 20240211t122537	403	197.318°	Fri 20240628t045020	537	283.101°	00:00:00.000	00:00:00
Sun 20221226t15104	2	0.030°	Sat 20230513t041547	136	63.384°	Wed 20230927t204030	270	124.984°	Sat 20240212t130513	404	197.926°	Sat 20240629t052955	538	283.736°	01:01:38.969	01:00:00
Tue 20221227t123039	3	0.542°	Sun 20230514t045522	137	63.833°	Thu 20230928t212005	271	125.472°	Tue 20240213t134448	405	198.534°	Sun 20240630t060931	539	284.370°	02:03:17.937	02:00:00
Wed 20221228t131015	4	1.054°	Mon 20230515t053457	138	64.282°	Fri 20230929t215940	272	125.960°	Wed 20240214t142423	406	199.144°	Mon 20240701t064906	540	285.004°	03:04:56.906	03:00:00
Thu 20221229t134950	5	1.565°	Tue 20230516t061433	139	64.731°	Sat 20230930t223916	273	126.449°	Thu 20240215t150358	407	199.755°	Tue 20240702t072841	541	285.637°	04:06:35.874	04:00:00
Fri 20221230t142925	6	2.075°	Wed 20230517t065408	140	65.180°	Sun 20231001t231851	274	126.938°	Fri 20240216t154334	408	200.366°	Wed 20240703t080816	542	286.270°	05:08:14.843	05:00:00
Sat 20221231t150900	7	2.585°	Thu 20230518t073343	141	65.629°	Mon 20231002t235826	275	127.428°	Sat 20240217t162309	409	200.978°	Thu 20240704t084752	543	286.901°	06:09:53.811	06:00:00
Sun 20230101t154836	8	3.093°	Fri 20230519t081318	142	66.078°	Wed 20231003t003801	276	127.919°	Sun 20240218t170244	410	201.592°	Fri 20240705t092727	544	287.532°	07:11:32.780	07:00:00
Mon 20230102t162811	9	3.601°	Sat 20230520t085254	143	66.527°	Thu 20231005t011737	277	128.411°	Mon 20240219t174219	411	202.206°	Sat 20240706t100702	545	288.163°	08:13:11.748	08:00:00
Tue 20230103t170746	10	4.108°	Sun 20230521t093229	144	66.975°	Fri 20231006t015712	278	128.903°	Tue 20240220t182155	412	202.821°	Mon 20240707t104637	546	288.792°	09:14:50.717	09:00:00
Wed 20230104t174721	11	4.614°	Mon 20230522t101204	145	67.424°	Sat 20231007t023647	279	129.396°	Wed 20240221t190130	413	203.437°	Mon 20240708t112613	547	289.421°	10:16:29.685	10:00:00
Thu 20230105t182657	12	5.119°	Tue 20230523t105139	146	67.873°	Sun 20231008t031622	280	129.889°	Tue 20240222t194105	414	204.053°	Tue 20240709t120548	548	290.049°	11:18:08.654	11:00:00
Fri 20230106t190632	13	5.624°	Wed 20230524t113115	147	68.321°	Mon 20231009t035558	281	130.384°	Fri 20240223t202040	415	204.671°	Wed 20240710t124523	549	290.677°	12:19:47.623	12:00:00
Sat 20230107t194607	14	6.127°	Thu 20230525t121050	148	68.770°	Tue 20231010t043533	282	130.879°	Sat 20240224t210016	416	205.290°	Thu 20240711t132458	550	291.303°	13:21:26.591	13:00:00
Sun 20230108t202542	15	6.630°	Fri 20230526t125025	149	69.218°	Wed 20231011t051508	283	131.375°	Sun 20240225t213951	417	205.909°	Fri 20240712t140434	551	291.929°	14:23:05.560	14:00:00
Mon 20230109t210518	16	7.133°	Sat 20230527t133000	150	69.667°	Thu 20231012t055443	284	131.871°	Mon 20240226t221926	418	206.529°	Sat 20240713t144409	552	292.554°	15:24:44.528	15:00:00
Tue 20230110t214453	17	7.634°	Sun 20230528t140936	151	70.115°	Fri 20231013t063419	285	132.368°	Tue 20240227t225901	419	207.150°	Sun 20240714t152344	553	293.179°	16:26:23.497	16:00:00
Wed 20230111t222428	18	8.135°	Mon 20230529t144911	152	70.564°	Sat 20231014t071354	286	132.866°	Wed 20240228t233837	420	207.772°	Mon 20240715t160319	554	293.802°	17:28:02.465	17:00:00
Thu 20230112t230403	19	8.635°	Tue 20230530t152846	153	71.012°	Sun 20231015t075329	287	133.365°	Fri 20240301t001812	421	208.394°	Tue 20240716t164255	555	294.425°	18:29:41.434	18:00:00
Fri 20230113t234339	20	9.134°	Wed 20230531t160821	154	71.461°	Mon 20231016t083304	288	133.865°	Sat 20240302t005747	422	209.018°	Wed 20240717t172230	556	295.047°	19:31:20.402	19:00:00
Sun 20230115t2002314	21	9.632°	Thu 20230601t164757	155	71.909°	Tue 20231017t091239	289	134.365°	Tue 20240303t013722	423	209.642°	Thu 20240718t180205	557	295.668°	20:32:59.371	20:00:00
Mon 20230116t010249	22	10.130°	Fri 20230602t172732	156	72.358°	Wed 20231018t095215	290	134.866°	Mon 20240304t021658	424	210.267°	Fri 20240719t184140	558	296.288°	21:34:38.339	21:00:00
Tue 20230117t014224	23	10.627°	Sat 20230603t180707	157	72.806°	Thu 20231019t103150	291	135.368°	Tue 20240305t025633	425	210.892°	Sat 20240720t192116	559	296.907°	22:36:17.308	22:00:00
Wed 20230118t022200	24	11.123°	Sun 20230604t184642	158	73.255°	Fri 20231020t111125	292	135.870°	Wed 20240306t033608	426	211.519°	Sun 20240721t200051	560	297.526°	23:37:56.276	23:00:00
Thu 20230119t030135	25	11.618°	Mon 20230605t192618	159	73.703°	Sat 20231021t115100	293	136.374°	Mon 20240722t204026	561	298.144°	Mon 20240722t204026	561	298.144°	24:39:35.245	24:00:00
Fri 20230120t034410	26	12.113°	Tue 20230606t200553	160	74.152°	Sun 20231022t123036	294	136.878°	Fri 20240308t045519	428	212.774°	Tue 20240723t212001	562	298.760°	Earth	Mars
Sat 20230121t042045	27	12.607°	Wed 20230607t204528	161	74.600°	Mon 20231023t131011	295	137.383°	Sat 20240309t053454	429	213.403°	Wed 20240724t215937	563	299.376°	00:00:00.000	00:00:00
Sun 20230121t050021	28	13.100°	Thu 20230608t212503	162	75.049°	Tue 20231024t134946	296	137.888°	Sun 20240310t061429	430	214.033°	Thu 20240725t223912	564	299.992°	00:10:16.495	00:10:00
Mon 20230123t053956	29	13.593°	Fri 20230609t220439	163	75.498°	Wed 20231025t142921	297	138.395°	Mon 20240311t065404	431	214.663°	Fri 20240726t231847	565	300.606°	00:20:32.990	00:20:00
Tue 20230124t061931	30	14.085°	Sat 20230610t224414	164	75.946°	Thu 20231026t150857	298	138.902°	Tue 20240312t073340	432	215.294°	Sat 20240727t235822	566	301.219°	00:30:49.484	00:30:00
Wed 20230125t065906	31	14.576°	Sun 20230611t232349	165	76.395°	Fri 20231027t154832	299	139.410°	Wed 20240313t081315	433	215.925°	Mon 20240729t003758	567	301.832°	00:41:05.979	00:40:00
Thu 20230126t073842	32	15.066°	Tue 20230613t000324	166	76.844°	Sat 20231028t162807	300	139.919°	Thu 20240314t085250	434	216.558°	Tue 20240730t011733	568	302.443°	00:51:22.474	00:50:00
Fri 20230127t081817	33	15.556°	Wed 20230614t004300	167	77.293°	Sun 20231029t170742	301	140.429°	Fri 20240315t093225	435	217.191°	Wed 20240731t015708	569	303.054°	01:01:38.969	01:00:00
Sat 20230128t085752	34	16.045°	Thu 20230615t012235	168	77.742°	Mon 20231030t174718	302	140.940°	Sat 20240316t101200	436	217.825°	Thu 20240801t023643	570	303.664°	Earth	Mars
Sun 20230129t093727	35	16.534°	Fri 20230616t020210	169	78.191°	Tue 20231031t182653	303	141.451°	Sun 20240317t105136	437	218.459°	Fri 20240802t031619	571	304.273°	00:00:00.000	00:00:00
Mon 20230130t101702	36	17.021°	Sat 20230617t024145	170	78.640°	Wed 20231101t190628	304	141.963°	Mon 20240318t113111	438	219.094°	Sat 20240803t035554	572	304.881°	00:01:01.649	00:01:00
Tue 20230131t105638	37	17.508°	Sun 20230618t032121	171	79.090°	Thu 20231102t194603	305	142.476°	Tue 20240319t121046	439	219.730°	Sun 20240804t043529	573	305.488°	00:02:03.299	00:02:00
Wed 20230201t113613	38	17.995°	Mon 20230619t040056	172	79.539°	Fri 20231103t202539	306	142.990°	Wed 20240320t125021	440	220.366°	Mon 20240805t051504	574	306.094°	00:03:04.948	00:03:00
Thu 20230202t121548	39	18.481°	Tue 20230620t044031	173	79.988°	Sat 20231104t210514	307	143.505°	Thu 20240321t132957	441	221.003°	Tue 20240806t055440	575	306.699°	00:04:06.598	00:04:00
Fri 20230203t125523	40	18.966°	Wed 20230621t052006	174	80.438°	Sun 20231105t214449	308	144.021°	Fri 20240322t140932	442	221.641°	Wed 20240807t063415	576	307.303°	00:05:08.247	00:05:00
Sat 20230204t133459	41	19.450°	Thu 20230622t055942	175	80.888°	Mon 20231106t222424	309	144.537°	Sat 20240323t144907	443	222.279°	Thu 20240808t071350	577	307.907°	00:06:09.897	00:06:00
Sun 20230205t141434	42	19.934°	Fri 20230623t063917	176	81.338°	Tue 20231107t230400	310	145.054°	Sun 20240324t152842	444	222.917°	Fri 20240809t075325	578	308.509°	00:07:11.546	00:07:00
Mon 20230206t145409	43	20.417°	Sat 20230624t071852	177	81.788°	Wed 20231108t234335	311	145.572°	Mon 20240325t160818	445	223.557°	Sat 20240810t083301	579	309.110°	00:08:13.196	00:08:00
Tue 20230207t153344	44	20.900°	Sun 20230625t075827	178	82.238°	Fri 20231109t002031	312	146.092°	Tue 20240326t164753	446	224.197°	Sun 20240811t091236	580	309.711°	00:09:19.845	00:09:00
Wed 20230208t161320	45	21.382°	Mon 20230626t083803	179	82.688°	Sat 20231111t010245	313	146.611°	Wed 20240327t172728	447	224.837°	Mon 20240812t095211	581	310.310°	00:10:16.495	00:10:00
Thu 20230209t165255	46	21.863°	Tue 20230627t091738	180	83.138°	Sun 20231112t014221	314	147.132°	Thu 20240328t180703	448	225.478°	Tue 20240813t103146	582	310.909°	Earth	Mars
Fri 20230210t173230	47	22.344°	Wed 20230628t095713	181	83.589°	Mon 20231113t022156	315	147.654°	Fri 20240329t184639	449	226.120°	Wed 20240814t111122	583	311.507°	00:00:00.000	00:00:00
Sat 20230211t181205	48	22.824°	Thu 20230629t103648	182	84.040°	Tue 20231114t030131	316	148.176°	Sat 20240330t192614	450	226.762°	Thu 20240815t115057	584	312.103°	00:00:10.275	00:00:10
Sun 20230212t185141	49	23.304°	Fri 20230630t111624	183	84.491°	Wed 20231115t034106	317	148.700°	Sun 20240331t200549	451	227.405°	Fri 20240816t123032	585	312.699°	00:00:20.550	00:00:20
Mon 20230213t193116	50	23.783°	Sat 20230701t115559	184	84.942°	Thu 20231116t042042	318	149.224°	Mon 20240401t204524	452	228.048°	Sat 20				