

**NEPTUNE**  
**Nirayana Longitude, 2019**

	<b>Date</b>		<b>Degree</b>	<b>Minute</b>	<b>Second</b>
27	DEC	2018	319	52	01.0999
28	DEC	2018	319	53	06.4154
29	DEC	2018	319	54	13.6028
30	DEC	2018	319	55	22.6275
31	DEC	2018	319	56	33.4947
1	JAN	2019	319	57	46.1751
2	JAN	2019	319	59	00.6523
3	JAN	2019	320	00	16.9265
4	JAN	2019	320	01	34.9609
5	JAN	2019	320	02	54.7469
6	JAN	2019	320	04	16.2515
7	JAN	2019	320	05	39.4741
8	JAN	2019	320	07	04.3661
9	JAN	2019	320	08	30.9272
10	JAN	2019	320	09	59.1354
11	JAN	2019	320	11	28.9506
12	JAN	2019	320	13	00.3651
13	JAN	2019	320	14	33.3440
14	JAN	2019	320	16	07.8615
15	JAN	2019	320	17	43.8953
16	JAN	2019	320	19	21.4213
17	JAN	2019	320	21	00.4129
18	JAN	2019	320	22	40.8339
19	JAN	2019	320	24	22.6838
20	JAN	2019	320	26	05.9091
21	JAN	2019	320	27	50.5116
22	JAN	2019	320	29	36.4408
23	JAN	2019	320	31	23.6870
24	JAN	2019	320	33	12.2342
25	JAN	2019	320	35	02.0510
26	JAN	2019	320	36	53.1076
27	JAN	2019	320	38	45.3779
28	JAN	2019	320	40	38.8572
29	JAN	2019	320	42	33.5042
30	JAN	2019	320	44	29.2851
31	JAN	2019	320	46	26.1962
1	FEB	2019	320	48	24.1784
2	FEB	2019	320	50	23.2361
3	FEB	2019	320	52	23.3144
4	FEB	2019	320	54	24.3788
5	FEB	2019	320	56	26.4233
6	FEB	2019	320	58	29.4004

7	FEB	2019	321	00	33.2933
8	FEB	2019	321	02	38.0503
9	FEB	2019	321	04	43.6475
10	FEB	2019	321	06	50.0499
11	FEB	2019	321	08	57.2370
12	FEB	2019	321	11	05.1708
13	FEB	2019	321	13	13.8082
14	FEB	2019	321	15	23.1304
15	FEB	2019	321	17	33.1112
16	FEB	2019	321	19	43.7010
17	FEB	2019	321	21	54.8871
18	FEB	2019	321	24	06.6250
19	FEB	2019	321	26	18.8802
20	FEB	2019	321	28	31.6480
21	FEB	2019	321	30	44.8879
22	FEB	2019	321	32	58.5733
23	FEB	2019	321	35	12.6729
24	FEB	2019	321	37	27.1633
25	FEB	2019	321	39	42.0013
26	FEB	2019	321	41	57.1741
27	FEB	2019	321	44	12.6478
28	FEB	2019	321	46	28.3969
1	MAR	2019	321	48	44.3644
2	MAR	2019	321	51	00.5570
3	MAR	2019	321	53	16.9095
4	MAR	2019	321	55	33.4233
5	MAR	2019	321	57	50.0535
6	MAR	2019	322	00	06.7535
7	MAR	2019	322	02	23.2220
8	MAR	2019	322	04	39.6578
9	MAR	2019	322	06	56.3714
10	MAR	2019	322	09	13.0222
11	MAR	2019	322	11	29.5692
12	MAR	2019	322	13	45.9752
13	MAR	2019	322	16	02.2124
14	MAR	2019	322	18	18.2647
15	MAR	2019	322	20	34.0849
16	MAR	2019	322	22	49.6372
17	MAR	2019	322	25	04.9146
18	MAR	2019	322	27	19.8833
19	MAR	2019	322	29	34.5112
20	MAR	2019	322	31	48.7756
21	MAR	2019	322	34	02.6362
22	MAR	2019	322	36	16.0708
23	MAR	2019	322	38	29.0592
24	MAR	2019	322	40	41.5778
25	MAR	2019	322	42	53.5938

26	MAR	2019	322	45	05.0695
27	MAR	2019	322	47	15.9948
28	MAR	2019	322	49	26.3166
29	MAR	2019	322	51	36.0364
30	MAR	2019	322	53	45.0887
31	MAR	2019	322	55	53.4787
1	APR	2019	322	58	01.1511
2	APR	2019	323	00	08.0900
3	APR	2019	323	02	14.2721
4	APR	2019	323	04	19.6435
5	APR	2019	323	06	24.1783
6	APR	2019	323	08	27.8697
7	APR	2019	323	10	30.6717
8	APR	2019	323	12	32.5560
9	APR	2019	323	14	33.5134
10	APR	2019	323	16	33.4790
11	APR	2019	323	18	32.4603
12	APR	2019	323	20	30.4061
13	APR	2019	323	22	27.3150
14	APR	2019	323	24	23.1553
15	APR	2019	323	26	17.8816
16	APR	2019	323	28	11.4967
17	APR	2019	323	30	03.9645
18	APR	2019	323	31	55.2810
19	APR	2019	323	33	45.4020
20	APR	2019	323	35	34.3360
21	APR	2019	323	37	22.0279
22	APR	2019	323	39	08.4816
23	APR	2019	323	40	53.6559
24	APR	2019	323	42	37.5376
25	APR	2019	323	44	20.1128
26	APR	2019	323	46	01.3505
27	APR	2019	323	47	41.2114
28	APR	2019	323	49	19.7028
29	APR	2019	323	50	56.7796
30	APR	2019	323	52	32.4223
1	MAY	2019	323	54	06.6209
2	MAY	2019	323	55	39.3386
3	MAY	2019	323	57	10.5684
4	MAY	2019	323	58	40.2656
5	MAY	2019	324	00	08.4297
6	MAY	2019	324	01	35.0320
7	MAY	2019	324	03	00.0690
8	MAY	2019	324	04	23.4854
9	MAY	2019	324	05	45.2962
10	MAY	2019	324	07	05.4759
11	MAY	2019	324	08	23.9878

12	MAY	2019	324	09	40.8532
13	MAY	2019	324	10	56.0260
14	MAY	2019	324	12	09.5229
15	MAY	2019	324	13	21.3092
16	MAY	2019	324	14	31.3725
17	MAY	2019	324	15	39.7061
18	MAY	2019	324	16	46.3062
19	MAY	2019	324	17	51.1571
20	MAY	2019	324	18	54.2277
21	MAY	2019	324	19	55.5397
22	MAY	2019	324	20	55.0528
23	MAY	2019	324	21	52.7646
24	MAY	2019	324	22	48.6629
25	MAY	2019	324	23	42.7244
26	MAY	2019	324	24	34.9662
27	MAY	2019	324	25	25.3398
28	MAY	2019	324	26	13.8543
29	MAY	2019	324	27	00.4868
30	MAY	2019	324	27	45.2342
31	MAY	2019	324	28	28.0833
1	JUN	2019	324	29	09.0330
2	JUN	2019	324	29	48.0586
3	JUN	2019	324	30	25.1592
4	JUN	2019	324	31	00.3280
5	JUN	2019	324	31	33.5599
6	JUN	2019	324	32	04.8370
7	JUN	2019	324	32	34.1642
8	JUN	2019	324	33	01.5537
9	JUN	2019	324	33	26.9698
10	JUN	2019	324	33	50.4411
11	JUN	2019	324	34	11.9483
12	JUN	2019	324	34	31.5057
13	JUN	2019	324	34	49.1083
14	JUN	2019	324	35	04.7631
15	JUN	2019	324	35	18.4562
16	JUN	2019	324	35	30.1935
17	JUN	2019	324	35	39.9905
18	JUN	2019	324	35	47.8388
19	JUN	2019	324	35	53.7264
20	JUN	2019	324	35	57.6682
21	JUN	2019	324	35	59.6607
22	JUN	2019	324	35	59.7104
23	JUN	2019	324	35	57.8058
24	JUN	2019	324	35	53.9685
25	JUN	2019	324	35	48.1785
26	JUN	2019	324	35	40.4527
27	JUN	2019	324	35	30.7917

28	JUN	2019	324	35	19.2106
29	JUN	2019	324	35	05.6839
30	JUN	2019	324	34	50.2433
1	JUL	2019	324	34	32.8936
2	JUL	2019	324	34	13.6370
3	JUL	2019	324	33	52.4776
4	JUL	2019	324	33	29.4210
5	JUL	2019	324	33	04.4946
6	JUL	2019	324	32	37.6987
7	JUL	2019	324	32	09.0660
8	JUL	2019	324	31	38.5775
9	JUL	2019	324	31	06.2869
10	JUL	2019	324	30	32.1845
11	JUL	2019	324	29	56.2886
12	JUL	2019	324	29	18.6194
13	JUL	2019	324	28	39.2065
14	JUL	2019	324	27	58.0471
15	JUL	2019	324	27	15.1536
16	JUL	2019	324	26	30.5621
17	JUL	2019	324	25	44.2754
18	JUL	2019	324	24	56.3166
19	JUL	2019	324	24	06.7005
20	JUL	2019	324	23	15.4306
21	JUL	2019	324	22	22.5460
22	JUL	2019	324	21	28.0441
23	JUL	2019	324	20	31.9479
24	JUL	2019	324	19	34.2877
25	JUL	2019	324	18	35.0790
26	JUL	2019	324	17	34.3334
27	JUL	2019	324	16	32.0768
28	JUL	2019	324	15	28.3387
29	JUL	2019	324	14	23.1262
30	JUL	2019	324	13	16.4688
31	JUL	2019	324	12	08.3868
1	AUG	2019	324	10	58.9022
2	AUG	2019	324	09	48.0717
3	AUG	2019	324	08	35.8911
4	AUG	2019	324	07	22.4042
5	AUG	2019	324	06	07.6470
6	AUG	2019	324	04	51.6411
7	AUG	2019	324	03	34.4116
8	AUG	2019	324	02	15.9961
9	AUG	2019	324	00	56.4375
10	AUG	2019	323	59	35.7496
11	AUG	2019	323	58	13.9712
12	AUG	2019	323	56	51.1157
13	AUG	2019	323	55	27.2469

14	AUG	2019	323	54	02.3494
15	AUG	2019	323	52	36.4958
16	AUG	2019	323	51	09.6924
17	AUG	2019	323	49	41.9727
18	AUG	2019	323	48	13.3705
19	AUG	2019	323	46	43.9183
20	AUG	2019	323	45	13.6424
21	AUG	2019	323	43	42.5787
22	AUG	2019	323	42	10.7640
23	AUG	2019	323	40	38.2159
24	AUG	2019	323	39	04.9657
25	AUG	2019	323	37	31.0731
26	AUG	2019	323	35	56.5611
27	AUG	2019	323	34	21.4515
28	AUG	2019	323	32	45.7866
29	AUG	2019	323	31	09.6299
30	AUG	2019	323	29	32.9817
31	AUG	2019	323	27	55.9037
1	SEP	2019	323	26	18.4182
2	SEP	2019	323	24	40.5906
3	SEP	2019	323	23	02.4591
4	SEP	2019	323	21	24.0289
5	SEP	2019	323	19	45.3902
6	SEP	2019	323	18	06.5384
7	SEP	2019	323	16	27.5457
8	SEP	2019	323	14	48.4221
9	SEP	2019	323	13	09.2221
10	SEP	2019	323	11	29.9740
11	SEP	2019	323	09	50.7091
12	SEP	2019	323	08	11.4897
13	SEP	2019	323	06	32.3232
14	SEP	2019	323	04	53.2745
15	SEP	2019	323	03	14.3471
16	SEP	2019	323	01	35.5932
17	SEP	2019	322	59	57.0662
18	SEP	2019	322	58	18.7777
19	SEP	2019	322	56	40.7649
20	SEP	2019	322	55	03.0748
21	SEP	2019	322	53	25.7337
22	SEP	2019	322	51	48.8098
23	SEP	2019	322	50	12.2919
24	SEP	2019	322	48	36.2571
25	SEP	2019	322	47	00.7379
26	SEP	2019	322	45	25.7568
27	SEP	2019	322	43	51.3746
28	SEP	2019	322	42	17.6003
29	SEP	2019	322	40	44.5165

30	SEP	2019	322	39	12.1261
1	OCT	2019	322	37	40.4983
2	OCT	2019	322	36	09.6586
3	OCT	2019	322	34	39.6421
4	OCT	2019	322	33	10.4844
5	OCT	2019	322	31	42.2351
6	OCT	2019	322	30	14.9130
7	OCT	2019	322	28	48.5521
8	OCT	2019	322	27	23.1941
9	OCT	2019	322	25	58.8610
10	OCT	2019	322	24	35.5993
11	OCT	2019	322	23	13.4285
12	OCT	2019	322	21	52.3917
13	OCT	2019	322	20	32.4999
14	OCT	2019	322	19	13.8032
15	OCT	2019	322	17	56.3295
16	OCT	2019	322	16	40.0890
17	OCT	2019	322	15	25.1299
18	OCT	2019	322	14	11.4846
19	OCT	2019	322	12	59.1612
20	OCT	2019	322	11	48.2167
21	OCT	2019	322	10	38.6540
22	OCT	2019	322	09	30.5172
23	OCT	2019	322	08	23.8380
24	OCT	2019	322	07	18.6323
25	OCT	2019	322	06	14.9482
26	OCT	2019	322	05	12.8003
27	OCT	2019	322	04	12.2300
28	OCT	2019	322	03	13.2444
29	OCT	2019	322	02	15.9052
30	OCT	2019	322	01	20.2185
31	OCT	2019	322	00	26.2049
1	NOV	2019	321	59	33.8927
2	NOV	2019	321	58	43.3014
3	NOV	2019	321	57	54.4613
4	NOV	2019	321	57	07.3808
5	NOV	2019	321	56	22.0927
6	NOV	2019	321	55	38.5996
7	NOV	2019	321	54	56.9256
8	NOV	2019	321	54	17.0847
9	NOV	2019	321	53	39.1094
10	NOV	2019	321	53	02.9851
11	NOV	2019	321	52	28.7452
12	NOV	2019	321	51	56.4065
13	NOV	2019	321	51	25.9726
14	NOV	2019	321	50	57.4572
15	NOV	2019	321	50	30.8820

16	NOV	2019	321	50	06.2534
17	NOV	2019	321	49	43.5777
18	NOV	2019	321	49	22.8922
19	NOV	2019	321	49	04.1891
20	NOV	2019	321	48	47.4797
21	NOV	2019	321	48	32.7872
22	NOV	2019	321	48	20.1208
23	NOV	2019	321	48	09.4863
24	NOV	2019	321	48	00.8961
25	NOV	2019	321	47	54.3690
26	NOV	2019	321	47	49.9106
27	NOV	2019	321	47	47.5197
28	NOV	2019	321	47	47.2071
29	NOV	2019	321	47	48.9805
30	NOV	2019	321	47	52.8350
1	DEC	2019	321	47	58.7719
2	DEC	2019	321	48	06.8149
3	DEC	2019	321	48	16.9228
4	DEC	2019	321	48	29.1379
5	DEC	2019	321	48	43.4269
6	DEC	2019	321	48	59.7979
7	DEC	2019	321	49	18.2498
8	DEC	2019	321	49	38.7792
9	DEC	2019	321	50	01.3822
10	DEC	2019	321	50	26.0354
11	DEC	2019	321	50	52.7706
12	DEC	2019	321	51	21.5499
13	DEC	2019	321	51	52.3775
14	DEC	2019	321	52	25.2583
15	DEC	2019	321	53	00.1808
16	DEC	2019	321	53	37.1265
17	DEC	2019	321	54	16.1047
18	DEC	2019	321	54	57.1137
19	DEC	2019	321	55	40.1374
20	DEC	2019	321	56	25.1583
21	DEC	2019	321	57	12.1895
22	DEC	2019	321	58	01.2277
23	DEC	2019	321	58	52.2380
24	DEC	2019	321	59	45.2298
25	DEC	2019	322	00	40.1956
26	DEC	2019	322	01	37.1057
27	DEC	2019	322	02	35.9514
28	DEC	2019	322	03	36.7230
29	DEC	2019	322	04	39.4145
30	DEC	2019	322	05	43.9738
31	DEC	2019	322	06	50.4268