

**MOON**  
**Nirayana longitude, 2019**

	<b>DATE</b>		<b>Degree</b>	<b>Minute</b>	<b>Second</b>
27	DEC	2018	129	36	01.5333
28	DEC	2018	143	55	59.6916
29	DEC	2018	157	57	58.4984
30	DEC	2018	171	41	16.8035
31	DEC	2018	185	06	23.4618
1	JAN	2019	198	14	29.5610
2	JAN	2019	211	07	05.5129
3	JAN	2019	223	45	45.8084
4	JAN	2019	236	12	01.6362
5	JAN	2019	248	27	20.3743
6	JAN	2019	260	33	09.9595
7	JAN	2019	272	31	06.2542
8	JAN	2019	284	23	01.0730
9	JAN	2019	296	11	09.6065
10	JAN	2019	307	58	15.7913
11	JAN	2019	319	47	34.8489
12	JAN	2019	331	42	52.4914
13	JAN	2019	343	48	19.8232
14	JAN	2019	356	08	23.4096
15	JAN	2019	8	47	28.5438
16	JAN	2019	21	49	35.3029
17	JAN	2019	35	17	46.2904
18	JAN	2019	49	13	28.1988
19	JAN	2019	63	35	53.2658
20	JAN	2019	78	21	31.3746
21	JAN	2019	93	24	06.6898
22	JAN	2019	108	35	09.7185
23	JAN	2019	123	45	04.0162
24	JAN	2019	138	44	32.4644
25	JAN	2019	153	25	57.3320
26	JAN	2019	167	44	11.7505
27	JAN	2019	181	36	53.0449
28	JAN	2019	195	04	04.1256
29	JAN	2019	208	07	36.6667
30	JAN	2019	220	50	30.0427
31	JAN	2019	233	16	15.4034
1	FEB	2019	245	28	28.5839
2	FEB	2019	257	30	32.7091
3	FEB	2019	269	25	29.1896
4	FEB	2019	281	15	55.7540
5	FEB	2019	293	04	09.6067
6	FEB	2019	304	52	14.4710
7	FEB	2019	316	42	09.8670
8	FEB	2019	328	36	00.9756

9	FEB	2019	340	36	07.6983
10	FEB	2019	352	45	11.1259
11	FEB	2019	5	06	15.5573
12	FEB	2019	17	42	44.9489
13	FEB	2019	30	38	11.5665
14	FEB	2019	43	55	55.5619
15	FEB	2019	57	38	34.1165
16	FEB	2019	71	47	21.2691
17	FEB	2019	86	21	23.3314
18	FEB	2019	101	17	01.2971
19	FEB	2019	116	27	37.2115
20	FEB	2019	131	44	01.2772
21	FEB	2019	146	55	44.8790
22	FEB	2019	161	52	43.0323
23	FEB	2019	176	26	52.8683
24	FEB	2019	190	33	15.7200
25	FEB	2019	204	10	10.1169
26	FEB	2019	217	18	44.5276
27	FEB	2019	230	02	09.7230
28	FEB	2019	242	24	48.7986
1	MAR	2019	254	31	34.8588
2	MAR	2019	266	27	19.8822
3	MAR	2019	278	16	33.8946
4	MAR	2019	290	03	12.4717
5	MAR	2019	301	50	30.8433
6	MAR	2019	313	41	03.5896
7	MAR	2019	325	36	48.9721
8	MAR	2019	337	39	17.6943
9	MAR	2019	349	49	45.0412
10	MAR	2019	2	09	24.4082
11	MAR	2019	14	39	40.3017
12	MAR	2019	27	22	17.7932
13	MAR	2019	40	19	25.2923
14	MAR	2019	53	33	28.1517
15	MAR	2019	67	06	50.7815
16	MAR	2019	81	01	26.2572
17	MAR	2019	95	17	54.9091
18	MAR	2019	109	54	58.1417
19	MAR	2019	124	48	40.4242
20	MAR	2019	139	52	18.5184
21	MAR	2019	154	56	54.5326
22	MAR	2019	169	52	34.5796
23	MAR	2019	184	30	11.7335
24	MAR	2019	198	42	57.5001
25	MAR	2019	212	27	12.2289
26	MAR	2019	225	42	27.4760
27	MAR	2019	238	30	53.1838

28	MAR	2019	250	56	29.8416
29	MAR	2019	263	04	21.1366
30	MAR	2019	274	59	55.2109
31	MAR	2019	286	48	35.5228
1	APR	2019	298	35	20.2051
2	APR	2019	310	24	27.5045
3	APR	2019	322	19	26.3008
4	APR	2019	334	22	50.9837
5	APR	2019	346	36	21.8347
6	APR	2019	359	00	51.1272
7	APR	2019	11	36	35.6983
8	APR	2019	24	23	34.2747
9	APR	2019	37	21	46.3463
10	APR	2019	50	31	28.2218
11	APR	2019	63	53	21.2044
12	APR	2019	77	28	28.2325
13	APR	2019	91	17	56.7128
14	APR	2019	105	22	28.6607
15	APR	2019	119	41	41.9371
16	APR	2019	134	13	32.1326
17	APR	2019	148	53	48.5745
18	APR	2019	163	36	19.0759
19	APR	2019	178	13	31.4762
20	APR	2019	192	37	44.5787
21	APR	2019	206	42	26.8788
22	APR	2019	220	23	17.1869
23	APR	2019	233	38	31.4824
24	APR	2019	246	28	56.4040
25	APR	2019	258	57	21.0227
26	APR	2019	271	08	00.1945
27	APR	2019	283	05	59.2201
28	APR	2019	294	56	44.0344
29	APR	2019	306	45	37.1725
30	APR	2019	318	37	38.5122
1	MAY	2019	330	37	09.0052
2	MAY	2019	342	47	36.8931
3	MAY	2019	355	11	27.2762
4	MAY	2019	7	49	56.4725
5	MAY	2019	20	43	14.1106
6	MAY	2019	33	50	34.1337
7	MAY	2019	47	10	33.9830
8	MAY	2019	60	41	37.9812
9	MAY	2019	74	22	18.8448
10	MAY	2019	88	11	30.7887
11	MAY	2019	102	08	29.7515
12	MAY	2019	116	12	40.2247
13	MAY	2019	130	23	11.9652

14	MAY	2019	144	38	33.3433
15	MAY	2019	158	56	10.8581
16	MAY	2019	173	12	23.4479
17	MAY	2019	187	22	37.4943
18	MAY	2019	201	22	00.9526
19	MAY	2019	215	06	07.7093
20	MAY	2019	228	31	39.1520
21	MAY	2019	241	36	52.1400
22	MAY	2019	254	21	48.5894
23	MAY	2019	266	48	09.0106
24	MAY	2019	278	58	55.8058
25	MAY	2019	290	58	12.1860
26	MAY	2019	302	50	40.8931
27	MAY	2019	314	41	24.5220
28	MAY	2019	326	35	27.3068
29	MAY	2019	338	37	37.6051
30	MAY	2019	350	52	10.4193
31	MAY	2019	3	22	29.3829
1	JUN	2019	16	10	50.0327
2	JUN	2019	29	18	06.9803
3	JUN	2019	42	43	48.7668
4	JUN	2019	56	26	03.7164
5	JUN	2019	70	21	57.6599
6	JUN	2019	84	28	00.1477
7	JUN	2019	98	40	32.8302
8	JUN	2019	112	56	12.4203
9	JUN	2019	127	12	03.1327
10	JUN	2019	141	25	37.6322
11	JUN	2019	155	34	49.4199
12	JUN	2019	169	37	41.8374
13	JUN	2019	183	32	19.3111
14	JUN	2019	197	16	44.6201
15	JUN	2019	210	49	03.5710
16	JUN	2019	224	07	35.7661
17	JUN	2019	237	11	08.4031
18	JUN	2019	249	59	09.2719
19	JUN	2019	262	31	56.1326
20	JUN	2019	274	50	41.1560
21	JUN	2019	286	57	30.2863
22	JUN	2019	298	55	18.6129
23	JUN	2019	310	47	42.9812
24	JUN	2019	322	38	52.7495
25	JUN	2019	334	33	18.7898
26	JUN	2019	346	35	41.0872
27	JUN	2019	358	50	33.2701
28	JUN	2019	11	22	04.4075
29	JUN	2019	24	13	37.2624

30	JUN	2019	37	27	24.4027
1	JUL	2019	51	04	05.3067
2	JUL	2019	65	02	29.5752
3	JUL	2019	79	19	32.7200
4	JUL	2019	93	50	29.2518
5	JUL	2019	108	29	24.0720
6	JUL	2019	123	09	56.4505
7	JUL	2019	137	46	06.7266
8	JUL	2019	152	12	54.5491
9	JUL	2019	166	26	40.6811
10	JUL	2019	180	25	11.0824
11	JUL	2019	194	07	26.4941
12	JUL	2019	207	33	24.2954
13	JUL	2019	220	43	39.1178
14	JUL	2019	233	39	06.5569
15	JUL	2019	246	20	52.6460
16	JUL	2019	258	50	09.1677
17	JUL	2019	271	08	14.2737
18	JUL	2019	283	16	36.4814
19	JUL	2019	295	17	00.5005
20	JUL	2019	307	11	33.1056
21	JUL	2019	319	02	47.8777
22	JUL	2019	330	53	47.7067
23	JUL	2019	342	48	04.5817
24	JUL	2019	354	49	36.0161
25	JUL	2019	7	02	37.1709
26	JUL	2019	19	31	28.2037
27	JUL	2019	32	20	15.3073
28	JUL	2019	45	32	24.8231
29	JUL	2019	59	10	10.5115
30	JUL	2019	73	13	57.5690
31	JUL	2019	87	41	50.2095
1	AUG	2019	102	29	15.0455
2	AUG	2019	117	29	12.5035
3	AUG	2019	132	33	03.5151
4	AUG	2019	147	31	44.8703
5	AUG	2019	162	17	12.3127
6	AUG	2019	176	43	25.6253
7	AUG	2019	190	46	58.7453
8	AUG	2019	204	26	53.7951
9	AUG	2019	217	44	10.5734
10	AUG	2019	230	41	06.5015
11	AUG	2019	243	20	38.6490
12	AUG	2019	255	45	54.0901
13	AUG	2019	267	59	50.3004
14	AUG	2019	280	05	05.1984
15	AUG	2019	292	03	55.0262

16	AUG	2019	303	58	18.4354
17	AUG	2019	315	50	04.7564
18	AUG	2019	327	41	04.5783
19	AUG	2019	339	33	20.6220
20	AUG	2019	351	29	17.4772
21	AUG	2019	3	31	47.8241
22	AUG	2019	15	44	14.6908
23	AUG	2019	28	10	27.6750
24	AUG	2019	40	54	31.6594
25	AUG	2019	54	00	26.4221
26	AUG	2019	67	31	35.1052
27	AUG	2019	81	30	01.5490
28	AUG	2019	95	55	40.6781
29	AUG	2019	110	45	32.7815
30	AUG	2019	125	53	21.4528
31	AUG	2019	141	09	55.8726
1	SEP	2019	156	24	26.2087
2	SEP	2019	171	26	15.4744
3	SEP	2019	186	06	48.9892
4	SEP	2019	200	20	43.5794
5	SEP	2019	214	06	01.2904
6	SEP	2019	227	23	38.7698
7	SEP	2019	240	16	34.9116
8	SEP	2019	252	48	57.1113
9	SEP	2019	265	05	16.9022
10	SEP	2019	277	09	58.4140
11	SEP	2019	289	06	58.5941
12	SEP	2019	300	59	37.0273
13	SEP	2019	312	50	33.7377
14	SEP	2019	324	41	53.2247
15	SEP	2019	336	35	13.7013
16	SEP	2019	348	32	00.1248
17	SEP	2019	0	33	38.8711
18	SEP	2019	12	41	52.1965
19	SEP	2019	24	58	49.7353
20	SEP	2019	37	27	14.6095
21	SEP	2019	50	10	21.9110
22	SEP	2019	63	11	47.1964
23	SEP	2019	76	35	02.8580
24	SEP	2019	90	23	00.4944
25	SEP	2019	104	37	00.7856
26	SEP	2019	119	15	57.5653
27	SEP	2019	134	15	32.7306
28	SEP	2019	149	28	06.1498
29	SEP	2019	164	43	21.2316
30	SEP	2019	179	50	05.4174
1	OCT	2019	194	38	14.1059

2	OCT	2019	209	00	32.1884
3	OCT	2019	222	53	20.4617
4	OCT	2019	236	16	25.8191
5	OCT	2019	249	12	15.4478
6	OCT	2019	261	44	59.6600
7	OCT	2019	273	59	40.1915
8	OCT	2019	286	01	30.0514
9	OCT	2019	297	55	25.7178
10	OCT	2019	309	45	49.1139
11	OCT	2019	321	36	17.4096
12	OCT	2019	333	29	39.1999
13	OCT	2019	345	27	56.4512
14	OCT	2019	357	32	32.3194
15	OCT	2019	9	44	23.5934
16	OCT	2019	22	04	17.1187
17	OCT	2019	34	33	06.7553
18	OCT	2019	47	12	08.0275
19	OCT	2019	60	03	06.5443
20	OCT	2019	73	08	17.2257
21	OCT	2019	86	30	11.3989
22	OCT	2019	100	11	10.8124
23	OCT	2019	114	12	48.3637
24	OCT	2019	128	35	00.6902
25	OCT	2019	143	15	22.9118
26	OCT	2019	158	08	43.5045
27	OCT	2019	173	07	17.7813
28	OCT	2019	188	01	48.5679
29	OCT	2019	202	43	00.5965
30	OCT	2019	217	03	17.0293
31	OCT	2019	230	57	45.4541
1	NOV	2019	244	24	38.1245
2	NOV	2019	257	24	53.3753
3	NOV	2019	270	01	35.2483
4	NOV	2019	282	19	08.5999
5	NOV	2019	294	22	39.1179
6	NOV	2019	306	17	21.8981
7	NOV	2019	318	08	18.2963
8	NOV	2019	329	59	59.0232
9	NOV	2019	341	56	12.2579
10	NOV	2019	353	59	56.1106
11	NOV	2019	6	13	15.5746
12	NOV	2019	18	37	25.1480
13	NOV	2019	31	12	57.2396
14	NOV	2019	43	59	55.8097
15	NOV	2019	56	58	12.8503
16	NOV	2019	70	07	44.2268
17	NOV	2019	83	28	40.0747

18	NOV	2019	97	01	26.5512
19	NOV	2019	110	46	36.1142
20	NOV	2019	124	44	27.1045
21	NOV	2019	138	54	35.3988
22	NOV	2019	153	15	25.1359
23	NOV	2019	167	43	47.8488
24	NOV	2019	182	15	00.6285
25	NOV	2019	196	43	09.4404
26	NOV	2019	211	01	55.4277
27	NOV	2019	225	05	31.9198
28	NOV	2019	238	49	35.3005
29	NOV	2019	252	11	36.7991
30	NOV	2019	265	11	10.6072
1	DEC	2019	277	49	42.8587
2	DEC	2019	290	10	09.3328
3	DEC	2019	302	16	29.3699
4	DEC	2019	314	13	21.0523
5	DEC	2019	326	05	39.5052
6	DEC	2019	337	58	18.3089
7	DEC	2019	349	55	53.6060
8	DEC	2019	2	02	29.4999
9	DEC	2019	14	21	25.1137
10	DEC	2019	26	55	03.6995
11	DEC	2019	39	44	45.1087
12	DEC	2019	52	50	43.8457
13	DEC	2019	66	12	13.7653
14	DEC	2019	79	47	39.4902
15	DEC	2019	93	34	52.6677
16	DEC	2019	107	31	29.4106
17	DEC	2019	121	35	04.6135
18	DEC	2019	135	43	20.2204
19	DEC	2019	149	54	06.1865
20	DEC	2019	164	05	15.3106
21	DEC	2019	178	14	35.5092
22	DEC	2019	192	19	43.4001
23	DEC	2019	206	18	03.0889
24	DEC	2019	220	06	52.0978
25	DEC	2019	233	43	34.0683
26	DEC	2019	247	05	55.7113
27	DEC	2019	260	12	23.9297
28	DEC	2019	273	02	19.7665
29	DEC	2019	285	36	06.3458
30	DEC	2019	297	55	10.5135
31	DEC	2019	310	01	58.8171