

MARS
Nirayana Longitude, 2019

	Date		Degree	Minute	Second
27	DEC	2018	332	27	49.9609
28	DEC	2018	333	07	59.3854
29	DEC	2018	333	48	10.8608
30	DEC	2018	334	28	24.3445
31	DEC	2018	335	08	39.8067
1	JAN	2019	335	48	57.1491
2	JAN	2019	336	29	16.4223
3	JAN	2019	337	09	37.4875
4	JAN	2019	337	50	00.3239
5	JAN	2019	338	30	24.8169
6	JAN	2019	339	10	50.8895
7	JAN	2019	339	51	18.4791
8	JAN	2019	340	31	47.4601
9	JAN	2019	341	12	17.7572
10	JAN	2019	341	52	49.2634
11	JAN	2019	342	33	21.8646
12	JAN	2019	343	13	55.4471
13	JAN	2019	343	54	29.9380
14	JAN	2019	344	35	05.2065
15	JAN	2019	345	15	41.1653
16	JAN	2019	345	56	17.6893
17	JAN	2019	346	36	54.6719
18	JAN	2019	347	17	32.0319
19	JAN	2019	347	58	09.6598
20	JAN	2019	348	38	47.4821
21	JAN	2019	349	19	25.4376
22	JAN	2019	350	00	03.4758
23	JAN	2019	350	40	41.5730
24	JAN	2019	351	21	19.6992
25	JAN	2019	352	01	57.8820
26	JAN	2019	352	42	36.1016
27	JAN	2019	353	23	14.3859
28	JAN	2019	354	03	52.7222
29	JAN	2019	354	44	31.1032
30	JAN	2019	355	25	09.5271
31	JAN	2019	356	05	47.9742
1	FEB	2019	356	46	26.4164
2	FEB	2019	357	27	04.8231
3	FEB	2019	358	07	43.1554
4	FEB	2019	358	48	21.3788
5	FEB	2019	359	28	59.4473
6	FEB	2019	0	09	37.2814

7	FEB	2019	0	50	14.8683
8	FEB	2019	1	30	52.1133
9	FEB	2019	2	11	28.9755
10	FEB	2019	2	52	05.3709
11	FEB	2019	3	32	41.2640
12	FEB	2019	4	13	16.5508
13	FEB	2019	4	53	51.1982
14	FEB	2019	5	34	25.1054
15	FEB	2019	6	14	58.2272
16	FEB	2019	6	55	30.4930
17	FEB	2019	7	36	01.8591
18	FEB	2019	8	16	32.2680
19	FEB	2019	8	57	01.6852
20	FEB	2019	9	37	30.1060
21	FEB	2019	10	17	57.5189
22	FEB	2019	10	58	23.9563
23	FEB	2019	11	38	49.4339
24	FEB	2019	12	19	13.9633
25	FEB	2019	12	59	37.5903
26	FEB	2019	13	40	00.3191
27	FEB	2019	14	20	22.1518
28	FEB	2019	15	00	43.1189
1	MAR	2019	15	41	03.2164
2	MAR	2019	16	21	22.4150
3	MAR	2019	17	01	40.7505
4	MAR	2019	17	41	58.1563
5	MAR	2019	18	22	14.6715
6	MAR	2019	19	02	30.2245
7	MAR	2019	19	42	44.8190
8	MAR	2019	20	22	58.4078
9	MAR	2019	21	03	10.9624
10	MAR	2019	21	43	22.4502
11	MAR	2019	22	23	32.8222
12	MAR	2019	23	03	42.0422
13	MAR	2019	23	43	50.0534
14	MAR	2019	24	23	56.8287
15	MAR	2019	25	04	02.3179
16	MAR	2019	25	44	06.4572
17	MAR	2019	26	24	09.2386
18	MAR	2019	27	04	10.6163
19	MAR	2019	27	44	10.5822
20	MAR	2019	28	24	09.1066
21	MAR	2019	29	04	06.2152
22	MAR	2019	29	44	01.9138
23	MAR	2019	30	23	56.2402
24	MAR	2019	31	03	49.2188
25	MAR	2019	31	43	40.8748

26	MAR	2019	32	23	31.2665
27	MAR	2019	33	03	20.4108
28	MAR	2019	33	43	08.3136
29	MAR	2019	34	22	55.0174
30	MAR	2019	35	02	40.5327
31	MAR	2019	35	42	24.8477
1	APR	2019	36	22	07.9991
2	APR	2019	37	01	49.9550
3	APR	2019	37	41	30.7361
4	APR	2019	38	21	10.3315
5	APR	2019	39	00	48.7353
6	APR	2019	39	40	25.9077
7	APR	2019	40	20	01.8567
8	APR	2019	40	59	36.5520
9	APR	2019	41	39	09.9594
10	APR	2019	42	18	42.0670
11	APR	2019	42	58	12.8093
12	APR	2019	43	37	42.1951
13	APR	2019	44	17	10.1640
14	APR	2019	44	56	36.7233
15	APR	2019	45	36	01.8216
16	APR	2019	46	15	25.4537
17	APR	2019	46	54	47.6305
18	APR	2019	47	34	08.3500
19	APR	2019	48	13	27.6340
20	APR	2019	48	52	45.5150
21	APR	2019	49	32	02.0189
22	APR	2019	50	11	17.1936
23	APR	2019	50	50	31.0579
24	APR	2019	51	29	43.6756
25	APR	2019	52	08	55.0618
26	APR	2019	52	48	05.2415
27	APR	2019	53	27	14.2654
28	APR	2019	54	06	22.1238
29	APR	2019	54	45	28.8596
30	APR	2019	55	24	34.4693
1	MAY	2019	56	03	38.9899
2	MAY	2019	56	42	42.3976
3	MAY	2019	57	21	44.7254
4	MAY	2019	58	00	45.9476
5	MAY	2019	58	39	46.0707
6	MAY	2019	59	18	45.0770
7	MAY	2019	59	57	42.9740
8	MAY	2019	60	36	39.7094
9	MAY	2019	61	15	35.2842
10	MAY	2019	61	54	29.6629
11	MAY	2019	62	33	22.8418

12	MAY	2019	63	12	14.7812
13	MAY	2019	63	51	05.4850
14	MAY	2019	64	29	54.9329
15	MAY	2019	65	08	43.1422
16	MAY	2019	65	47	30.1135
17	MAY	2019	66	26	15.8901
18	MAY	2019	67	05	00.4402
19	MAY	2019	67	43	43.8541
20	MAY	2019	68	22	26.1327
21	MAY	2019	69	01	07.3427
22	MAY	2019	69	39	47.4958
23	MAY	2019	70	18	26.6606
24	MAY	2019	70	57	04.8579
25	MAY	2019	71	35	42.1144
26	MAY	2019	72	14	18.4802
27	MAY	2019	72	52	53.9558
28	MAY	2019	73	31	28.5923
29	MAY	2019	74	10	02.3928
30	MAY	2019	74	48	35.3722
31	MAY	2019	75	27	07.5663
1	JUN	2019	76	05	38.9580
2	JUN	2019	76	44	09.5676
3	JUN	2019	77	22	39.3982
4	JUN	2019	78	01	08.4280
5	JUN	2019	78	39	36.6519
6	JUN	2019	79	18	04.0540
7	JUN	2019	79	56	30.6232
8	JUN	2019	80	34	56.3407
9	JUN	2019	81	13	21.1748
10	JUN	2019	81	51	45.1441
11	JUN	2019	82	30	08.2113
12	JUN	2019	83	08	30.3987
13	JUN	2019	83	46	51.7233
14	JUN	2019	84	25	12.1921
15	JUN	2019	85	03	31.8482
16	JUN	2019	85	41	50.6865
17	JUN	2019	86	20	08.7785
18	JUN	2019	86	58	26.1488
19	JUN	2019	87	36	42.8424
20	JUN	2019	88	14	58.8792
21	JUN	2019	88	53	14.3217
22	JUN	2019	89	31	29.1874
23	JUN	2019	90	09	43.5248
24	JUN	2019	90	47	57.3595
25	JUN	2019	91	26	10.7165
26	JUN	2019	92	04	23.6357
27	JUN	2019	92	42	36.1287

28	JUN	2019	93	20	48.2306
29	JUN	2019	93	58	59.9489
30	JUN	2019	94	37	11.2903
1	JUL	2019	95	15	22.2646
2	JUL	2019	95	53	32.8800
3	JUL	2019	96	31	43.1226
4	JUL	2019	97	09	52.9940
5	JUL	2019	97	48	02.4676
6	JUL	2019	98	26	11.5157
7	JUL	2019	99	04	20.1500
8	JUL	2019	99	42	28.3295
9	JUL	2019	100	20	36.0679
10	JUL	2019	100	58	43.3725
11	JUL	2019	101	36	50.2406
12	JUL	2019	102	14	56.7014
13	JUL	2019	102	53	02.7705
14	JUL	2019	103	31	08.4651
15	JUL	2019	104	09	13.8376
16	JUL	2019	104	47	18.9231
17	JUL	2019	105	25	23.7314
18	JUL	2019	106	03	28.3266
19	JUL	2019	106	41	32.7405
20	JUL	2019	107	19	37.0186
21	JUL	2019	107	57	41.1740
22	JUL	2019	108	35	45.2601
23	JUL	2019	109	13	49.2919
24	JUL	2019	109	51	53.3177
25	JUL	2019	110	29	57.3670
26	JUL	2019	111	08	01.4464
27	JUL	2019	111	46	05.5958
28	JUL	2019	112	24	09.8087
29	JUL	2019	113	02	14.1262
30	JUL	2019	113	40	18.5378
31	JUL	2019	114	18	23.0488
1	AUG	2019	114	56	27.6342
2	AUG	2019	115	34	32.3047
3	AUG	2019	116	12	37.0241
4	AUG	2019	116	50	41.7812
5	AUG	2019	117	28	46.5730
6	AUG	2019	118	06	51.3711
7	AUG	2019	118	44	56.1946
8	AUG	2019	119	23	01.0361
9	AUG	2019	120	01	05.8995
10	AUG	2019	120	39	10.8316
11	AUG	2019	121	17	15.8512
12	AUG	2019	121	55	20.9707
13	AUG	2019	122	33	26.2269

14	AUG	2019	123	11	31.6524
15	AUG	2019	123	49	37.2918
16	AUG	2019	124	27	43.1634
17	AUG	2019	125	05	49.3167
18	AUG	2019	125	43	55.7895
19	AUG	2019	126	22	02.5963
20	AUG	2019	127	00	09.7874
21	AUG	2019	127	38	17.4027
22	AUG	2019	128	16	25.4400
23	AUG	2019	128	54	33.9559
24	AUG	2019	129	32	42.9717
25	AUG	2019	130	10	52.4861
26	AUG	2019	130	49	02.5261
27	AUG	2019	131	27	13.1015
28	AUG	2019	132	05	24.2176
29	AUG	2019	132	43	35.8689
30	AUG	2019	133	21	48.0327
31	AUG	2019	134	00	00.6947
1	SEP	2019	134	38	13.8012
2	SEP	2019	135	16	27.3406
3	SEP	2019	135	54	41.3051
4	SEP	2019	136	32	55.7449
5	SEP	2019	137	11	10.6432
6	SEP	2019	137	49	26.0134
7	SEP	2019	138	27	41.8717
8	SEP	2019	139	05	58.2051
9	SEP	2019	139	44	15.0501
10	SEP	2019	140	22	32.4130
11	SEP	2019	141	00	50.3431
12	SEP	2019	141	39	08.8557
13	SEP	2019	142	17	27.9852
14	SEP	2019	142	55	47.7785
15	SEP	2019	143	34	08.2421
16	SEP	2019	144	12	29.4372
17	SEP	2019	144	50	51.3652
18	SEP	2019	145	29	14.0807
19	SEP	2019	146	07	37.6159
20	SEP	2019	146	46	01.9798
21	SEP	2019	147	24	27.1927
22	SEP	2019	148	02	53.3018
23	SEP	2019	148	41	20.3009
24	SEP	2019	149	19	48.2091
25	SEP	2019	149	58	17.0229
26	SEP	2019	150	36	46.7548
27	SEP	2019	151	15	17.3696
28	SEP	2019	151	53	48.8703
29	SEP	2019	152	32	21.2165

30	SEP	2019	153	10	54.4081
1	OCT	2019	153	49	28.3983
2	OCT	2019	154	28	03.1986
3	OCT	2019	155	06	38.7681
4	OCT	2019	155	45	15.1344
5	OCT	2019	156	23	52.2841
6	OCT	2019	157	02	30.2480
7	OCT	2019	157	41	09.0301
8	OCT	2019	158	19	48.6511
9	OCT	2019	158	58	29.1430
10	OCT	2019	159	37	10.5103
11	OCT	2019	160	15	52.7885
12	OCT	2019	160	54	36.0147
13	OCT	2019	161	33	20.2159
14	OCT	2019	162	12	05.4172
15	OCT	2019	162	50	51.6385
16	OCT	2019	163	29	38.9250
17	OCT	2019	164	08	27.2949
18	OCT	2019	164	47	16.7806
19	OCT	2019	165	26	07.4062
20	OCT	2019	166	04	59.1947
21	OCT	2019	166	43	52.1500
22	OCT	2019	167	22	46.2882
23	OCT	2019	168	01	41.6160
24	OCT	2019	168	40	38.1303
25	OCT	2019	169	19	35.8122
26	OCT	2019	169	58	34.6373
27	OCT	2019	170	37	34.6010
28	OCT	2019	171	16	35.6544
29	OCT	2019	171	55	37.7902
30	OCT	2019	172	34	40.9805
31	OCT	2019	173	13	45.1969
1	NOV	2019	173	52	50.4407
2	NOV	2019	174	31	56.6994
3	NOV	2019	175	11	03.9783
4	NOV	2019	175	50	12.3048
5	NOV	2019	176	29	21.6687
6	NOV	2019	177	08	32.0856
7	NOV	2019	177	47	43.5836
8	NOV	2019	178	26	56.1757
9	NOV	2019	179	06	09.8914
10	NOV	2019	179	45	24.7531
11	NOV	2019	180	24	40.7702
12	NOV	2019	181	03	57.9975
13	NOV	2019	181	43	16.4406
14	NOV	2019	182	22	36.1442
15	NOV	2019	183	01	57.1280

16	NOV	2019	183	41	19.4124
17	NOV	2019	184	20	43.0137
18	NOV	2019	185	00	07.9622
19	NOV	2019	185	39	34.2641
20	NOV	2019	186	19	01.9067
21	NOV	2019	186	58	30.8952
22	NOV	2019	187	38	01.2078
23	NOV	2019	188	17	32.8553
24	NOV	2019	188	57	05.7711
25	NOV	2019	189	36	39.9510
26	NOV	2019	190	16	15.3526
27	NOV	2019	190	55	51.9447
28	NOV	2019	191	35	29.7271
29	NOV	2019	192	15	08.6455
30	NOV	2019	192	54	48.7120
1	DEC	2019	193	34	29.9009
2	DEC	2019	194	14	12.2279
3	DEC	2019	194	53	55.7038
4	DEC	2019	195	33	40.2979
5	DEC	2019	196	13	26.0579
6	DEC	2019	196	53	12.9879
7	DEC	2019	197	33	01.0898
8	DEC	2019	198	12	50.4052
9	DEC	2019	198	52	40.9382
10	DEC	2019	199	32	32.7174
11	DEC	2019	200	12	25.7716
12	DEC	2019	200	52	20.1459
13	DEC	2019	201	32	15.8315
14	DEC	2019	202	12	12.8813
15	DEC	2019	202	52	11.3078
16	DEC	2019	203	32	11.1375
17	DEC	2019	204	12	12.3737
18	DEC	2019	204	52	15.0087
19	DEC	2019	205	32	19.0594
20	DEC	2019	206	12	24.4813
21	DEC	2019	206	52	31.2925
22	DEC	2019	207	32	39.4247
23	DEC	2019	208	12	48.8670
24	DEC	2019	208	52	59.5838
25	DEC	2019	209	33	11.5486
26	DEC	2019	210	13	24.7107
27	DEC	2019	210	53	39.0484
28	DEC	2019	211	33	54.5600
29	DEC	2019	212	14	11.2065
30	DEC	2019	212	54	28.9938
31	DEC	2019	213	34	47.8988