

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
01/04/16	0h 41 min 6	11s 17Deg 36' 39"	8s 21Deg 55' 7"	7s 13Deg 15'	11s 26Deg 7'	4s 21Deg 20'	11s 0Deg 6'	7s 22Deg 17'	4s 27Deg 31'	4s 26Deg 42'	4N 37	17S 43	20	K 8	
02/04/16	0h 45 min 3	11s 18Deg 35' 51"	9s 5Deg 1' 11"	7s 13Deg 26'	11s 28Deg 8'	4s 21Deg 14'	11s 1Deg 20'	7s 22Deg 16'	4s 27Deg 32'	4s 26Deg 39'	5N 1	16S 14	21	K 9	
03/04/16	0h 48 min 59	11s 19Deg 35' 1"	9s 18Deg 32' 16"	7s 13Deg 36'	0s 0Deg 8'	4s 21Deg 8'	11s 2Deg 34'	7s 22Deg 15'	4s 27Deg 33'	4s 26Deg 36'	5N 24	13S 50	22	K 10	
04/04/16	0h 52 min 56	11s 20Deg 34' 10"	10s 2Deg 30' 2"	7s 13Deg 45'	0s 2Deg 7'	4s 21Deg 2'	11s 3Deg 48'	7s 22Deg 14'	4s 27Deg 35'	4s 26Deg 32'	5N 46	10S 33	23	K 11	
05/04/16	0h 56 min 52	11s 21Deg 33' 16"	10s 16Deg 54' 7"	7s 13Deg 54'	0s 4Deg 4'	4s 20Deg 56'	11s 5Deg 2'	7s 22Deg 13'	4s 27Deg 36'	4s 26Deg 29'	6N 9	6S 32	24	K 13	
06/04/16	1h 0 min 49	11s 22Deg 32' 21"	11s 1Deg 41' 30"	7s 14Deg 2'	0s 5Deg 59'	4s 20Deg 50'	11s 6Deg 17'	7s 22Deg 12'	4s 27Deg 36'	4s 26Deg 26'	6N 32	2S 1	25	K 14	
07/04/16	1h 4 min 45	11s 23Deg 31' 24"	11s 16Deg 46' 14"	7s 14Deg 10'	0s 7Deg 51'	4s 20Deg 44'	11s 7Deg 31'	7s 22Deg 11'	4s 27Deg 35'	4s 26Deg 23'	6N 55	2N 42	27	Amavasya	
08/04/16	1h 8 min 42	11s 24Deg 30' 25"	0s 1Deg 59' 48"	7s 14Deg 17'	0s 9Deg 40'	4s 20Deg 39'	11s 8Deg 45'	7s 22Deg 10'	4s 27Deg 33'	4s 26Deg 20'	7N 17	7N 18	1	S 1	
09/04/16	1h 12 min 38	11s 25Deg 29' 24"	0s 17Deg 12' 11"	7s 14Deg 23'	0s 11Deg 25'	4s 20Deg 33'	11s 9Deg 59'	7s 22Deg 8'	4s 27Deg 29'	4s 26Deg 16'	7N 39	11N 25	2	S 2	
10/04/16	1h 16 min 35	11s 26Deg 28' 21"	1s 2Deg 13' 23"	7s 14Deg 29'	0s 13Deg 8'	4s 20Deg 28'	11s 11Deg 13'	7s 22Deg 7'	4s 27Deg 25'	4s 26Deg 13'	8N 2	14N 43	3	S 3	
11/04/16	1h 20 min 31	11s 27Deg 27' 15"	1s 16Deg 55' 7"	7s 14Deg 33'	0s 14Deg 46'	4s 20Deg 23'	11s 12Deg 27'	7s 22Deg 5'	4s 27Deg 21'	4s 26Deg 10'	8N 24	17N 0	4	S 5	
12/04/16	1h 24 min 28	11s 28Deg 26' 7"	2s 1Deg 11' 47"	7s 14Deg 38'	0s 16Deg 20'	4s 20Deg 18'	11s 13Deg 41'	7s 22Deg 4'	4s 27Deg 18'	4s 26Deg 7'	8N 46	18N 9	5	S 6	
13/04/16	1h 28 min 25	11s 29Deg 24' 57"	2s 15Deg 0' 54"	7s 14Deg 41'	0s 17Deg 49'	4s 20Deg 13'	11s 14Deg 55'	7s 22Deg 2'	4s 27Deg 15'	4s 26Deg 4'	9N 8	18N 10	6	S 7	
14/04/16	1h 32 min 21	0s 0Deg 23' 45"	2s 28Deg 22' 47"	7s 14Deg 44'	0s 19Deg 14'	4s 20Deg 9'	11s 16Deg 9'	7s 22Deg 0'	4s 27Deg 15'	4s 26Deg 1'	9N 29	17N 9	7	S 8	
15/04/16	1h 36 min 18	0s 1Deg 22' 31"	3s 11Deg 19' 44"	7s 14Deg 46'	0s 20Deg 34'	4s 20Deg 4'	11s 17Deg 23'	7s 21Deg 58'	4s 27Deg 15'	4s 25Deg 57'	9N 51	15N 16	8	S 9	
16/04/16	1h 40 min 14	0s 2Deg 21' 14"	3s 23Deg 55' 25"	7s 14Deg 48'	0s 21Deg 48'	4s 20Deg 0'	11s 18Deg 37'	7s 21Deg 56'	4s 27Deg 16'	4s 25Deg 54'	10N 12	12N 42	9	S 10	
17/04/16	1h 44 min 11	0s 3Deg 19' 55"	4s 6Deg 14' 0"	7s 14Deg 48'	0s 22Deg 58'	4s 19Deg 56'	11s 19Deg 51'	7s 21Deg 54'	4s 27Deg 18'	4s 25Deg 51'	10N 33	9N 36	10	S 11	
18/04/16	1h 48 min 7	0s 4Deg 18' 33"	4s 18Deg 19' 46"	7s 14Deg 48'	0s 24Deg 2'	4s 19Deg 52'	11s 21Deg 5'	7s 21Deg 52'	4s 27Deg 19'	4s 25Deg 48'	10N 54	6N 9	11	S 12	
19/04/16	1h 52 min 4	0s 5Deg 17' 10"	5s 0Deg 16' 39"	7s 14Deg 48'	0s 25Deg 0'	4s 19Deg 48'	11s 22Deg 19'	7s 21Deg 49'	4s 27Deg 20'	4s 25Deg 45'	11N 15	2N 29	12	S 13	
20/04/16	1h 56 min 0	0s 6Deg 15' 45"	5s 12Deg 8' 11"	7s 14Deg 46'	0s 25Deg 53'	4s 19Deg 45'	11s 23Deg 33'	7s 21Deg 47'	4s 27Deg 18'	4s 25Deg 41'	11N 36	1S 15	13	S 13	
21/04/16	1h 59 min 57	0s 7Deg 14' 17"	5s 23Deg 57' 17"	7s 14Deg 44'	0s 26Deg 41'	4s 19Deg 41'	11s 24Deg 47'	7s 21Deg 45'	4s 27Deg 15'	4s 25Deg 38'	11N 56	4S 55	14	S 14	
22/04/16	2h 3 min 54	0s 8Deg 12' 48"	6s 5Deg 46' 24"	7s 14Deg 41'	0s 27Deg 22'	4s 19Deg 38'	11s 26Deg 1'	7s 21Deg 42'	4s 27Deg 10'	4s 25Deg 35'	12N 16	8S 24	14	Poornima	
23/04/16	2h 7 min 50	0s 9Deg 11' 16"	6s 17Deg 37' 32"	7s 14Deg 37'	0s 27Deg 58'	4s 19Deg 35'	11s 27Deg 15'	7s 21Deg 39'	4s 27Deg 4'	4s 25Deg 32'	12N 36	11S 33	15	K 1	
24/04/16	2h 11 min 47	0s 10Deg 9' 43"	6s 29Deg 32' 29"	7s 14Deg 33'	0s 28Deg 28'	4s 19Deg 32'	11s 28Deg 29'	7s 21Deg 37'	4s 26Deg 56'	4s 25Deg 29'	12N 56	14S 15	16	K 2	
25/04/16	2h 15 min 43	0s 11Deg 8' 8"	7s 11Deg 32' 55"	7s 14Deg 28'	0s 28Deg 52'	4s 19Deg 29'	11s 29Deg 43'	7s 21Deg 34'	4s 26Deg 47'	4s 25Deg 26'	13N 16	16S 21	17	K 3	
26/04/16	2h 19 min 40	0s 12Deg 6' 31"	7s 23Deg 40' 41"	7s 14Deg 22'	0s 29Deg 10'	4s 19Deg 27'	0s 0Deg 57'	7s 21Deg 31'	4s 26Deg 40'	4s 25Deg 22'	13N 35	17S 46	18	K 4	
27/04/16	2h 23 min 36	0s 13Deg 4' 53"	8s 5Deg 57' 53"	7s 14Deg 15'	0s 29Deg 22'	4s 19Deg 24'	0s 2Deg 11'	7s 21Deg 28'	4s 26Deg 33'	4s 25Deg 19'	13N 54	18S 22	19	K 5	
28/04/16	2h 27 min 33	0s 14Deg 3' 13"	8s 18Deg 27' 5"	7s 14Deg 7'	0s 29Deg 29'	4s 19Deg 22'	0s 3Deg 25'	7s 21Deg 25'	4s 26Deg 28'	4s 25Deg 16'	14N 13	18S 6	20	K 6	
29/04/16	2h 31 min 29	0s 15Deg 1' 31"	9s 1Deg 11' 9"	7s 13Deg 59'	0s 29Deg 30'	4s 19Deg 20'	0s 4Deg 39'	7s 21Deg 22'	4s 26Deg 25'	4s 25Deg 13'	14N 32	16S 55	21	K 7	
30/04/16	2h 35 min 26	0s 15Deg 59' 48"	9s 14Deg 13' 14"	7s 13Deg 50'	0s 29Deg 26'	4s 19Deg 18'	0s 5Deg 53'	7s 21Deg 19'	4s 26Deg 24'	4s 25Deg 10'	14N 50	14S 51	22	K 8	
01/05/16	2h 39 min 23	0s 16Deg 58' 3"	9s 27Deg 36' 25"	7s 13Deg 40'	0s 29Deg 17'	4s 19Deg 16'	0s 7Deg 7'	7s 21Deg 16'	4s 26Deg 24'	4s 25Deg 6'	15N 9	11S 55	23	K 9	
02/05/16	2h 43 min 19	0s 17Deg 56' 17"	10s 11Deg 23' 11"	7s 13Deg 30'	0s 29Deg 3'	4s 19Deg 15'	0s 8Deg 20'	7s 21Deg 13'	4s 26Deg 25'	4s 25Deg 3'	15N 27	8S 16	24	K 10	
03/05/16	2h 47 min 16	0s 18Deg 54' 30"	10s 25Deg 34' 42"	7s 13Deg 18'	0s 28Deg 44'	4s 19Deg 14'	0s 9Deg 34'	7s 21Deg 9'	4s 26Deg 26'	4s 25Deg 0'	15N 44	4S 1	25	K 11	
04/05/16	2h 51 min 12	0s 19Deg 52' 41"	11s 10Deg 10' 4"	7s 13Deg 6'	0s 28Deg 21'	4s 19Deg 13'	0s 10Deg 48'	7s 21Deg 6'	4s 26Deg 25'	4s 24Deg 57'	16N 2	0N 34	26	K 12	
05/05/16	2h 55 min 9	0s 20Deg 50' 50"	11s 25Deg 5' 35"	7s 12Deg 54'	0s 27Deg 55'	4s 19Deg 12'	0s 12Deg 2'	7s 21Deg 2'	4s 26Deg 22'	4s 24Deg 54'	16N 19	5N 14	27	K 13	
06/05/16	2h 59 min 5	0s 21Deg 48' 58"	0s 10Deg 14' 30"	7s 12Deg 40'	0s 27Deg 25'	4s 19Deg 11'	0s 13Deg 16'	7s 20Deg 59'	4s 26Deg 17'	4s 24Deg 51'	16N 36	9N 37	1	Amavasya	
07/05/16	3h 3 min 2	0s 22Deg 47' 5"	0s 25Deg 27' 32"	7s 12Deg 26'	0s 26Deg 53'	4s 19Deg 10'	0s 14Deg 30'	7s 20Deg 55'	4s 26Deg 10'	4s 24Deg 47'	16N 52	13N 24	2	S 1	
08/05/16	3h 6 min 58	0s 23Deg 45' 9"	1s 10Deg 34' 10"	7s 12Deg 11'	0s 26Deg 18'	4s 19Deg 10'	0s 15Deg 44'	7s 20Deg 52'	4s 26Deg 1'	4s 24Deg 44'	17N 9	16N 15	4	S 2	
09/05/16	3h 10 min 55	0s 24Deg 43' 12"	1s 25Deg 24' 26"	7s 11Deg 56'	0s 25Deg 43'	4s 19Deg 10'	0s 16Deg 58'	7s 20Deg 48'	4s 25Deg 52'	4s 24Deg 41'	17N 25	17N 57	5	S 3	
10/05/16	3h 14 min 52	0s 25Deg 41' 13"	2s 9Deg 50' 41"	7s 11Deg 40'	0s 25Deg 6'	4s 19Deg 10'	0s 18Deg 11'	7s 20Deg 44'	4s 25Deg 44'	4s 24Deg 38'	17N 41	18N 27	6	S 4	
11/05/16	3h 18 min 48	0s 26Deg 39' 13"	2s 23Deg 48' 29"	7s 11Deg 23'	0s 24Deg 29'	4s 19Deg 10'	0s 19Deg 25'	7s 20Deg 40'	4s 25Deg 38'	4s 24Deg 35'	17N 56	17N 47	7	S 5	
12/05/16	3h 22 min 45	0s 27Deg 37' 10"	3s 7Deg 16' 45"	7s 11Deg 6'	0s 23Deg 53'	4s 19Deg 10'	0s 20Deg 39'	7s 20Deg 36'	4s 25Deg 34'	4s 24Deg 32'	18N 11	16N 8	8	S 6	
13/05/16	3h 26 min 41	0s 28Deg 35' 6"	3s 20Deg 17' 11"	7s 10Deg 48'	0s 23Deg 19'	4s 19Deg 11'	0s 21Deg 53'	7s 20Deg 32'	4s 25Deg 32'	4s 24Deg 28'	18N 26	13N 42	9	S 7	
14/05/16	3h 30 min 38	0s 29Deg 33' 0"	4s 2Deg 53' 28"	7s 10Deg 30'	0s 22Deg 45'	4s 19Deg 12'	0s 23Deg 7'	7s 20Deg 28'	4s 25Deg 32'	4s 24Deg 25'	18N 41	10N 40	10	S 8	
15/05/16	3h 34 min 34	0s 30Deg 30' 52"	4s 15Deg 10' 19"	7s 10Deg 12'	0s 22Deg 15'	4s 19Deg 13'	0s 24Deg 21'	7s 20Deg 24'	4s 25Deg 32'	4s 24Deg 22'	18N 55	7N 15	11	S 9	
16/05/16	3h 38 min 31	1s 1Deg 28' 42"	4s 27Deg 12' 53"	7s 9Deg 53'	0s 21Deg 46'	4s 19Deg 14'	0s 25Deg 34'	7s 20Deg 20'	4s 25Deg 33'	4s 24Deg 19'	19N 9	3N 35	12	S 10	
17/05/16	3h 42 min 27	1s 2Deg 26' 31"	5s 9Deg 6' 15"	7s 9Deg 33'	0s 21Deg 22'	4s 19Deg 15'	0s 26Deg 48'	7s 20Deg 16'	4s 25Deg 32'	4s 24Deg 16'	19N 23	0S 10	12	S 11	
18/05/16	3h 46 min 24	1s 3Deg 24' 18"	5s 20Deg 54' 59"	7s 9Deg 13'	0s 21Deg 0'	4s 19Deg 16'	0s 28Deg 2'	7s 20Deg 12'	4s 25Deg 29'	4s 24Deg 12'	19N 36	3S 54	13	S 12	
19/05/16	3h 50 min 21	1s 4Deg 22' 4"	6s 2Deg 43' 6"	7s 8Deg 53'	0s 20Deg 43'	4s 19Deg 18'	0s 29Deg 16'	7s 20Deg 8'	4s 25Deg 23'	4s 24Deg 9'	19N 49	7S 28	14	S 13	
20/05/16	3h 54 min 17	1s 5Deg 19' 47"	6s 14Deg 33' 47"	7s 8Deg 33'	0s 20Deg 29'	4s 19Deg 20'	1s 0Deg 29'	7s 20Deg 4'	4s 25Deg 15'	4s 24Deg 6'	20N 1	10S 45	15	S 14	
21/05/16	3h 58 min 14	1s 6Deg 17' 30"	6s 26Deg 29' 31"	7s 8Deg 12'	0s 20Deg 20'	4s 19Deg 22'	1s 1Deg 43'	7s 20Deg 0'	4s 25Deg 5'	4s 24Deg 3'	20N 14	13S 38	16	Poornima	
22/05/16	4h 2 min 10	1s 7Deg 15' 11"	7s 8Deg 32' 3"	7s 7Deg 52'	0s 20Deg 15'	4s 19Deg 24'	1s 2Deg 57'	7s 19Deg 55'	4s 24Deg 52'	4s 24Deg 0'	20N 26	15S 57	17	K 1	
23/05/16	4h 6 min 7	1s 8Deg 12' 51"	7s 20Deg 42' 37"	7s 7Deg 31'	0s 20Deg 15'	4s 19Deg 26'	1s 4Deg 11'	7s 19Deg 51'	4s 24Deg 40'	4s 23Deg 57'	20N 37	17S 36	18	K 2	
24/05/16	4h 10 min 3	1s 9Deg 10' 29"	8s 3Deg 2' 9"	7s 7Deg 10'	0s 20Deg 19'	4s 19Deg 29'	1s 5Deg 24'	7s 19Deg 47'	4s 24Deg 27'	4s 23Deg 53'	20N 48	18S 27	19	K 2	
25/05/16	4h 14 min 0	1s 10Deg 8' 7"	8s 15Deg 31' 27"	7s 6Deg 49'	0s 20Deg 28'	4s 19Deg 31'	1s 6Deg 38'	7s 19Deg 42'	4s 24Deg 16'	4s 23Deg 50'	20N 59	18S 25	20	K 3	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
26/05/16	4h 17 min 56	1s 11Deg 5' 43"	8s 28Deg 11' 36"	7s 6Deg 28'	0s 20Deg 42'	4s 19Deg 34'	1s 7Deg 52'	7s 19Deg 38'	4s 24Deg 8'	4s 23Deg 47'	21N 10	17S 29	21	K 4	
27/05/16	4h 21 min 53	1s 12Deg 3' 18"	9s 11Deg 3' 58"	7s 6Deg 7'	0s 20Deg 59'	4s 19Deg 37'	1s 9Deg 6'	7s 19Deg 34'	4s 24Deg 2'	4s 23Deg 44'	21N 20	15S 38	22	K 5	
28/05/16	4h 25 min 50	1s 13Deg 0' 53"	9s 24Deg 0' 22"	7s 5Deg 46'	0s 21Deg 21'	4s 19Deg 40'	1s 10Deg 19'	7s 19Deg 29'	4s 23Deg 59'	4s 23Deg 41'	21N 30	12S 58	23	K 6	
29/05/16	4h 29 min 46	1s 13Deg 58' 26"	10s 7Deg 32' 54"	7s 5Deg 25'	0s 21Deg 48'	4s 19Deg 44'	1s 11Deg 33'	7s 19Deg 25'	4s 23Deg 58'	4s 23Deg 37'	21N 39	9S 33	24	K 7	
30/05/16	4h 33 min 43	1s 14Deg 55' 59"	10s 21Deg 13' 39"	7s 5Deg 4'	0s 22Deg 19'	4s 19Deg 47'	1s 12Deg 47'	7s 19Deg 20'	4s 23Deg 58'	4s 23Deg 34'	21N 48	5S 34	25	K 9	
31/05/16	4h 37 min 39	1s 15Deg 53' 31"	11s 5Deg 14' 4"	7s 4Deg 44'	0s 22Deg 53'	4s 19Deg 51'	1s 14Deg 1'	7s 19Deg 16'	4s 23Deg 57'	4s 23Deg 31'	21N 57	1S 11	26	K 10	
01/06/16	4h 41 min 36	1s 16Deg 51' 2"	11s 19Deg 34' 18"	7s 4Deg 23'	0s 23Deg 32'	4s 19Deg 55'	1s 15Deg 14'	7s 19Deg 12'	4s 23Deg 56'	4s 23Deg 28'	22N 5	3N 23	27	K 11	
02/06/16	4h 45 min 32	1s 17Deg 48' 32"	0s 4Deg 12' 27"	7s 4Deg 3'	0s 24Deg 15'	4s 19Deg 59'	1s 16Deg 28'	7s 19Deg 7'	4s 23Deg 52'	4s 23Deg 25'	22N 13	7N 49	1	K 12	
03/06/16	4h 49 min 29	1s 18Deg 46' 2"	0s 19Deg 3' 59"	7s 3Deg 44'	0s 25Deg 1'	4s 20Deg 3'	1s 17Deg 42'	7s 19Deg 3'	4s 23Deg 45'	4s 23Deg 22'	22N 20	11N 51	2	K 13	
04/06/16	4h 53 min 25	1s 19Deg 43' 31"	1s 4Deg 1' 50"	7s 3Deg 25'	0s 25Deg 51'	4s 20Deg 7'	1s 18Deg 56'	7s 18Deg 58'	4s 23Deg 36'	4s 23Deg 18'	22N 27	15N 8	3	K 14	
05/06/16	4h 57 min 22	1s 20Deg 40' 58"	1s 18Deg 57' 9"	7s 3Deg 6'	0s 26Deg 45'	4s 20Deg 12'	1s 20Deg 9'	7s 18Deg 54'	4s 23Deg 25'	4s 23Deg 15'	22N 34	17N 24	4	Amavasya	
06/06/16	5h 1 min 19	1s 21Deg 38' 25"	2s 3Deg 40' 41"	7s 2Deg 48'	0s 27Deg 43'	4s 20Deg 16'	1s 21Deg 23'	7s 18Deg 49'	4s 23Deg 14'	4s 23Deg 12'	22N 40	18N 29	5	S 2	
07/06/16	5h 5 min 15	1s 22Deg 35' 51"	2s 18Deg 4' 25"	7s 2Deg 30'	0s 28Deg 43'	4s 20Deg 21'	1s 22Deg 37'	7s 18Deg 45'	4s 23Deg 3'	4s 23Deg 9'	22N 46	18N 21	6	S 3	
08/06/16	5h 9 min 12	1s 23Deg 33' 16"	3s 2Deg 2' 52"	7s 2Deg 13'	0s 29Deg 47'	4s 20Deg 26'	1s 23Deg 51'	7s 18Deg 40'	4s 22Deg 55'	4s 23Deg 6'	22N 52	17N 5	7	S 4	
09/06/16	5h 13 min 8	1s 24Deg 30' 40"	3s 15Deg 33' 35"	7s 1Deg 56'	1s 0Deg 55'	4s 20Deg 31'	1s 24Deg 5'	7s 18Deg 36'	4s 22Deg 49'	4s 23Deg 2'	22N 57	14N 53	8	S 5	
10/06/16	5h 17 min 5	1s 25Deg 28' 3"	3s 28Deg 37' 2"	7s 1Deg 40'	1s 2Deg 6'	4s 20Deg 36'	1s 26Deg 18'	7s 18Deg 32'	4s 22Deg 45'	4s 22Deg 59'	23N 2	11N 59	9	S 6	
11/06/16	5h 21 min 1	1s 26Deg 25' 25"	4s 11Deg 15' 59"	7s 1Deg 25'	1s 3Deg 19'	4s 20Deg 42'	1s 27Deg 32'	7s 18Deg 27'	4s 22Deg 44'	4s 22Deg 56'	23N 6	8N 37	10	S 7	
12/06/16	5h 24 min 58	1s 27Deg 22' 46"	4s 23Deg 34' 43"	7s 1Deg 10'	1s 4Deg 36'	4s 20Deg 47'	1s 28Deg 45'	7s 18Deg 23'	4s 22Deg 43'	4s 22Deg 53'	23N 10	4N 57	11	S 8	
13/06/16	5h 28 min 54	1s 28Deg 20' 6"	5s 5Deg 38' 22"	7s 0Deg 56'	1s 5Deg 56'	4s 20Deg 53'	1s 29Deg 59'	7s 18Deg 18'	4s 22Deg 43'	4s 22Deg 50'	23N 13	1N 9	12	S 9	
14/06/16	5h 32 min 51	1s 29Deg 17' 24"	5s 17Deg 32' 20"	7s 0Deg 43'	1s 7Deg 20'	4s 20Deg 59'	2s 1Deg 13'	7s 18Deg 14'	4s 22Deg 42'	4s 22Deg 47'	23N 16	2S 39	13	S 10	
15/06/16	5h 36 min 48	2s 0Deg 14' 42"	5s 29Deg 21' 49"	7s 0Deg 30'	1s 8Deg 46'	4s 21Deg 5'	2s 2Deg 27'	7s 18Deg 10'	4s 22Deg 39'	4s 22Deg 43'	23N 19	6S 18	14	S 10	
16/06/16	5h 40 min 44	2s 1Deg 12' 0"	6s 11Deg 11' 35"	7s 0Deg 18'	1s 10Deg 15'	4s 21Deg 11'	2s 3Deg 40'	7s 18Deg 6'	4s 22Deg 34'	4s 22Deg 40'	23N 21	9S 43	15	S 11	
17/06/16	5h 44 min 41	2s 2Deg 9' 16"	6s 23Deg 9' 16"	7s 0Deg 7'	1s 11Deg 47'	4s 21Deg 17'	2s 4Deg 54'	7s 18Deg 1'	4s 22Deg 26'	4s 22Deg 37'	23N 23	12S 45	16	S 12	
18/06/16	5h 48 min 37	2s 3Deg 6' 32"	7s 5Deg 7' 25"	6s 29Deg 57'	1s 13Deg 23'	4s 21Deg 24'	2s 6Deg 8'	7s 17Deg 57'	4s 22Deg 16'	4s 22Deg 34'	23N 24	15S 18	17	S 13	
19/06/16	5h 52 min 34	2s 4Deg 3' 47"	7s 17Deg 18' 59"	6s 29Deg 48'	1s 15Deg 1'	4s 21Deg 30'	2s 7Deg 21'	7s 17Deg 53'	4s 22Deg 4'	4s 22Deg 31'	23N 25	17S 12	18	S 14	
20/06/16	5h 56 min 30	2s 5Deg 1' 1"	7s 29Deg 41' 46"	6s 29Deg 39'	1s 16Deg 42'	4s 21Deg 37'	2s 8Deg 35'	7s 17Deg 49'	4s 21Deg 51'	4s 22Deg 28'	23N 26	18S 20	18	Poornima	
21/06/16	6h 0 min 27	2s 5Deg 58' 15"	8s 12Deg 16' 22"	6s 29Deg 31'	1s 18Deg 26'	4s 21Deg 44'	2s 9Deg 49'	7s 17Deg 45'	4s 21Deg 38'	4s 22Deg 24'	23N 26	18S 36	19	K 1	
22/06/16	6h 4 min 23	2s 6Deg 55' 28"	8s 25Deg 2' 47"	6s 29Deg 24'	1s 20Deg 13'	4s 21Deg 51'	2s 11Deg 3'	7s 17Deg 41'	4s 21Deg 28'	4s 22Deg 21'	23N 26	17S 55	20	K 2	
23/06/16	6h 8 min 20	2s 7Deg 52' 41"	9s 8Deg 0' 45"	6s 29Deg 18'	1s 22Deg 2'	4s 21Deg 58'	2s 12Deg 16'	7s 17Deg 36'	4s 21Deg 19'	4s 22Deg 18'	23N 25	16S 19	21	K 3	
24/06/16	6h 12 min 17	2s 8Deg 49' 54"	9s 21Deg 10' 0"	6s 29Deg 13'	1s 23Deg 54'	4s 22Deg 5'	2s 13Deg 30'	7s 17Deg 32'	4s 21Deg 13'	4s 22Deg 15'	23N 24	13S 50	22	K 4	
25/06/16	6h 16 min 13	2s 9Deg 47' 7"	10s 4Deg 30' 35"	6s 29Deg 8'	1s 25Deg 49'	4s 22Deg 12'	2s 14Deg 44'	7s 17Deg 29'	4s 21Deg 10'	4s 22Deg 12'	23N 23	10S 36	23	K 5	
26/06/16	6h 20 min 10	2s 10Deg 44' 20"	10s 18Deg 2' 51"	6s 29Deg 4'	1s 27Deg 47'	4s 22Deg 20'	2s 15Deg 57'	7s 17Deg 25'	4s 21Deg 9'	4s 22Deg 8'	23N 21	6S 45	24	K 6	
27/06/16	6h 24 min 6	2s 11Deg 41' 32"	11s 1Deg 47' 28"	6s 29Deg 1'	1s 29Deg 46'	4s 22Deg 27'	2s 17Deg 11'	7s 17Deg 21'	4s 21Deg 9'	4s 22Deg 5'	23N 19	2S 30	25	K 7	
28/06/16	6h 28 min 3	2s 12Deg 38' 45"	11s 15Deg 44' 55"	6s 28Deg 59'	2s 1Deg 48'	4s 22Deg 35'	2s 18Deg 25'	7s 17Deg 17'	4s 21Deg 9'	4s 22Deg 2'	23N 16	1N 57	26	K 8	
29/06/16	6h 31 min 59	2s 13Deg 35' 58"	11s 29Deg 55' 9"	6s 28Deg 58'	2s 3Deg 52'	4s 22Deg 43'	2s 19Deg 39'	7s 17Deg 13'	4s 21Deg 8'	4s 21Deg 59'	23N 13	6N 21	27	K 9	
30/06/16	6h 35 min 56	2s 14Deg 33' 11"	0s 14Deg 16' 54"	6s 28Deg 58'	2s 5Deg 57'	4s 22Deg 51'	2s 20Deg 52'	7s 17Deg 9'	4s 21Deg 5'	4s 21Deg 56'	23N 9	10N 27	2	K 10	
01/07/16	6h 39 min 52	2s 15Deg 30' 24"	0s 28Deg 47' 19"	6s 28Deg 58'	2s 8Deg 5'	4s 22Deg 59'	2s 22Deg 6'	7s 17Deg 6'	4s 21Deg 0'	4s 21Deg 53'	23N 5	13N 57	3	K 12	
02/07/16	6h 43 min 49	2s 16Deg 27' 37"	1s 13Deg 21' 40"	6s 29Deg 59'	2s 10Deg 13'	4s 23Deg 7'	2s 23Deg 10'	7s 17Deg 2'	4s 20Deg 52'	4s 21Deg 49'	23N 1	16N 36	4	K 13	
03/07/16	6h 47 min 46	2s 17Deg 24' 50"	1s 27Deg 53' 49"	6s 29Deg 2'	2s 12Deg 22'	4s 23Deg 15'	2s 24Deg 33'	7s 16Deg 59'	4s 20Deg 43'	4s 21Deg 46'	22N 56	18N 11	5	K 14	
04/07/16	6h 51 min 42	2s 18Deg 22' 4"	2s 12Deg 16' 58"	6s 29Deg 4'	2s 14Deg 32'	4s 23Deg 24'	2s 25Deg 47'	7s 16Deg 55'	4s 20Deg 33'	4s 21Deg 43'	22N 51	18N 35	6	Amavasya	
05/07/16	6h 55 min 39	2s 19Deg 19' 17"	2s 26Deg 24' 43"	6s 29Deg 8'	2s 16Deg 42'	4s 23Deg 32'	2s 27Deg 1'	7s 16Deg 52'	4s 20Deg 24'	4s 21Deg 40'	22N 46	17N 49	7	S 1	
06/07/16	6h 59 min 35	2s 20Deg 16' 30"	3s 10Deg 12' 8"	6s 29Deg 13'	2s 18Deg 53'	4s 23Deg 41'	2s 28Deg 15'	7s 16Deg 48'	4s 20Deg 17'	4s 21Deg 37'	22N 40	16N 0	8	S 2	
07/07/16	7h 3 min 32	2s 21Deg 13' 44"	3s 23Deg 36' 26"	6s 29Deg 18'	2s 21Deg 3'	4s 23Deg 49'	2s 29Deg 28'	7s 16Deg 45'	4s 20Deg 12'	4s 21Deg 33'	22N 33	13N 21	9	S 3	
08/07/16	7h 7 min 28	2s 22Deg 10' 57"	4s 6Deg 37' 6"	6s 29Deg 24'	2s 23Deg 13'	4s 23Deg 58'	3s 0Deg 42'	7s 16Deg 42'	4s 20Deg 9'	4s 21Deg 30'	22N 27	10N 6	10	S 4	
09/07/16	7h 11 min 25	2s 23Deg 8' 10"	4s 19Deg 51' 42"	6s 29Deg 31'	2s 25Deg 22'	4s 24Deg 7'	3s 1Deg 56'	7s 16Deg 39'	4s 20Deg 8'	4s 21Deg 27'	22N 20	6N 28	11	S 5	
10/07/16	7h 15 min 21	2s 24Deg 5' 23"	5s 1Deg 35' 27"	6s 29Deg 38'	2s 27Deg 30'	4s 24Deg 16'	3s 2Deg 10'	7s 16Deg 36'	4s 20Deg 8'	4s 21Deg 24'	22N 12	2N 39	12	S 6	
11/07/16	7h 19 min 18	2s 25Deg 2' 36"	5s 13Deg 40' 39"	6s 29Deg 47'	2s 29Deg 37'	4s 24Deg 25'	3s 4Deg 23'	7s 16Deg 33'	4s 20Deg 9'	4s 21Deg 21'	22N 4	1S 12	13	S 7	
12/07/16	7h 23 min 15	2s 25Deg 59' 49"	5s 25Deg 36' 16"	6s 29Deg 56'	3s 1Deg 43'	4s 24Deg 35'	3s 5Deg 37'	7s 16Deg 30'	4s 20Deg 10'	4s 21Deg 18'	21N 56	4S 57	14	S 8	
13/07/16	7h 27 min 11	2s 26Deg 57' 2"	6s 7Deg 27' 28"	7s 0Deg 6'	3s 3Deg 47'	4s 24Deg 44'	3s 6Deg 51'	7s 16Deg 27'	4s 20Deg 9'	4s 21Deg 14'	21N 47	8S 28	15	S 9	
14/07/16	7h 31 min 8	2s 27Deg 54' 14"	6s 19Deg 19' 21"	7s 0Deg 16'	3s 5Deg 50'	4s 24Deg 53'	3s 8Deg 5'	7s 16Deg 24'	4s 20Deg 6'	4s 21Deg 11'	21N 39	11S 39	15	S 10	
15/07/16	7h 35 min 4	2s 28Deg 51' 27"	7s 1Deg 16' 33"	7s 0Deg 28'	3s 7Deg 52'	4s 25Deg 3'	3s 9Deg 18'	7s 16Deg 22'	4s 20Deg 2'	4s 21Deg 8'	21N 29	14S 23	16	S 11	
16/07/16	7h 39 min 1	2s 29Deg 48' 40"	7s 13Deg 23' 7"	7s 0Deg 40'	3s 9Deg 51'	4s 25Deg 13'	3s 10Deg 32'	7s 16Deg 19'	4s 19Deg 56'	4s 21Deg 5'	21N 19	16S 32	17	S 12	
17/07/16	7h 42 min 57	3s 0Deg 45' 53"	7s 25Deg 42' 11"	7s 0Deg 52'	3s 11Deg 50'	4s 25Deg 22'	3s 11Deg 46'	7s 16Deg 16'	4s 19Deg 48'	4s 21Deg 2'	21N 9	17S 58	18	S 13	
18/07/16	7h 46 min 54	3s 1Deg 43' 7"	8s 8Deg 15' 52"	7s 1Deg 6'	3s 13Deg 46'	4s 25Deg 32'	3s 13Deg 0'	7s 16Deg 14'	4s 19Deg 40'	4s 20Deg 58'	20N 59	18S 34	19	S 14	
19/07/16	7h 50 min 50	3s 2Deg 40' 21"	8s 21Deg 5' 10"	7s 1Deg 20'	3s 15Deg 40'	4s 25Deg 42'	3s 14Deg 13'	7s 16Deg 12'	4s 19Deg 31'	4s 20Deg 55'	20N 48	18S 14	20	Poornima	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
20/07/16	7h 54 min 47	3s 3Deg 37' 35"	9s 4Deg 9' 58"	7s 1Deg 34'	3s 17Deg 33'	4s 25Deg 52'	3s 15Deg 27'	7s 16Deg 9'	4s 19Deg 24'	4s 20Deg 52'	20N 37	16S 56	21	K 1	
21/07/16	7h 58 min 44	3s 4Deg 34' 49"	9s 17Deg 29' 16"	7s 1Deg 49'	3s 19Deg 24'	4s 26Deg 2'	3s 16Deg 41'	7s 16Deg 7'	4s 19Deg 19'	4s 20Deg 49'	20N 26	14S 42	22	K 2	
22/07/16	8h 2 min 40	3s 5Deg 32' 5"	10s 1Deg 1' 25"	7s 2Deg 5'	3s 21Deg 13'	4s 26Deg 12'	3s 17Deg 55'	7s 16Deg 5'	4s 19Deg 15'	4s 20Deg 46'	20N 14	11S 37	23	K 3	
23/07/16	8h 6 min 37	3s 6Deg 29' 21"	10s 14Deg 44' 32"	7s 2Deg 22'	3s 23Deg 1'	4s 26Deg 23'	3s 19Deg 8'	7s 16Deg 3'	4s 19Deg 14'	4s 20Deg 43'	20N 2	7S 53	24	K 4	
24/07/16	8h 10 min 33	3s 7Deg 26' 37"	10s 28Deg 36' 43"	7s 2Deg 39'	3s 24Deg 46'	4s 26Deg 33'	3s 20Deg 22'	7s 16Deg 1'	4s 19Deg 14'	4s 20Deg 39'	19N 49	3S 40	25	K 5	
25/07/16	8h 14 min 30	3s 8Deg 23' 55"	11s 12Deg 36' 18"	7s 2Deg 56'	3s 26Deg 30'	4s 26Deg 43'	3s 21Deg 36'	7s 15Deg 59'	4s 19Deg 15'	4s 20Deg 36'	19N 36	0N 46	26	K 6	
26/07/16	8h 18 min 26	3s 9Deg 21' 13"	11s 26Deg 41' 50"	7s 3Deg 15'	3s 28Deg 12'	4s 26Deg 54'	3s 22Deg 49'	7s 15Deg 57'	4s 19Deg 17'	4s 20Deg 33'	19N 23	5N 11	27	K 7	
27/07/16	8h 22 min 23	3s 10Deg 18' 33"	0s 10Deg 51' 51"	7s 3Deg 33'	3s 29Deg 53'	4s 27Deg 4'	3s 24Deg 3'	7s 15Deg 56'	4s 19Deg 17'	4s 20Deg 30'	19N 10	9N 20	1	K 8	
28/07/16	8h 26 min 19	3s 11Deg 15' 53"	0s 25Deg 4' 42"	7s 3Deg 53'	4s 1Deg 31'	4s 27Deg 15'	3s 25Deg 17'	7s 15Deg 54'	4s 19Deg 16'	4s 20Deg 27'	18N 56	12N 57	2	K 9	
29/07/16	8h 30 min 16	3s 12Deg 13' 15"	1s 9Deg 18' 11"	7s 4Deg 13'	4s 3Deg 8'	4s 27Deg 26'	3s 26Deg 31'	7s 15Deg 52'	4s 19Deg 14'	4s 20Deg 24'	18N 42	15N 49	3	K 10	
30/07/16	8h 34 min 13	3s 13Deg 10' 37"	1s 23Deg 29' 27"	7s 4Deg 33'	4s 4Deg 43'	4s 27Deg 37'	3s 27Deg 44'	7s 15Deg 51'	4s 19Deg 10'	4s 20Deg 20'	18N 27	17N 43	5	K 11	
31/07/16	8h 38 min 9	3s 14Deg 8' 1"	2s 7Deg 35' 0"	7s 4Deg 54'	4s 6Deg 16'	4s 27Deg 48'	3s 28Deg 58'	7s 15Deg 50'	4s 19Deg 5'	4s 20Deg 17'	18N 12	18N 31	6	K 12	
01/08/16	8h 42 min 6	3s 15Deg 5' 25"	2s 21Deg 31' 6"	7s 5Deg 16'	4s 7Deg 48'	4s 27Deg 58'	4s 0Deg 12'	7s 15Deg 48'	4s 19Deg 0'	4s 20Deg 14'	17N 57	18N 10	7	K 14	
02/08/16	8h 46 min 2	3s 16Deg 2' 51"	3s 5Deg 14' 6"	7s 5Deg 38'	4s 9Deg 17'	4s 28Deg 10'	4s 1Deg 26'	7s 15Deg 47'	4s 18Deg 55'	4s 20Deg 11'	17N 42	16N 46	8	Amavasya	
03/08/16	8h 49 min 59	3s 17Deg 0' 17"	3s 18Deg 41' 1"	7s 5Deg 0'	4s 10Deg 45'	4s 28Deg 21'	4s 2Deg 39'	7s 15Deg 46'	4s 18Deg 55'	4s 20Deg 8'	17N 27	14N 28	9	S 1	
04/08/16	8h 53 min 55	3s 17Deg 57' 45"	4s 1Deg 49' 58"	7s 6Deg 23'	4s 12Deg 12'	4s 28Deg 32'	4s 3Deg 53'	7s 15Deg 45'	4s 18Deg 48'	4s 20Deg 4'	17N 11	11N 26	10	S 2	
05/08/16	8h 57 min 52	3s 18Deg 55' 13"	4s 14Deg 40' 22"	7s 6Deg 47'	4s 13Deg 36'	4s 28Deg 43'	4s 5Deg 7'	7s 15Deg 44'	4s 18Deg 47'	4s 20Deg 1'	16N 55	7N 56	11	S 3	
06/08/16	9h 1 min 48	3s 19Deg 52' 42"	4s 27Deg 13' 2"	7s 7Deg 10'	4s 14Deg 58'	4s 28Deg 54'	4s 6Deg 21'	7s 15Deg 44'	4s 18Deg 47'	4s 19Deg 58'	16N 38	4N 9	12	S 4	
07/08/16	9h 5 min 45	3s 20Deg 50' 12"	5s 9Deg 30' 3"	7s 7Deg 35'	4s 16Deg 19'	4s 29Deg 6'	4s 7Deg 34'	7s 15Deg 43'	4s 18Deg 49'	4s 19Deg 55'	16N 21	0N 16	12	S 5	
08/08/16	9h 9 min 42	3s 21Deg 47' 43"	5s 21Deg 34' 33"	7s 8Deg 0'	4s 17Deg 38'	4s 29Deg 17'	4s 8Deg 48'	7s 15Deg 42'	4s 18Deg 50'	4s 19Deg 52'	16N 4	3S 33	13	S 5	
09/08/16	9h 13 min 38	3s 22Deg 45' 15"	6s 3Deg 30' 30"	7s 8Deg 25'	4s 18Deg 54'	4s 29Deg 29'	4s 10Deg 2'	7s 15Deg 42'	4s 18Deg 52'	4s 19Deg 49'	15N 47	7S 10	14	S 6	
10/08/16	9h 17 min 35	3s 23Deg 42' 47"	6s 15Deg 22' 23"	7s 8Deg 51'	4s 20Deg 9'	4s 29Deg 40'	4s 11Deg 15'	7s 15Deg 42'	4s 18Deg 53'	4s 19Deg 45'	15N 30	10S 29	15	S 7	
11/08/16	9h 21 min 31	3s 24Deg 40' 21"	6s 29Deg 14' 58"	7s 9Deg 17'	4s 21Deg 21'	4s 29Deg 52'	4s 12Deg 29'	7s 15Deg 41'	4s 18Deg 53'	4s 19Deg 42'	15N 12	13S 23	16	S 8	
12/08/16	9h 25 min 28	3s 25Deg 37' 55"	7s 9Deg 13' 4"	7s 9Deg 44'	4s 22Deg 32'	5s 0Deg 3'	4s 13Deg 43'	7s 15Deg 41'	4s 18Deg 52'	4s 19Deg 39'	14N 54	15S 44	17	S 9	
13/08/16	9h 29 min 24	3s 26Deg 35' 30"	7s 21Deg 21' 13"	7s 10Deg 11'	4s 23Deg 40'	5s 0Deg 15'	4s 14Deg 56'	7s 15Deg 41'	4s 18Deg 51'	4s 19Deg 36'	14N 36	17S 26	18	S 10	
14/08/16	9h 33 min 21	3s 27Deg 33' 6"	8s 3Deg 43' 28"	7s 10Deg 38'	4s 24Deg 46'	5s 0Deg 27'	4s 16Deg 10'	7s 15Deg 41'	4s 18Deg 48'	4s 19Deg 33'	14N 17	18S 21	19	S 11	
15/08/16	9h 37 min 17	3s 28Deg 30' 43"	8s 16Deg 23' 2"	7s 11Deg 6'	4s 25Deg 49'	5s 0Deg 39'	4s 17Deg 24'	7s 15Deg 41'	4s 18Deg 45'	4s 19Deg 29'	13N 59	18S 23	20	S 12	
16/08/16	9h 41 min 14	3s 29Deg 28' 21"	8s 29Deg 21' 59"	7s 11Deg 34'	4s 26Deg 50'	5s 0Deg 51'	4s 18Deg 37'	7s 15Deg 41'	4s 18Deg 42'	4s 19Deg 26'	13N 40	17S 28	21	S 13	
17/08/16	9h 45 min 11	4s 0Deg 26' 1"	9s 12Deg 41' 5"	7s 12Deg 2'	4s 27Deg 48'	5s 1Deg 3'	4s 19Deg 51'	7s 15Deg 42'	4s 18Deg 40'	4s 19Deg 23'	13N 21	15S 35	22	S 14	
18/08/16	9h 49 min 7	4s 1Deg 23' 41"	9s 26Deg 19' 32"	7s 12Deg 31'	4s 28Deg 43'	5s 1Deg 15'	4s 21Deg 5'	7s 15Deg 42'	4s 18Deg 38'	4s 19Deg 20'	13N 1	12S 47	23	Poornima	
19/08/16	9h 53 min 4	4s 2Deg 21' 23"	10s 10Deg 15' 8"	7s 13Deg 1'	4s 29Deg 35'	5s 1Deg 27'	4s 22Deg 18'	7s 15Deg 42'	4s 18Deg 37'	4s 19Deg 17'	12N 42	9S 12	24	K 1	
20/08/16	9h 57 min 0	4s 3Deg 19' 6"	10s 24Deg 24' 26"	7s 13Deg 30'	5s 0Deg 24'	5s 1Deg 39'	4s 23Deg 32'	7s 15Deg 43'	4s 18Deg 37'	4s 19Deg 14'	12N 22	5S 2	25	K 2	
21/08/16	10h 0 min 57	4s 4Deg 16' 51"	11s 8Deg 43' 12"	7s 14Deg 0'	5s 1Deg 10'	5s 1Deg 51'	4s 24Deg 46'	7s 15Deg 44'	4s 18Deg 38'	4s 19Deg 10'	12N 2	0S 33	26	K 3	
22/08/16	10h 4 min 53	4s 5Deg 14' 37"	11s 23Deg 6' 54"	7s 14Deg 30'	5s 1Deg 52'	5s 2Deg 3'	4s 25Deg 59'	7s 15Deg 45'	4s 18Deg 39'	4s 19Deg 7'	11N 42	3N 59	27	K 4	
23/08/16	10h 8 min 50	4s 6Deg 12' 25"	0s 7Deg 31' 9"	7s 15Deg 1'	5s 2Deg 31'	5s 2Deg 15'	4s 27Deg 13'	7s 15Deg 45'	4s 18Deg 40'	4s 19Deg 4'	11N 22	8N 18	1	K 6	
24/08/16	10h 12 min 46	4s 7Deg 10' 15"	0s 21Deg 52' 8"	7s 15Deg 32'	5s 3Deg 6'	5s 2Deg 27'	4s 28Deg 26'	7s 15Deg 46'	4s 18Deg 40'	4s 19Deg 1'	11N 2	12N 6	2	K 7	
25/08/16	10h 16 min 43	4s 8Deg 8' 6"	1s 6Deg 6' 41"	7s 16Deg 3'	5s 3Deg 36'	5s 2Deg 40'	4s 29Deg 40'	7s 15Deg 47'	4s 18Deg 41'	4s 18Deg 58'	10N 41	15N 9	3	K 8	
26/08/16	10h 20 min 40	4s 9Deg 5' 59"	1s 20Deg 12' 26"	7s 16Deg 35'	5s 4Deg 3'	5s 2Deg 52'	5s 0Deg 53'	7s 15Deg 49'	4s 18Deg 41'	4s 18Deg 54'	10N 20	17N 16	4	K 9	
27/08/16	10h 24 min 36	4s 10Deg 3' 55"	2s 4Deg 7' 35"	7s 17Deg 7'	5s 4Deg 24'	5s 3Deg 4'	5s 2Deg 7'	7s 15Deg 50'	4s 18Deg 40'	4s 18Deg 51'	9N 59	18N 20	5	K 10	
28/08/16	10h 28 min 33	4s 11Deg 1' 51"	2s 17Deg 50' 50"	7s 17Deg 39'	5s 4Deg 41'	5s 3Deg 17'	5s 3Deg 21'	7s 15Deg 51'	4s 18Deg 39'	4s 18Deg 48'	9N 38	18N 18	6	K 11	
29/08/16	10h 32 min 29	4s 11Deg 59' 50"	3s 1Deg 21' 14"	7s 18Deg 11'	5s 4Deg 52'	5s 3Deg 29'	5s 4Deg 34'	7s 15Deg 53'	4s 18Deg 38'	4s 18Deg 45'	9N 17	17N 14	7	K 12	
30/08/16	10h 36 min 26	4s 12Deg 57' 51"	3s 14Deg 38' 3"	7s 18Deg 44'	5s 4Deg 58'	5s 4Deg 42'	5s 5Deg 48'	7s 15Deg 54'	4s 18Deg 38'	4s 18Deg 42'	8N 55	15N 13	8	K 13	
31/08/16	10h 40 min 22	4s 13Deg 55' 53"	3s 27Deg 40' 52"	7s 19Deg 17'	5s 4Deg 58'	5s 3Deg 54'	5s 7Deg 1'	7s 15Deg 56'	4s 18Deg 37'	4s 18Deg 39'	8N 34	12N 27	9	K 14	
01/09/16	10h 44 min 19	4s 14Deg 53' 57"	4s 10Deg 29' 35"	7s 19Deg 51'	5s 4Deg 53'	5s 4Deg 7'	5s 8Deg 15'	7s 15Deg 58'	4s 18Deg 37'	4s 18Deg 35'	8N 12	9N 8	10	Amavasya	
02/09/16	10h 48 min 15	4s 15Deg 52' 2"	4s 23Deg 4' 29"	7s 20Deg 24'	5s 4Deg 41'	5s 4Deg 19'	5s 9Deg 28'	7s 15Deg 59'	4s 18Deg 37'	4s 18Deg 32'	7N 50	5N 27	11	S 1	
03/09/16	10h 52 min 12	4s 16Deg 50' 9"	5s 5Deg 26' 25"	7s 20Deg 58'	5s 4Deg 23'	5s 4Deg 32'	5s 10Deg 42'	7s 16Deg 1'	4s 18Deg 37'	4s 18Deg 29'	7N 28	1N 36	12	S 2	
04/09/16	10h 56 min 9	4s 17Deg 48' 18"	5s 17Deg 36' 50"	7s 21Deg 32'	5s 3Deg 58'	5s 4Deg 45'	5s 11Deg 55'	7s 16Deg 3'	4s 18Deg 37'	4s 18Deg 26'	7N 6	2S 16	13	S 3	
05/09/16	11h 0 min 5	4s 18Deg 46' 29"	5s 29Deg 37' 51"	7s 22Deg 7'	5s 3Deg 28'	5s 4Deg 57'	5s 13Deg 9'	7s 16Deg 5'	4s 18Deg 37'	4s 18Deg 23'	6N 44	5S 59	14	S 4	
06/09/16	11h 4 min 2	4s 19Deg 44' 40"	6s 11Deg 32' 14"	7s 22Deg 41'	5s 2Deg 51'	5s 5Deg 10'	5s 14Deg 22'	7s 16Deg 8'	4s 18Deg 37'	4s 18Deg 20'	6N 21	9S 25	15	S 5	
07/09/16	11h 7 min 58	4s 20Deg 42' 54"	6s 23Deg 23' 23"	7s 23Deg 16'	5s 2Deg 9'	5s 5Deg 23'	5s 15Deg 36'	7s 16Deg 10'	4s 18Deg 37'	4s 18Deg 16'	5N 59	12S 27	16	S 6	
08/09/16	11h 11 min 55	4s 21Deg 41' 9"	7s 5Deg 15' 13"	7s 23Deg 52'	5s 1Deg 21'	5s 5Deg 35'	5s 16Deg 49'	7s 16Deg 12'	4s 18Deg 37'	4s 18Deg 13'	5N 37	14S 59	17	S 7	
09/09/16	11h 15 min 51	4s 22Deg 39' 25"	7s 17Deg 12' 3"	7s 24Deg 27'	5s 0Deg 28'	5s 5Deg 48'	5s 18Deg 3'	7s 16Deg 15'	4s 18Deg 36'	4s 18Deg 10'	5N 14	16S 54	18	S 8	
10/09/16	11h 19 min 48	4s 23Deg 37' 43"	7s 29Deg 18' 25"	7s 25Deg 3'	4s 29Deg 32'	5s 6Deg 1'	5s 19Deg 16'	7s 16Deg 17'	4s 18Deg 36'	4s 18Deg 7'	4N 51	18S 5	18	S 8	
11/09/16	11h 23 min 44	4s 24Deg 36' 3"	8s 11Deg 38' 51"	7s 25Deg 39'	4s 28Deg 33'	5s 6Deg 14'	5s 20Deg 29'	7s 16Deg 20'	4s 18Deg 37'	4s 18Deg 4'	4N 28	18S 27	19	S 9	
12/09/16	11h 27 min 41	4s 25Deg 34' 24"	8s 24Deg 17' 32"	7s 26Deg 15'	4s 27Deg 32'	5s 6Deg 27'	5s 21Deg 43'	7s 16Deg 23'	4s 18Deg 37'	4s 18Deg 0'	4N 6	17S 55	20	S 10	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
13/09/16	11h 31 min 37	4s 26Deg 32' 47"	9s 7Deg 17' 54"	7s 26Deg 51'	4s 26Deg 31'	5s 6Deg 39'	5s 22Deg 56'	7s 16Deg 26'	4s 18Deg 38'	4s 17Deg 57'	3N 43	16S 26	21	S 11	
14/09/16	11h 35 min 34	4s 27Deg 31' 11"	9s 20Deg 42' 14"	7s 27Deg 28'	4s 25Deg 30'	5s 6Deg 52'	5s 24Deg 10'	7s 16Deg 29'	4s 18Deg 39'	4s 17Deg 54'	3N 20	14S 1	22	S 12	
15/09/16	11h 39 min 31	4s 28Deg 29' 37"	10s 4Deg 31' 8"	7s 28Deg 4'	4s 24Deg 33'	5s 7Deg 5'	5s 25Deg 23'	7s 16Deg 32'	4s 18Deg 39'	4s 17Deg 51'	2N 57	10S 45	23	S 14	
16/09/16	11h 43 min 27	4s 29Deg 28' 5"	10s 18Deg 43' 6"	7s 28Deg 41'	4s 23Deg 39'	5s 7Deg 18'	5s 26Deg 36'	7s 16Deg 35'	4s 18Deg 40'	4s 17Deg 48'	2N 33	6S 45	24	Poornima	
17/09/16	11h 47 min 24	5s 0Deg 26' 34"	11s 3Deg 14' 23"	7s 29Deg 19'	4s 22Deg 50'	5s 7Deg 31'	5s 27Deg 49'	7s 16Deg 38'	4s 18Deg 39'	4s 17Deg 45'	2N 10	2S 17	25	K 1	
18/09/16	11h 51 min 20	5s 1Deg 25' 6"	11s 17Deg 59' 10"	7s 29Deg 56'	4s 22Deg 8'	5s 7Deg 44'	5s 29Deg 3'	7s 16Deg 41'	4s 18Deg 38'	4s 17Deg 41'	1N 47	2N 23	27	K 2	
19/09/16	11h 55 min 17	5s 2Deg 23' 39"	0s 2Deg 50' 13"	8s 0Deg 34'	4s 21Deg 34'	5s 7Deg 57'	6s 0Deg 16'	7s 16Deg 45'	4s 18Deg 37'	4s 17Deg 38'	1N 24	6N 57	1	K 3	
20/09/16	11h 59 min 13	5s 3Deg 22' 15"	0s 17Deg 39' 47"	8s 1Deg 11'	4s 21Deg 8'	5s 8Deg 10'	6s 1Deg 29'	7s 16Deg 48'	4s 18Deg 35'	4s 17Deg 35'	1N 1	11N 3	2	K 4	
21/09/16	12h 3 min 10	5s 4Deg 20' 53"	1s 2Deg 20' 48"	8s 1Deg 49'	4s 20Deg 51'	5s 8Deg 23'	6s 2Deg 42'	7s 16Deg 52'	4s 18Deg 33'	4s 17Deg 32'	0N 37	14N 26	3	K 5	
22/09/16	12h 7 min 6	5s 5Deg 19' 33"	1s 16Deg 47' 39"	8s 2Deg 27'	4s 20Deg 44'	5s 8Deg 36'	6s 3Deg 56'	7s 16Deg 55'	4s 18Deg 32'	4s 17Deg 29'	0N 14	16N 52	4	K 6	
23/09/16	12h 11 min 3	5s 6Deg 18' 15"	2s 0Deg 56' 46"	8s 2Deg 6'	4s 20Deg 46'	5s 8Deg 49'	6s 5Deg 9'	7s 16Deg 59'	4s 18Deg 31'	4s 17Deg 25'	0S 9	18N 12	5	K 8	
24/09/16	12h 15 min 0	5s 7Deg 17' 0"	2s 14Deg 46' 31"	8s 3Deg 44'	4s 20Deg 59'	5s 9Deg 2'	6s 6Deg 22'	7s 17Deg 3'	4s 18Deg 31'	4s 17Deg 22'	0S 33	18N 26	6	K 9	
25/09/16	12h 18 min 56	5s 8Deg 15' 47"	2s 28Deg 16' 56"	8s 4Deg 23'	4s 21Deg 21'	5s 9Deg 15'	6s 7Deg 35'	7s 17Deg 6'	4s 18Deg 32'	4s 17Deg 19'	0S 56	17N 35	7	K 10	
26/09/16	12h 22 min 53	5s 9Deg 14' 36"	3s 11Deg 29' 12"	8s 5Deg 2'	4s 21Deg 53'	5s 9Deg 27'	6s 8Deg 48'	7s 17Deg 10'	4s 18Deg 33'	4s 17Deg 16'	1S 20	15N 47	8	K 11	
27/09/16	12h 26 min 49	5s 10Deg 13' 27"	3s 24Deg 25' 7"	8s 5Deg 41'	4s 22Deg 34'	5s 9Deg 40'	6s 9Deg 2'	7s 17Deg 14'	4s 18Deg 35'	4s 17Deg 13'	1S 43	13N 13	9	K 12	
28/09/16	12h 30 min 46	5s 11Deg 12' 21"	4s 7Deg 6' 41"	8s 6Deg 20'	4s 23Deg 23'	5s 9Deg 53'	6s 11Deg 15'	7s 17Deg 18'	4s 18Deg 36'	4s 17Deg 10'	2S 6	10N 4	10	K 13	
29/09/16	12h 34 min 42	5s 12Deg 11' 16"	4s 19Deg 35' 52"	8s 7Deg 0'	4s 24Deg 21'	5s 10Deg 6'	6s 12Deg 28'	7s 17Deg 23'	4s 18Deg 37'	4s 17Deg 6'	2S 30	6N 30	11	K 14	
30/09/16	12h 38 min 39	5s 13Deg 10' 14"	5s 1Deg 54' 26"	8s 7Deg 39'	4s 25Deg 25'	5s 10Deg 19'	6s 13Deg 41'	7s 17Deg 27'	4s 18Deg 36'	4s 17Deg 3'	2S 53	2N 42	12	Amavasya	
01/10/16	12h 42 min 35	5s 14Deg 9' 14"	5s 14Deg 4' 0"	8s 8Deg 19'	4s 26Deg 36'	5s 10Deg 32'	6s 14Deg 54'	7s 17Deg 31'	4s 18Deg 34'	4s 17Deg 0'	3S 16	1S 10	13	Amavasya	
02/10/16	12h 46 min 32	5s 15Deg 8' 16"	5s 26Deg 6' 5"	8s 8Deg 59'	4s 27Deg 53'	5s 10Deg 45'	6s 16Deg 7'	7s 17Deg 36'	4s 18Deg 31'	4s 16Deg 57'	3S 39	4S 56	14	S 1	
03/10/16	12h 50 min 28	5s 16Deg 7' 20"	6s 8Deg 2' 18"	8s 9Deg 39'	4s 29Deg 15'	5s 10Deg 58'	6s 17Deg 20'	7s 17Deg 40'	4s 18Deg 26'	4s 16Deg 54'	4S 3	8S 29	15	S 2	
04/10/16	12h 54 min 25	5s 17Deg 6' 26"	6s 19Deg 54' 29"	8s 10Deg 19'	5s 0Deg 42'	5s 11Deg 11'	6s 18Deg 33'	7s 17Deg 45'	4s 18Deg 21'	4s 16Deg 50'	4S 26	11S 40	15	S 3	
05/10/16	12h 58 min 22	5s 18Deg 5' 33"	7s 1Deg 44' 55"	8s 10Deg 59'	5s 2Deg 12'	5s 11Deg 24'	6s 19Deg 46'	7s 17Deg 49'	4s 18Deg 16'	4s 16Deg 47'	4S 49	14S 22	16	S 4	
06/10/16	13h 2 min 18	5s 19Deg 4' 43"	7s 13Deg 36' 19"	8s 11Deg 40'	5s 3Deg 46'	5s 11Deg 37'	6s 20Deg 59'	7s 17Deg 54'	4s 18Deg 11'	4s 16Deg 44'	5S 12	16S 28	17	S 5	
07/10/16	13h 6 min 15	5s 20Deg 3' 54"	7s 25Deg 32' 2"	8s 12Deg 20'	5s 5Deg 22'	5s 11Deg 50'	6s 22Deg 12'	7s 17Deg 59'	4s 18Deg 7'	4s 16Deg 41'	5S 35	17S 53	18	S 6	
08/10/16	13h 10 min 11	5s 21Deg 3' 8"	8s 7Deg 35' 56"	8s 13Deg 1'	5s 7Deg 0'	5s 12Deg 3'	6s 23Deg 25'	7s 18Deg 3'	4s 18Deg 5'	4s 16Deg 38'	5S 58	18S 31	19	S 7	
09/10/16	13h 14 min 8	5s 22Deg 2' 23"	8s 19Deg 52' 16"	8s 13Deg 42'	5s 8Deg 41'	5s 12Deg 16'	6s 24Deg 38'	7s 18Deg 8'	4s 18Deg 4'	4s 16Deg 35'	6S 21	18S 18	20	S 8	
10/10/16	13h 18 min 4	5s 23Deg 1' 40"	9s 2Deg 25' 34"	8s 14Deg 23'	5s 10Deg 22'	5s 12Deg 29'	6s 25Deg 51'	7s 18Deg 13'	4s 18Deg 4'	4s 16Deg 31'	6S 43	17S 11	21	S 9	
11/10/16	13h 22 min 1	5s 24Deg 0' 58"	9s 15Deg 20' 12"	8s 15Deg 4'	5s 12Deg 5'	5s 12Deg 42'	6s 27Deg 4'	7s 18Deg 18'	4s 18Deg 5'	4s 16Deg 28'	7S 6	15S 10	22	S 10	
12/10/16	13h 25 min 57	5s 25Deg 0' 18"	9s 28Deg 39' 54"	8s 15Deg 45'	5s 13Deg 48'	5s 12Deg 54'	6s 28Deg 16'	7s 18Deg 23'	4s 18Deg 7'	4s 16Deg 25'	7S 29	12S 17	23	S 11	
13/10/16	13h 29 min 54	5s 25Deg 59' 40"	10s 12Deg 27' 5"	8s 16Deg 27'	5s 15Deg 32'	5s 13Deg 7'	6s 29Deg 29'	7s 18Deg 28'	4s 18Deg 8'	4s 16Deg 22'	7S 51	8S 38	24	S 12	
14/10/16	13h 33 min 51	5s 26Deg 59' 4"	10s 26Deg 42' 7"	8s 17Deg 8'	5s 17Deg 16'	5s 13Deg 20'	7s 0Deg 42'	7s 18Deg 34'	4s 18Deg 8'	4s 16Deg 19'	8S 13	4S 22	25	S 13	
15/10/16	13h 37 min 47	5s 27Deg 58' 30"	11s 11Deg 22' 35"	8s 17Deg 50'	5s 19Deg 0'	5s 13Deg 33'	7s 1Deg 55'	7s 18Deg 39'	4s 18Deg 6'	4s 16Deg 16'	8S 36	0N 18	26	S 14	
16/10/16	13h 41 min 44	5s 28Deg 57' 58"	11s 26Deg 22' 52"	8s 18Deg 32'	5s 20Deg 45'	5s 13Deg 46'	7s 3Deg 8'	7s 18Deg 44'	4s 18Deg 2'	4s 16Deg 12'	8S 58	5N 1	27	Poornima	
17/10/16	13h 45 min 40	5s 29Deg 57' 28"	0s 11Deg 34' 31"	8s 19Deg 14'	5s 22Deg 29'	5s 13Deg 58'	7s 4Deg 20'	7s 18Deg 50'	4s 17Deg 57'	4s 16Deg 9'	9S 20	9N 29	1	K 1	
18/10/16	13h 49 min 37	6s 0Deg 56' 59"	0s 26Deg 47' 15"	8s 19Deg 56'	5s 24Deg 13'	5s 14Deg 11'	7s 5Deg 33'	7s 18Deg 55'	4s 17Deg 50'	4s 16Deg 6'	9S 42	13N 20	3	K 3	
19/10/16	13h 53 min 33	6s 1Deg 56' 33"	1s 11Deg 50' 43"	8s 20Deg 38'	5s 25Deg 56'	5s 14Deg 24'	7s 6Deg 46'	7s 19Deg 1'	4s 17Deg 44'	4s 16Deg 3'	10S 3	16N 15	4	K 4	
20/10/16	13h 57 min 30	6s 2Deg 56' 10"	1s 26Deg 36' 12"	8s 21Deg 20'	5s 27Deg 39'	5s 14Deg 36'	7s 7Deg 58'	7s 19Deg 6'	4s 17Deg 38'	4s 16Deg 0'	10S 25	18N 2	5	K 5	
21/10/16	14h 1 min 26	6s 3Deg 55' 48"	2s 10Deg 57' 53"	8s 22Deg 2'	5s 29Deg 22'	5s 14Deg 49'	7s 9Deg 11'	7s 19Deg 12'	4s 17Deg 34'	4s 15Deg 56'	10S 46	18N 37	6	K 6	
22/10/16	14h 5 min 23	6s 4Deg 55' 29"	2s 24Deg 53' 8"	8s 22Deg 45'	6s 1Deg 4'	5s 15Deg 2'	7s 10Deg 23'	7s 19Deg 18'	4s 17Deg 31'	4s 15Deg 53'	11S 7	18N 2	7	K 7	
23/10/16	14h 9 min 20	6s 5Deg 55' 12"	3s 8Deg 22' 10"	8s 23Deg 27'	6s 2Deg 46'	5s 15Deg 14'	7s 11Deg 36'	7s 19Deg 23'	4s 17Deg 31'	4s 15Deg 50'	11S 29	16N 26	8	K 8	
24/10/16	14h 13 min 16	6s 6Deg 54' 57"	3s 21Deg 27' 15"	8s 24Deg 10'	6s 4Deg 27'	5s 15Deg 27'	7s 12Deg 48'	7s 19Deg 29'	4s 17Deg 32'	4s 15Deg 47'	11S 49	14N 0	9	K 9	
25/10/16	14h 17 min 13	6s 7Deg 54' 45"	4s 4Deg 11' 51"	8s 24Deg 52'	6s 6Deg 8'	5s 15Deg 39'	7s 14Deg 1'	7s 19Deg 35'	4s 17Deg 33'	4s 15Deg 44'	12S 10	10N 57	10	K 10	
26/10/16	14h 21 min 9	6s 8Deg 54' 35"	4s 16Deg 39' 49"	8s 25Deg 35'	6s 7Deg 48'	5s 15Deg 52'	7s 15Deg 13'	7s 19Deg 41'	4s 17Deg 34'	4s 15Deg 41'	12S 31	7N 27	11	K 11	
27/10/16	14h 25 min 6	6s 9Deg 54' 27"	4s 28Deg 55' 0"	8s 26Deg 18'	6s 9Deg 27'	5s 16Deg 4'	7s 16Deg 26'	7s 19Deg 47'	4s 17Deg 33'	4s 15Deg 37'	12S 51	3N 42	12	K 12	
28/10/16	14h 29 min 2	6s 10Deg 54' 21"	5s 11Deg 0' 46"	8s 27Deg 1'	6s 11Deg 6'	5s 16Deg 16'	7s 17Deg 38'	7s 19Deg 53'	4s 17Deg 30'	4s 15Deg 34'	13S 11	0S 9	13	K 13	
29/10/16	14h 32 min 59	6s 11Deg 54' 17"	5s 22Deg 59' 56"	8s 27Deg 44'	6s 12Deg 45'	5s 16Deg 29'	7s 18Deg 50'	7s 19Deg 59'	4s 17Deg 25'	4s 15Deg 31'	13S 31	3S 58	13	K 14	
30/10/16	14h 36 min 55	6s 12Deg 54' 15"	6s 4Deg 54' 47"	8s 28Deg 27'	6s 14Deg 23'	5s 16Deg 41'	7s 20Deg 3'	7s 20Deg 5'	4s 17Deg 17'	4s 15Deg 28'	13S 51	7S 36	14	Amavasya	
31/10/16	14h 40 min 52	6s 13Deg 54' 15"	6s 16Deg 47' 5"	8s 29Deg 11'	6s 16Deg 1'	5s 16Deg 53'	7s 21Deg 15'	7s 20Deg 11'	4s 17Deg 7'	4s 15Deg 25'	14S 10	10S 55	15	S 1	
01/11/16	14h 44 min 49	6s 14Deg 54' 17"	6s 28Deg 38' 20"	8s 29Deg 54'	6s 17Deg 38'	5s 17Deg 5'	7s 22Deg 27'	7s 20Deg 17'	4s 16Deg 55'	4s 15Deg 21'	14S 30	13S 48	16	S 2	
02/11/16	14h 48 min 45	6s 15Deg 54' 21"	7s 10Deg 30' 2"	9s 0Deg 37'	6s 19Deg 14'	5s 17Deg 18'	7s 23Deg 40'	7s 20Deg 23'	4s 16Deg 43'	4s 15Deg 18'	14S 49	16S 7	17	S 3	
03/11/16	14h 52 min 42	6s 16Deg 54' 27"	7s 22Deg 23' 50"	9s 1Deg 21'	6s 20Deg 50'	5s 17Deg 30'	7s 24Deg 52'	7s 20Deg 30'	4s 16Deg 32'	4s 15Deg 15'	15S 8	17S 45	18	S 3	
04/11/16	14h 56 min 38	6s 17Deg 54' 34"	8s 4Deg 21' 52"	9s 2Deg 4'	6s 22Deg 26'	5s 17Deg 42'	7s 26Deg 4'	7s 20Deg 36'	4s 16Deg 22'	4s 15Deg 12'	15S 26	18S 37	19	S 4	
05/11/16	15h 0 min 35	6s 18Deg 54' 43"	8s 16Deg 26' 48"	9s 2Deg 48'	6s 24Deg 1'	5s 17Deg 54'	7s 27Deg 16'	7s 20Deg 42'	4s 16Deg 15'	4s 15Deg 9'	15S 44	18S 39	20	S 5	
06/11/16	15h 4 min 31	6s 19Deg 54' 53"	8s 28Deg 41' 59"	9s 3Deg 32'	6s 25Deg 36'	5s 18Deg 6'	7s 28Deg 28'	7s 20Deg 49'	4s 16Deg 10'	4s 15Deg 6'	16S 2	17S 49	21	S 6	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
07/11/16	15h 8 min 28	6s 20Deg 55' 5"	9s 11Deg 11' 20"	9s 4Deg 16'	6s 27Deg 11'	5s 18Deg 18'	7s 29Deg 40'	7s 20Deg 55'	4s 16Deg 8'	4s 15Deg 2'	16S 20	16S 7	22	S 7	
08/11/16	15h 12 min 24	6s 21Deg 55' 19"	9s 23Deg 59' 9"	9s 4Deg 59'	6s 28Deg 45'	5s 18Deg 30'	8s 0Deg 52'	7s 21Deg 2'	4s 16Deg 7'	4s 14Deg 59'	16S 38	13S 35	23	S 8	
09/11/16	15h 16 min 21	6s 22Deg 55' 34"	10s 7Deg 9' 43"	9s 5Deg 43'	7s 0Deg 15'	5s 18Deg 41'	8s 2Deg 4'	7s 21Deg 8'	4s 16Deg 8'	4s 14Deg 56'	16S 55	10S 17	24	S 9	
10/11/16	15h 20 min 18	6s 23Deg 55' 50"	10s 20Deg 46' 38"	9s 6Deg 27'	7s 1Deg 52'	5s 18Deg 53'	8s 3Deg 16'	7s 21Deg 15'	4s 16Deg 8'	4s 14Deg 53'	17S 12	6S 20	25	S 10	
11/11/16	15h 24 min 14	6s 24Deg 56' 8"	11s 4Deg 52' 5"	9s 7Deg 11'	7s 3Deg 25'	5s 19Deg 5'	8s 4Deg 28'	7s 21Deg 21'	4s 16Deg 7'	4s 14Deg 50'	17S 29	1S 55	26	S 11	
12/11/16	15h 28 min 11	6s 25Deg 56' 28"	11s 19Deg 25' 45"	9s 7Deg 56'	7s 4Deg 58'	5s 19Deg 16'	8s 5Deg 39'	7s 21Deg 28'	4s 16Deg 3'	4s 14Deg 46'	17S 45	2N 46	27	S 12	
13/11/16	15h 32 min 7	6s 26Deg 56' 48"	0s 4Deg 23' 56"	9s 8Deg 40'	7s 6Deg 30'	5s 19Deg 28'	8s 6Deg 51'	7s 21Deg 35'	4s 15Deg 56'	4s 14Deg 43'	18S 1	7N 24	1	S 14	
14/11/16	15h 36 min 4	6s 27Deg 57' 11"	0s 19Deg 39' 20"	9s 9Deg 24'	7s 8Deg 2'	5s 19Deg 39'	8s 8Deg 3'	7s 21Deg 41'	4s 15Deg 48'	4s 14Deg 40'	18S 17	11N 39	2	Poornima	
15/11/16	15h 40 min 0	6s 28Deg 57' 35"	1s 5Deg 1' 31"	9s 10Deg 8'	7s 9Deg 34'	5s 19Deg 51'	8s 9Deg 14'	7s 21Deg 48'	4s 15Deg 37'	4s 14Deg 37'	18S 32	15N 8	3	K 1	
16/11/16	15h 43 min 57	6s 29Deg 58' 0"	1s 20Deg 18' 35"	9s 10Deg 53'	7s 11Deg 6'	5s 20Deg 2'	8s 10Deg 26'	7s 21Deg 55'	4s 15Deg 26'	4s 14Deg 34'	18S 47	17N 33	4	K 2	
17/11/16	15h 47 min 53	7s 0Deg 58' 27"	2s 5Deg 19' 26"	9s 11Deg 37'	7s 12Deg 37'	5s 20Deg 14'	8s 11Deg 37'	7s 22Deg 1'	4s 15Deg 16'	4s 14Deg 31'	19S 2	18N 43	5	K 3	
18/11/16	15h 51 min 50	7s 1Deg 58' 56"	2s 19Deg 55' 39"	9s 12Deg 21'	7s 14Deg 8'	5s 20Deg 25'	8s 12Deg 49'	7s 22Deg 8'	4s 15Deg 8'	4s 14Deg 27'	19S 16	18N 35	6	K 4	
19/11/16	15h 55 min 47	7s 2Deg 59' 27"	3s 4Deg 2' 34"	9s 13Deg 6'	7s 15Deg 39'	5s 20Deg 36'	8s 14Deg 0'	7s 22Deg 15'	4s 15Deg 3'	4s 14Deg 24'	19S 30	17N 17	8	K 6	
20/11/16	15h 59 min 43	7s 4Deg 0' 0"	3s 17Deg 39' 11"	9s 13Deg 50'	7s 17Deg 9'	5s 20Deg 47'	8s 15Deg 11'	7s 22Deg 22'	4s 15Deg 0'	4s 14Deg 21'	19S 44	15N 2	9	K 7	
21/11/16	16h 3 min 40	7s 5Deg 0' 34"	4s 0Deg 47' 27"	9s 14Deg 35'	7s 18Deg 39'	5s 20Deg 58'	8s 16Deg 23'	7s 22Deg 29'	4s 14Deg 59'	4s 14Deg 18'	19S 57	12N 3	10	K 8	
22/11/16	16h 7 min 36	7s 6Deg 1' 10"	4s 13Deg 31' 10"	9s 15Deg 20'	7s 20Deg 9'	5s 21Deg 9'	8s 17Deg 34'	7s 22Deg 36'	4s 14Deg 59'	4s 14Deg 15'	20S 10	8N 36	11	K 9	
23/11/16	16h 11 min 33	7s 7Deg 1' 48"	4s 25Deg 55' 8"	9s 16Deg 4'	7s 21Deg 38'	5s 21Deg 20'	8s 18Deg 45'	7s 22Deg 42'	4s 14Deg 59'	4s 14Deg 12'	20S 23	4N 50	11	K 10	
24/11/16	16h 15 min 29	7s 8Deg 2' 28"	5s 8Deg 4' 22"	9s 16Deg 49'	7s 23Deg 7'	5s 21Deg 30'	8s 19Deg 56'	7s 22Deg 49'	4s 14Deg 57'	4s 14Deg 8'	20S 35	0N 57	12	K 11	
25/11/16	16h 19 min 26	7s 9Deg 3' 9"	5s 20Deg 3' 36"	9s 17Deg 34'	7s 24Deg 36'	5s 21Deg 41'	8s 21Deg 7'	7s 22Deg 56'	4s 14Deg 52'	4s 14Deg 5'	20S 47	2S 54	13	K 11	
26/11/16	16h 23 min 22	7s 10Deg 3' 52"	6s 1Deg 56' 49"	9s 18Deg 18'	7s 26Deg 4'	5s 21Deg 52'	8s 22Deg 18'	7s 23Deg 3'	4s 14Deg 45'	4s 14Deg 2'	20S 59	6S 37	14	K 12	
27/11/16	16h 27 min 19	7s 11Deg 4' 36"	6s 13Deg 47' 31"	9s 19Deg 3'	7s 27Deg 32'	5s 22Deg 2'	8s 23Deg 28'	7s 23Deg 10'	4s 14Deg 35'	4s 13Deg 59'	21S 10	10S 4	15	K 13	
28/11/16	16h 31 min 16	7s 12Deg 5' 22"	6s 25Deg 38' 13"	9s 19Deg 48'	7s 28Deg 59'	5s 22Deg 13'	8s 24Deg 39'	7s 23Deg 17'	4s 14Deg 22'	4s 13Deg 56'	21S 20	13S 7	16	K 14	
29/11/16	16h 35 min 12	7s 13Deg 6' 9"	7s 7Deg 30' 50"	9s 20Deg 33'	8s 0Deg 26'	5s 22Deg 23'	8s 25Deg 50'	7s 23Deg 24'	4s 14Deg 7'	4s 13Deg 52'	21S 31	15S 38	17	Amavasya	
30/11/16	16h 39 min 9	7s 14Deg 6' 57"	7s 19Deg 26' 43"	9s 21Deg 18'	8s 1Deg 52'	5s 22Deg 33'	8s 27Deg 0'	7s 23Deg 31'	4s 13Deg 52'	4s 13Deg 49'	21S 40	17S 30	18	S 1	
01/12/16	16h 43 min 5	7s 15Deg 7' 47"	8s 1Deg 26' 59"	9s 22Deg 3'	8s 3Deg 16'	5s 22Deg 43'	8s 28Deg 10'	7s 23Deg 38'	4s 13Deg 37'	4s 13Deg 46'	21S 50	18S 37	19	S 2	
02/12/16	16h 47 min 2	7s 16Deg 8' 37"	8s 13Deg 32' 47"	9s 22Deg 48'	8s 4Deg 40'	5s 22Deg 53'	8s 29Deg 21'	7s 23Deg 45'	4s 13Deg 24'	4s 13Deg 43'	21S 59	18S 54	20	S 3	
03/12/16	16h 50 min 58	7s 17Deg 9' 29"	8s 25Deg 45' 31"	9s 23Deg 33'	8s 6Deg 3'	5s 23Deg 3'	9s 0Deg 31'	7s 23Deg 52'	4s 13Deg 14'	4s 13Deg 40'	22S 8	18S 19	20	S 4	
04/12/16	16h 54 min 55	7s 18Deg 10' 21"	9s 8Deg 7' 11"	9s 24Deg 18'	8s 7Deg 25'	5s 23Deg 13'	9s 1Deg 41'	7s 23Deg 59'	4s 13Deg 7'	4s 13Deg 37'	22S 16	16S 51	21	S 5	
05/12/16	16h 58 min 51	7s 19Deg 11' 15"	9s 20Deg 40' 20"	9s 25Deg 3'	8s 8Deg 45'	5s 23Deg 23'	9s 2Deg 51'	7s 24Deg 7'	4s 13Deg 3'	4s 13Deg 33'	22S 23	14S 34	22	S 6	
06/12/16	17h 2 min 48	7s 20Deg 12' 9"	10s 3Deg 28' 9"	9s 25Deg 48'	8s 10Deg 3'	5s 23Deg 33'	9s 4Deg 1'	7s 24Deg 14'	4s 13Deg 2'	4s 13Deg 30'	22S 31	11S 32	23	S 7	
07/12/16	17h 6 min 45	7s 21Deg 13' 4"	10s 16Deg 34' 12"	9s 26Deg 33'	8s 11Deg 19'	5s 23Deg 42'	9s 5Deg 11'	7s 24Deg 21'	4s 13Deg 2'	4s 13Deg 27'	22S 38	7S 51	24	S 8	
08/12/16	17h 10 min 41	7s 22Deg 14' 0"	11s 0Deg 1' 57"	9s 27Deg 19'	8s 12Deg 33'	5s 23Deg 52'	9s 6Deg 21'	7s 24Deg 28'	4s 13Deg 2'	4s 13Deg 24'	22S 44	3S 41	25	S 9	
09/12/16	17h 14 min 38	7s 23Deg 14' 56"	11s 13Deg 54' 4"	9s 28Deg 4'	8s 13Deg 44'	5s 24Deg 1'	9s 7Deg 30'	7s 24Deg 35'	4s 13Deg 0'	4s 13Deg 21'	22S 50	0N 47	26	S 10	
10/12/16	17h 18 min 34	7s 24Deg 15' 53"	11s 28Deg 11' 37"	9s 28Deg 49'	8s 14Deg 52'	5s 24Deg 10'	9s 8Deg 39'	7s 24Deg 42'	4s 12Deg 57'	4s 13Deg 17'	22S 56	5N 21	27	S 11	
11/12/16	17h 22 min 31	7s 25Deg 16' 51"	0s 12Deg 53' 1"	9s 29Deg 34'	8s 15Deg 57'	5s 24Deg 19'	9s 9Deg 49'	7s 24Deg 49'	4s 12Deg 50'	4s 13Deg 14'	23S 1	9N 43	1	S 12	
12/12/16	17h 26 min 27	7s 26Deg 17' 49"	0s 27Deg 53' 26"	10s 0Deg 19'	8s 16Deg 57'	5s 24Deg 28'	9s 10Deg 58'	7s 24Deg 56'	4s 12Deg 41'	4s 13Deg 11'	23S 5	13N 34	3	S 13	
13/12/16	17h 30 min 24	7s 27Deg 18' 48"	1s 13Deg 4' 46"	10s 1Deg 5'	8s 17Deg 52'	5s 24Deg 37'	9s 12Deg 7'	7s 25Deg 3'	4s 12Deg 31'	4s 13Deg 8'	23S 10	16N 33	4	S 14	
14/12/16	17h 34 min 20	7s 28Deg 19' 48"	1s 28Deg 16' 34"	10s 1Deg 50'	8s 18Deg 42'	5s 24Deg 46'	9s 13Deg 16'	7s 25Deg 10'	4s 12Deg 19'	4s 13Deg 5'	23S 13	18N 24	5	Poornima	
15/12/16	17h 38 min 17	7s 29Deg 20' 48"	2s 13Deg 17' 52"	10s 2Deg 35'	8s 19Deg 26'	5s 24Deg 55'	9s 14Deg 24'	7s 25Deg 17'	4s 12Deg 9'	4s 13Deg 2'	23S 16	18N 56	6	K 2	
16/12/16	17h 42 min 14	8s 0Deg 21' 49"	2s 27Deg 59' 10"	10s 3Deg 20'	8s 20Deg 2'	5s 25Deg 3'	9s 15Deg 33'	7s 25Deg 25'	4s 12Deg 0'	4s 12Deg 58'	23S 19	18N 10	7	K 3	
17/12/16	17h 46 min 10	8s 1Deg 22' 51"	3s 12Deg 13' 58"	10s 4Deg 6'	8s 20Deg 31'	5s 25Deg 12'	9s 16Deg 41'	7s 25Deg 32'	4s 11Deg 54'	4s 12Deg 55'	23S 22	16N 16	8	K 4	
18/12/16	17h 50 min 7	8s 2Deg 23' 54"	3s 25Deg 59' 16"	10s 4Deg 51'	8s 20Deg 51'	5s 25Deg 20'	9s 17Deg 49'	7s 25Deg 39'	4s 11Deg 51'	4s 12Deg 52'	23S 23	13N 28	9	K 5	
19/12/16	17h 54 min 3	8s 3Deg 24' 58"	4s 9Deg 15' 24"	10s 5Deg 36'	8s 21Deg 1'	5s 25Deg 28'	9s 18Deg 57'	7s 25Deg 46'	4s 11Deg 50'	4s 12Deg 49'	23S 25	10N 4	10	K 6	
20/12/16	17h 58 min 0	8s 4Deg 26' 2"	4s 22Deg 5' 8"	10s 6Deg 22'	8s 21Deg 0'	5s 25Deg 36'	9s 20Deg 5'	7s 25Deg 53'	4s 11Deg 50'	4s 12Deg 46'	23S 26	6N 17	11	K 7	
21/12/16	18h 1 min 56	8s 5Deg 27' 8"	5s 4Deg 32' 48"	10s 7Deg 7'	8s 20Deg 48'	5s 25Deg 44'	9s 21Deg 13'	7s 26Deg 0'	4s 11Deg 51'	4s 12Deg 42'	23S 26	2N 21	12	K 8	
22/12/16	18h 5 min 53	8s 6Deg 28' 14"	5s 16Deg 43' 29"	10s 7Deg 52'	8s 20Deg 25'	5s 25Deg 52'	9s 22Deg 20'	7s 26Deg 7'	4s 11Deg 50'	4s 12Deg 39'	23S 26	1S 36	13	K 9	
23/12/16	18h 9 min 49	8s 7Deg 29' 21"	5s 28Deg 42' 29"	10s 8Deg 37'	8s 19Deg 50'	5s 26Deg 0'	9s 23Deg 28'	7s 26Deg 14'	4s 11Deg 47'	4s 12Deg 36'	23S 26	5S 25	14	K 10	
24/12/16	18h 13 min 46	8s 8Deg 30' 28"	6s 10Deg 34' 45"	10s 9Deg 23'	8s 19Deg 3'	5s 26Deg 7'	9s 24Deg 35'	7s 26Deg 21'	4s 11Deg 43'	4s 12Deg 33'	23S 25	8S 59	15	K 11	
25/12/16	18h 17 min 43	8s 9Deg 31' 37"	6s 22Deg 24' 42"	10s 10Deg 8'	8s 18Deg 6'	5s 26Deg 15'	9s 25Deg 42'	7s 26Deg 28'	4s 11Deg 35'	4s 12Deg 30'	23S 23	12S 11	16	K 12	
26/12/16	18h 21 min 39	8s 10Deg 32' 45"	7s 4Deg 16' 2"	10s 10Deg 53'	8s 17Deg 0'	5s 26Deg 22'	9s 26Deg 48'	7s 26Deg 35'	4s 11Deg 25'	4s 12Deg 27'	23S 21	14S 54	17	K 12	
27/12/16	18h 25 min 36	8s 11Deg 33' 55"	7s 16Deg 11' 36"	10s 11Deg 39'	8s 15Deg 46'	5s 26Deg 29'	9s 27Deg 55'	7s 26Deg 42'	4s 11Deg 14'	4s 12Deg 23'	23S 19	17S 0	17	K 13	
28/12/16	18h 29 min 32	8s 12Deg 35' 4"	7s 28Deg 13' 27"	10s 12Deg 24'	8s 14Deg 26'	5s 26Deg 36'	9s 29Deg 1'	7s 26Deg 49'	4s 11Deg 1'	4s 12Deg 20'	23S 16	18S 23	18	K 14	
29/12/16	18h 33 min 29	8s 13Deg 36' 14"	8s 10Deg 22' 57"	10s 13Deg 9'	8s 13Deg 5'	5s 26Deg 43'	10s 0Deg 7'	7s 26Deg 56'	4s 10Deg 50'	4s 12Deg 17'	23S 13	18S 57	19	Amavasya	
30/12/16	18h 37 min 25	8s 14Deg 37' 24"	8s 22Deg 40' 59"	10s 13Deg 55'	8s 11Deg 43'	5s 26Deg 50'	10s 1Deg 13'	7s 27Deg 2'	4s 10Deg 40'	4s 12Deg 14'	23S 9	18S 38	20	S 1	
31/12/16	18h 41 min 22	8s 15Deg 38' 34"	9s 5Deg 8' 8"	10s 14Deg 40'	8s 10Deg 24'	5s 26Deg 56'	10s 2Deg 18'	7s 27Deg 9'	4s 10Deg 32'	4s 12Deg 11'	23S 5	17S 25	21	S 2	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
01/01/17	18h 45 min 18	8s 16Deg 39' 45"	9s 17Deg 45' 4"	10s 15Deg 25'	8s 9Deg 11'	5s 27Deg 3'	10s 3Deg 23'	7s 27Deg 16'	4s 10Deg 27'	4s 12Deg 8'	23S 0	15S 20	22	S 3	
02/01/17	18h 49 min 15	8s 17Deg 40' 55"	10s 0Deg 32' 43"	10s 16Deg 11'	8s 8Deg 4'	5s 27Deg 9'	10s 4Deg 28'	7s 27Deg 23'	4s 10Deg 24'	4s 12Deg 4'	22S 55	12S 29	23	S 4	
03/01/17	18h 53 min 12	8s 18Deg 42' 5"	10s 13Deg 32' 24"	10s 16Deg 56'	8s 7Deg 6'	5s 27Deg 15'	10s 5Deg 33'	7s 27Deg 30'	4s 10Deg 23'	4s 12Deg 1'	22S 49	8S 58	24	S 5	
04/01/17	18h 57 min 8	8s 19Deg 43' 15"	10s 26Deg 45' 51"	10s 17Deg 41'	8s 6Deg 18'	5s 27Deg 21'	10s 6Deg 37'	7s 27Deg 37'	4s 10Deg 24'	4s 11Deg 58'	22S 43	4S 57	25	S 6	
05/01/17	19h 1 min 5	8s 20Deg 44' 25"	11s 10Deg 14' 57"	10s 18Deg 27'	8s 5Deg 40'	5s 27Deg 27'	10s 7Deg 41'	7s 27Deg 43'	4s 10Deg 25'	4s 11Deg 55'	22S 37	0S 37	26	S 7	
06/01/17	19h 5 min 1	8s 21Deg 45' 34"	11s 24Deg 1' 21"	10s 19Deg 12'	8s 5Deg 12'	5s 27Deg 32'	10s 8Deg 45'	7s 27Deg 50'	4s 10Deg 26'	4s 11Deg 52'	22S 30	3N 49	27	S 8	
07/01/17	19h 8 min 58	8s 22Deg 46' 43"	0s 8Deg 5' 51"	10s 19Deg 57'	8s 4Deg 54'	5s 27Deg 38'	10s 9Deg 49'	7s 27Deg 57'	4s 10Deg 25'	4s 11Deg 48'	22S 22	8N 9	1	S 9	
08/01/17	19h 12 min 54	8s 23Deg 47' 51"	0s 22Deg 27' 44"	10s 20Deg 42'	8s 4Deg 46'	5s 27Deg 43'	10s 10Deg 52'	7s 28Deg 3'	4s 10Deg 21'	4s 11Deg 45'	22S 14	12N 6	2	S 10	
09/01/17	19h 16 min 51	8s 24Deg 48' 59"	1s 7Deg 4' 11"	10s 21Deg 28'	8s 4Deg 46'	5s 27Deg 48'	10s 11Deg 54'	7s 28Deg 10'	4s 10Deg 16'	4s 11Deg 42'	22S 6	15N 22	3	S 12	
10/01/17	19h 20 min 47	8s 25Deg 50' 6"	1s 21Deg 50' 5"	10s 22Deg 13'	8s 4Deg 56'	5s 27Deg 53'	10s 12Deg 57'	7s 28Deg 16'	4s 10Deg 10'	4s 11Deg 39'	21S 57	17N 41	4	S 13	
11/01/17	19h 24 min 44	8s 26Deg 51' 13"	2s 6Deg 38' 23"	10s 22Deg 58'	8s 5Deg 13'	5s 27Deg 58'	10s 13Deg 59'	7s 28Deg 23'	4s 10Deg 3'	4s 11Deg 36'	21S 48	18N 50	5	S 14	
12/01/17	19h 28 min 41	8s 27Deg 52' 20"	2s 21Deg 20' 55"	10s 23Deg 43'	8s 5Deg 37'	5s 28Deg 3'	10s 15Deg 0'	7s 28Deg 29'	4s 9Deg 56'	4s 11Deg 33'	21S 39	18N 42	7	Poornima	
13/01/17	19h 32 min 37	8s 28Deg 53' 26"	3s 5Deg 49' 51"	10s 24Deg 28'	8s 6Deg 7'	5s 28Deg 7'	10s 16Deg 2'	7s 28Deg 36'	4s 9Deg 50'	4s 11Deg 29'	21S 29	17N 20	8	K 1	
14/01/17	19h 36 min 34	8s 29Deg 54' 32"	3s 19Deg 58' 48"	10s 25Deg 14'	8s 6Deg 44'	5s 28Deg 12'	10s 17Deg 2'	7s 28Deg 42'	4s 9Deg 47'	4s 11Deg 26'	21S 18	14N 55	9	K 2	
15/01/17	19h 40 min 30	9s 0Deg 55' 37"	4s 3Deg 43' 45"	10s 25Deg 59'	8s 7Deg 25'	5s 28Deg 16'	10s 18Deg 3'	7s 28Deg 49'	4s 9Deg 45'	4s 11Deg 23'	21S 8	11N 43	10	K 3	
16/01/17	19h 44 min 27	9s 1Deg 56' 43"	4s 17Deg 3' 18"	10s 26Deg 44'	8s 8Deg 12'	5s 28Deg 20'	10s 19Deg 2'	7s 28Deg 55'	4s 9Deg 45'	4s 11Deg 20'	20S 56	7N 60	11	K 4	
17/01/17	19h 48 min 23	9s 2Deg 57' 48"	4s 29Deg 58' 19"	10s 27Deg 29'	8s 9Deg 2'	5s 28Deg 24'	10s 20Deg 2'	7s 29Deg 1'	4s 9Deg 46'	4s 11Deg 17'	20S 45	4N 0	12	K 5	
18/01/17	19h 52 min 20	9s 3Deg 58' 52"	5s 12Deg 31' 36"	10s 28Deg 14'	8s 9Deg 56'	5s 28Deg 27'	10s 21Deg 1'	7s 29Deg 8'	4s 9Deg 48'	4s 11Deg 13'	20S 33	0S 2	13	K 6	
19/01/17	19h 56 min 16	9s 4Deg 59' 57"	5s 24Deg 47' 8"	10s 28Deg 58'	8s 10Deg 54'	5s 28Deg 31'	10s 21Deg 59'	7s 29Deg 14'	4s 9Deg 50'	4s 11Deg 10'	20S 20	3S 59	14	K 7	
20/01/17	20h 0 min 13	9s 6Deg 1' 1"	6s 6Deg 49' 40"	10s 29Deg 44'	8s 11Deg 55'	5s 28Deg 34'	10s 22Deg 57'	7s 29Deg 20'	4s 9Deg 50'	4s 11Deg 7'	20S 7	7S 42	15	K 8	
21/01/17	20h 4 min 10	9s 7Deg 2' 5"	6s 18Deg 44' 9"	11s 0Deg 29'	8s 12Deg 59'	5s 28Deg 37'	10s 23Deg 55'	7s 29Deg 26'	4s 9Deg 49'	4s 11Deg 4'	19S 54	11S 3	15	K 9	
22/01/17	20h 8 min 6	9s 8Deg 3' 8"	7s 0Deg 35' 32"	11s 1Deg 14'	8s 14Deg 5'	5s 28Deg 40'	10s 24Deg 51'	7s 29Deg 32'	4s 9Deg 47'	4s 11Deg 1'	19S 41	13S 57	16	K 10	
23/01/17	20h 12 min 3	9s 9Deg 4' 11"	7s 12Deg 28' 20"	11s 1Deg 59'	8s 15Deg 13'	5s 28Deg 43'	10s 25Deg 48'	7s 29Deg 38'	4s 9Deg 43'	4s 10Deg 58'	19S 27	16S 17	17	K 11	
24/01/17	20h 15 min 59	9s 10Deg 5' 13"	7s 24Deg 26' 32"	11s 2Deg 44'	8s 16Deg 23'	5s 28Deg 46'	10s 26Deg 43'	7s 29Deg 44'	4s 9Deg 38'	4s 10Deg 54'	19S 13	17S 56	18	K 12	
25/01/17	20h 19 min 56	9s 11Deg 6' 15"	8s 6Deg 33' 24"	11s 3Deg 29'	8s 17Deg 36'	5s 28Deg 48'	10s 27Deg 38'	7s 29Deg 50'	4s 9Deg 33'	4s 10Deg 51'	18S 58	18S 48	19	K 13	
26/01/17	20h 23 min 52	9s 12Deg 7' 16"	8s 18Deg 51' 20"	11s 4Deg 14'	8s 18Deg 50'	5s 28Deg 50'	10s 28Deg 33'	7s 29Deg 56'	4s 9Deg 28'	4s 10Deg 48'	18S 43	18S 47	20	K 14	
27/01/17	20h 27 min 49	9s 13Deg 8' 17"	9s 1Deg 21' 55"	11s 4Deg 58'	8s 20Deg 6'	5s 28Deg 52'	10s 29Deg 27'	8s 0Deg 2'	4s 9Deg 24'	4s 10Deg 45'	18S 28	17S 53	21	Amavasya	
28/01/17	20h 31 min 46	9s 14Deg 9' 17"	9s 14Deg 5' 51"	11s 5Deg 43'	8s 21Deg 23'	5s 28Deg 54'	11s 0Deg 20'	8s 0Deg 8'	4s 9Deg 20'	4s 10Deg 42'	18S 12	16S 3	22	Amavasya	
29/01/17	20h 35 min 42	9s 15Deg 10' 15"	9s 27Deg 3' 12"	11s 6Deg 28'	8s 22Deg 41'	5s 28Deg 56'	11s 1Deg 12'	8s 0Deg 13'	4s 9Deg 19'	4s 10Deg 38'	17S 56	13S 23	23	S 1	
30/01/17	20h 39 min 39	9s 16Deg 11' 13"	10s 10Deg 13' 33"	11s 7Deg 13'	8s 24Deg 1'	5s 28Deg 57'	11s 2Deg 4'	8s 0Deg 19'	4s 9Deg 18'	4s 10Deg 35'	17S 40	10S 0	24	S 3	
31/01/17	20h 43 min 35	9s 17Deg 12' 10"	10s 23Deg 36' 11"	11s 7Deg 58'	8s 25Deg 22'	5s 28Deg 59'	11s 2Deg 55'	8s 0Deg 25'	4s 9Deg 19'	4s 10Deg 32'	17S 23	6S 3	25	S 4	
01/02/17	20h 47 min 32	9s 18Deg 13' 5"	11s 7Deg 10' 21"	11s 8Deg 42'	8s 26Deg 44'	5s 29Deg 0'	11s 3Deg 45'	8s 0Deg 30'	4s 9Deg 20'	4s 10Deg 29'	17S 6	1S 45	26	S 5	
02/02/17	20h 51 min 28	9s 19Deg 13' 59"	11s 20Deg 55' 17"	11s 9Deg 27'	8s 28Deg 8'	5s 29Deg 1'	11s 4Deg 34'	8s 0Deg 36'	4s 9Deg 21'	4s 10Deg 26'	16S 49	2N 41	27	S 6	
03/02/17	20h 55 min 25	9s 20Deg 14' 52"	0s 4Deg 50' 12"	11s 10Deg 12'	8s 29Deg 32'	5s 29Deg 1'	11s 5Deg 22'	8s 0Deg 41'	4s 9Deg 23'	4s 10Deg 23'	16S 32	7N 2	1	S 7	
04/02/17	20h 59 min 21	9s 21Deg 15' 44"	0s 18Deg 54' 8"	11s 10Deg 56'	9s 0Deg 57'	5s 29Deg 2'	11s 6Deg 10'	8s 0Deg 46'	4s 9Deg 23'	4s 10Deg 19'	16S 14	11N 2	2	S 8	
05/02/17	21h 3 min 18	9s 22Deg 16' 34"	1s 3Deg 5' 40"	11s 11Deg 41'	9s 2Deg 23'	5s 29Deg 2'	11s 6Deg 56'	8s 0Deg 52'	4s 9Deg 23'	4s 10Deg 16'	15S 56	14N 26	3	S 9	
06/02/17	21h 7 min 14	9s 23Deg 17' 22"	1s 17Deg 22' 40"	11s 12Deg 26'	9s 3Deg 50'	5s 29Deg 2'	11s 7Deg 42'	8s 0Deg 57'	4s 9Deg 22'	4s 10Deg 13'	15S 37	16N 60	4	S 10	
07/02/17	21h 11 min 11	9s 24Deg 18' 9"	2s 10Deg 42' 12"	11s 13Deg 10'	9s 5Deg 18'	5s 29Deg 2'	11s 8Deg 26'	8s 1Deg 2'	4s 9Deg 20'	4s 10Deg 10'	15S 19	18N 30	5	S 11	
08/02/17	21h 15 min 8	9s 25Deg 18' 55"	2s 16Deg 0' 26"	11s 13Deg 55'	9s 6Deg 47'	5s 29Deg 2'	11s 9Deg 10'	8s 1Deg 7'	4s 9Deg 18'	4s 10Deg 7'	14S 60	18N 50	6	S 12	
09/02/17	21h 19 min 4	9s 26Deg 19' 39"	3s 0Deg 13' 2"	11s 14Deg 39'	9s 8Deg 17'	5s 29Deg 2'	11s 9Deg 52'	8s 1Deg 12'	4s 9Deg 16'	4s 10Deg 4'	14S 41	17N 59	7	S 13	
10/02/17	21h 23 min 1	9s 27Deg 20' 22"	3s 14Deg 15' 29"	11s 15Deg 24'	9s 9Deg 14'	5s 29Deg 1'	11s 10Deg 33'	8s 1Deg 17'	4s 9Deg 15'	4s 10Deg 0'	14S 21	16N 1	8	S 14	
11/02/17	21h 26 min 57	9s 28Deg 21' 3"	3s 28Deg 3' 45"	11s 16Deg 8'	9s 11Deg 19'	5s 29Deg 0'	11s 11Deg 13'	8s 1Deg 22'	4s 9Deg 14'	4s 9Deg 57'	14S 2	13N 9	9	Poornima	
12/02/17	21h 30 min 54	9s 29Deg 21' 43"	4s 11Deg 34' 43"	11s 16Deg 52'	9s 12Deg 52'	5s 28Deg 59'	11s 11Deg 52'	8s 1Deg 27'	4s 9Deg 14'	4s 9Deg 54'	13S 42	9N 38	10	K 2	
13/02/17	21h 34 min 50	10s 0Deg 22' 22"	4s 24Deg 46' 36"	11s 17Deg 37'	9s 14Deg 25'	5s 28Deg 58'	11s 12Deg 30'	8s 1Deg 32'	4s 9Deg 14'	4s 9Deg 51'	13S 22	5N 42	11	K 3	
14/02/17	21h 38 min 47	10s 1Deg 22' 59"	5s 7Deg 39' 4"	11s 18Deg 21'	9s 15Deg 59'	5s 28Deg 57'	11s 13Deg 6'	8s 1Deg 36'	4s 9Deg 15'	4s 9Deg 48'	13S 2	1N 37	12	K 4	
15/02/17	21h 42 min 43	10s 2Deg 23' 35"	5s 20Deg 13' 11"	11s 19Deg 5'	9s 17Deg 34'	5s 28Deg 55'	11s 13Deg 40'	8s 1Deg 41'	4s 9Deg 16'	4s 9Deg 44'	12S 41	2S 27	13	K 4	
16/02/17	21h 46 min 40	10s 3Deg 24' 10"	6s 2Deg 31' 19"	11s 19Deg 49'	9s 19Deg 10'	5s 28Deg 53'	11s 14Deg 14'	8s 1Deg 46'	4s 9Deg 17'	4s 9Deg 41'	12S 20	6S 19	14	K 5	
17/02/17	21h 50 min 37	10s 4Deg 24' 44"	6s 14Deg 36' 49"	11s 20Deg 34'	9s 20Deg 46'	5s 28Deg 51'	11s 14Deg 46'	8s 1Deg 50'	4s 9Deg 17'	4s 9Deg 38'	11S 59	9S 51	15	K 6	
18/02/17	21h 54 min 33	10s 5Deg 25' 16"	6s 26Deg 33' 44"	11s 21Deg 18'	9s 22Deg 24'	5s 28Deg 49'	11s 15Deg 16'	8s 1Deg 54'	4s 9Deg 17'	4s 9Deg 35'	11S 38	12S 56	16	K 7	
19/02/17	21h 58 min 30	10s 6Deg 25' 47"	7s 8Deg 26' 38"	11s 22Deg 2'	9s 24Deg 2'	5s 28Deg 47'	11s 15Deg 44'	8s 1Deg 59'	4s 9Deg 17'	4s 9Deg 32'	11S 17	15S 29	17	K 8	
20/02/17	22h 2 min 26	10s 7Deg 26' 17"	7s 20Deg 20' 12"	11s 22Deg 46'	9s 25Deg 42'	5s 28Deg 44'	11s 16Deg 11'	8s 2Deg 3'	4s 9Deg 17'	4s 9Deg 29'	10S 56	17S 22	18	K 9	
21/02/17	22h 6 min 23	10s 8Deg 26' 45"	8s 2Deg 19' 6"	11s 23Deg 30'	9s 27Deg 22'	5s 28Deg 42'	11s 16Deg 37'	8s 2Deg 7'	4s 9Deg 17'	4s 9Deg 25'	10S 34	18S 31	19	K 10	
22/02/17	22h 10 min 19	10s 9Deg 27' 12"	8s 14Deg 27' 42"	11s 24Deg 14'	9s 29Deg 3'	5s 28Deg 39'	11s 17Deg 0'	8s 2Deg 11'	4s 9Deg 17'	4s 9Deg 22'	10S 12	18S 51	20	K 11	
23/02/17	22h 14 min 16	10s 10Deg 27' 38"	8s 26Deg 49' 45"	11s 24Deg 58'	10s 0Deg 45'	5s 28Deg 36'	11s 17Deg 22'	8s 2Deg 15'	4s 9Deg 17'	4s 9Deg 19'	9S 50	18S 16	21	K 12	
24/02/17	22h 18 min 12	10s 11Deg 28' 3"	9s 9Deg 28' 14"	11s 25Deg 42'	10s 2Deg 28'	5s 28Deg 33'	11s 17Deg 41'	8s 2Deg 19'	4s 9Deg 17'	4s 9Deg 16'	9S 28	16S 47	21	K 13	

Date	Sidereal Time (Noon)	Nirayana Longitudes at 5:30 Hrs IST (0:00 Hrs UT)										Declination		Nak	Tithi
		Ravi	Chandra	Kuja	Budha	Guru	Shukra	Shani	Rahu (True)	Rahu (Mean)	Ravi	Chandra			
25/02/17	22h 22 min 9	10s 12Deg 28' 25"	9s 22Deg 25' 1"	11s 26Deg 26'	10s 4Deg 13'	5s 28Deg 29'	11s 17Deg 59'	8s 2Deg 23'	4s 9Deg 18'	4s 9Deg 13'	9S 6	14S 25	22	K 14	
26/02/17	22h 26 min 6	10s 13Deg 28' 47"	10s 5Deg 40' 43"	11s 27Deg 10'	10s 5Deg 58'	5s 28Deg 26'	11s 18Deg 15'	8s 2Deg 27'	4s 9Deg 18'	4s 9Deg 9'	8S 44	11S 14	23	Amavasya	
27/02/17	22h 30 min 2	10s 14Deg 29' 6"	10s 19Deg 14' 36"	11s 27Deg 53'	10s 7Deg 44'	5s 28Deg 22'	11s 18Deg 28'	8s 2Deg 30'	4s 9Deg 18'	4s 9Deg 6'	8S 21	7S 24	24	S 1	
28/02/17	22h 33 min 59	10s 15Deg 29' 24"	11s 3Deg 4' 34"	11s 28Deg 37'	10s 9Deg 31'	5s 28Deg 18'	11s 18Deg 40'	8s 2Deg 34'	4s 9Deg 17'	4s 9Deg 3'	7S 58	3S 5	25	S 2	
01/03/17	22h 37 min 55	10s 16Deg 29' 40"	11s 17Deg 7' 29"	11s 29Deg 21'	10s 11Deg 19'	5s 28Deg 14'	11s 18Deg 49'	8s 2Deg 37'	4s 9Deg 17'	4s 9Deg 0'	7S 36	1N 27	27	S 3	
02/03/17	22h 41 min 52	10s 17Deg 29' 54"	0s 1Deg 19' 27"	0s 0Deg 5'	10s 13Deg 8'	5s 28Deg 10'	11s 18Deg 56'	8s 2Deg 41'	4s 9Deg 16'	4s 8Deg 57'	7S 13	5N 57	1	S 4	
03/03/17	22h 45 min 48	10s 18Deg 30' 6"	0s 15Deg 36' 20"	0s 0Deg 48'	10s 18Deg 58'	5s 28Deg 5'	11s 19Deg 0'	8s 2Deg 44'	4s 9Deg 15'	4s 8Deg 54'	6S 50	10N 8	2	S 5	
04/03/17	22h 49 min 45	10s 19Deg 30' 16"	0s 29Deg 54' 13"	0s 1Deg 32'	10s 16Deg 50'	5s 28Deg 1'	11s 19Deg 2'	8s 2Deg 47'	4s 9Deg 14'	4s 8Deg 50'	6S 27	13N 43	3	S 6	
05/03/17	22h 53 min 41	10s 20Deg 30' 24"	1s 14Deg 9' 42"	0s 2Deg 16'	10s 18Deg 42'	5s 27Deg 56'	11s 19Deg 2'	8s 2Deg 51'	4s 9Deg 13'	4s 8Deg 47'	6S 4	16N 29	4	S 7	
06/03/17	22h 57 min 38	10s 21Deg 30' 29"	1s 28Deg 20' 2"	0s 2Deg 59'	10s 20Deg 35'	5s 27Deg 51'	11s 18Deg 59'	8s 2Deg 54'	4s 9Deg 13'	4s 8Deg 44'	5S 40	18N 15	5	S 9	
07/03/17	23h 1 min 35	10s 22Deg 30' 33"	2s 12Deg 23' 12"	0s 3Deg 43'	10s 22Deg 29'	5s 27Deg 46'	11s 18Deg 54'	8s 2Deg 57'	4s 9Deg 14'	4s 8Deg 41'	5S 17	18N 52	6	S 10	
08/03/17	23h 5 min 31	10s 23Deg 30' 34"	2s 26Deg 17' 36"	0s 4Deg 26'	10s 24Deg 24'	5s 27Deg 41'	11s 18Deg 46'	8s 2Deg 59'	4s 9Deg 15'	4s 8Deg 38'	4S 54	18N 20	7	S 11	
09/03/17	23h 9 min 28	10s 24Deg 30' 33"	3s 10Deg 2' 2"	0s 5Deg 9'	10s 26Deg 20'	5s 27Deg 36'	11s 18Deg 36'	8s 3Deg 2'	4s 9Deg 16'	4s 8Deg 34'	4S 30	16N 43	8	S 12	
10/03/17	23h 13 min 24	10s 25Deg 30' 30"	3s 23Deg 35' 23"	0s 5Deg 53'	10s 28Deg 16'	5s 27Deg 30'	11s 18Deg 23'	8s 3Deg 5'	4s 9Deg 17'	4s 8Deg 31'	4S 7	14N 10	9	S 13	
11/03/17	23h 17 min 21	10s 26Deg 30' 25"	4s 6Deg 56' 40"	0s 6Deg 36'	11s 0Deg 14'	5s 27Deg 25'	11s 18Deg 8'	8s 3Deg 8'	4s 9Deg 18'	4s 8Deg 28'	3S 43	10N 54	10	S 14	
12/03/17	23h 21 min 17	10s 27Deg 30' 18"	4s 20Deg 5' 0"	0s 7Deg 19'	11s 2Deg 11'	5s 27Deg 19'	11s 17Deg 50'	8s 3Deg 10'	4s 9Deg 17'	4s 8Deg 25'	3S 20	7N 8	11	Poornima	
13/03/17	23h 25 min 14	10s 28Deg 30' 9"	5s 2Deg 59' 44"	0s 8Deg 3'	11s 4Deg 10'	5s 27Deg 13'	11s 17Deg 30'	8s 3Deg 12'	4s 9Deg 16'	4s 8Deg 22'	2S 56	3N 6	12	K 1	
14/03/17	23h 29 min 10	10s 29Deg 29' 59"	5s 15Deg 40' 38"	0s 8Deg 46'	11s 6Deg 8'	5s 27Deg 7'	11s 17Deg 7'	8s 3Deg 15'	4s 9Deg 14'	4s 8Deg 19'	2S 33	1S 0	13	K 2	
15/03/17	23h 33 min 7	11s 0Deg 29' 46"	5s 28Deg 8' 6"	0s 9Deg 29'	11s 0Deg 6'	5s 27Deg 1'	11s 16Deg 42'	8s 3Deg 17'	4s 9Deg 11'	4s 8Deg 15'	2S 9	4S 59	14	K 3	
16/03/17	23h 37 min 3	11s 1Deg 29' 31"	6s 10Deg 23' 15"	0s 10Deg 12'	11s 10Deg 5'	5s 26Deg 55'	11s 16Deg 16'	8s 3Deg 19'	4s 9Deg 7'	4s 8Deg 12'	1S 45	8S 41	15	K 4	
17/03/17	23h 41 min 0	11s 2Deg 29' 15"	6s 22Deg 28' 1"	0s 10Deg 55'	11s 12Deg 2'	5s 26Deg 48'	11s 15Deg 47'	8s 3Deg 21'	4s 9Deg 3'	4s 8Deg 9'	1S 21	11S 59	16	K 5	
18/03/17	23h 44 min 57	11s 3Deg 28' 57"	7s 4Deg 25' 10"	0s 11Deg 38'	11s 13Deg 59'	5s 26Deg 42'	11s 15Deg 16'	8s 3Deg 23'	4s 9Deg 0'	4s 8Deg 6'	0S 58	14S 44	17	K 6	
19/03/17	23h 48 min 53	11s 4Deg 28' 37"	7s 16Deg 18' 12"	0s 12Deg 21'	11s 15Deg 55'	5s 26Deg 35'	11s 14Deg 44'	8s 3Deg 25'	4s 8Deg 57'	4s 8Deg 3'	0S 34	16S 52	17	K 6	
20/03/17	23h 52 min 50	11s 5Deg 28' 15"	7s 28Deg 11' 14"	0s 13Deg 4'	11s 17Deg 49'	5s 26Deg 29'	11s 14Deg 10'	8s 3Deg 27'	4s 8Deg 56'	4s 8Deg 0'	0S 10	18S 17	18	K 7	
21/03/17	23h 56 min 46	11s 6Deg 27' 52"	8s 10Deg 8' 51"	0s 13Deg 47'	11s 19Deg 42'	5s 26Deg 22'	11s 13Deg 35'	8s 3Deg 28'	4s 8Deg 56'	4s 7Deg 56'	0N 13	18S 54	19	K 8	
22/03/17	0h 0 min 43	11s 7Deg 27' 27"	8s 22Deg 15' 51"	0s 14Deg 30'	11s 21Deg 32'	5s 26Deg 15'	11s 12Deg 59'	8s 3Deg 30'	4s 8Deg 57'	4s 7Deg 53'	0N 37	18S 39	20	K 9	
23/03/17	0h 4 min 39	11s 8Deg 27' 0"	9s 4Deg 36' 59"	0s 15Deg 13'	11s 23Deg 19'	5s 26Deg 8'	11s 12Deg 22'	8s 3Deg 31'	4s 8Deg 58'	4s 7Deg 50'	1N 1	17S 31	21	K 10	
24/03/17	0h 8 min 36	11s 9Deg 26' 31"	9s 17Deg 16' 34"	0s 15Deg 55'	11s 25Deg 3'	5s 26Deg 1'	11s 11Deg 45'	8s 3Deg 33'	4s 9Deg 0'	4s 7Deg 47'	1N 24	15S 30	22	K 11	
25/03/17	0h 12 min 32	11s 10Deg 26' 0"	10s 0Deg 18' 5"	0s 16Deg 38'	11s 26Deg 44'	5s 25Deg 54'	11s 11Deg 7'	8s 3Deg 34'	4s 9Deg 1'	4s 7Deg 44'	1N 48	12S 38	23	K 12	
26/03/17	0h 16 min 29	11s 11Deg 25' 28"	10s 13Deg 43' 38"	0s 17Deg 21'	11s 28Deg 20'	5s 25Deg 46'	11s 10Deg 29'	8s 3Deg 35'	4s 9Deg 1'	4s 7Deg 40'	2N 12	9S 2	24	K 13	
27/03/17	0h 20 min 26	11s 12Deg 24' 54"	10s 27Deg 33' 27"	0s 18Deg 3'	11s 29Deg 52'	5s 25Deg 39'	11s 9Deg 52'	8s 3Deg 36'	4s 9Deg 0'	4s 7Deg 37'	2N 35	4S 50	25	K 14	
28/03/17	0h 24 min 22	11s 13Deg 24' 18"	11s 11Deg 45' 27"	0s 18Deg 46'	0s 1Deg 19'	5s 25Deg 32'	11s 9Deg 15'	8s 3Deg 37'	4s 8Deg 57'	4s 7Deg 34'	2N 59	0S 16	26	Amavasya	
29/03/17	0h 28 min 19	11s 14Deg 23' 39"	11s 26Deg 15' 13"	0s 19Deg 29'	0s 2Deg 40'	5s 25Deg 24'	11s 8Deg 38'	8s 3Deg 38'	4s 8Deg 53'	4s 7Deg 31'	3N 22	4N 25	27	S 1	
30/03/17	0h 32 min 15	11s 15Deg 22' 59"	0s 10Deg 56' 21"	0s 20Deg 11'	0s 3Deg 56'	5s 25Deg 17'	11s 8Deg 3'	8s 3Deg 39'	4s 8Deg 47'	4s 7Deg 28'	3N 45	8N 53	1	S 3	
31/03/17	0h 36 min 12	11s 16Deg 22' 17"	0s 25Deg 41' 19"	0s 20Deg 54'	0s 5Deg 6'	5s 25Deg 9'	11s 7Deg 29'	8s 3Deg 40'	4s 8Deg 41'	4s 7Deg 25'	4N 9	12N 49	2	S 4	
31/03/16	0h 37 min 9	11s 16Deg 37' 25"	8s 9Deg 11' 1"	7s 13Deg 4'	11s 24Deg 5'	4s 21Deg 27'	10s 28Deg 52'	7s 22Deg 17'	4s 27Deg 31'	4s 26Deg 45'	4N 14	18S 14	19	K 7	

Ayanamsha	
01 January 2017	24deg 5 min 40 sec
01 February 2017	24deg 5 min 44 sec
01 March 2017	24deg 5 min 48 sec
01 April 2016	24deg 5 min 2 sec
01 May 2016	24deg 5 min 6 sec
01 June 2016	24deg 5 min 10 sec
01 July 2016	24deg 5 min 15 sec
01 August 2016	24deg 5 min 19 sec
01 September 2016	24deg 5 min 23 sec
01 October 2016	24deg 5 min 27 sec
01 November 2016	24deg 5 min 32 sec
01 December 2016	24deg 5 min 36 sec