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**RASHTRIYA
PANCHANG
(ENGLISH)
SAKA ERA 1941
KALI ERA 5119-20
(2019 - 2020 A. D.)**

**PUBLISHED BY
THE DIRECTOR GENERAL OF METEOROLOGY
POSITIONAL ASTRONOMY CENTRE
India Meteorological Department
(Ministry of Earth Sciences)**

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LODI ROAD, NEW DELHI
2018

RASHTRIYA PANCHANG FOR 1941 SAKA ERA

PREFACE

Rashtriya Panchang is being published by India Meteorological Department since 1879 Saka Era (1957 - 58 A.D.). This publication is brought out with the objective to unify the divergent practices of calendar systems existing in different regions of the country and also to promote panchang calculations on modern scientific principles. The Rashtriya Panchang is published in Assamese, Bengali, English, Gujarati, Hindi, Kannada, Malayalam, Marathi, Oriya, Punjabi, Sanskrit, Tamil, Telugu and Urdu.

This Publication contains important astronomical information on sidereal time, equation of time, timings of sunrise, sunset, moonrise, moonset, in addition to usual panchang information like tithi, nakshatra, yoga, karana, transit time of the sun, moon and planets to nirayana rasis and nakshatras, beginning of lagnas for central station of India, nirayana longitudes of the sun, moon, planets and rahu etc. Items like Julian day number, kali ahargana, moon's age, declination of the sun, midday time and also beginning of lagnas around sunrise time for four metropolitan cities are also available on daily basis. Computations of all above items are based on modern scientific formulae. Further, the days for observing principal festivals and anniversaries have been listed on a separate page. For the convenience of users of panchang, important items have been explained under 'Details of the Panchang'.

The work of preparation and publication of this Rashtriya Panchang for 1941 Saka Era (2019 - 20 A.D.) has been carried out at Positional Astronomy Centre of this Department at Kolkata under the guidance of Shri Sanjib Sen, Director.

It is hoped that this publication would serve as a standard panchang for the country and will be used as a source for obtaining correct calendric data.

Dr. K. J. Ramesh
Director General of Meteorology
India Meteorological Department

Mausam Bhawan,
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New Delhi - 110003
02 Bhadra, 1940 Saka Era.
09 Bhadra, 5119 Kali Era.
24 August, 2018 A. D.

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PRINCIPAL FESTIVALS AND ANNIVERSARIES
1941 SAKA ERA, 5119-20 KALI ERA (2019-2020 A.D.)

	1941 S.E.	5119 K.E.	2019 A.D.	
1 Indian New Year's Day	01 Chaitra	(ni) 08 Chaitra	22 Mar.	(Fri)
2 Chaitra Sukladi (Gudi Padava, Ugadi), Cheti Chand (Sindhi New Year's Day), Telugu New Year's Day, Vasanta Navaratrarambha	16 Chaitra	(ni) 23 Chaitra	06 Apr.	(Sat)
3 Gauri Tritiya	18 Chaitra	(ni) 25 Chaitra	08 Apr.	(Mon)
4 Oli Begins(Jain)	21 Chaitra	(ni) 28 Chaitra	11 Apr.	(Thu)
5 Vasanti Pujarambha	22 Chaitra	(ni) 29 Chaitra	12 Apr.	(Fri)
6 Rama Navami (Smarta), Annapurna Puja	23 Chaitra	(ni) 30 Chaitra	13 Apr.	(Sat)
		5120 K.E.		
7 Visu (Kerala), Chadak Puja (Bengal), Chaitra Samkranti, Meshadi (Tamil Nadu), Dr. B. R. Ambedkar Jayanti, Vaisakhi (Punjab, Haryana, Himachal Pradesh, Delhi & Odisha), Cheiraoba (Manipur), New year of All India Nirayana (5120 KE) Calendar.	24 Chaitra	(ni) 01 Vaisakha	14 Apr.	(Sun)
8 Vaisakhadi (Bengal), Bahag Bihu (Assam), Shilhenba (Manipur)	25 Chaitra	(ni) 02 Vaisakha	15 Apr.	(Mon)
9 Mahavira Jayanti (Jain)	27 Chaitra	(ni) 04 Vaisakha	17 Apr.	(Wed)
10 Oli Ends (Jain), Good Friday	29 Chaitra	(ni) 06 Vaisakha	19 Apr.	(Fri)
11 Easter Saturday	30 Chaitra	(ni) 07 Vaisakha	20 Apr.	(Sat)
12 Sab-e-Barat (Preceding night), Easter Sunday	01 Vaisakha	(ni) 08 Vaisakha	21 Apr.	(Sun)
13 Babu-Kuer-Singh Day (Bihar)	03 Vaisakha	(ni) 10 Vaisakha	23 Apr.	(Tue)
14 May Day	11 Vaisakha	(ni) 18 Vaisakha	01 May	(Wed)
15 Parasuram Jayanti, Akshaya Tritiya First Day of Ramadan	17 Vaisakha	(ni) 24 Vaisakha	07 May	(Tue)
16 Sri Sankaracharya Jayanti, Sri Ramanujacharya Jayanti (S.India) Birthday of Rabindra Nath Tagore	19 Vaisakha	(ni) 26 Vaisakha	09 May	(Thu)
17 Sri Ramanujacharya Jayanti	20 Vaisakha	(ni) 27 Vaisakha	10 May	(Fri)
18 Trichur Pooram (Kerala)	23 Vaisakha	(ni) 30 Vaisakha	13 May	(Mon)
19 Meenakshi Kalyanam	24 Vaisakha	(ni) 31 Vaisakha	14 May	(Tue)
20 Vaisakhi Purnima, Buddha Purnima (Beginning of Buddha era)	28 Vaisakha	(ni) 04 Jyaishtha	18 May	(Sat)
21 Ascension (Holy) Thursday (Christian)	09 Jyaishtha	(ni) 16 Jyaishtha	30 May	(Thu)
22 Jamat-ul-Vida	10 Jyaishtha	(ni) 17 Jyaishtha	31 May	(Fri)
23 Sab-e-Qadr (Preceding night)	12 Jyaishtha	(ni) 19 Jyaishtha	02 June	(Sun)
24 Id-ul-Fitr	15 Jyaishtha	(ni) 22 Jyaishtha	05 June	(Wed)
25 Pratap Jayanti	16 Jyaishtha	(ni) 23 Jyaishtha	06 June	(Thu)
26 Jamatri Shashthi (Bengal)	18 Jyaishtha	(ni) 25 Jyaishtha	08 June	(Sat)
27 Rathayatra	13 Ashadha	(ni) 20 Ashadha	04 July	(Thu)
28 Kharchi Puja (Tripura)	18 Ashadha	(ni) 25 Ashadha	09 July	(Tue)
29 Ker Puja (Tripura)	01 Sravana	(ni) 08 Sravana	23 July	(Tue)
30 Madhusrava Tritiya (Teej)	12 Sravana	(ni) 19 Sravana	03 Aug	(Sat)
31 Naga Panchami	14 Sravana	(ni) 21 Sravana	05 Aug	(Mon)
32 Id-uz- Zuha (Bakrid)	21 Sravana	(ni) 28 Sravana	12 Aug.	(Mon)

PRINCIPAL FESTIVALS AND ANNIVERSARIES

1941 SAKA ERA, 5119-20 KALI ERA (2019-2020 A. D.)

	1941 S.E.	5120 K.E.	2019 A.D.	
33 Independence Day, Raksha Bandhan, Amarnath Yatra	24 Sravana	(ni) 31 Sravana	15 Aug.	(Thu)
34 Parsi New Year's Day, Simhadi (Kerala)	26 Sravana	(ni) 02 Bhadra	17 Aug.	(Sat)
35 Janmashtami (Smarta)	01 Bhadra	(ni) 08 Bhadra	23 Aug.	(Fri)
36 Janmashtami (Vaishnava), Gokulashtami (Nandotsava)	02 Bhadra	(ni) 09 Bhadra	24 Aug.	(Sat)
37 Tithi of Shri Shankara Deva (Assam), Hejira New Year's Day	10 Bhadra	(ni) 17 Bhadra	01 Sept.	(Sun)
38 Ganesh Chaturthi, Vinayaka Chaturthi (S.India)	11 Bhadra	(ni) 18 Bhadra	02 Sept.	(Mon)
39 Muharram	19 Bhadra	(ni) 26 Bhadra	10 Sept.	(Tue)
40 Onam (Thiru Onam Day)	20 Bhadra	(ni) 27 Bhadra	11 Sept.	(Wed)
41 Viswakarma Puja	26 Bhadra	(ni) 02 Asvina	17 Sept.	(Tue)
42 Mahalaya Amavasya	06 Asvina	(ni) 13 Asvina	28 Sept.	(Sat)
43 Maharaja Agrasen's Jayanti,	07 Asvina	(ni) 14 Asvina	29 Sept.	(Sun)
44 Jewish New Year's Day (Rosh Hashnah)	08 Asvina	(ni) 15 Asvina	30 Sept.	(Mon)
45 Mahatma Gandhi's Birthday	10 Asvina	(ni) 17 Asvina	02 Oct..	(Wed)
46 Durga Puja (Saptami)	13 Asvina	(ni) 20 Asvina	05 Oct.	(Sat)
47 Durga Puja (Mahashtami)	14 Asvina	(ni) 21 Asvina	06 Oct.	(Sun)
48 Durga Puja (Maha Navami), Ayudha Puja	15 Asvina	(ni) 22 Asvina	07 Oct.	(Mon)
49 Vijaya Dasami (Dussehra/Dasahara)	16 Asvina	(ni) 23 Asvina	08 Oct.	(Tue)
50 Kojagari Lakshmi Puja, Maharshi Valmiki's Birthday	21 Asvina	(ni) 28 Asvina	13 Oct.	(Sun)
51 Karaka Chaturthi (Karwa Chouth)	25 Asvina	(ni) 02 Kartika	17 Oct.	(Thu)
52 Kali Puja, Deepavali, Lakshmi Puja	05 Kartika	(ni) 12 Kartika	27 Oct.	(Sun)
53 Govardhana Puja, Kartika Sukladi	06 Kartika	(ni) 13 Kartika	28 Oct.	(Mon)
54 Bhratri Dvitiya (Bengal), Bhai Duj	07 Kartika	(ni) 14 Kartika	29 Oct.	(Tue)
55 Chhat (Bihar)	11 Kartika	(ni) 18 Kartika	02 Nov.	(Sat)
56 Milad-un-Nabi or Id-e-Milad,(Birthday of the Prophet), Fateha Dwazdaham or Bara Wafat	19 Kartika	(ni) 26 Kartika	10 Nov.	(Sun)
57 Guru Nanak's Birthday, Pushkar Fair	21 Kartika	(ni) 28 Kartika	12 Nov.	(Tue)
58 Guru Teg Bahadur's Martyrdom Day	03 Agrahayana	(ni) 10 Agrahayana	24 Nov.	(Sun)
59 Fateha Yazdaham (Giarhween Sharif)	18 Agrahayana	(ni) 25 Agrahayana	09 Dec.	(Mon)
60 Christmas Eve	03 Pausha	(ni) 10 Pausha	24 Dec.	(Tue)
61 Christmas Day	04 Pausha	(ni) 11 Pausha	25 Dec.	(Wed)
2020 A.D.				
62 English New Year's Day	11 Pausha	(ni) 18 Pausha	01 Jan.	(Wed)
63 Guru Gobind Singh's Birthday	12 Pausha	(ni) 19 Pausha	02 Jan.	(Thu)
64 Lohri (Punjab, J & K)	23 Pausha	(ni) 30 Pausha	13 Jan.	(Mon)
65 Bhogi (S. India)	24 Pausha	(ni) 01 Magha	14 Jan.	(Tue)
66 Makara Samkranti (Bengal), Makaradi Snana, Tamil New Year's Day, Magha Bihu (Assam), Pongal (S. India), Taipongal (Kerala), Tila Samkranti, Makara Samkranti (N. India)	25 Pausha	(ni) 02 Magha	15 Jan.	(Wed)

PRINCIPAL FESTIVALS AND ANNIVERSARIES
1941 SAKA ERA, 5119-20 KALI ERA (2019-2020 A. D.)

	1941 S.E.	5120 K.E.	2020 A.D.	
67 Mattu Pongal (South India), Kanuvu	26 Pausha	(ni) 03 Magha	16 Jan.	(Thu)
68 Netaji's Birthday	03 Magha	(ni) 10 Magha	23 Jan.	(Thu)
69 Republic Day	06 Magha	(ni) 13 Magha	26 Jan.	(Sun)
70 Sri Panchami, Sarasvati Puja	10 Magha	(ni) 17 Magha	30 Jan.	(Thu)
71 Floating festival, Tai Poosam	19 Magha	(ni) 26 Magha	08 Feb.	(Sat)
72 Guru Ravidas's Birthday (According to tithi)	20 Magha	(ni) 27 Magha	09 Feb.	(Sun)
73 Birthday of Swami Dayananda Saraswati (Founder of Arya Samaj) (According to tithi)	29 Magha	(ni) 06 Phalguna	18 Feb.	(Tue)
74 Sivaji Jayanti	30 Magha	(ni) 07 Phalguna	19 Feb.	(Wed)
75 Maha Sivaratri	02 Phalguna	(ni) 09 Phalguna	21 Feb.	(Fri)
76 Birthday of Shri Ramakrishna (According to tithi)	06 Phalguna	(ni) 13 Phalguna	25 Feb.	(Tue)
77 Ash Wednesday	07 Phalguna	(ni) 14 Phalguna	26 Feb.	(Wed)
78 Birthday of Shri Chaitanya, Dolyatra, Hazrat Ali's Birthday, Holikadahana	19 Phalguna	(ni) 26 Phalguna	09 Mar.	(Mon)
79 Holi	20 Phalguna	(ni) 27 Phalguna	10 Mar.	(Tue)
80 Indian year ending day	30 Phalguna	(ni) 06 Chaitra	20 Mar.	(Fri)
	1942 S.E.			
81 Indian New Year's Day	01 Chaitra	(ni) 07 Chaitra	21 Mar.	(Sat)
82 Chaitra Sukladi (Gudi Padava, Ugadi), Cheti Chand (Sindhi New Year's Day), Telugu New Year's Day, Vasanta Navaratrarambha	05 Chaitra	(ni) 11 Chaitra	25 Mar.	(Wed)
83 Gauri Tritiya (Gangaur)	07 Chaitra	(ni) 13 Chaitra	27 Mar.	(Fri)
84 Vasanti Pujarambha, Oli Begins (Jain)	11 Chaitra	(ni) 17 Chaitra	31 Mar.	(Tue)
85 Annapurna Puja	12 Chaitra	(ni) 18 Chaitra	01 Apr.	(Wed)
86 Rama Navami	13 Chaitra	(ni) 19 Chaitra	02 Apr.	(Thu)
87 Mahavira Jayanti(Jain)	17 Chaitra	(ni) 23 Chaitra	06 Apr.	(Mon)
88 Sab-e-Barat (Preceding night)	20 Chaitra	(ni) 26 Chaitra	09 Apr.	(Thu)
89 Good Friday	21 Chaitra	(ni) 27 Chaitra	10 Apr.	(Fri)
90 Easter(Holy) Saturday	22 Chaitra	(ni) 28 Chaitra	11 Apr.	(Sat)
91 Easter(Holy) Sunday	23 Chaitra	(ni) 29 Chaitra	12 Apr.	(Sun)
92 Chaitra Samkranti, Chadak Puja(Bengal), Cheiraoba (Manipur), Visu(Kerala), Vaisakhi(Punjab,Hariyana, Himachal Pradesh, Delhi and Odisha), Mesha Samkranti(Odisha)	24 Chaitra	(ni) 30 Chaitra	13 Apr.	(Mon)
		5121 K.E.		
93 Dr. B. R. Ambedkar Jayanti, Vaisakhadi (Bengal), Bahag Bihu(Assam), Shilhenba(Manipur), Meshadi (Tamil Nadu), Beginning of All India Nirayana (5121 KE) Calendar	25 Chaitra	(ni) 01 Vaisakha	14 Apr.	(Tue)

EXPLANATION

The calendar dates shown in the daily text of this Panchang are those of National Calendar, All-India Nirayana Solar Calendar, Gregorian Calendar and Islamic Calendar. The calendar known as 'National Calendar' was introduced by the Govt. of India with effect from 22 March 1957, corresponding to the 1st day of the year of this calendar which was 1 Chaitra 1879 Saka Era. Thereafter, with effect from 14 April 2004 or from 25 Chaitra 1926 Saka Era of the National Calendar, Govt. of India introduced a uniform All-India Nirayana Solar Calendar corresponding to 1 Vaisakha, 5105 Kali Era, Kali Era being chosen as the era for this calendar. This Nirayana Calendar has fixed number of days for its month and consequently has leap years at required intervals. The intention for introducing this calendar has been that it would progressively replace the divergent regional Nirayana Solar Calendars and bring about uniformity in our traditional calendric system.

The length of the year of the National Calendar is that of the tropical year, and its Saka Era begins from the vernal equinox day of 78 A.D. The leap years of this calendar are determined by adding 78 years to its Saka Era years and then if the sum becomes divisible by 4 then that year will be a leap year. But when this sum becomes a multiple of 100, it would be a leap year only when it is divisible by 400, otherwise it would be a common year. This method has been adopted for the reason that leap years of the National Calendar occur in the same year period as that of Gregorian Calendar so as to maintain a permanent link between the dates of these two calendars.

The epoch of Kali Era adopted for All-India Nirayana Calendar is midnight (IST) of 17/18 February of 3102 B.C. or -3101 A.D. of Julian calendar and the length of its year is reckoned on the basis of true length of sidereal or nirayana year. For calendric purposes, the All-India Nirayana Calendar has been deemed to have started from 5101 Kali Era year. The methodology for determining leap year of this calendar is given below:

If a Kali Era is divisible by 4 but not divisible by 4000, then that year is considered as a leap year. Accordingly Kali Era years like 5104, 5108, 5112....etc are leap years but 4000, 8000, 12000... etc. are not leap years. There are also additional leap years. If a Kali Era year becomes divisible by 150 then the subsequent year of that Kali Era year will be an additional leap year. Accordingly Kali Era years like 5101, 5251, 5401... etc. are additional leap years.

In the table below, the months of National and Nirayana Calendars, number of days assigned to each month of two calendars and the dates of Gregorian Calendar corresponding to the first day of each month of these two calendars have been detailed.

Months of National Calendar	No. of days	Gregorian date of 1st of the months	Months of Nirayana Calendar	No. of days	Gregorian date of 1st of the months
Chaitra (Caitra)	30 days (31 days (in a leap-year)	22 March 21 March)	Vaisakha (Vaiśākha)	31 days	14 April
Vaisakha (Vaiśākha)	31 days	21 April	Jyaishtha (Jaiṣṭha)	31 days	15 May
Jyaishtha (Jyaiṣṭha)	31 days	22 May	Ashadha (Āṣāḍha)	31 days	15 June
Ashadha (Āṣāḍha)	31 days	22 June	Shravana (Śrāvaṇa)	31 days	16 July
Shravana (Śrāvaṇa)	31 days	23 July	Bhadra (Bhādra)	31 days	16 Aug.
Bhadra (Bhādra)	31 days	23 Aug.	Asvina (Āśvina)	30 days	16 Sept.
Asvina (Āśvina)	30 days	23 Sept.	Kartika (Kārtika)	30 days	16 Oct.
Kartika (Kārtika)	30 days	23 Oct.	Agrahayana (Agrahāyana)	30 days	15 Nov.
Agrahayana (Agrahāyana)	30 days	22 Nov.	Pausha (Pauṣa)	30 days	15 Dec.
Pausha (Pauṣa)	30 days	22 Dec.	Magha (Māgha)	30 days	14 Jan.
Magha (Māgha)	30 days	21 Jan.	Phalgun (Phālguna)	30 days (31 days in a leap-year)	13 Feb.
Phalgun (Phālguna)	30 days	20 Feb.	Chaitra (Caitra)	30 days	15 Mar.

Timings of some elements in the panchang have been calculated for an adopted **Central Station of India situated at 82° 30'**

Longitude East and 23° 11' Latitude North (same as Latitude of Ujjain), and for other matters it has been done with respect to local meridians. The timings of different phenomena given in this panchang are in local mean time of the Central Station, which is the same as Indian Standard Time. This time (I.S.T.) is 5h 30m ahead of the Universal Time or Greenwich Mean Time. In general, this panchang may be used for all regions of the country.

DETAILS OF THE PANCHANG

In the beginning of each month's daily panchang information, the data of the month of the National Calendar is provided along with the corresponding time period of the months of All-India Nirayana Calendar, kali aharganas, Julian days covering the month period of National Calendar as well as seasonal and astronomical information. In addition to five panchang elements, namely vaar, tithi, nakshatra, yoga, and karana, information is furnished for kali ahargana, Julian day, times of sunrise and sunset, and moonrise and moonset for an adopted Central Station of India, position of the moon in nirayana rasis, age of the moon corresponding to sunrise time for the adopted Central Station, declination of the sun, sidereal time (noon), equation of time, beginning of lagnas at four metropolitan cities at a time near to sunrise time at respective places, Midday times of these cities as well as Central station and all national festivals have been given for each day of the month of National Calendar. The symbols ● ☾ ○ ☾ indicate new moon, first quarter, full moon and last quarter respectively.

Tithi is the time period during which the moon gains 12 degrees or its integral multiples in longitude on the sun. The lunar months cover the period between two successive new moons or two successive full moons. Nakshatra is the time taken by the moon to traverse a segment of 13° 20' or its integral multiples of nirayana zodiac. There are in all 27 nakshatras covering 360° along the zodiac. Yoga is calculated from the sum of the nirayana longitudes of the sun and moon. When this sum amounts to 13° 20' the first yoga ends, when it amounts to 26° 40' the second yoga ends and so on. There are in all 27 yogas covering 360°. Karana is the time period during which the moon gains 6 degrees in longitude on the sun, and thus there are two karanas covering two half periods of tithimana. There are 7 karanas which repeat in a cyclic order starting from 2nd half of sukla pratipada and ending at 1st half of krishna chaturdasi. There are 4 sthira or non-recurring karanas which cover the period from 2nd half of krishna chaturdasi to 1st half of sukla pratipada. The full list of names of tithi, nakshatra, yoga, karana and rasi are given in the table on page xiv of the Rashtriya Panchang.

Kali ahargana is the number of days elapsed at 0h I.S.T. since midnight of 17/18th February, 3102 B.C. or -3101 A.D., and Julian day is the number of days elapsed at 05h - 30m I.S.T. since the Greenwich noon of January 1, 4713 B.C. The time of sunrise and sunset and also of moonrise and moonset relate to the appearance and disappearance of their upper limbs on the horizon and these are in I.S.T. These timings against a particular station given in I.S.T. can be reduced to local mean time (LMT) by applying correction, on the basis of longitude of the station. Moon's age is the number of mean solar days elapsed since the preceding new moon (conjunction) and here it has been reckoned at the moment of sunrise for the adopted Central Station on each day. Declination of a celestial object signifies its angular distance from the celestial equator and is measured along the perpendicular arc on the equator drawn through the object. It also indicates the position of the object on the celestial sphere north or south of the equator. The sidereal time is the measure of time defined by the diurnal apparent motion of the vernal equinox. Sidereal time (noon) is the hour angle of the vernal equinox at mean noon, i.e. it is the right ascension of the fictitious mean sun. The equation of time corresponds to 12h I.S.T. and has been defined as: 12h minus time of transit of mean sun over adopted central meridian and is applicable for the whole of India without much modification for the local noon. Depending on transit time, the equation of time may be positive as well as negative. Lagna timings shown against four metropolitan cities are the timings near to sunrise time when the point of ecliptic where 1st point of the mentioned rasi is located, will arise on, or touch the eastern horizon of the place. The midday or apparent noon is the middle of the day or the time when the sun is on the meridian of the place. The timings given are the mean times in I.S.T.

*The phenomena Sayana Vyatipata is defined when the sum of the tropical longitudes of the Sun and Moon equals 180° and Sayana Vaidhriti is when the above sum amounts to 360° .

In providing information on the timings of different phenomena, the sunrise system of reckoning the day has been followed in pursuance of the Indian convention. The day has been taken to begin for this purpose from the time of sunrise of an adopted Central Station. Tithis etc. which start after this time of sunrise and end before the time of next sunrise, have been shown under that day. The timings of any phenomena that continue beyond 24^h , that is, beyond midnight to the time of next sunrise which may happen at a time upto 30^h or so, have been indicated as 25^h , 26^h etc., meaning 1AM, 2AM etc of the next day of the Gregorian calendar. If the day starts at midnight it is indicated as 24^h or 0^h and also where 12^h means noon.

The text giving daily information of different astronomical phenomena, starts by giving the day of the week and is followed by the date of National Calendar, date of Nirayana Calendar- indicated by prefixing (*ni*), date of Gregorian Calendar and the date of Islamic Calendar. The dates of Islamic Calendar have been reckoned from the day following the first visibility of lunar crescent at the adopted Central Station. For those who wish to consult the Rashtriya Panchang to get information on calendric dates of various regional calendars, a table is provided in the beginning of the book giving the starting dates of months of different regional calendars.

For providing information about night sky for 12 months of the year, 12 number monthly star charts have been given in the text portion. Each chart corresponds to a particular Gregorian month. From a particular place, the stars corresponding to a particular month will be seen at 21h 30m, 20h 30m and 19h 30m of local mean time on the 1st, 16th and 30th of the month. The Star Chart meant for a particular day for a given hour can be used for the next day 4 minutes earlier and for the previous day 4 minutes later.

A graphical representation showing the movements of the sun and planets in nirayana rasis for the Gregorian year has been provided. From the graph, the timings of retrogression of the planets, conjunctions among the planets and that between the sun and planets, ingress of the planets into rasi segments, etc. can be assessed.

In the calculation of sunrise and sunset, atmospheric refraction is included and the times relate to the appearance and disappearance of the upper limb of the sun on the horizon. These times are in I.S.T. The amount of horizontal refraction taken for the purpose is $31'$ and that of the sun's semi-diameter is $16'$ so that at the moment when the upper limb of the sun is visible on the horizon, the centre of the sun is actually $47'$ below the horizon, the time equivalent of which is about 3.5 minutes.

The timings given against tithi, nakshatra, yoga and karana are their ending moments (i.e., when the span of the phenomena is completed). These moments having been given in I.S.T. and the phenomena being geocentric ones, the timings require no correction for other places, and are applicable for any place in the country in I.S.T. as given. These timings reduced by a deduction of 5h 30m would give the UT of the phenomena and is applicable for all places on the earth.

When the ending moment of a tithi, nakshatra or yoga does not occur within the period from sunrise to next sunrise i.e., when it covers the whole day, the fact is indicated by the term "ahoratra".

The tithis have been shown along with the names of the lunar month in which they fall. The lunar months have been reckoned from the day following the new moon and have been named after the nirayana solar month in which this initial new moon falls. For this purpose the solar months are reckoned to cover the period from exact time of ingress of the sun to the concerned rasi to the exact time of its transit to the next rasi. As such amanta or sukladi system (mukhya mana) of month reckoning has been followed.

The calculations of nakshatras and yogas have been done on the basis of variable ayanamsa (also called increasing ayanamsa). The value of this ayanamsa has been shown in Panchang for the first day of each month. In the calculation of the

beginning of the solar months like saura vaisakhadi etc., a fixed ayanamsa of 23°15' has been used. However, calculation of nakshatras is based on the nirayana system and hence they maintain a permanent relationship with the fixed stars. For the purpose of intercalation of lunar months with the solar months, the solar samkrantis have been computed according to nirayana system, while the saura months mentioned above are based on the sayana calculation and these conform to the present seasons for all time to come.

The transits of the sun and moon into nirayana rasis calculated on the basis of the variable ayanamsa (also called increasing ayanamsa) have been given in the body of the Panchang. Those of the sun and planets have been given separately at the end. The transits of the sun and planets into nakshatras, similarly calculated, have also been given separately. For the purpose of calculation of rasis and nakshatras, an initial point which occupies a fixed position on the ecliptic has been adopted as the origin for the measurement of longitudes. The position of this initial point coincides with that of vernal equinoctial point of vernal equinox day of 285 A.D. when ayanamsa was zero. However, for the purpose of assigning a precise position to this fixed point, the tropical longitude of this initial point has been adopted as 23° 15' 00" for 0h on 21st March, 1956.

Times of sunrise and sunset and of moonrise and moonset for four metropolitan cities, the beginning of different *lagnas* of the Central Station for each day of the year along with a correction table for different places and also the nirayana longitudes of the sun, moon and planets have been given at the end. The adopted mean longitude of the planets for Chaitra 1 together with appropriate *bija* correction to surya-siddhanta elements yielding these mean longitudes have been given on the last page.

Tables showing the heliacal rising and setting of planets (*udayasta*) calculated for the Central Station of India, retrogression and direct motion of the planets (*vakri* and *margi*) and a table of eclipses that are visible and invisible from India and a chart of visibility of planets have also been given at the end.

Data for 13 months of national calendar, viz. from Chaitra of current Saka Era to Chaitra of next Saka Era have been given in this Panchang so that panchang information for 12 nirayana months from Vaisakha to Chaitra covering a complete nirayana calendar year is available. All calculations are based on accurate positions of the sun, moon and planets as given in the *Indian Astronomical Ephemeris* which is compiled after making use of the latest available corrections.

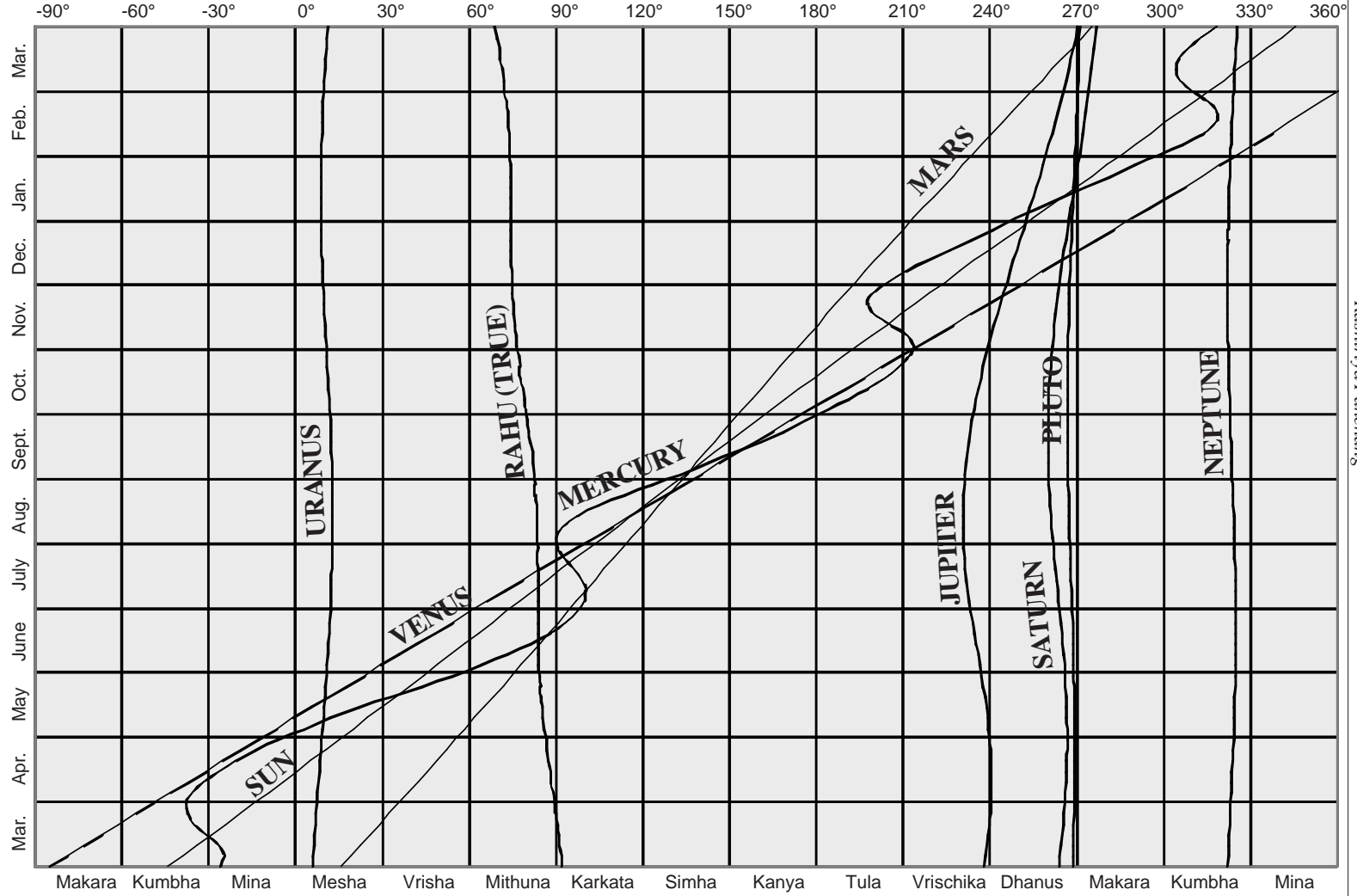
***The phenomena Sayana Vyatipata & Sayana Vaidhriti are calculated on the basis of definition given in the report of Calendar Reform Committee. These are classified as the Calendar Reform Committee view and no way related to the 'Mahapata yoga' defined in some Indian traditional texts (Siddhantic treatises).**

Vowel				Transliteration of Sanskrit Alphabet											
				Consonants											
अ	a	आ	ā	क्	k	ख	kh	ग	g	घ	gh	ङ	ṅ		
इ	i	ई	ī	च्	c	छ	ch	ज	j	झ	jh	ञ	ñ		
उ	u	ऊ	ū	ट	ṭ	ठ	ṭh	ड	ḍ	ढ	ḍh	ण	ṇ		
ऋ	ṛ	ॠ	ṝ	त	t	थ	th	द	d	ध	dh	न	n		
ए	e	ऐ	ai	प	p	फ	ph	ब	b	भ	bh	म	m		
ओ	ō	औ	au	य	y	र	r	ल	l	व	v	श	ś		
				ष	ṣ	स	s	ह	h	॰	ṁ				

Chart showing movements of the Sun and Planets in Rasis of nirayana zodiac, 2019-20

X-axis : Each segment represents 30 degrees arc length which is equivalent to a zodiac sign

Y- axis : Months of 2019-20 A.D.



Chronological Eras, 1941 S.E.

Name of the Eras	Era Year	New Year Date with respect to			System followed
		National Calendar	All-India Nirayana Calendar	Gregorian Calendar	
Saka (National)	1941	01 Chaitra	(ni) 08 Chaitra (5119 K.E.)	22 Mar. 2019	Sayana Solar
Saka (Salibahana)	1941	16 Chaitra	(ni) 23 Chaitra (5119 K.E.)	06 Apr. 2019	Nirayana Lunar (Chaitra Sukla Pratipad)
Saka (Traditional)	1941	24 Chaitra	(ni) 01 Vaisakha (5120 K.E.)	14 Apr. 2019	Nirayana Solar (Meshadi, True Sun)
Kali	5120	24 Chaitra	(ni) 01 Vaisakha (5120 K.E.)	14 Apr. 2019	Nirayana Solar (Meshadi, True Sun)
Buddha Nirvana	2563	28 Vaisakha	(ni) 04 Jyaishta (5120 K.E.)	18 May 2019	Nirayana Luni-solar (Buddha Purnima)
Mahavira Nirvana	2546	07 Kartika	(ni) 14 Kartika (5120 K.E.)	29 Oct. 2019	Nirayana Luni-solar (Kartikadi)
Vikram Samvat	2076	16 Chaitra	(ni) 23 Chaitra (5119 K.E.)	06 Apr. 2019	Nirayana Luni-solar (Chaitradi)
Vikram Samvat	2076	07 Kartika	(ni) 14 Kartika (5120 K.E.)	29 Oct. 2019	Nirayana Luni-solar (Kartikadi)
Bengali San	1426	25 Chaitra	(ni) 02 Vaisakha (5120 K.E.)	15 Apr. 2019	Nirayana Solar (Meshadi) Bengal
Hejira	1441	10 Bhadra	(ni) 17 Bhadra (5120 K.E.)	01 Sept. 2019	Lunar
Kollam	1195	26 Sravana	(ni) 02 Bhadra (5120 K.E.)	17 Aug. 2019	Nirayana Solar (Simhadi)

Barhaspatya Varsa (60 year cycle of Jupiter)

No. of year in the cycle	Name of the year	New Year with respect to			System followed
		Saka Era	Kali Era	Gregorian	

North Indian Usage

47	Pramadin	15 Jyaishta	(ni) 22 Jyaishta (5120 K.E.)	05 June 2019	Sayana Solar
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South Indian Usage

33	Vikari	16 Chaitra	(ni) 23 Chaitra (5119 K.E.)	06 Apr. 2019	Nirayana Luni-solar
33	Vikari	24 Chaitra	(ni) 01 Vaisakha (5120 K.E.)	14 Apr. 2019	Nirayana Solar (Meshadi)

Regional Calendar

Beginning of months of different Regional Calendars during
1941 Saka Era, 5119-20 Kali Era (2019 - 2020 A.D.)

Month of the Regional Calendar	Bengal & Assam (Solar)	Punjab, Haryana etc. and Odisha (Solar)
Vaisakha	*25 Chaitra (15 April 2019) (ni) 02 Vaisakha 5120 K.E.	†24 Chaitra (14 April 2019) (ni) 01 Vaisakha 5120 K. E.
Jyaishtha	26 Vaisakha (16 May 2019) (ni) 02 Jyaishtha 5120 K.E.	25 Vaisakha (15 May 2019) (ni) 01 Jyaishtha 5120 K.E.
Ashadha	26 Jyaishtha (16 June 2019) (ni) 02 Ashadha 5120 K.E.	25 Jyaishtha (15 June 2019) (ni) 01 Ashadha 5120 K.E.
Sravana	27 Ashadha (18 July 2019) (ni) 03 Sravana 5120 K.E.	25 Ashadha (16 July 2019) (ni) 01 Sravana 5120 K.E.
Bhadra	27 Sravana (18 August 2019) (ni) 03 Bhadra 5120 K.E.	26 Sravana (17 August 2019) (ni) 02 Bhadra 5120 K.E.
Asvina	27 Bhadra (18 September 2019) (ni) 03 Asvina 5120 K.E.	26 Bhadra (17 September 2019) (ni) 02 Asvina 5120 K.E.
Kartika	27 Asvina (19 October 2019) (ni) 04 Kartika 5120 K.E.	26 Asvina (18 October 2019) (ni) 03 Kartika 5120 K.E.
Agrahayana	27 Kartika (18 November 2019) (ni) 04 Agrahayana 5120 K.E.	26 Kartika (17 November 2019) (ni) 03 Agrahayana 5120 K.E.
Pausha	26 Agrahayana (17 December 2019) (ni) 03 Pausha 5119 K.E.	25 Agrahayana (16 December 2019) (ni) 02 Pausha 5120 K.E.
Magha	26 Pausha (16 January 2020) (ni) 03 Magha 5120 K.E.	25 Pausha (15 January 2020) (ni) 02 Magha 5120 K.E.
Phalguna	25 Magha (14 February 2020) (ni) 02 Phalguna 5120 K.E.	24 Magha (13 February 2020) (ni) 01 Phalguna 5120 K.E.
Chaitra	25 Phalguna (15 March 2020) (ni) 01 Chaitra 5120 K.E.	24 Phalguna (14 March 2020) (ni) 31 Phalguna 5120 K.E.

*Year beginning

† Year beginning in Odisha and Punjab etc. where the Lunar Calendar is also in Vogue, the year actually begins with Chaitra Sukladi.

Regional Calendar - contd.**Beginning of months of different Regional Calendars during
1941 Saka Era, 5119-20 Kali Era, (2019 - 2020 A.D.)**

Corresponding Month of North India	Tamil Nadu (Solar)		Kerala (Solar)	
	Name of month	Beginning	Name of month	Beginning
Vaisakha	Chittirai	*24 Chaitra (14 April 2019) (ni) 01 Vaisakha 5120 K.E.	Mesha	24 Chaitra (14 April 2019) (ni) 01 Vaisakha 5120 K.E.
Jyaishtha	Vaikasi	25 Vaisakha (15 May 2019) (ni) 01 Jyaishtha 5120 K.E.	Vrishava	25 Vaisakha (15 May 2019) (ni) 01 Jyaishtha 5120 K.E.
Ashadha	Aani	25 Jyaishtha (15 June 2019) (ni) 01 Ashadha 5120 K.E.	Mithuna	26 Jyaishtha (16 June 2019) (ni) 02 Ashadha 5120 K.E.
Sravana	Aadi	26 Ashadha (17 July 2019) (ni) 02 Sravana 5120 K.E.	Karkataka	26 Ashadha (17 July 2019) (ni) 02 Sravana 5120 K.E.
Bhadra	Avani	26 Sravana (17 August 2019) (ni) 02 Bhadra 5120 K.E.	Simha	*26 Sravana (17 August 2019) (ni) 02 Bhadra 5120 K.E.
Asvina	Purattasi	26 Bhadra (17 September 2019) (ni) 02 Asvina 5120 K.E.	Kanya	26 Bhadra (17 September 2019) (ni) 02 Asvina 5120 K.E.
Kartika	Arppisi	26 Asvina (18 October 2019) (ni) 03 Kartika 5120 K.E.	Thula	26 Asvina (18 October 2019) (ni) 03 Kartika 5120 K.E.
Agrahayana	Karthigai	26 Kartika (17 November 2019) (ni) 03 Agrahayana 5120 K.E.	Vrischika	26 Kartika (17 November 2019) (ni) 03 Agrahayana 5120 KE
Pausha	Margali	25 Agrahayana (16 December 2019) (ni) 02 Pausha 5120 K.E.	Dhanus	26 Agrahayana (17 December 2019) (ni) 03 Pausha 5120 K.E.
Magha	Thai	25 Pausha (15 January 2020) (ni) 02 Magha 5120 K.E.	Makara	25 Pausha (15 January 2020) (ni) 02 Magha 5120 K.E.
Phalguna	Maasi	24 Magha (13 February 2020) (ni) 01 Phalguna 5120 K.E.	Kumbha	25 Magha (14 February 2020) (ni) 02 Phalguna 5120 K.E.
Chaitra	Panguni	24 Phalguna (14 March 2020) (ni) 31 Phalguna 5120 K.E.	Meena	24 Phalguna (14 March 2020) (ni) 31 Phalguna 5120 K.E.

*Year beginning

Regional Calendar - contd.

Beginning of months of different Regional Calendars during
1941 Saka Era, 5119-20 Kali Era (2019 - 2020 A.D.)

Maharashtra, Gujarat, Andhra & Karnataka			Luni-solar Calendar		Uttar Pradesh, Bihar, M.P., Rajasthan and N.W. India	
(Mukhya Mana)					(Gauna Mana)	
Chaitra	*Sukla	16 Chaitra (06 April 2019) (ni) 23 Chaitra 5119 KE	Chaitra	Sudi	16 Chaitra (06 April 2019) (ni) 23 Chaitra 5119 KE	
”	Krishna	30 Chaitra (20 April 2019) (ni) 07 Vaisakha 5120 KE	Vaisakha	Vadi	30 Chaitra (20 April 2019) (ni) 07 Vaisakha 5120 KE	
Vaisakha	Sukla	15 Vaisakha (05 May 2019) (ni) 22 Vaisakha 5120 KE	”	Sudi	15 Vaisakha (05 May 2019) (ni) 22 Vaisakha 5120 KE	
”	Krishna	29 Vaisakha (19 May 2019) (ni) 05 Jyaishtha 5120 KE	Jyaishtha	Vadi	29 Vaisakha (19 May 2019) (ni) 05 Jyaishtha 5120 KE	
Jyaishtha	Sukla	14 Jyaishtha (04 June 2019) (ni) 21 Jyaishtha 5120 KE	”	Sudi	14 Jyaishtha (04 June 2019) (ni) 21 Jyaishtha 5120 KE	
”	Krishna	28 Jyaishtha (18 June 2019) (ni) 04 Ashadha 5120 KE	Ashadha	Vadi	28 Jyaishtha (18 June 2019) (ni) 04 Ashadha 5120 KE	
Ashadha	Sukla	12 Ashadha (03 July 2019) (ni) 19 Ashadha 5120 KE	”	Sudi	12 Ashadha (03 July 2019) (ni) 19 Ashadha 5120 KE	
”	Krishna	26 Ashadha (17 July 2019) (ni) 02 Sravana 5120 K.E.	Sravana	Vadi	26 Ashadha (17 July 2019) (ni) 02 Sravana 5120 K.E.	
Sravana	Sukla	10 Sravana (01 Aug. 2019) (ni) 17 Sravana 5120 K.E.	”	Sudi	10 Sravana (01 Aug. 2019) (ni) 17 Sravana 5120 K.E.	
”	Krishna	25 Sravana (16 August 2019) (ni) 01 Bhadra 5120 K.E.	**Bhadrapada	Vadi	25 Sravana (16 August 2019) (ni) 01 Bhadra 5120 K.E.	
Bhadrapada	Sukla	09 Bhadra (31 August 2019) (ni) 16 Bhadra 5120 KE	„	Sudi	09 Bhadra (31 August 2019) (ni) 16 Bhadra 5120 KE	
”	Krishna	24 Bhadra (15 Sept. 2019) (ni) 31 Bhadra 5120 KE	Asvina	Vadi	24 Bhadra (15 Sept. 2019) (ni) 31 Bhadra 5120 KE	
Asvina	Sukla	07 Asvina (29 Sept. 2019) (ni) 14 Asvina 5120 KE	Asvina	Sudi	07 Asvina (29 Sept. 2019) (ni) 14 Asvina 5120 KE	

* Year begining except in Gujarat and parts of Rajasthan. Begining of Saptarshi Kala of Kashmir(5095).

**Beginning of Fusli Era (1427) of North India, the month of which have dates counted serially from K1 upto 29 or 30 days.

Regional Calendar - contd.**Beginning of months of different Regional Calendars during
1941 Saka Era, 5119-20 Kali Era (2019 - 2020 A.D.)**

Luni-solar Calendar					
Maharashtra, Gujarat, Andhra & Karnataka			Uttar Pradesh, Bihar, M.P., Rajasthan and N.W. India		
<i>(Mukhya Mana)</i>			<i>(Gauna Mana)</i>		
Asvina	Krishna	22 Asvina (14 Oct. 2019) (ni) 29 Asvina 5120 KE	Kartika	Vadi	22 Asvina (14 Oct. 2019) (ni) 29 Asvina 5120 KE
+ Kartika	Sukla	07 Kartika (29 Oct. 2019) (ni) 14 Kartika 5120 KE	”	Sudi	07 Kartika (29 Oct. 2019) (ni) 14 Kartika 5120 KE
”	Krishna	22 Kartika (13 Nov. 2019) (ni) 29 Kartika 5120 KE	Margasirsa	Vadi	22 Kartika (13 Nov. 2019) (ni) 29 Kartika 5120 KE
Margasirsa	Sukla	06 Agrahayana (27 Nov. 2019) (ni) 13 Agrahayana 5120 KE	”	Sudi	06 Agrahayana (27 Nov. 2019) (ni) 13 Agrahayana 5120 KE
”	Krishna	22 Agrahayana (13 Dec. 2019) (ni) 29 Agrahayana 5120 K.E.	Pausha	Vadi	22 Agrahayana (13 Dec. 2019) (ni) 29 Agrahayana 5120 K.E.
Pausha	Sukla	06 Pausha (27 Dec. 2019) (ni) 13 Pausha 5120 K.E.	„	Sudi	06 Pausha (27 Dec. 2019) (ni) 13 Pausha 5120 K.E.
”	Krishna	21 Pausha (11 Jan. 2020) (ni) 28 Pausha 5120 K.E.	Magha	Vadi	21 Pausha (11 Jan. 2020) (ni) 28 Pausha 5120 K.E.
Magha	Sukla	05 Magha (25 Jan. 2020) (ni) 12 Magha 5120 KE	„	Sudi	05 Magha (25 Jan. 2020) (ni) 12 Magha 5120 KE
„	Krishna	21 Magha (10 Feb. 2020) (ni) 28 Magha 5120 K.E.	Phalgun	Vadi	21 Magha (10 Feb. 2020) (ni) 28 Magha 5120 K.E.
Phalgun	Sukla	05 Phalgun (24 Feb. 2020) (ni) 12 Phalgun 5120 KE	„	Sudi	05 Phalgun (24 Feb. 2020) (ni) 12 Phalgun 5120 KE
„	Krishna	20 Phalgun (10 March 2020) (ni) 27 Phalgun 5120 KE	Chaitra	Vadi	20 Phalgun (10 March 2020) (ni) 27 Phalgun 5120 KE

+ Year beginning in Gujarat and parts of Rajasthan (Kartikadi system).

Names of Tithis (*Tithi*), Nakshatras (*Nakṣatra*), Yogas (*Yōga*), Karanas (*Karaṇa*) and Rasis (*Rāśi*)

Tithi (<i>Tithi</i>)	Nakshatra (<i>Nakṣatra</i>)	Yoga (<i>Yōga</i>)
1. Pratipad (<i>Pratipad</i>)	1. Asvini (<i>Āsvini</i>)	1. Viskumbha (<i>Viṣkumbha</i>)
2. Dvitiya (<i>Dvitiyā</i>)	2. Bharani (<i>Bharaṇi</i>)	2. Priti (<i>Prīti</i>)
3. Tiritiya (<i>Tṛtiyā</i>)	3. Kritika (<i>Kṛttikā</i>)	3. Ayusman (<i>Āyusmān</i>)
4. Chaturthi (<i>Caturthī</i>)	4. Rohini (<i>Rōhini</i>)	4. Saubhagya (<i>Saubhāgya</i>)
5. Panchami (<i>Pañcamī</i>)	5. Mrigasiras (<i>Mṛgāsiras</i>)	5. Sobhana (<i>Śōbhana</i>)
6. Shashthi (<i>Śaṣṭhī</i>)	6. Ardra (<i>Ādrā</i>)	6. Atiganda (<i>Atigandā</i>)
7. Saptami (<i>Saptamī</i>)	7. Punarvasu (<i>Punarvasu</i>)	7. Sukarma (<i>Sukarmā</i>)
8. Ashtami (<i>Aṣṭamī</i>)	8. Pushya (<i>Puṣya</i>)	8. Dhriti (<i>Dhṛti</i>)
9. Navami (<i>Navamī</i>)	9. Aslesha (<i>Āślēṣā</i>)	9. Sula (<i>Śūla</i>)
10. Dasami (<i>Daśamī</i>)	10. Magha (<i>Maghā</i>)	10. Ganda (<i>Gaṇḍa</i>)
11. Ekadasi (<i>Ēkādaśī</i>)	11. Purva Phalguni (<i>Pūrvā Phālgunī</i>)	11. Vriddhi (<i>Vṛddhi</i>)
12. Dvadasi (<i>Dvādaśī</i>)	12. Uttara Phalguni (<i>Uttarā Phālgunī</i>)	12. Dhruva (<i>Dhruva</i>)
13. Trayodasi (<i>Trayōdaśī</i>)	13. Hasta (<i>Hasta</i>)	13. Vyaghata (<i>Vyāghāta</i>)
14. Chaturdasi (<i>Caturdaśī</i>)	14. Chitra (<i>Citrā</i>)	14. Harshana (<i>Harṣaṇa</i>)
15. Purnima (<i>Pūrṇimā</i>)	15. Svati (<i>Svātī</i>)	15. Vajra (<i>Vajra</i>)
30. Amavasya (<i>Amāvasyā</i>)	16. Visakha (<i>Viśākhā</i>)	16. Siddhi (Asrik) (<i>Siddhi (Asṛīk)</i>)
	17. Anuradha (<i>Anurādhā</i>)	17. Vyatipata (<i>Vyatipāta</i>)
Karana (<i>Karaṇa</i>)	18. Jyestha (<i>Jyēṣṭhā</i>)	18. Variyan (<i>Variyān</i>)
1. Bava (<i>Bava</i>)	19. Mula (<i>Mūla</i>)	19. Parigha (<i>Parigha</i>)
2. Balava (<i>Bālava</i>)	20. PurvAshadha (<i>Pūrvāṣāḍhā</i>)	20. Siva (<i>Śiva</i>)
3. Kaulava (<i>Kaulava</i>)	21. UttarAshadha (<i>Uttarāṣāḍhā</i>)	21. Siddha (<i>Siddha</i>)
4. Taitila (<i>Taitila</i>)	22. Sravana (<i>Śravaṇa</i>)	22. Sadhya (<i>Sādhya</i>)
5. Gara (<i>Gara</i>)	23. Dhanistha (<i>Dhaniṣṭhā</i>)	23. Subha (<i>Śubha</i>)
6. Vanij (<i>Vañij</i>)	24. Satabhisaj (<i>Śatabhiṣaj</i>)	24. Sukla (Sukra) (<i>Śukla (Śukra)</i>)
7. Vishti (<i>Viṣṭi</i>)	25. Purva Bhadrapada (<i>Pūrvā Bhādrapadā</i>)	25. Brahma (<i>Brahma</i>)
(i) Sakuni (<i>Śakuni</i>)	26. Uttara Bhadrapada (<i>Uttarā Bhādrapadā</i>)	26. Indra (<i>Indra</i>)
(ii) Chatuspada (<i>Catuṣpāda</i>)	27. Revati (<i>Rēvatī</i>)	27. Vaidhriti (<i>Vaidhṛti</i>)
(iii) Naga (<i>Nāga</i>)		
(iv) Kinstughna (<i>Kiṁstughna</i>)		

Rasi (*Rāśi*)

Mesha (*Mēṣa*), Vrisha (*Vṛṣa*), Mithuna (*Mithuna*), Karkata (*Karkāṭa*), Simha (*Siṃha*), Kanya (*Kanyā*), Tula (*Tulā*), Vrischika (*Vṛścika*), Dhanus (*Dhanus*), Makara (*Makara*), Kumbha (*Kumbha*), Mina (*Mīna*)

VARIOUS ASTRONOMICAL INFORMATION

Objects	Sidereal period	Mean Synodic period	Mean daily motion			Mean distance from the Sun (Compared to Earth)		
Name	days	days	°	'	"	Astronomical	Kilometers	Miles
Mercury	87.969256	115.878	4	05	32.4	0.38710	57900000	36000000
Venus	224.70080	583.921	1	36	07.7	0.72333	108200000	67200000
Earth	365.25636	-----	0	59	08.2	1.00000	149600000	93000000
Mars	686.97982	779.936	0	31	26.5	1.52369	227900000	141600000
Jupiter	4332.589	398.884	0	04	59.1	5.20280	778300000	483600000
Saturn	10759.230	378.092	0	02	01.9	9.53884	1427000000	886700000
Uranus	30688.450	369.656	0	00	42.0	19.18172	2869000000	1782700000
Neptune	60181.3	367.487	0	00	21.5	30.05824	4498000000	2794900000
Rahu	6793.470	346.620	0	03	10.8	-----	-----	-----

Mean length of the Tropical year (equinox to equinox) = 365.242190 d = 365d 5h 48m 45.2s

Sidereal year (fixed star to fixed star) = 365.256363 d = 365d 6h 9m 9.8s

Anomalistic year (perigee to perigee) = 365.259636 d = 365d 6h 13m 52.6s

Eclipse year (node to node) = 346.620078d = 346d 14h 52m 54.8s

Mean length of synodic lunar month (new moon to new moon)

= 29.530589d = 29d 12h 44m 2.9s

Tropical month (equinox to equinox) = 27.321582d = 27d 7h 43m 4.7s

Sidereal month (fixed star to fixed star) = 27.321662d = 27d 7h 43m 11.6s

Anomalistic month (perigee to perigee) = 27.554550d = 27d 13h 18m 33.1s

Draconic month (node to node) = 27.212221d = 27d 5h 5m 35.9s

Mean length of the day: Mean sidereal = 23h 56m 4.09053s of Mean solar time

Mean solar = 24h 03m 56.55537s of mean sidereal time

Sidereal rotation period of the Earth = 23h 56m 04.999s mean solar time

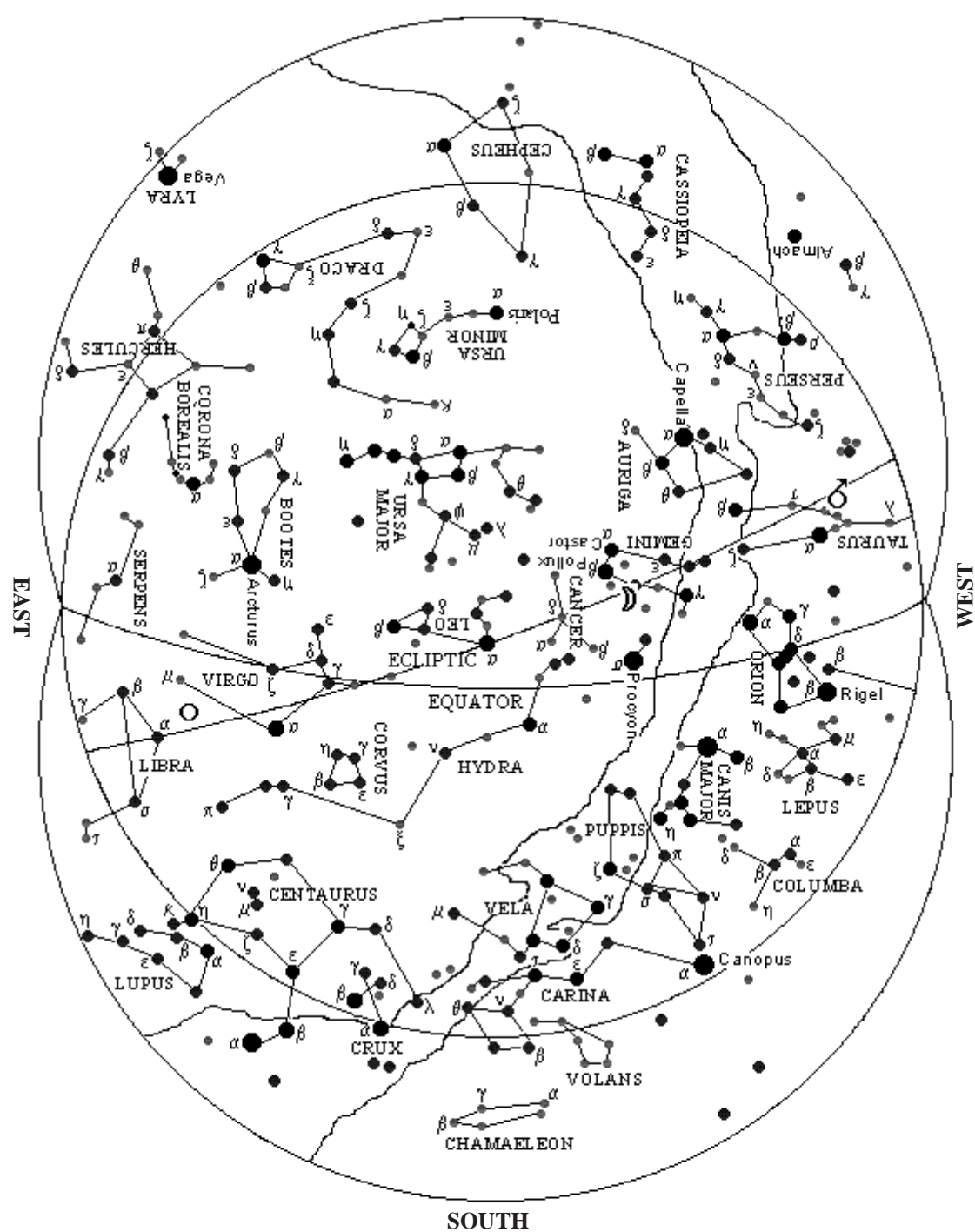
Lunar day between the raising of the Moon = 24h 48m 45.838s

Mean duration of Tithi = 23h 37m 28.096s

Mean duration of Nakshatra = 24h 17m 9.317s

Duration of tithi varies from = 19h 59m to 26h 47m

STAR CHART FOR THE MONTH OF APRIL, 2019 (11 CHAITRA - 10 VAISAKHA) 0° TO 40°N
HORIZON



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 19TH ♀ MARS
 ☾ FIRST QUARTER 12TH

RASHTRIYA PANCHANG

1941 Saka Era, 5119-20 Kali Era, 2019 - 2020 A.D.

Month of CHAITRA : 30 days :: Vedic Month : Madhava (Mesha)

Nirayana months: 8 Chaitra, 5119 Kali to 7 Vaisakha, 5120 Kali :: 23 and 7 days

Vasanta Ritu : 2nd Month :: Uttarayana : Uttara Gola

Sun in Mina, enters Mesha on 24th :: Ayanamsa on 1st Chaitra : 24° 07' 16"

Kali Ahargana : 1870099 - 1870128, Julian Day : 2458564.5 - 2458593.5

(Nirayana) Vaisakha begins on 24 Chaitra, 14 April, 2019

Friday, 1 Chaitra, (ni) 8 Chaitra, 22 March, 14 Rajab

Kali Ahargana: 1870099 Julian Day: 2458564.5

Sunrise: h. 6-03 Sunset: h. 18-12 Moonset: h. 7-03 Moonrise: h. 19-40

Tithi: (Phalguna Krishna) Dvitiya h. 24-56 **Nakshatra:** Hasta h. 11-06 **Yoga:** Dhruva h. 25-41 **Karana:** Taitila h. 14-21 then Gara h. 24-56 **Moon:** in Kanya, enters Tula h. 22-02 **Age of Moon:** 15.3 **Declination of Sun:** N 0° 26' **Sidereal Time (noon):** h. 00-04-58s **Equation of time:** -7m 02s

Lagna Mina Begins: Chennai h. 29-49 Delhi h. 30-04 Kolkata h. 29-18 Mumbai h. 30-20

Midday Central Station h.12-07-02s Chennai: h.12-16-03s Delhi: h.12-28-10s Kolkata: h.11-43-32s Mumbai: h.12-45-42s

Indian New Year's Day

Saturday, 2 Chaitra, (ni) 9 Chaitra, 23 March, 15 Rajab

Kali Ahargana: 1870100 Julian Day: 2458565.5

Sunrise: h. 6-02 Sunset: h. 18-12 Moonset: h. 7-46 Moonrise: h. 20-41

Tithi: (Phalguna Krishna) Tritiya h. 22-33 **Nakshatra:** Chitra h. 9-05 **Yoga:** Vyaghata h. 22-35 **Karana:** Vanij h. 11-39 then Vishti h. 22-33 **Moon:** in Tula **Age of Moon:** 16.3 **Declination of Sun:** N 0° 49' **Sidereal Time (noon):** h. 00-08-37s **Equation of time:** -6m 44s

Lagna Mina Begins: Chennai h. 29-45 Delhi h. 30-00 Kolkata h. 29-14 Mumbai h. 30-16

Midday Central Station h.12-06-44s Chennai: h.12-15-45s Delhi: h.12-27-52s Kolkata: h.11-43-14s Mumbai: h.12-45-24s

Sunday, 3 Chaitra, (ni) 10 Chaitra, 24 March, 16 Rajab

Kali Ahargana: 1870101 Julian Day: 2458566.5

Sunrise: h. 6-01 Sunset: h. 18-12 Moonset: h. 8-28 Moonrise: h. 21-42

Tithi: (Phalguna Krishna) Chaturthi h. 20-52 **Nakshatra:** Svati h. 7-41 **Yoga:** Harshana h. 20-04 **Karana:** Bava h. 9-36 then Balava h. 20-52 **Moon:** in Tula, enters Vrischika h. 25-08 **Age of Moon:** 17.3 **Declination of Sun:** N 1° 13' **Sidereal Time (noon):** h. 00-12-15s **Equation of time:** -6m 26s

Lagna Mina Begins: Chennai h. 29-41 Delhi h. 29-56 Kolkata h. 29-10 Mumbai h. 30-12

Midday Central Station h.12-06-26s Chennai: h.12-15-27s Delhi: h.12-27-34s Kolkata: h.11-42-56s Mumbai: h.12-45-06s

Monday, 4 Chaitra, (ni) 11 Chaitra, 25 March, 17 Rajab

Kali Ahargana: 1870102 Julian Day: 2458567.5

Sunrise: h. 6-00 Sunset: h. 18-13 Moonset: h. 9-12 Moonrise: h. 22-40

Tithi: (Phalguna Krishna) Panchami h. 20-00 **Nakshatra:** Visakha h. 7-03 **Yoga:** Vajra h. 18-13 **Karana:** Kaulava h. 8-19 then Taitila h. 20-00 **Moon:** in Vrischika **Age of Moon:** 18.3 **Declination of Sun:** N 1° 37' **Sidereal Time (noon):** h. 00-15-54s **Equation of time:** -6m 08s

Lagna Mina Begins: Chennai h. 29-37 Delhi h. 29-52 Kolkata h. 29-06 Mumbai h. 30-08

Midday Central Station h.12-06-08s Chennai: h.12-15-09s Delhi: h.12-27-16s Kolkata: h.11-42-38s Mumbai: h.12-44-47s

Ranga Panchami, Vijaya Govindji Holangkar (Manipur)

Tuesday, 5 Chaitra, (ni) 12 Chaitra, 26 March, 18 Rajab**Kali Ahargana:** 1870103 **Julian Day:** 2458568.5**Sunrise:** h. 5-59 **Sunset:** h. 18-13 **Moonset:** h. 9-57 **Moonrise:** h. 23-37

Tithi: (Phalguna Krishna) Shashthi h. 20-02 **Nakshatra:** Anuradha h. 7-15 **Yoga:** Siddhi (Asrik) h. 17-03 **Karana:** Gara h. 7-54 then Vanij h. 20-02 **Moon:** in Vrischika **Age of Moon:** 19.3 **Declination of Sun:** N 2° 00' **Sidereal Time (noon):** h. 00-19-32s **Equation of time:** -5m 50s

Lagna Mina Begins: Chennai h. 29-33 Delhi h. 29-48 Kolkata h. 29-02 Mumbai h. 30-04**Midday** Central Station h.12-05-50s Chennai: h.12-14-50s Delhi: h.12-26-57s Kolkata: h.11-42-20s Mumbai: h.12-44-29s**Wednesday, 6 Chaitra, (ni) 13 Chaitra, 27 March, 19 Rajab****Kali Ahargana:** 1870104 **Julian Day:** 2458569.5**Sunrise:** h. 5-58 **Sunset:** h. 18-13 **Moonset:** h. 10-44 **Moonrise:** h. 24-31

Tithi: (Phalguna Krishna) Saptami h. 20-55 **Nakshatra:** Jyestha h. 8-19 **Yoga:** Vyatipata h. 16-34 **Karana:** Vishti h. 8-22 then Bava h. 20-55 **Moon:** in Vrischika, enters Dhanus h. 8-19 **Age of Moon:** 20.3 **Declination of Sun:** N 2° 24' **Sidereal Time (noon):** h. 00-23-10s **Equation of time:** -5m 32s

Lagna Mina Begins: Chennai h. 29-29 Delhi h. 29-44 Kolkata h. 28-58 Mumbai h. 30-00**Midday** Central Station h.12-05-32s Chennai: h.12-14-32s Delhi: h.12-26-39s Kolkata: h.11-42-02s Mumbai: h.12-44-11s**Thursday, 7 Chaitra, (ni) 14 Chaitra, 28 March, 20 Rajab****Kali Ahargana:** 1870105 **Julian Day:** 2458570.5**Sunrise:** h. 5-57 **Sunset:** h. 18-14 **Moonset:** h. 11-34 **Moonrise:** h. 25-22

Tithi: (Phalguna Krishna) Ashtami h. 22-34 **Nakshatra:** Mula h. 10-10 **Yoga:** Variyan h. 16-41 **Karana:** Balava h. 9-40 then Kaulava h. 22-34 **Moon:** in Dhanus **Age of Moon:** 21.3 **Declination of Sun:** N 2° 47' **Sidereal Time (noon):** h. 00-26-49s **Equation of time:** -5m 13s

Lagna Mina Begins: Chennai h. 29-25 Delhi h. 29-40 Kolkata h. 28-54 Mumbai h. 29-56**Midday** Central Station h.12-05-13s Chennai: h.12-14-14s Delhi: h.12-26-21s Kolkata: h.11-41-43s Mumbai: h.12-43-53s**Varsitaparambha(Jain), Sitalashtami****Friday, 8 Chaitra, (ni) 15 Chaitra, 29 March, 21 Rajab****Kali Ahargana:** 1870106 **Julian Day:** 2458571.5**Sunrise:** h. 5-56 **Sunset:** h. 18-14 **Moonset:** h. 12-24 **Moonrise:** h. 26-09

Tithi: (Phalguna Krishna) Navami h. 24-48 **Nakshatra:** Purv Ashadha h. 12-41 **Yoga:** Parigha h. 17-17 **Karana:** Taitila h. 11-38 then Gara h. 24-48 **Moon:** in Dhanus, enters Makara h. 19-23 **Age of Moon :** 22.3 **Declination of Sun:** N 3° 11' **Sidereal Time (noon):** h. 00-30-27s **Equation of time:** -4m 55s

Lagna Mina Begins: Chennai h. 29-21 Delhi h. 29-36 Kolkata h. 28-50 Mumbai h. 29-52**Midday** Central Station h.12-04-55s Chennai: h.12-13-56s Delhi: h.12-26-03s Kolkata: h.11-41-25s Mumbai: h.12-43-35s

Jupiter enters Nirayana Dhanus Rasi h. 20-05

Saturday, 9 Chaitra, (ni) 16 Chaitra, 30 March, 22 Rajab**Kali Ahargana:** 1870107 **Julian Day:** 2458572.5**Sunrise:** h. 5-55 **Sunset:** h. 18-15 **Moonset:** h. 13-15 **Moonrise:** h. 26-53

Tithi: (Phalguna Krishna) Dasami h. 27-23 **Nakshatra:** Uttar Ashadha h. 15-38 **Yoga:** Siva h. 18-12 **Karana:** Vanij h. 14-04 then Vishti h. 27-23 **Moon:** in Makara **Age of Moon:** 23.3 **Declination of Sun:** N 3° 34' **Sidereal Time (noon):** h. 00-34-06s **Equation of time:** -4m 37s

Lagna Mina Begins: Chennai h. 29-17 Delhi h. 29-32 Kolkata h. 28-46 Mumbai h. 29-48**Midday** Central Station h.12-04-37s Chennai: h.12-13-38s Delhi: h.12-25-45s Kolkata: h.11-41-07s Mumbai: h.12-43-17s

Sunday, 10 Chaitra, (ni) 17 Chaitra, 31 March, 23 Rajab**Kali Ahargana:** 1870108 **Julian Day:** 2458573.5**Sunrise:** h. 5-54 **Sunset:** h. 18-15 **Moonset:** h. 14-06 **Moonrise:** h. 27-34**Tithi:** (Phalguna Krishna) Ekadasi ahoratra **Nakshatra:** Sravana h. 18-46 **Yoga:** Siddha h. 19-15 **Karana:** Bava h. 16-44 **Moon:** in Makara **Age of Moon :** 24.3 **Declination of Sun:** N 3° 57' **Sidereal Time (noon):** h. 00-37-44s **Equation of time:** -4m 19s**Lagna** Mesha Begins: Chennai h. 6-57 Delhi h. 6-58 Kolkata h. 6-18 Mumbai h. 7-23**Midday** Central Station h.12-04-19s Chennai: h.12-13-20s Delhi: h.12-25-27s Kolkata: h.11-40-49s Mumbai: h.12-42-59s

Sun enters Revati Nakshatra h. 24-54

Monday, 11 Chaitra, (ni) 18 Chaitra, 1 April, 24 Rajab**Kali Ahargana:** 1870109 **Julian Day:** 2458574.5**Sunrise:** h. 5-53 **Sunset:** h. 18-15 **Moonset:** h. 14-57 **Moonrise:** h. 28-11**Tithi:** (Phalguna Krishna) Ekadasi h. 6-04 **Nakshatra:** Dhanistha h. 21-54 **Yoga:** Sadhya h. 20-17 **Karana:** Balava h. 6-04 then Kaulava h. 19-23 **Moon:** in Makara, enters Kumbha h. 8-21 **Age of Moon:** 25.3 **Declination of Sun:** N 4° 21' **Sidereal Time (noon):** h. 00-41-23s **Equation of time:** -4m 02s**Lagna** Mesha Begins: Chennai h. 6-53 Delhi h. 6-54 Kolkata h. 6-14 Mumbai h. 7-19**Midday** Central Station h.12-04-02s Chennai: h.12-13-02s Delhi: h.12-25-09s Kolkata: h.11-40-32s Mumbai: h.12-42-41s**Papamochani Ekadasi****Tuesday, 12 Chaitra, (ni) 19 Chaitra, 2 April, 25 Rajab****Kali Ahargana:** 1870110 **Julian Day:** 2458575.5**Sunrise:** h. 5-52 **Sunset:** h. 18-16 **Moonset:** h. 15-48 **Moonrise:** h. 28-47**Tithi:** (Phalguna Krishna) Dvadasi h. 8-39 **Nakshatra:** Satabhisaj h. 24-49 **Yoga:** Subha h. 21-10 **Karana:** Taitila h. 8-39 then Gara h. 21-50 **Moon:** in Kumbha **Age of Moon:** 26.3 **Declination of Sun:** N 4° 44' **Sidereal Time (noon):** h. 00-45-02s **Equation of time:** -3m 44s**Lagna** Mesha Begins: Chennai h. 6-49 Delhi h. 6-50 Kolkata h. 6-10 Mumbai h. 7-15**Midday** Central Station h.12-03-44s Chennai: h.12-12-45s Delhi: h.12-24-52s Kolkata: h.11-40-14s Mumbai: h.12-42-23s**Varuni** (Trayodasi after h. 8-39 and Satabhisaj upto h. 24-49)**Wednesday, 13 Chaitra, (ni) 20 Chaitra, 3 April, 26 Rajab****Kali Ahargana:** 1870111 **Julian Day:** 2458576.5**Sunrise:** h. 5-51 **Sunset:** h. 18-16 **Moonset:** h. 16-38 **Moonrise:** h. 29-22**Tithi:** (Phalguna Krishna) Trayodasi h. 10-57 **Nakshatra:** Purva Bhadrapada h. 27-25 **Yoga:** Sukla (Sukra) h. 21-47 **Karana:** Vanij h. 10-57 then Vishti h. 23-57 **Moon:** in Kumbha, enters Mina h. 20-48 **Age of Moon:** 27.3 **Declination of Sun:** N 5° 07' **Sidereal Time (noon):** h. 00-48-40s **Equation of time:** -3m 26s**Lagna** Mesha Begins: Chennai h. 6-45 Delhi h. 6-46 Kolkata h. 6-06 Mumbai h. 7-11**Midday** Central Station h.12-03-26s Chennai: h.12-12-27s Delhi: h.12-24-34s Kolkata: h.11-39-56s Mumbai: h.12-42-06s

Sayana Vaidhriti h. 6-36

Madhu Krishna Trayodasi**Thursday, 14 Chaitra, (ni) 21 Chaitra, 4 April, 27 Rajab****Kali Ahargana:** 1870112 **Julian Day:** 2458577.5**Sunrise:** h. 5-50 **Sunset:** h. 18-16 **Moonset:** h. 17-30**Tithi:** (Phalguna Krishna) Chaturdasi h. 12-51 **Nakshatra:** Uttara Bhadrapada h. 29-36 **Yoga:** Brahma h. 22-07 **Karana:** Sakuni h. 12-51 then Chatuspada h. 25-39 **Moon:** in Mina **Age of Moon:** 28.3 **Declination of Sun:** N 5° 30' **Sidereal Time (noon):** h. 00-52-20s **Equation of time:** -3m 09s**Lagna** Mesha Begins: Chennai h. 6-41 Delhi h. 6-42 Kolkata h. 6-02 Mumbai h. 7-07**Midday** Central Station h.12-03-09s Chennai: h.12-12-10s Delhi: h.12-24-17s Kolkata: h.11-39-39s Mumbai: h.12-41-48s**Sab-e-Miraj** (Preceding night)(Moslem)

Friday, 15 Chaitra, (ni) 22 Chaitra, 5 April, 28 Rajab**Kali Ahargana:** 1870113 **Julian Day:** 2458578.5**Sunrise:** h. 5-49 **Sunset:** h. 18-17 **Moonrise:** h. 5-57 **Moonset:** h. 18-20

Tithi: (Phalguna Krishna) Amavasya h. 14-21 **Nakshatra:** Revati ahoratra **Yoga:** Indra h. 22-07 **Karana:** Naga h. 14-21 then Kinstughna h. 26-55 **Moon:** in Mina **Age of Moon:** 29.3 ● **Declination of Sun:** N 5° 53' **Sidereal Time (noon):** h. 00-55-59s
Equation of time: -2m 51s

Lagna Mesha Begins: Chennai h. 6-37 Delhi h. 6-38 Kolkata h. 5-58 Mumbai h. 7-03**Midday** Central Station h.12-02-51s Chennai: h.12-11-52s Delhi: h.12-23-59s Kolkata: h.11-39-21s Mumbai: h.12-41-31s**Birthday Anniversary of Swami Leela Shah(Sindhi)****Saturday, 16 Chaitra, (ni) 23 Chaitra, 6 April, 29 Rajab****Kali Ahargana:** 1870114 **Julian Day:** 2458579.5**Sunrise:** h. 5-48 **Sunset:** h. 18-17 **Moonrise:** h. 6-31 **Moonset:** h. 19-13

Tithi: (Chaitra Sukla) Pratipad h. 15-24 **Nakshatra:** Revati h. 7-22 **Yoga:** Vaidhriti h. 21-47 **Karana:** Bava h. 15-24 then Balava h. 27-46 **Moon:** in Mina, enters Mesha h. 7-22 **Age of Moon:** 0.6 **Declination of Sun:** N 6° 16' **Sidereal Time (noon):** h. 00-59-38s
Equation of time: -2m 34s

Lagna Mesha Begins: Chennai h. 6-33 Delhi h. 6-34 Kolkata h. 5-54 Mumbai h. 6-59**Midday** Central Station h.12-02-34s Chennai: h.12-11-35s Delhi: h.12-23-42s Kolkata: h.11-39-04s Mumbai: h.12-41-14s**Chaitra Sukladi**(Gudi Padava, Ugadi), **Cheti Chand** (Sindhi New Year's Day), **Telugu New Year's Day,****Vasanta Navaratrarambha****Sunday, 17 Chaitra, (ni) 24 Chaitra, 7 April, 1 Shaban****Kali Ahargana:** 1870115 **Julian Day:** 2458580.5**Sunrise:** h. 5-47 **Sunset:** h. 18-18 **Moonrise:** h. 7-08 **Moonset:** h. 20-07

Tithi: (Chaitra Sukla) Dvitiya h. 16-02 **Nakshatra:** Asvini h. 8-44 **Yoga:** Viskumbha h. 21-08 **Karana:** Kaulava h. 16-02 then Taitila h. 28-12 **Moon:** in Mesha **Age of Moon:** 1.6 **Declination of Sun:** N 6° 38' **Sidereal Time (noon):** h. 01-03-18s
Equation of time: -2m 17s

Lagna Mesha Begins: Chennai h. 6-29 Delhi h. 6-30 Kolkata h. 5-50 Mumbai h. 6-55**Midday** Central Station h.12-02-17s Chennai: h.12-11-18s Delhi: h.12-23-25s Kolkata: h.11-38-47s Mumbai: h.12-40-57s**Monday, 18 Chaitra, (ni) 25 Chaitra, 8 April, 2 Shaban****Kali Ahargana:** 1870116 **Julian Day:** 2458581.5**Sunrise:** h. 5-46 **Sunset:** h. 18-18 **Moonrise:** h. 7-47 **Moonset:** h. 21-02

Tithi: (Chaitra Sukla) Tritiya h. 16-16 **Nakshatra:** Bharani h. 9-43 **Yoga:** Priti h. 20-10 **Karana:** Gara h. 16-16 then Vanij h. 28-14 **Moon:** in Mesha, enters Vrisha h. 15-54 **Age of Moon:** 2.6 **Declination of Sun :** N 7° 01' **Sidereal Time (noon):** h. 01-06-58s
Equation of time: -2m 01s

Lagna Mesha Begins: Chennai h. 6-25 Delhi h. 6-26 Kolkata h. 5-46 Mumbai h. 6-51**Midday** Central Station h.12-02-01s Chennai: h.12-11-01s Delhi: h.12-23-08s Kolkata: h.11-38-31s Mumbai: h.12-40-40s**Gauri Tritiya**(Gangaur), **Andolana Tritiya, Sarhul**(Bihar)**Tuesday, 19 Chaitra, (ni) 26 Chaitra, 9 April, 3 Shaban****Kali Ahargana:** 1870117 **Julian Day:** 2458582.5**Sunrise:** h. 5-45 **Sunset:** h. 18-18 **Moonrise:** h. 8-29 **Moonset:** h. 22-00

Tithi: (Chaitra Sukla) Chaturthi h. 16-07 **Nakshatra:** Kritika h. 10-19 **Yoga:** Ayusman h. 18-56 **Karana:** Vishti h. 16-07 then Bava h. 27-55 **Moon:** in Vrisha **Age of Moon:** 3.6 **Declination of Sun:** N 7° 23' **Sidereal Time (noon):** h. 01-10-38s
Equation of time: -1m 44s

Lagna Mesha Begins: Chennai h. 6-21 Delhi h. 6-22 Kolkata h. 5-42 Mumbai h. 6-47**Midday** Central Station h.12-01-44s Chennai: h.12-10-45s Delhi: h.12-22-52s Kolkata: h.11-38-14s Mumbai: h.12-40-24s

Wednesday, 20 Chaitra, (ni) 27 Chaitra, 10 April, 4 Shaban**Kali Ahargana:** 1870118 **Julian Day:** 2458583.5**Sunrise:** h. 5-45 **Sunset:** h. 18-19 **Moonrise:** h. 9-16 **Moonset:** h. 22-58**Tithi:** (Chaitra Sukla) Panchami h. 15-36 **Nakshatra:** Rohini h. 10-33 **Yoga:** Saubhagya h. 17-23 **Karana:** Balava h. 15-36 then Kaulava h. 27-12 **Moon:** in Vrisha, enters Mithuna h. 22-32 **Age of Moon:** 4.6 **Declination of Sun:** N 7° 46' **Sidereal Time (noon):** h. 01-14-18s **Equation of time:** -1m 28s**Lagna Mesha** Begins: Chennai h. 6-17 Delhi h. 6-18 Kolkata h. 5-38 Mumbai h. 6-43**Midday** Central Station h.12-01-28s Chennai: h.12-10-29s Delhi: h.12-22-36s Kolkata: h.11-37-58s Mumbai: h.12-40-08s**Sri (Lakshmi) Panchami****Thursday, 21 Chaitra, (ni) 28 Chaitra, 11 April, 5 Shaban****Kali Ahargana:** 1870119 **Julian Day:** 2458584.5**Sunrise:** h. 5-44 **Sunset:** h. 18-19 **Moonrise:** h. 10-08 **Moonset:** h. 23-57**Tithi:** (Chaitra Sukla) Shashthi h. 14-42 **Nakshatra:** Mrigasiras h. 10-25 **Yoga:** Sobhana h. 15-32 **Karana:** Taitila h. 14-42 then Gara h. 26-06 **Moon:** in Mithuna **Age of Moon:** 5.6 **Declination of Sun:** N 8° 08' **Sidereal Time (noon):** h. 01-17-58s **Equation of time:** -1m 12s**Lagna Mesha** Begins: Chennai h. 6-13 Delhi h. 6-14 Kolkata h. 5-34 Mumbai h. 6-39**Midday** Central Station h.12-01-12s Chennai: h.12-10-13s Delhi: h.12-22-20s Kolkata: h.11-37-42s Mumbai: h.12-39-52s**Skanda Shashthi, Oli begins(Jain)****Friday, 22 Chaitra, (ni) 29 Chaitra, 12 April, 6 Shaban****Kali Ahargana:** 1870120 **Julian Day:** 2458585.5**Sunrise:** h. 5-43 **Sunset:** h. 18-19 **Moonrise:** h. 11-04 **Moonset:** h. 24-54**Tithi:** (Chaitra Sukla) Saptami h. 13-24 **Nakshatra:** Ardra h. 9-54 **Yoga:** Atiganda h. 13-22 **Karana:** Vanij h. 13-24 then Vishti h. 24-36 **Moon:** in Mithuna, enters Karkata h. 27-15 **Age of Moon:** 6.6 **Declination of Sun:** N 8° 30' **Sidereal Time (noon):** h. 01-21-39s **Equation of time:** -0m 56s**Lagna Mesha** Begins: Chennai h. 6-09 Delhi h. 6-10 Kolkata h. 5-30 Mumbai h. 6-35**Midday** Central Station h.12-00-56s Chennai: h.12-09-57s Delhi: h.12-22-04s Kolkata: h.11-37-26s Mumbai: h.12-39-36s**Vasanti Pujarambha****Saturday, 23 Chaitra, (ni) 30 Chaitra, 13 April, 7 Shaban****Kali Ahargana:** 1870121 **Julian Day:** 2458586.5**Sunrise:** h. 5-42 **Sunset:** h. 18-20 **Moonrise:** h. 12-04 **Moonset:** h. 25-48**Tithi:** (Chaitra Sukla) Ashtami h. 11-42 **Nakshatra:** Punarvasu h. 8-59 **Yoga:** Sukarma h. 10-53 **Karana:** Bava h. 11-42 then Balava h. 22-42 **Moon:** in Karkata **Age of Moon:** 7.6 **Declination of Sun:** N 8° 52' **Sidereal Time (noon):** h. 01-25-20s **Equation of time:** -0m 41s**Lagna Mesha** Begins: Chennai h. 6-06 Delhi h. 6-07 Kolkata h. 5-27 Mumbai h. 6-32**Midday** Central Station h.12-00-41s Chennai: h.12-09-42s Delhi: h.12-21-49s Kolkata: h.11-37-11s Mumbai: h.12-39-20s

Saura Vaisakhadi h. 16-48

Annapurna Puja, Rama Navami(Smarta), Mela Bahu Fort(Jammu), Asokashtami(Punarvasu Nakshatra upto h. 8-59)**NEW YEAR OF ALL INDIA NIRAYANA CALENDAR****Sunday, 24 Chaitra, (ni) 1 Vaisakha, 14 April, 8 Shaban****Kali Ahargana:** 1870122 **Julian Day:** 2458587.5**Sunrise:** h. 5-41 **Sunset:** h. 18-20 **Moonrise:** h. 13-07 **Moonset:** h. 26-39**Tithi:** (Chaitra Sukla) Navami h. 9-36 **Nakshatra:** Pushya h. 7-40 **Yoga:** Dhriti h. 8-05 then Sula h. 28-59 **Karana:** Kaulava h. 9-36 then Taitila h. 20-25 **Moon:** in Karkata **Age of Moon:** 8.6 **Declination of Sun:** N 9° 13' **Sidereal Time (noon):** h. 01-29-02s **Equation of time:** -0m 26s**Lagna Mesha** Begins: Chennai h. 6-02 Delhi h. 6-03 Kolkata h. 5-23 Mumbai h. 6-28**Midday** Central Station h.12-00-26s Chennai: h.12-09-26s Delhi: h.12-21-33s Kolkata: h.11-36-56s Mumbai: h.12-39-05s

Sun Enters Nirayana Mesha Rasi and Asvini Nakshatra h. 14-09

Dr. B. R. Ambedkar Jayanti, Meshadi (Tamil Nadu), Cheiraoba (Manipur), Beginning of Nirayana (5120 K.E.) Calendar,**Mesha Samkranti (Mesha Samkranti), Ram Navami (Vaishnava), Rangali Bihu (Assam), Visu(Kerala),****Chaitra Samkranti, Chadak Puja(Bengal), Vaisakhi (Punjab, Haryana, Delhi & Odisha), Palm Sunday (Christian),****Tamil New Year's Day**

Monday, 25 Chaitra, (ni) 2 Vaisakha, 15 April, 9 Shaban**Kali Ahargana:** 1870123 **Julian Day:** 2458588.5**Sunrise:** h. 5-40 **Sunset:** h. 18-21 **Moonrise:** h. 14-11 **Moonset:** h. 27-27**Tithi:** (Chaitra Sukla) Dasami h. 7-08 then Ekadasi h. 28-23 **Nakshatra:** Aslesha h. 5-59 then Magha h. 28-01 **Yoga:** Ganda h. 25-38 **Karana:** Gara h. 7-08, Vanij h. 17-48 then Vishti h. 28-23 **Moon:** in Karkata, enters Simha h. 5-59 **Age of Moon:** 9.6 **Declination of Sun:** N 9° 35' **Sidereal Time (noon):** h. 01-32-43s **Equation of time:** -0m 11s**Lagna** Mesha Begins: Chennai h. 5-58 / 29-54 Delhi h. 5-59 / 29-55 Kolkata h. 5-19 / 29-15 Mumbai h. 6-24 / 30-20**Midday** Central Station h.12-00-11s Chennai: h.12-09-12s Delhi: h.12-21-19s Kolkata: h.11-36-41s Mumbai: h.12-38-50s
Sayana Vyatipata h. 23-11**Vaishakhadi**(Bengal), **Bahag Bihu**(Assam), **Shilhenba**(Manipur), **Kamada Ekadasi**(Smarta)**Tuesday, 26 Chaitra, (ni) 3 Vaisakha, 16 April, 10 Shaban****Kali Ahargana:** 1870124 **Julian Day:** 2458589.5**Sunrise:** h. 5-39 **Sunset:** h. 18-21 **Moonrise:** h. 15-15 **Moonset:** h. 28-11**Tithi:** (Chaitra Sukla) Dvadasi h. 25-26 **Nakshatra:** Purva Phalguni h. 25-50 **Yoga:** Vriddhi h. 22-07 **Karana:** Bava h. 14-56 then Balava h. 25-26 **Moon:** in Simha **Age of Moon:** 10.6 **Declination of Sun:** N 9° 56' **Sidereal Time (noon):** h. 01-36-25s **Equation of time:** 0m 04s**Lagna** Mesha Begins: Chennai h. 29-50 Delhi h. 29-51 Kolkata h. 29-11 Mumbai h. 30-16**Midday** Central Station h.11-59-56s Chennai: h.12-08-57s Delhi: h.12-21-04s Kolkata: h.11-36-26s Mumbai: h.12-38-36s**Ekadasi**(Vaishnava & Vidhava)**Wednesday, 27 Chaitra, (ni) 4 Vaisakha, 17 April, 11 Shaban****Kali Ahargana:** 1870125 **Julian Day:** 2458590.5**Sunrise:** h. 5-38 **Sunset:** h. 18-21 **Moonrise:** h. 16-18 **Moonset:** h. 28-54**Tithi:** (Chaitra Sukla) Trayodasi h. 22-24 **Nakshatra:** Uttara Phalguni h. 23-36 **Yoga:** Dhruva h. 18-31 **Karana:** Kaulava h. 11-55 then Taitila h. 22-24 **Moon:** in Simha, enters Kanya h. 7-17 **Age of Moon:** 11.6 **Declination of Sun:** N 10° 18' **Sidereal Time (noon):** h. 01-40-08s **Equation of time:** 0m 18s**Lagna** Mesha Begins: Chennai h. 29-46 Delhi h. 29-47 Kolkata h. 29-07 Mumbai h. 30-12**Midday** Central Station h.11-59-42s Chennai: h.12-08-43s Delhi: h.12-20-50s Kolkata: h.11-36-12s Mumbai: h.12-38-22s**Mahavira Jayanti**(Jain), **Ananga Trayodasi****Thursday, 28 Chaitra, (ni) 5 Vaisakha, 18 April, 12 Shaban****Kali Ahargana:** 1870126 **Julian Day:** 2458591.5**Sunrise:** h. 5-37 **Sunset:** h. 18-22 **Moonrise:** h. 17-21 **Moonset:** h. 29-36**Tithi:** (Chaitra Sukla) Chaturdasi h. 19-27 **Nakshatra:** Hasta h. 21-25 **Yoga:** Vyaghata h. 14-57 **Karana:** Gara h. 8-54 then Vanij h. 19-27 **Moon:** in Kanya **Age of Moon:** 12.6 **Declination of Sun:** N 10° 39' **Sidereal Time (noon):** h. 01-43-50s **Equation of time:** 0m 32s**Lagna** Mesha Begins: Chennai h. 29-42 Delhi h. 29-43 Kolkata h. 29-03 Mumbai h. 30-08**Midday** Central Station h.11-59-28s Chennai: h.12-08-29s Delhi: h.12-20-36s Kolkata: h.11-35-58s Mumbai: h.12-38-08s**Damanaka Chaturdasi****Friday, 29 Chaitra, (ni) 6 Vaisakha, 19 April, 13 Shaban****Kali Ahargana:** 1870127 **Julian Day:** 2458592.5**Sunrise:** h. 5-37 **Sunset:** h. 18-22 **Moonrise:** h. 18-22**Tithi:** (Chaitra Sukla) Purnima h. 16-42 **Nakshatra:** Chitra h. 19-29 **Yoga:** Harshana h. 11-32 **Karana:** Vishti h. 6-02, Bava h. 16-42 then Balava h. 27-28 **Moon:** in Kanya, enters Tula h. 8-25 **Age of Moon:** 13.6 **Declination of Sun:** N 11° 00' **Sidereal Time (noon):** h. 01-47-33s **Equation of time:** 0m 45s**Lagna** Mesha Begins: Chennai h. 29-38 Delhi h. 29-39 Kolkata h. 28-59 Mumbai h. 30-04**Midday** Central Station h.11-59-15s Chennai: h.12-08-16s Delhi: h.12-20-23s Kolkata: h.11-35-45s Mumbai: h.12-37-55s**Chaitri Purnima, Hanumajjanma**(S.India), **Trivandrum Arat**(Kerala), **Oli ends**(Jain), **Good Friday**(Christian)

Saturday, 30 Chaitra, (ni) 7 Vaisakha, 20 April, 14 Shaban

Kali Ahargana: 1870128 **Julian Day:** 2458593.5

Sunrise: h. 5-36 **Sunset:** h. 18-23 **Moonset:** h. 6-18 **Moonrise:** h. 19-24

Tithi: (Chaitra Krishna) Pratipad h. 14-21 **Nakshatra:** Svati h. 17-58 **Yoga:** Vajra h. 8-25 **Karana:** Kaulava h. 14-21 then Taitila h. 25-22 **Moon:** in Tula **Age of Moon:** 14.6 **Declination of Sun:** N 11° 21' **Sidereal Time (noon):** h. 01-51-17s **Equation of time:** 0m 58s

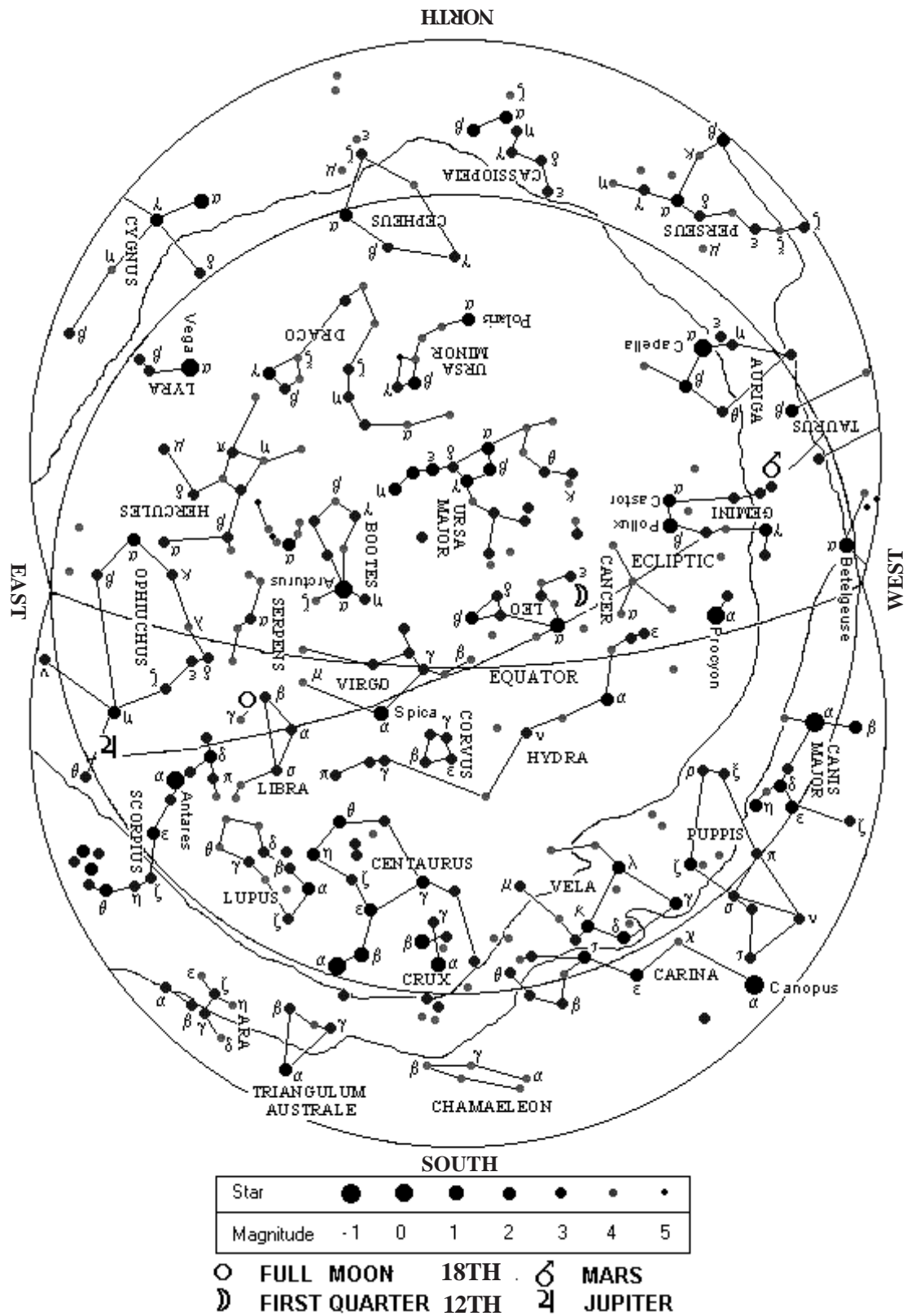
Lagna Mesha Begins: Chennai h. 29-34 Delhi h. 29-35 Kolkata h. 28-55 Mumbai h. 30-00

Midday Central Station h.11-59-02s Chennai: h.12-08-03s Delhi: h.12-20-10s Kolkata: h.11-35-32s Mumbai: h.12-37-42s

Sun enters Tropical Taurus h. 14-25

Easter (Holy) Saturday(Christian), **First day of Passover** (Pesach) - **Jewish**

STAR CHART FOR THE MONTH OF MAY, 2019 (11VAISAKHA - 10 JYAISHTHA) 0° TO 40°N



Month of VAISAKHA : 31 days :: Vedic Month : Sukra (Vrishha)

Nirayana months: 8 Vaisakha 5120 Kali to 7 Jyaishtha 5120 Kali :: 24 and 7 days

Grishma Ritu : 1st Month :: Uttarayana : Uttara Gola

Sun in Mesha, enters Vrishha on 25th :: Ayanamsa on 1st Vaisakha : 24° 07' 19"

Kali Ahargana : 1870129 - 1870159, *Julian Day* : 2458594.5 - 2458624.5

(Nirayana) Jyaishtha begins on 25 Vaisakha, 15 May, 2019

Sunday, 1 Vaisakha, (ni) 8 Vaisakha, 21 April, 15 Shaban

Kali Ahargana: 1870129 **Julian Day:** 2458594.5

Sunrise: h. 5-35 **Sunset:** h. 18-23 **Moonset:** h. 7-01 **Moonrise:** h. 20-24

Tithi: (Chaitra Krishna) Dvitiya h. 12-33 **Nakshatra:** Visakha h. 17-01 **Yoga:** Siddhi (Asrik) h. 5-42 then Vyatipata h. 27-31

Karana: Gara h. 12-33 then vanij h. 23-54 **Moon:** in Tula, enters Vrischika h. 11-12 **Age of Moon:** 15.6 **Declination of Sun:**

N 11° 41' **Sidereal Time (noon):** h. 01-55-01s **Equation of time:** 1m 11s

Lagna Mesha Begins: Chennai h. 29-30 Delhi h. 29-31 Kolkata h. 28-51 Mumbai h. 29-56

Midday Central Station h.11-58-49s Chennai: h.12-07-50s Delhi: h.12-19-57s Kolkata: h.11-35-19s Mumbai: h.12-37-29s

Sab-e-Barat (Preceding night) (Moslem), **Easter Sunday** (Christian)

Monday, 2 Vaisakha, (ni) 9 Vaisakha, 22 April, 16 Shaban

Kali Ahargana: 1870130 **Julian Day:** 2458595.5

Sunrise: h. 5-34 **Sunset:** h. 18-23 **Moonset:** h. 7-47 **Moonrise:** h. 21-23

Tithi: (Chaitra Krishna) Tritiya h. 11-25 **Nakshatra:** Anuradha h. 16-45 **Yoga:** Variyan h. 25-55 **Karana:** Vishti h. 11-25 then

Bava h. 23-09 **Moon:** in Vrischika **Age of Moon:** 16.6 **Declination of Sun:** N 12° 01' **Sidereal Time (noon):** h. 01-58-45s

Equation of time: 1m 23s

Lagna Mesha Begins: Chennai h. 29-26 Delhi h. 29-27 Kolkata h. 28-47 Mumbai h. 29-52

Midday Central Station h.11-58-37s Chennai: h.12-07-38s Delhi: h.12-19-45s Kolkata: h.11-35-07s Mumbai: h.12-37-17s

Jupiter enters Nirayana Vrischika Rasi h. 25-14

Tuesday, 3 Vaisakha, (ni) 10 Vaisakha, 23 April, 17 Shaban

Kali Ahargana: 1870131 **Julian Day:** 2458596.5

Sunrise: h. 5-33 **Sunset:** h. 18-24 **Moonset:** h. 8-34 **Moonrise:** h. 22-19

Tithi: (Chaitra Krishna) Chaturthi h. 11-04 **Nakshatra:** Jyestha h. 17-16 **Yoga:** Parigha h. 24-58 **Karana:** Balava h. 11-04 then

Kaulava h. 23-12 **Moon:** in Vrischika, enters Dhanus h. 17-16 **Age of Moon:** 17.6 **Declination of Sun:** N 12° 22' **Sidereal Time**

(noon): h. 02-02-30s **Equation of time:** 1m 34s

Lagna Mesha Begins: Chennai h. 29-22 Delhi h. 29-23 Kolkata h. 28-43 Mumbai h. 29-48

Midday Central Station h.11-58-26s Chennai: h.12-07-26s Delhi: h.12-19-33s Kolkata: h.11-34-55s Mumbai: h.12-37-05s

Babu Kuer Singh Day (Bihar)

Wednesday, 4 Vaisakha, (ni) 11 Vaisakha, 24 April, 18 Shaban

Kali Ahargana: 1870132 **Julian Day:** 2458597.5

Sunrise: h. 5-33 **Sunset:** h. 18-24 **Moonset:** h. 9-24 **Moonrise:** h. 23-14

Tithi: (Chaitra Krishna) Panchami h. 11-32 **Nakshatra:** Mula h. 18-35 **Yoga:** Siva h. 24-39 **Karana:** Taitila h. 11-32 then Gara

h. 24-04 **Moon:** in Dhanus **Age of Moon:** 18.6 **Declination of Sun:** N 12° 42' **Sidereal Time (noon):** h. 02-06-15s **Equation of**

time: 1m 46s

Lagna Mesha Begins: Chennai h. 29-18 Delhi h. 29-19 Kolkata h. 28-39 Mumbai h. 29-44

Midday Central Station h.11-58-14s Chennai: h.12-07-15s Delhi: h.12-19-22s Kolkata: h.11-34-44s Mumbai: h.12-36-54s

Thursday, 5 Vaisakha, (ni) 12 Vaisakha, 25 April, 19 Shaban**Kali Ahargana:** 1870133 **Julian Day:** 2458598.5**Sunrise:** h. 5-32 **Sunset:** h. 18-25 **Moonset:** h. 10-14 **Moonrise:** h. 24-03**Tithi:** (Chaitra Krishna) Shashthi h. 12-47 **Nakshatra:** Purvasadha h. 20-37 **Yoga:** Siddha h. 24-53 **Karana:** vanij h. 12-47 then Vishti h. 25-39 **Moon:** in Dhanus, enters Makara h. 27-14 **Age of Moon:** 19.6 **Declination of Sun:** N 13° 01' **Sidereal Time (noon):** h. 02-10-01s **Equation of time:** 1m 56s**Lagna Mesha** Begins: Chennai h. 29-14 Delhi h. 29-15 Kolkata h. 28-35 Mumbai h. 29-40

Midday Central Station h.11-58-04s Chennai: h.12-07-04s Delhi: h.12-19-12s Kolkata: h.11-34-34s Mumbai: h.12-36-43s

Friday, 6 Vaisakha, (ni) 13 Vaisakha, 26 April, 20 Shaban**Kali Ahargana:** 1870134 **Julian Day:** 2458599.5**Sunrise:** h. 5-31 **Sunset:** h. 18-25 **Moonset:** h. 11-07 **Moonrise:** h. 24-49**Tithi:** (Chaitra Krishna) Saptami h. 14-40 **Nakshatra:** Uttarasadha h. 23-14 **Yoga:** Sadhya h. 25-34 **Karana:** Bava h. 14-40 then Balava h. 27-48 **Moon:** in Makara **Age of Moon:** 20.6 **Declination of Sun:** N 13° 21' **Sidereal Time (noon):** h. 02-13-48s **Equation of time:** 2m 07s**Lagna Mesha** Begins: Chennai h. 29-10 Delhi h. 29-11 Kolkata h. 28-31 Mumbai h. 29-36

Midday Central Station h.11-57-53s Chennai: h.12-06-54s Delhi: h.12-19-01s Kolkata: h.11-34-23s Mumbai: h.12-36-33s

Saturday, 7 Vaisakha, (ni) 14 Vaisakha, 27 April, 21 Shaban**Kali Ahargana:** 1870135 **Julian Day:** 2458600.5**Sunrise:** h. 5-30 **Sunset:** h. 18-26 **Moonset:** h. 11-58 **Moonrise:** h. 25-32**Tithi:** (Chaitra Krishna) Ashtami h. 17-01 **Nakshatra:** Sravana h. 26-12 **Yoga:** Subha h. 26-30 **Karana:** Kaulava h. 17-01 **Moon:** in Makara **Age of Moon:** 21.6 **Declination of Sun:** N 13° 40' **Sidereal Time (noon):** h. 02-17-34s **Equation of time:** 2m 16s**Lagna Mesha** Begins: Chennai h. 29-07 Delhi h. 29-08 Kolkata h. 28-28 Mumbai h. 29-33

Midday Central Station h.11-57-44s Chennai: h.12-06-45s Delhi: h.12-18-52s Kolkata: h.11-34-14s Mumbai: h.12-36-23s

Sunday, 8 Vaisakha, (ni) 15 Vaisakha, 28 April, 22 Shaban**Kali Ahargana:** 1870136 **Julian Day:** 2458601.5**Sunrise:** h. 5-29 **Sunset:** h. 18-26 **Moonset:** h. 12-50 **Moonrise:** h. 26-10**Tithi:** (Chaitra Krishna) Navami h. 19-34 **Nakshatra:** Dhanistha h. 29-17 **Yoga:** Sukla (Sukra) h. 27-32 **Karana:** Taitila h. 6-17 then Gara h. 19-34 **Moon:** in Makara, enters Kumbha h. 15-45 **Age of Moon:** 22.6 **Declination of Sun:** N 13° 59' **Sidereal Time (noon):** h. 02-21-22s **Equation of time:** 2m 25s**Lagna Mesha** Begins: Chennai h. 29-03 Delhi h. 29-04 Kolkata h. 28-24 Mumbai h. 29-29

Midday Central Station h.11-57-35s Chennai: h.12-06-35s Delhi: h.12-18-42s Kolkata: h.11-34-04s Mumbai: h.12-36-14s

Sayana Vaidhriti h. 12-03, Sun enters Bharani Nakshatra h. 6-04

Low Sunday (Christian)**Monday, 9 Vaisakha, (ni) 16 Vaisakha, 29 April, 23 Shaban****Kali Ahargana:** 1870137 **Julian Day:** 2458602.5**Sunrise:** h. 5-29 **Sunset:** h. 18-26 **Moonset:** h. 13-41 **Moonrise:** h. 26-47**Tithi:** (Chaitra Krishna) Dasami h. 22-04 **Nakshatra:** Satabhisaj ahoratra **Yoga:** Brahma h. 28-28 **Karana:** vanij h. 8-51 then Vishti h. 22-04 **Moon:** in Kumbha **Age of Moon:** 23.6 **Declination of Sun:** N 14° 18' **Sidereal Time (noon):** h. 02-25-10s **Equation of time:** 2m 34s**Lagna Mesha** Begins: Chennai h. 28-59 Delhi h. 29-00 Kolkata h. 28-20 Mumbai h. 29-25

Midday Central Station h.11-57-26s Chennai: h.12-06-27s Delhi: h.12-18-34s Kolkata: h.11-33-56s Mumbai: h.12-36-06s

Tuesday, 10 Vaisakha, (ni) 17 Vaisakha, 30 April, 24 Shaban**Kali Ahargana:** 1870138 **Julian Day:** 2458603.5**Sunrise:** h. 5-28 **Sunset:** h. 18-27 **Moonset:** h. 14-31 **Moonrise:** h. 27-22**Tithi:** (Chaitra Krishna) Ekadasi h. 24-18 **Nakshatra:** Satabhisaj h. 8-15 **Yoga:** Indra h. 29-09 **Karana:** Bava h. 11-14 then Balava h. 24-18 **Moon:** in Kumbha, enters Mina h. 28-15 **Age of Moon:** 24.6 **Declination of Sun:** N 14° 37' **Sidereal Time (noon):** h. 02-28-58s **Equation of time:** 2m 42s**Lagna** Mesha Begins: Chennai h. 28-55 Delhi h. 28-56 Kolkata h. 28-16 Mumbai h. 29-21

Midday Central Station h.11-57-18s Chennai: h.12-06-19s Delhi: h.12-18-26s Kolkata: h.11-33-48s Mumbai: h.12-35-58s

Varuthini Ekadasi, Vallabhacharya Jayanti**Wednesday, 11 Vaisakha, (ni) 18 Vaisakha, 1 May, 25 Shaban****Kali Ahargana:** 1870139 **Julian Day:** 2458604.5**Sunrise:** h. 5-27 **Sunset:** h. 18-27 **Moonset:** h. 15-22 **Moonrise:** h. 27-56**Tithi:** (Chaitra Krishna) Dvadasi h. 26-05 **Nakshatra:** Purva Bhadrapada h. 10-52 **Yoga:** Vaidhriti ahoratra **Karana:** Kaulava h. 13-15 then Taitila h. 26-05 **Moon:** in Mina **Age of Moon:** 25.6 **Declination of Sun:** N 14° 55' **Sidereal Time (noon):** h. 02-32-47s **Equation of time:** 2m 50s**Lagna** Vrisha Begins: Chennai h. 6-43 Delhi h. 6-31 Kolkata h. 5-57 Mumbai h. 7-04

Midday Central Station h.11-57-10s Chennai: h.12-06-11s Delhi: h.12-18-18s Kolkata: h.11-33-40s Mumbai: h.12-35-50s

May Day**Thursday, 12 Vaisakha, (ni) 19 Vaisakha, 2 May, 26 Shaban****Kali Ahargana:** 1870140 **Julian Day:** 2458605.5**Sunrise:** h. 5-27 **Sunset:** h. 18-28 **Moonset:** h. 16-13 **Moonrise:** h. 28-30**Tithi:** (Chaitra Krishna) Trayodasi h. 27-21 **Nakshatra:** Uttara Bhadrapada h. 13-02 **Yoga:** Vaidhriti h. 5-30 **Karana:** Gara h. 14-47 then vanij h. 27-21 **Moon:** in Mina **Age of Moon:** 26.6 **Declination of Sun:** N 15° 13' **Sidereal Time (noon):** h. 02-36-36s **Equation of time:** 2m 57s**Lagna** Vrisha Begins: Chennai h. 6-39 Delhi h. 6-27 Kolkata h. 5-53 Mumbai h. 7-00

Midday Central Station h.11-57-03s Chennai: h.12-06-04s Delhi: h.12-18-11s Kolkata: h.11-33-33s Mumbai: h.12-35-43s

Friday, 13 Vaisakha, (ni) 20 Vaisakha, 3 May, 27 Shaban**Kali Ahargana:** 1870141 **Julian Day:** 2458606.5**Sunrise:** h. 5-26 **Sunset:** h. 18-28 **Moonset:** h. 17-05 **Moonrise:** h. 29-07**Tithi:** (Chaitra Krishna) Chaturdasi h. 28-04 **Nakshatra:** Revati h. 14-40 **Yoga:** Viskumbha h. 5-26 then Priti h. 28-57 **Karana:** Vishti h. 15-47 then Sakuni h. 28-04 **Moon:** in Mina, enters Mesha h. 14-40 **Age of Moon:** 27.6 **Declination of Sun:** N 15° 31' **Sidereal Time (noon):** h. 02-40-26s **Equation of time:** 3m 03s**Lagna** Vrisha Begins: Chennai h. 6-35 Delhi h. 6-23 Kolkata h. 5-49 Mumbai h. 6-56

Midday Central Station h.11-56-57s Chennai: h.12-05-57s Delhi: h.12-18-05s Kolkata: h.11-33-26s Mumbai: h.12-35-36s

Birthday anniversary of Dada Chellaram (Sindhi)**Saturday, 14 Vaisakha, (ni) 21 Vaisakha, 4 May, 28 Shaban****Kali Ahargana:** 1870142 **Julian Day:** 2458607.5**Sunrise:** h. 5-25 **Sunset:** h. 18-29 **Moonset:** h. 17-59**Tithi:** (Chaitra Krishna) Amavasya h. 28-16 **Nakshatra:** Asvini h. 15-47 **Yoga:** Ayusman h. 28-04 **Karana:** Chatuspada h. 16-14 then Naga h. 28-16 **Moon:** in Mesha **Age of Moon:** 28.6 **Declination of Sun:** N 15° 49' **Sidereal Time (noon):** h. 02-44-17s **Equation of time:** 3m 09s**Lagna** Vrisha Begins: Chennai h. 6-31 Delhi h. 6-19 Kolkata h. 5-45 Mumbai h. 6-52

Midday Central Station h.11-56-51s Chennai: h.12-05-51s Delhi: h.12-17-59s Kolkata: h.11-33-20s Mumbai: h.12-35-31s

Sunday, 15 Vaisakha, (ni) 22 Vaisakha, 5 May, 29 Shaban

Kali Ahargana: 1870143 **Julian Day:** 2458608.5

Sunrise: h. 5-25 **Sunset:** h. 18-29 **Moonrise:** h. 5-45 **Moonset:** h. 18-55

Tithi: (Vaisakha Sukla) Pratipad h. 27-59 **Nakshatra:** Bharani h. 16-24 **Yoga:** Saubhagya h. 26-48 **Karana:** Kinstughna h. 16-10 then Bava h. 27-59 **Moon:** in Mesha, enters Vrisha h. 22-30 **Age of Moon:** 0.1 **Declination of Sun:** N 16° 06' **Sidereal Time (noon):** h. 02-48-08s **Equation of time:** 3m 15s

Lagna Vrisha Begins: Chennai h. 6-27 Delhi h. 6-15 Kolkata h. 5-41 Mumbai h. 6-48

Midday Central Station h.11-56-45s Chennai: h.12-05-46s Delhi: h.12-17-53s Kolkata: h.11-33-15s Mumbai: h.12-35-25s

Tithi of Deva Damodara (Assam)

Monday, 16 Vaisakha, (ni) 23 Vaisakha, 6 May, 30 Shaban

Kali Ahargana: 1870144 **Julian Day:** 2458609.5

Sunrise: h. 5-24 **Sunset:** h. 18-30 **Moonrise:** h. 6-26 **Moonset:** h. 19-53

Tithi: (Vaisakha Sukla) Dvitiya h. 27-18 **Nakshatra:** Krittika h. 16-37 **Yoga:** Sobhana h. 25-13 **Karana:** Balava h. 15-41 then Kaulava h. 27-18 **Moon:** in Vrisha **Age of Moon:** 1.1 **Declination of Sun:** N 16° 24' **Sidereal Time (noon):** h. 02-52-00s **Equation of time:** 3m 20s

Lagna Vrisha Begins: Chennai h. 6-23 Delhi h. 6-11 Kolkata h. 5-37 Mumbai h. 6-44

Midday Central Station h.11-56-40s Chennai: h.12-05-41s Delhi: h.12-17-48s Kolkata: h.11-33-10s Mumbai: h.12-35-20s

Tuesday, 17 Vaisakha, (ni) 24 Vaisakha, 7 May, 1 Ramadan

Kali Ahargana: 1870145 **Julian Day:** 2458610.5

Sunrise: h. 5-23 **Sunset:** h. 18-30 **Moonrise:** h. 7-13 **Moonset:** h. 20-53

Tithi: (Vaisakha Sukla) Tritiya h. 26-17 **Nakshatra:** Rohini h. 16-27 **Yoga:** Atiganda h. 23-22 **Karana:** Taitila h. 14-50 then Gara h. 26-17 **Moon:** in Vrisha, enters Mithuna h. 28-15 **Age of Moon:** 2.1 **Declination of Sun:** N 16° 40' **Sidereal Time (noon):** h. 02-55-52s **Equation of time:** 3m 24s

Lagna Vrisha Begins: Chennai h. 6-19 Delhi h. 6-07 Kolkata h. 5-33 Mumbai h. 6-40

Midday Central Station h.11-56-36s Chennai: h.12-05-37s Delhi: h.12-17-44s Kolkata: h.11-33-06s Mumbai: h.12-35-16s

Parasurama Jayanti, Akshaya Tritiya, Varsitapa Samapana (Jain), Kedar Badri Yatra, First day of Ramadan (Moslem)

Wednesday, 18 Vaisakha, (ni) 25 Vaisakha, 8 May, 2 Ramadan

Kali Ahargana: 1870146 **Julian Day:** 2458611.5

Sunrise: h. 5-23 **Sunset:** h. 18-31 **Moonrise:** h. 8-03 **Moonset:** h. 21-52

Tithi: (Vaisakha Sukla) Chaturthi h. 24-59 **Nakshatra:** Mrigasiras h. 16-00 **Yoga:** Sukarma h. 21-17 **Karana:** Vanij h. 13-40 then Vishti h. 24-59 **Moon:** in Mithuna **Age of Moon:** 3.1 **Declination of Sun:** N 16° 57' **Sidereal Time (noon):** h. 02-59-45s **Equation of time:** 3m 28s

Lagna Vrisha Begins: Chennai h. 6-15 Delhi h. 6-03 Kolkata h. 5-29 Mumbai h. 6-36

Midday Central Station h.11-56-32s Chennai: h.12-05-33s Delhi: h.12-17-40s Kolkata: h.11-33-02s Mumbai: h.12-35-12s

Thursday, 19 Vaisakha, (ni) 26 Vaisakha, 9 May, 3 Ramadan

Kali Ahargana: 1870147 **Julian Day:** 2458612.5

Sunrise: h. 5-22 **Sunset:** h. 18-31 **Moonrise:** h. 8-59 **Moonset:** h. 22-50

Tithi: (Vaisakha Sukla) Panchami h. 23-27 **Nakshatra:** Ardra h. 15-17 **Yoga:** Dhriti h. 19-00 **Karana:** Bava h. 12-15 then Balava h. 23-27 **Moon:** in Mithuna **Age of Moon:** 4.1 **Declination of Sun:** N 17° 13' **Sidereal Time (noon):** h. 03-03-38s **Equation of time:** 3m 31s

Lagna Vrisha Begins: Chennai h. 6-11 Delhi h. 5-59 Kolkata h. 5-25 Mumbai h. 6-32

Midday Central Station h.11-56-29s Chennai: h.12-05-30s Delhi: h.12-17-37s Kolkata: h.11-32-59s Mumbai: h.12-35-09s

Birthday of Rabindra Nath Tagore, Sri Shankaracharya Jayanti, Sri Ramanujacharya Jayanti (S. India)

Friday, 20 Vaisakha, (ni) 27 Vaisakha, 10 May, 4 Ramadan**Kali Ahargana:** 1870148 **Julian Day:** 2458613.5**Sunrise:** h. 5-22 **Sunset:** h. 18-31 **Moonrise:** h. 9-59 **Moonset:** h. 23-46**Tithi:** (Vaisakha Sukla) Shashthi h. 21-42 **Nakshatra:** Punarvasu h. 14-21 **Yoga:** Sula h. 16-33 **Karana:** Kaulava h. 10-36 then Taitila h. 21-42 **Moon:** in Mithuna, enters Karkata h. 8-36 **Age of Moon:** 5.1 **Declination of Sun:** N 17° 29' **Sidereal Time (noon):** h. 03-07-32s **Equation of time:** 3m 33s**Lagna** Vrisha Begins: Chennai h. 6-07 Delhi h. 5-55 Kolkata h. 5-21 Mumbai h. 6-28

Midday Central Station h.11-56-27s Chennai: h.12-05-28s Delhi: h.12-17-35s Kolkata: h.11-32-56s Mumbai: h.12-35-07s

Sri Ramanujacharya Jayanti**Saturday, 21 Vaisakha, (ni) 28 Vaisakha, 11 May, 5 Ramadan****Kali Ahargana:** 1870149 **Julian Day:** 2458614.5**Sunrise:** h. 5-21 **Sunset:** h. 18-32 **Moonrise:** h. 11-00 **Moonset:** h. 24-37**Tithi:** (Vaisakha Sukla) Saptami h. 19-45 **Nakshatra:** Pushya h. 13-13 **Yoga:** Ganda h. 13-55 **Karana:** Gara h. 8-45 then vanij h. 19-45 **Moon:** in Karkata **Age of Moon:** 6.1 **Declination of Sun:** N 17° 45' **Sidereal Time (noon):** h. 03-11-27s **Equation of time:** 3m 35s**Lagna** Vrisha Begins: Chennai h. 6-03 Delhi h. 5-51 Kolkata h. 5-17 Mumbai h. 6-24

Midday Central Station h.11-56-25s Chennai: h.12-05-25s Delhi: h.12-17-33s Kolkata: h.11-32-54s Mumbai: h.12-35-05s

Sun enters Kritika Nakshatra h. 24-08, Sayana Vyatipata h. 11-23

Gangotpatti**Sunday, 22 Vaisakha, (ni) 29 Vaisakha, 12 May, 6 Ramadan****Kali Ahargana:** 1870150 **Julian Day:** 2458615.5**Sunrise:** h. 5-21 **Sunset:** h. 18-32 **Moonrise:** h. 12-03 **Moonset:** h. 25-24**Tithi:** (Vaisakha Siukla) Ashtami h. 17-37 **Nakshatra:** Aslesha h. 11-55 **Yoga:** Vriddhi h. 11-10 **Karana:** Vishti h. 6-42, Bava h. 17-37 then Balava h. 28-30 **Moon:** in Karkata, enters Simha h. 11-55 **Age of Moon:** 7.1 **Declination of Sun:** N 18° 00' **Sidereal Time (noon):** h. 03-15-22s **Equation of time:** 3m 37s**Lagna** Vrisha Begins: Chennai h. 6-00 Delhi h. 5-48 Kolkata h. 5-14 Mumbai h. 6-21

Midday Central Station h.11-56-23s Chennai: h.12-05-24s Delhi: h.12-17-31s Kolkata: h.11-32-53s Mumbai: h.12-35-03s

Monday, 23 Vaisakha, (ni) 30 Vaisakha, 13 May, 7 Ramadan**Kali Ahargana:** 1870151 **Julian Day:** 2458616.5**Sunrise:** h. 5-20 **Sunset:** h. 18-33 **Moonrise:** h. 13-05 **Moonset:** h. 26-08**Tithi:** (Vaisakha Sukla) Navami h. 15-21 **Nakshatra:** Magha h. 10-27 **Yoga:** Dhruva h. 8-16 then Vyaghata h. 29-17 **Karana:** Kaulava h. 15-21 then Taitila h. 26-11 **Moon:** in Simha **Age of Moon:** 8.1 **Declination of Sun:** N 18° 15' **Sidereal Time (noon):** h. 03-19-17s **Equation of time:** 3m 38s**Lagna** Vrisha Begins: Chennai h. 5-56 Delhi h. 5-44 Kolkata h. 5-10 Mumbai h. 6-17

Midday Central Station h.11-56-22s Chennai: h.12-05-23s Delhi: h.12-17-30s Kolkata: h.11-32-52s Mumbai: h.12-35-02s

Sita Navami, Trichur Pooram (Kerala)**Tuesday, 24 Vaisakha, (ni) 31 Vaisakha, 14 May, 8 Ramadan****Kali Ahargana:** 1870152 **Julian Day:** 2458617.5**Sunrise:** h. 5-20 **Sunset:** h. 18-33 **Moonrise:** h. 14-07 **Moonset:** h. 26-50**Tithi:** (Vaisakha Sukla) Dasami h. 13-00 **Nakshatra:** Purva Phalguni h. 8-53 **Yoga:** Harshana h. 26-16 **Karana:** Gara h. 13-00 then vanij h. 23-48 **Moon:** in Simha, enters Kanya h. 14-29 **Age of Moon:** 9.1 **Declination of Sun:** N 18° 30' **Sidereal Time (noon):** h. 03-23-14s **Equation of time:** 3m 38s**Lagna** Vrisha Begins: Chennai h. 5-52 Delhi h. 5-40 Kolkata h. 5-06 Mumbai h. 6-13

Midday Central Station h.11-56-22s Chennai: h.12-05-23s Delhi: h.12-17-30s Kolkata: h.11-32-51s Mumbai: h.12-35-02s

Saura Jyaishtadi h. 13-18

Meenakshi Kalyanam

Wednesday, 25 Vaisakha, (ni) 1 Jyaishtha, 15 May, 9 Ramadan**Kali Ahargana:** 1870153 **Julian Day:** 2458618.5**Sunrise:** h. 5-19 **Sunset:** h. 18-34 **Moonrise:** h. 15-08 **Moonset:** h. 27-31

Tithi: (Vaisakha Sukla) Ekadasi h. 10-36 **Nakshatra:** Uttara Phalguni h. 7-16 **Yoga:** Vajra h. 23-15 **Karana:** Vishti h. 10-36 then Bava h. 21-25 **Moon:** in Kanya **Age of Moon:** 10.1 **Declination of Sun:** N 18° 45' **Sidereal Time (noon):** h. 03-27-10s **Equation of time:** 3m 38s

Lagna Vrisha Begins: Chennai h. 5-48 Delhi h. 5-36 Kolkata h. 5-02 Mumbai h. 6-09

Midday Central Station h.11-56-22s Chennai: h.12-05-23s Delhi: h.12-17-30s Kolkata: h.11-32-52s Mumbai: h.12-35-02s

Sun enters Nirayana Vrisha Rasi h. 11-01

Mohini Ekadasi**Thursday, 26 Vaisakha, (ni) 2 Jyaishtha, 16 May, 10 Ramadan****Kali Ahargana:** 1870154 **Julian Day:** 2458619.5**Sunrise:** h. 5-19 **Sunset:** h. 18-34 **Moonrise:** h. 16-08 **Moonset:** h. 28-11

Tithi: (Vaisakha Sukla) Dvadasi h. 8-16 **Nakshatra:** Hasta h. 5-42 then Chitra h. 28-16 **Yoga:** Siddhi (Asrik) h. 20-20 **Karana:** Balava h. 8-16 then Kaulava h. 19-09 **Moon:** in Kanya, enters Tula h. 16-57 **Age of Moon:** 11.1 **Declination of Sun:** N 18° 59' **Sidereal Time (noon):** h. 03-31-08s **Equation of time:** 3m 37s

Lagna Vrisha Begins: Chennai h. 5-44 / 29-40 Delhi h. 5-32 / 29-28 Kolkata h. 4-58 / 28-54 Mumbai h. 6-05 / 30-01

Midday Central Station h.11-56-23s Chennai: h.12-05-23s Delhi: h.12-17-31s Kolkata: h.11-32-52s Mumbai: h.12-35-03s

Friday, 27 Vaisakha, (ni) 3 Jyaishtha, 17 May, 11 Ramadan**Kali Ahargana:** 1870155 **Julian Day:** 2458620.5**Sunrise:** h. 5-18 **Sunset:** h. 18-35 **Moonrise:** h. 17-08 **Moonset:** h. 28-53

Tithi: (Vaisakha Sukla) Trayodasi h. 6-05 then Chaturdasi h. 28-11 **Nakshatra:** Svati h. 27-07 **Yoga:** Vyatipata h. 17-37 **Karana:** Taitila h. 6-05, Gara h. 17-05 then vanij h. 28-11 **Moon:** in Tula **Age of Moon:** 12.1 **Declination of Sun:** N 19° 13' **Sidereal Time (noon):** h. 03-35-05s **Equation of time:** 3m 36s

Lagna Vrisha Begins: Chennai h. 29-36 Delhi h. 29-24 Kolkata h. 28-50 Mumbai h. 29-57

Midday Central Station h.11-56-24s Chennai: h.12-05-25s Delhi: h.12-17-32s Kolkata: h.11-32-54s Mumbai: h.12-35-04s

Nrisimha Chaturdasi**Saturday, 28 Vaisakha, (ni) 4 Jyaishtha, 18 May, 12 Ramadan****Kali Ahargana:** 1870156 **Julian Day:** 2458621.5**Sunrise:** h. 5-18 **Sunset:** h. 18-35 **Moonrise:** h. 18-08

Tithi: (Vaisakha Sukla) Purnima h. 26-41 **Nakshatra:** Visakha h. 26-22 **Yoga:** Variyan h. 15-10 **Karana:** Vishti h. 15-23 then Bava h. 26-41 **Moon:** in Tula, enters Vrischika h. 20-31 **Age of Moon:** 13.10 **Declination of Sun:** N 19° 26' **Sidereal Time (noon):** h. 03-39-04s **Equation of time:** 3m 34s

Lagna Vrisha Begins: Chennai h. 29-32 Delhi h. 29-20 Kolkata h. 28-46 Mumbai h. 29-53

Midday Central Station h.11-56-26s Chennai: h.12-05-27s Delhi: h.12-17-34s Kolkata: h.11-32-55s Mumbai: h.12-35-06s

Vaisakhi Purnima, Buddha Purnima**Sunday, 29 Vaisakha, (ni) 5 Jyaishtha, 19 May, 13 Ramadan****Kali Ahargana:** 1870157 **Julian Day:** 2458622.5**Sunrise:** h. 5-18 **Sunset:** h. 18-36 **Moonset:** h. 5-37 **Moonrise:** h. 19-08

Tithi: (Vaisakha Krishna) Pratipad h. 25-43 **Nakshatra:** Anuradha h. 26-07 **Yoga:** Parigha h. 13-06 **Karana:** Balava h. 14-08 then Kaulava h. 25-43 **Moon:** in Vrischika **Age of Moon:** 14.1 **Declination of Sun:** N 19° 39' **Sidereal Time (noon):** h. 03-43-03s **Equation of time:** 3m 32s

Lagna Vrisha Begins: Chennai h. 29-28 Delhi h. 29-16 Kolkata h. 28-42 Mumbai h. 29-49

Midday Central Station h.11-56-28s Chennai: h.12-05-29s Delhi: h.12-17-36s Kolkata: h.11-32-58s Mumbai: h.12-35-08s

Monday, 30 Vaisakha, (ni) 6 Jyaishtha, 20 May, 14 Ramadan

Kali Ahargana: 1870158 **Julian Day:** 2458623.5

Sunrise: h. 5-17 **Sunset:** h. 18-36 **Moonset:** h. 6-23 **Moonrise:** h. 20-06

Tithi: (Vaisakha Krishna) Dvitiya h. 25-22 **Nakshatra:** Jyestha h. 26-29 **Yoga:** Siva h. 11-29 **Karana:** Taitila h. 13-27 then Gara h. 25-22 **Moon:** in Vrischika, enters Dhanus h. 26-29 **Age of Moon:** 15.1 **Declination of Sun:** N 19° 52' **Sidereal Time (noon):** h. 03-47-02s **Equation of time:** 3m 29s

Lagna Vrisha Begins: Chennai h. 29-24 Delhi h. 29-12 Kolkata h. 28-38 Mumbai h. 29-45

Midday Central Station h.11-56-31s Chennai: h.12-05-32s Delhi: h.12-17-39s Kolkata: h.11-33-01s Mumbai: h.12-35-11s

Tuesday, 31 Vaisakha, (ni) 7 Jyaishtha, 21 May, 15 Ramadan

Kali Ahargana: 1870159 **Julian Day:** 2458624.5

Sunrise: h. 5-17 **Sunset:** h. 18-37 **Moonset:** h. 7-13 **Moonrise:** h. 21-02

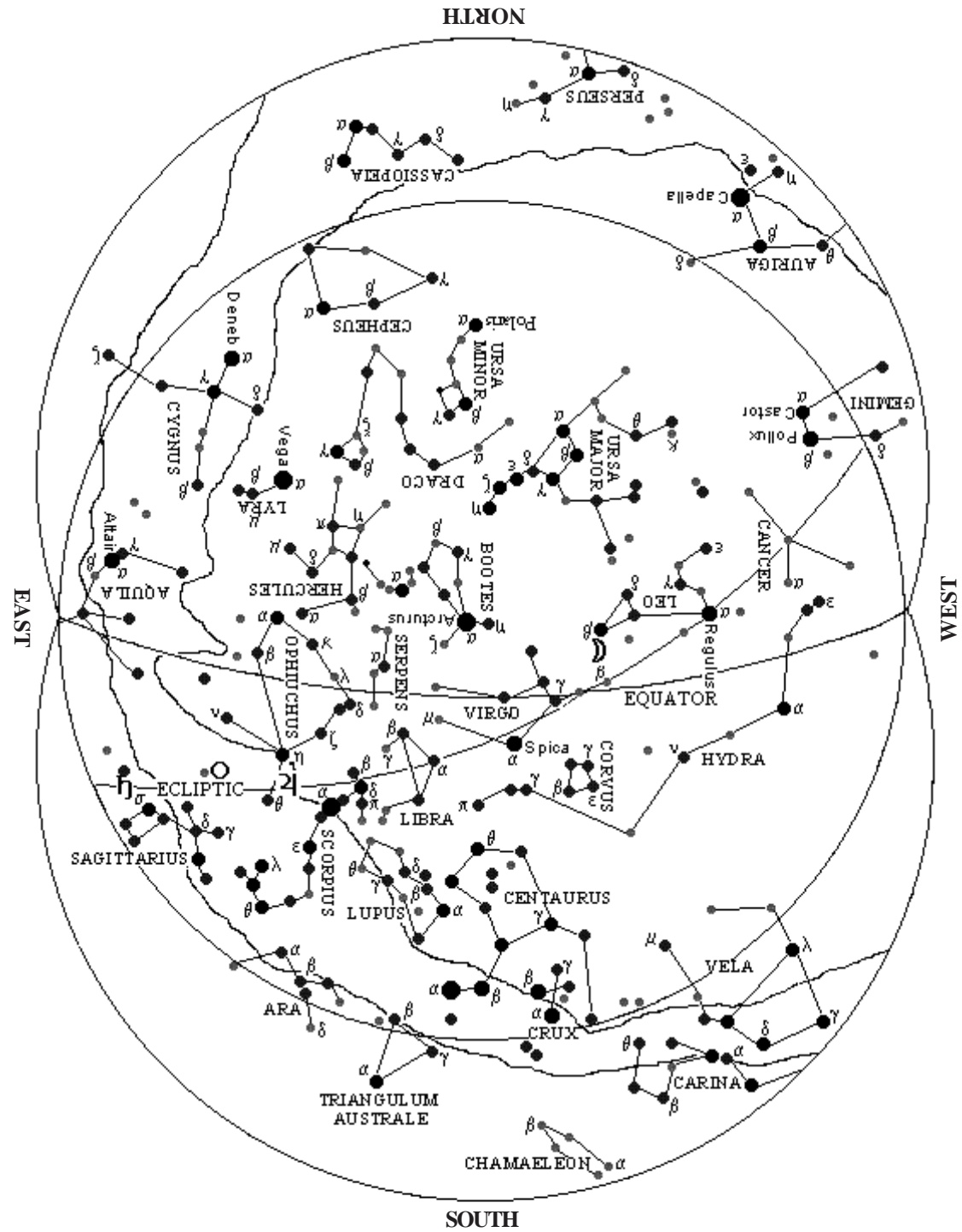
Tithi: (Vaisakha Krishna) Tritiya h. 25-41 **Nakshatra:** Mula h. 27-31 **Yoga:** Siddha h. 10-23 **Karana:** vanij h. 13-26 then Vishti h. 25-41 **Moon:** in Dhanus **Age of Moon:** 16.1 **Declination of Sun:** N 20° 05' **Sidereal Time (noon):** h. 03-51-02s **Equation of time:** 3m 26s

Lagna Vrisha Begins: Chennai h. 29-20 Delhi h. 29-08 Kolkata h. 28-34 Mumbai h. 29-41

Midday Central Station h.11-56-34s Chennai: h.12-05-35s Delhi: h.12-17-42s Kolkata: h.11-33-04s Mumbai: h.12-35-15s

Sun enters Tropical Gemini h. 13-29

STAR CHART FOR THE MONTH OF JUNE, 2019 (11 JYAISHTHA - 9 ASHADHA) 0° TO 40°N



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 17TH ♃ JUPITER
 ☾ FIRST QUARTER 10TH ♄ SATURN

Month of JYAISHTHA : 31 days :: Vedic Month : Suchi (Mithuna)

Nirayana months: 8 Jyaishtha, 5120 Kali to 7 Ashadha, 5120 Kali :: 24 and 7 days

Grishma Ritu : 2nd Month :: Uttarayana : Uttara Gola

Sun in Vrisha, enters Mithuna on 25th :: Ayanamsa on 1st Jyaishtha : 24° 07' 23"

Kali Ahargana : 1870160 - 1870190, *Julian Day* : 2458625.5 - 2458655.5

(Nirayana) Ashadha begins on 25 Jyaishtha, 15 June, 2019

Wednesday, 1 Jyaishtha, (ni) 8 Jyaishtha, 22 May, 16 Ramadan

Kali Ahargana: 1870160 **Julian Day:** 2458625.5

Sunrise: h. 5-16 **Sunset:** h. 18-37 **Moonset:** h. 8-04 **Moonrise:** h. 21-55

Tithi: (Vaisakha Krishna) Chaturthi h. 26-41 **Nakshatra:** Purvasadha h. 29-13 **Yoga:** Sadhya h. 9-50 **Karana:** Bava h. 14-06 then Balava h. 26-41 **Moon:** in Dhanus **Age of Moon:** 17.1 **Declination of Sun:** N 20° 17' **Sidereal Time (noon):** h. 03-55-03s **Equation of time:** 3m 22s

Lagna Vrisha Begins: Chennai h. 29-16 Delhi h. 29-04 Kolkata h. 28-30 Mumbai h. 29-37

Midday Central Station h.11-56-38s Chennai: h.12-05-39s Delhi: h.12-17-46s Kolkata: h.11-33-08s Mumbai: h.12-35-19s

Thursday, 2 Jyaishtha, (ni) 9 Jyaishtha, 23 May, 17 Ramadan

Kali Ahargana: 1870161 **Julian Day:** 2458626.5

Sunrise: h. 5-16 **Sunset:** h. 18-38 **Moonset:** h. 8-56 **Moonrise:** h. 22-43

Tithi: (Vaisakha Krishna) Panchami h. 28-19 **Nakshatra:** Uttarasadha ahoratra **Yoga:** Subha h. 9-48 **Karana:** Kaulava h. 15-26 then Taitila h. 28-19 **Moon:** in Dhanus, enters Makara h. 11-44 **Age of Moon:** 18.1 **Declination of Sun:** N 20° 29' **Sidereal Time (noon):** h. 03-59-04s **Equation of time:** 3m 17s

Lagna Vrisha Begins: Chennai h. 29-12 Delhi h. 29-00 Kolkata h. 28-26 Mumbai h. 29-33

Midday Central Station h.11-56-43s Chennai: h.12-05-44s Delhi: h.12-17-51s Kolkata: h.11-33-13s Mumbai: h.12-35-23s

Sayana Vaidhriti h. 19-07

Friday, 3 Jyaishtha, (ni) 10 Jyaishtha, 24 May, 18 Ramadan

Kali Ahargana: 1870162 **Julian Day:** 2458627.5

Sunrise: h. 5-16 **Sunset:** h. 18-38 **Moonset:** h. 9-49 **Moonrise:** h. 23-27

Tithi: (Vaisakha Krishna) Shashthi ahoratra **Nakshatra:** Uttarasadha h. 7-30 **Yoga:** Sukla (Sukra) h. 10-14 **Karana:** Gara h. 17-19 **Moon:** in Makara **Age of Moon:** 19.1 **Declination of Sun:** N 20° 40' **Sidereal Time (noon):** h. 04-03-06s **Equation of time:** 3m 12s

Lagna Vrisha Begins: Chennai h. 29-08 Delhi h. 28-56 Kolkata h. 28-22 Mumbai h. 29-29

Midday Central Station h.11-56-48s Chennai: h.12-05-49s Delhi: h.12-17-56s Kolkata: h.11-33-18s Mumbai: h.12-35-28s

Zarthost-no-Diso (Parsi Shahenshahi)

Saturday, 4 Jyaishtha, (ni) 11 Jyaishtha, 25 May, 19 Ramadan

Kali Ahargana: 1870163 **Julian Day:** 2458628.5

Sunrise: h. 5-16 **Sunset:** h. 18-39 **Moonset:** h. 10-41 **Moonrise:** h. 24-08

Tithi: (Vaisakha Krishna) Shashthi h. 6-26 **Nakshatra:** Sravana h. 10-15 **Yoga:** Brahma h. 11-00 **Karana:** vanij h. 6-26 then Vishti h. 19-36 **Moon:** in Makara, enters Kumbha h. 23-43 **Age of Moon:** 20.1 **Declination of Sun:** N 20° 51' **Sidereal Time (noon):** h. 04-07-08s **Equation of time:** 3m 06s

Lagna Vrisha Begins: Chennai h. 29-04 Delhi h. 28-52 Kolkata h. 28-18 Mumbai h. 29-25

Midday Central Station h.11-56-54s Chennai: h.12-05-55s Delhi: h.12-18-02s Kolkata: h.11-33-23s Mumbai: h.12-35-34s

Sun enters Rohini Nakshatra h. 20-26

Sunday, 5 Jyaishtha, (ni) 12 Jyaishtha, 26 May, 20 Ramadan**Kali Ahargana:** 1870164 **Julian Day:** 2458629.5**Sunrise:** h. 5-15 **Sunset:** h. 18-39 **Moonset:** h. 11-33 **Moonrise:** h. 24-45

Tithi: (Vaisakha Krishna) Saptami h. 8-50 **Nakshatra:** Dhanistha h. 13-14 **Yoga:** Indra h. 11-58 **Karana:** Bava h. 8-50 then Balava h. 22-04 **Moon:** in Kumbha **Age of Moon:** 21.1 **Declination of Sun:** N 21° 02' **Sidereal Time (noon):** h. 04-11-10s **Equation of time:** 3m 00s

Lagna Vrisha Begins: Chennai h. 29-01 Delhi h. 28-49 Kolkata h. 28-15 Mumbai h. 29-22

Midday Central Station h.11-57-00s Chennai: h.12-06-01s Delhi: h.12-18-08s Kolkata: h.11-33-29s Mumbai: h.12-35-40s

Rogation Sunday (Christian)**Monday, 6 Jyaishtha, (ni) 13 Jyaishtha, 27 May, 21 Ramadan****Kali Ahargana:** 1870165 **Julian Day:** 2458630.5**Sunrise:** h. 5-15 **Sunset:** h. 18-39 **Moonset:** h. 12-23 **Moonrise:** h. 25-21

Tithi: (Vaisakha Krishna) Ashtami h. 11-16 **Nakshatra:** Satabhisaj h. 16-13 **Yoga:** Vaidhriti h. 12-56 **Karana:** Kaulava h. 11-16 then Taitila h. 24-26 **Moon:** in Kumbha **Age of Moon:** 22.1 **Declination of Sun:** N 21° 12' **Sidereal Time (noon):** h. 04-15-14s **Equation of time:** 2m 54s

Lagna Vrisha Begins: Chennai h. 28-57 Delhi h. 28-45 Kolkata h. 28-11 Mumbai h. 29-18

Midday Central Station h.11-57-06s Chennai: h.12-06-07s Delhi: h.12-18-14s Kolkata: h.11-33-36s Mumbai: h.12-35-47s

Shahadat-e-Hazrat Ali (Moslem)**Tuesday, 7 Jyaishtha, (ni) 14 Jyaishtha, 28 May, 22 Ramadan****Kali Ahargana:** 1870166 **Julian Day:** 2458631.5**Sunrise:** h. 5-15 **Sunset:** h. 18-40 **Moonset:** h. 13-14 **Moonrise:** h. 25-55

Tithi: (Vaisakha Krishna) Navami h. 13-31 **Nakshatra:** Purva Bhadrapada h. 18-58 **Yoga:** Viskumbha h. 13-45 **Karana:** Gara h. 13-31 then vanij h. 26-30 **Moon:** in Kumbha, enters Mina h. 12-19 **Age of Moon:** 23.1 **Declination of Sun:** N 21° 22' **Sidereal Time (noon):** h. 04-19-17s **Equation of time:** 2m 47s

Lagna Vrisha Begins: Chennai h. 28-53 Delhi h. 28-41 Kolkata h. 28-07 Mumbai h. 29-14

Midday Central Station h.11-57-13s Chennai: h.12-06-14s Delhi: h.12-18-22s Kolkata: h.11-33-43s Mumbai: h.12-35-54s

Wednesday, 8 Jyaishtha, (ni) 15 Jyaishtha, 29 May, 23 Ramadan**Kali Ahargana:** 1870167 **Julian Day:** 2458632.5**Sunrise:** h. 5-15 **Sunset:** h. 18-40 **Moonset:** h. 14-04 **Moonrise:** h. 26-28

Tithi: (Vaisakha Krishna) Dasami h. 15-21 **Nakshatra:** Uttara Bhadrapada h. 21-18 **Yoga:** Priti h. 14-15 **Karana:** Vishti h. 15-21 then Bava h. 28-05 **Moon:** in Mina **Age of Moon:** 24.1 **Declination of Sun:** N 21° 32' **Sidereal Time (noon):** h. 04-23-21s **Equation of time:** 2m 39s

Lagna Vrisha Begins: Chennai h. 28-49 Delhi h. 28-37 Kolkata h. 28-03 Mumbai h. 29-10

Midday Central Station h.11-57-21s Chennai: h.12-06-22s Delhi: h.12-18-29s Kolkata: h.11-33-51s Mumbai: h.12-36-01s

Thursday, 9 Jyaishtha, (ni) 16 Jyaishtha, 30 May, 24 Ramadan**Kali Ahargana:** 1870168 **Julian Day:** 2458633.5**Sunrise:** h. 5-14 **Sunset:** h. 18-41 **Moonset:** h. 14-55 **Moonrise:** h. 27-04

Tithi: (Vaisakha Krishna) Ekadasi h. 16-38 **Nakshatra:** Revati h. 23-03 **Yoga:** Ayusman h. 14-20 **Karana:** Balava h. 16-38 then Kaulava h. 29-03 **Moon:** in Mina, enters Mesha h. 23-03 **Age of Moon:** 25.1 **Declination of Sun:** N 21° 41' **Sidereal Time (noon):** h. 04-27-26s **Equation of time:** 2m 31s

Lagna Vrisha Begins: Chennai h. 28-45 Delhi h. 28-33 Kolkata h. 27-59 Mumbai h. 29-06

Midday Central Station h.11-57-29s Chennai: h.12-06-30s Delhi: h.12-18-37s Kolkata: h.11-33-59s Mumbai: h.12-36-09s

Apara Ekadasi, Bhadrakali Ekadasi (Punjab), **Ascension Day - Holy Thursday** (Christian)

Friday, 10 Jyaishtha, (ni) 17 Jyaishtha, 31 May, 25 Ramadan**Kali Ahargana:** 1870169 **Julian Day:** 2458634.5**Sunrise:** h. 5-14 **Sunset:** h. 18-41 **Moonset:** h. 15-48 **Moonrise:** h. 27-41**Tithi:** (Vaisakha Krishna) Dvadasi h. 17-17 **Nakshatra:** Asvini h. 24-12 **Yoga:** Saubhagya h. 13-54 **Karana:** Taitila h. 17-17
Moon: in Mesha **Age of Moon:** 26.1 **Declination of Sun:** N 21° 50' **Sidereal Time (noon):** h. 04-31-31s **Equation of time:** 2m 22s**Lagna** Vrisha Begins: Chennai h. 28-41 Delhi h. 28-29 Kolkata h. 27-55 Mumbai h. 29-02

Midday Central Station h.11-57-38s Chennai: h.12-06-38s Delhi: h.12-18-46s Kolkata: h.11-34-07s Mumbai: h.12-36-18s

Jamat-ul-vida (Moslem)**Saturday, 11 Jyaishtha, (ni) 18 Jyaishtha, 1 June, 26 Ramadan****Kali Ahargana:** 1870170 **Julian Day:** 2458635.5**Sunrise:** h. 5-14 **Sunset:** h. 18-42 **Moonset:** h. 16-43 **Moonrise:** h. 28-21**Tithi:** (Vaisakha Krishna) Trayodasi h. 17-17 **Nakshatra:** Bharani h. 24-42 **Yoga:** Sobhana h. 12-59 **Karana:** Gara h. 5-22, Vanij h. 17-17 then Vishti h. 29-03 **Moon:** in Mesha **Age of Moon:** 27.1 **Declination of Sun:** N 21° 59' **Sidereal Time (noon):** h. 04-35-37s **Equation of time:** 2m 14s**Lagna** Mithuna Begins: Chennai h. 6-44 Delhi h. 6-24 Kolkata h. 5-53 Mumbai h. 7-02

Midday Central Station h.11-57-46s Chennai: h.12-06-47s Delhi: h.12-18-55s Kolkata: h.11-34-16s Mumbai: h.12-36-27s

Savitri Chaturdasi**Sunday, 12 Jyaishtha, (ni) 19 Jyaishtha, 2 June, 27 Ramadan****Kali Ahargana:** 1870171 **Julian Day:** 2458636.5**Sunrise:** h. 5-14 **Sunset:** h. 18-42 **Moonset:** h. 17-41 **Moonrise:** h. 29-05**Tithi:** (Vaisakha Krishna) Chaturdasi h. 16-40 **Nakshatra:** Kritika h. 24-39 **Yoga:** Atiganda h. 11-34 **Karana:** Sakuni h. 16-40 then Chatuspada h. 28-10 **Moon:** in Mesha, enters Vrisha h. 6-45 **Age of Moon:** 28.1 **Declination of Sun:** N 22° 07' **Sidereal Time (noon):** h. 04-39-42s **Equation of time:** 2m 04s**Lagna** Mithuna Begins: Chennai h. 6-40 Delhi h. 6-20 Kolkata h. 5-49 Mumbai h. 6-58

Midday Central Station h.11-57-56s Chennai: h.12-06-57s Delhi: h.12-19-04s Kolkata: h.11-34-25s Mumbai: h.12-36-36s

Phalaharini Kalika Puja, Sab-e-Qadr (Preceding night) (Moslem), **Ascension Sunday** (Christian)**Monday, 13 Jyaishtha, (ni) 20 Jyaishtha, 3 June, 28 Ramadan****Kali Ahargana:** 1870172 **Julian Day:** 2458637.5**Sunrise:** h. 5-14 **Sunset:** h. 18-43 **Moonset:** h. 18-41**Tithi:** (Vaisakha Krishna) Amavasya h. 15-32 **Nakshatra:** Rohini h. 24-05 **Yoga:** Sukarma h. 9-43 **Karana:** Naga h. 15-32 then Kinstughna h. 26-48 **Moon:** in Vrisha **Age of Moon:** 29.1 **Declination of Sun:** N 22° 15' **Sidereal Time (noon):** h. 04-43-49s **Equation of time:** 1m 54s**Lagna** Mithuna Begins: Chennai h. 6-36 Delhi h. 6-16 Kolkata h. 5-45 Mumbai h. 6-54

Midday Central Station h.11-58-06s Chennai: h.12-07-06s Delhi: h.12-19-14s Kolkata: h.11-34-35s Mumbai: h.12-36-46s

Vata Savitri Vrata (Amavasya paksha)**Tuesday, 14 Jyaishtha, (ni) 21 Jyaishtha, 4 June, 29 Ramadan****Kali Ahargana:** 1870173 **Julian Day:** 2458638.5**Sunrise:** h. 5-14 **Sunset:** h. 18-43 **Moonrise:** h. 5-55 **Moonset:** h. 19-43**Tithi:** (Jyaishtha Sukla) Pratipad h. 13-58 **Nakshatra:** Mrigasiras h. 23-08 **Yoga:** Dhriti h. 7-29 then Sula h. 28-58 **Karana:** Bava h. 13-58 then Balava h. 25-03 **Moon:** in Vrisha, enters Mithuna h. 11-39 **Age of Moon:** 0.6 **Declination of Sun:** N 22° 22' **Sidereal Time (noon):** h. 04-47-55s **Equation of time:** 1m 44s**Lagna** Mithuna Begins: Chennai h. 6-32 Delhi h. 6-12 Kolkata h. 5-41 Mumbai h. 6-50

Midday Central Station h.11-58-16s Chennai: h.12-07-17s Delhi: h.12-19-24s Kolkata: h.11-34-45s Mumbai: h.12-36-56s

Wednesday, 15 Jyaishtha, (ni) 22 Jyaishtha, 5 June, 1 Shawwal**Kali Ahargana:** 1870174 **Julian Day:** 2458639.5**Sunrise:** h. 5-14 **Sunset:** h. 18-43 **Moonrise:** h. 6-50 **Moonset:** h. 20-43**Tithi:** (Jyaishtha Sukla) Dvitiya h. 12-04 **Nakshatra:** Ardra h. 21-54 **Yoga:** Ganda h. 26-14 **Karana:** Kaulava h. 12-04 then Taitila h. 23-01 **Moon:** in Mithuna **Age of Moon:** 1.6 **Declination of Sun:** N 22° 29' **Sidereal Time (noon):** h. 04-52-02s **Equation of time:** 1m 34s**Lagna** Mithuna Begins: Chennai h. 6-28 Delhi h. 6-08 Kolkata h. 5-37 Mumbai h. 6-46

Midday Central Station h.11-58-26s Chennai: h.12-07-27s Delhi: h.12-19-34s Kolkata: h.11-34-56s Mumbai: h.12-37-06s

Sayana Vyatipata h. 23-42

Rambha Tritiya, Id-ul-Fitr (Moslem)**Thursday, 16 Jyaishtha, (ni) 23 Jyaishtha, 6 June, 2 Shawwal****Kali Ahargana:** 1870175 **Julian Day:** 2458640.5**Sunrise:** h. 5-14 **Sunset:** h. 18-44 **Moonrise:** h. 7-50 **Moonset:** h. 21-41**Tithi:** (Jyaishtha Sukla) Tritiya h. 9-55 **Nakshatra:** Punarvasu h. 20-28 **Yoga:** Vriddhi h. 23-21 **Karana:** Gara h. 9-55 then Vanij h. 20-47 **Moon:** in Mithuna, enters Karkata h. 14-51 **Age of Moon:** 2.6 **Declination of Sun:** N 22° 36' **Sidereal Time (noon):** h. 04-56-10s **Equation of time:** 1m 23s**Lagna** Mithuna Begins: Chennai h. 6-24 Delhi h. 6-04 Kolkata h. 5-33 Mumbai h. 6-42

Midday Central Station h.11-58-37s Chennai: h.12-07-38s Delhi: h.12-19-45s Kolkata: h.11-35-06s Mumbai: h.12-37-17s

Pratap Jayanti (Rajasthan)**Friday, 17 Jyaishtha, (ni) 24 Jyaishtha, 7 June, 3 Shawwal****Kali Ahargana:** 1870176 **Julian Day:** 2458641.5**Sunrise:** h. 5-14 **Sunset:** h. 18-44 **Moonrise:** h. 8-53 **Moonset:** h. 22-34**Tithi:** (Jyaishtha Sukla) Chaturthi h. 7-38 **Nakshatra:** Pushya h. 18-56 **Yoga:** Dhruva h. 20-24 **Karana:** Vishti h. 7-38 then Bava h. 18-28 **Moon:** in Karkata **Age of Moon:** 3.6 **Declination of Sun:** N 22° 42' **Sidereal Time (noon):** h. 05-00-17s **Equation of time:** 1m 12s**Lagna** Mithuna Begins: Chennai h. 6-20 Delhi h. 6-00 Kolkata h. 5-29 Mumbai h. 6-38

Midday Central Station h.11-58-48s Chennai: h.12-07-49s Delhi: h.12-19-56s Kolkata: h.11-35-17s Mumbai: h.12-37-28s

Guru Arjan Dev's Martyrdom Day (Sikh)**Saturday, 18 Jyaishtha, (ni) 25 Jyaishtha, 8 June, 4 Shawwal****Kali Ahargana:** 1870177 **Julian Day:** 2458642.5**Sunrise:** h. 5-14 **Sunset:** h. 18-45 **Moonrise:** h. 9-57 **Moonset:** h. 23-24**Tithi:** (Jyaishtha Sukla) Panchami h. 5-17 then Shashthi h. 26-55 **Nakshatra:** Aslesha h. 17-22 **Yoga:** Vyaghata h. 17-25 **Karana:** Balava h. 5-17, Kaulava h. 16-06 then Taitila h. 26-55 **Moon:** in Karkata, enters Simha h. 17-22 **Age of Moon:** 4.6 **Declination of Sun:** N 22° 48' **Sidereal Time (noon):** h. 05-04-25s **Equation of time:** 1m 01s**Lagna** Mithuna Begins: Chennai h. 6-16 Delhi h. 5-56 Kolkata h. 5-25 Mumbai h. 6-34

Midday Central Station h.11-58-59s Chennai: h.12-08-00s Delhi: h.12-20-07s Kolkata: h.11-35-29s Mumbai: h.12-37-39s

Sun enters Mrigasiras Nakshatra h. 18-13

Vindhyavasini Puja, Aranya Shashthi (Bengal), Jamatri Shashthi (Bengal)**Sunday, 19 Jyaishtha, (ni) 26 Jyaishtha, 9 June, 5 Shawwal****Kali Ahargana:** 1870178 **Julian Day:** 2458643.5**Sunrise:** h. 5-14 **Sunset:** h. 18-45 **Moonrise:** h. 11-00 **Moonset:** h. 24-08**Tithi:** (Jyaishtha Sukla) Saptami h. 24-37 **Nakshatra:** Magha h. 15-49 **Yoga:** Harshana h. 14-27 **Karana:** Gara h. 13-45 then vanij h. 24-37 **Moon:** in Simha **Age of Moon:** 5.6 **Declination of Sun:** N 22° 53' **Sidereal Time (noon):** h. 05-08-33s **Equation of time:** 0m 49s**Lagna** Mithuna Begins: Chennai h. 6-13 Delhi h. 5-53 Kolkata h. 5-22 Mumbai h. 6-31

Midday Central Station h.11-59-11s Chennai: h.12-08-12s Delhi: h.12-20-19s Kolkata: h.11-35-40s Mumbai: h.12-37-51s

Feast of Weeks (Shebuoth)- Jewish, Whit Sunday - Pentecost (Christian)

Monday, 20 Jyaishtha, (ni) 27 Jyaishtha, 10 June, 6 Shawwal**Kali Ahargana:** 1870179 **Julian Day:** 2458644.5**Sunrise:** h. 5-14 **Sunset:** h. 18-45 **Moonrise:** h. 12-01 **Moonset:** h. 24-50**Tithi:** (Jyaishtha Siukla) Ashtami h. 22-24 **Nakshatra:** Purva Phalguni h. 14-21 **Yoga:** Vajra h. 11-34 **Karana:** Vishti h. 11-29 then Bava h. 22-24 **Moon:** in Simha, enters Kanya h. 20-00 **Age of Moon:** 6.6 **Declination of Sun:** N 22° 58' **Sidereal Time (noon):** h. 05-12-42s **Equation of time:** 0m 37s**Lagna** Mithuna Begins: Chennai h. 6-09 Delhi h. 5-49 Kolkata h. 5-18 Mumbai h. 6-27

Midday Central Station h.11-59-23s Chennai: h.12-08-23s Delhi: h.12-20-31s Kolkata: h.11-35-52s Mumbai: h.12-38-03s

Mela Kshir Bhawani (Kashmir)**Tuesday, 21 Jyaishtha, (ni) 28 Jyaishtha, 11 June, 7 Shawwal****Kali Ahargana:** 1870180 **Julian Day:** 2458645.5**Sunrise:** h. 5-14 **Sunset:** h. 18-46 **Moonrise:** h. 13-01 **Moonset:** h. 25-31**Tithi:** (Jyaishtha Sukla) Navami h. 20-20 **Nakshatra:** Uttara Phalguni h. 13-01 **Yoga:** Siddhi (Asrik) h. 8-46 **Karana:** Balava h. 9-21 then Kaulava h. 20-20 **Moon:** in Kanya **Age of Moon:** 7.6 **Declination of Sun:** N 23° 03' **Sidereal Time (noon):** h. 05-16-50s **Equation of time:** 0m 25s**Lagna** Mithuna Begins: Chennai h. 6-05 Delhi h. 5-45 Kolkata h. 5-14 Mumbai h. 6-23

Midday Central Station h.11-59-35s Chennai: h.12-08-35s Delhi: h.12-20-43s Kolkata: h.11-36-04s Mumbai: h.12-38-15s

Wednesday, 22 Jyaishtha, (ni) 29 Jyaishtha, 12 June, 8 Shawwal**Kali Ahargana:** 1870181 **Julian Day:** 2458646.5**Sunrise:** h. 5-14 **Sunset:** h. 18-46 **Moonrise:** h. 14-00 **Moonset:** h. 26-10**Tithi:** (Jyaishtha Sukla) Dasami h. 18-27 **Nakshatra:** Hasta h. 11-51 **Yoga:** Vyatipata h. 6-06 then Variyan h. 27-37 **Karana:** Taitila h. 7-22 then Gara h. 18-27 **Moon:** in Kanya, enters Tula h. 23-21 **Age of Moon:** 8.6 **Declination of Sun:** N 23° 07' **Sidereal Time (noon):** h. 05-20-59s **Equation of time:** 0m 13s**Lagna** Mithuna Begins: Chennai h. 6-01 Delhi h. 5-41 Kolkata h. 5-10 Mumbai h. 6-19

Midday Central Station h.11-59-47s Chennai: h.12-08-48s Delhi: h.12-20-55s Kolkata: h.11-36-16s Mumbai: h.12-38-27s

Ganga Dasahara**Thursday, 23 Jyaishtha, (ni) 30 Jyaishtha, 13 June, 9 Shawwal****Kali Ahargana:** 1870182 **Julian Day:** 2458647.5**Sunrise:** h. 5-14 **Sunset:** h. 18-46 **Moonrise:** h. 14-59 **Moonset:** h. 26-50**Tithi:** (Jyaishtha Sukla) Ekadasi h. 16-50 **Nakshatra:** Chitra h. 10-55 **Yoga:** Parigha h. 25-22 **Karana:** vanij h. 5-36, Vishti h. 16-50 then Bava h. 28-07 **Moon:** in Tula **Age of Moon:** 9.6 **Declination of Sun:** N 23° 11' **Sidereal Time (noon):** h. 05-25-08s **Equation of time:** 0m 01s**Lagna** Mithuna Begins: Chennai h. 5-57 Delhi h. 5-37 Kolkata h. 5-06 Mumbai h. 6-15

Midday Central Station h.11-59-59s Chennai: h.12-09-00s Delhi: h.12-21-07s Kolkata: h.11-36-29s Mumbai: h.12-38-39s

Nirjala Ekadasi**Friday, 24 Jyaishtha, (ni) 31 Jyaishtha, 14 June, 10 Shawwal****Kali Ahargana:** 1870183 **Julian Day:** 2458648.5**Sunrise:** h. 5-14 **Sunset:** h. 18-47 **Moonrise:** h. 15-58 **Moonset:** h. 27-33**Tithi:** (Jyaishtha Sukla) Dvadasi h. 15-30 **Nakshatra:** Svati h. 10-16 **Yoga:** Siva h. 23-22 **Karana:** Balava h. 15-30 then Kaulava h. 26-59 **Moon:** in Tula, enters Vrischika h. 28-01 **Age of Moon:** 10.6 **Declination of Sun:** N 23° 14' **Sidereal Time (noon):** h. 05-29-17s **Equation of time:** -0m 12s**Lagna** Mithuna Begins: Chennai h. 5-53 Delhi h. 5-33 Kolkata h. 5-02 Mumbai h. 6-11

Midday Central Station h.12-00-12s Chennai: h.12-09-13s Delhi: h.12-21-20s Kolkata: h.11-36-41s Mumbai: h.12-38-52s

Saura Ashadhadi h. 19-40

Chompaka Dvadasi

Saturday, 25 Jyaishtha, (ni) 1 Ashadha, 15 June, 11 Shawwal**Kali Ahargana:** 1870184 **Julian Day:** 2458649.5**Sunrise:** h. 5-14 **Sunset:** h. 18-47 **Moonrise:** h. 16-56 **Moonset:** h. 28-17**Tithi:** (Jyaishtha Sukla) Trayodasi h. 14-33 **Nakshatra:** Visakha h. 9-59 **Yoga:** Siddha h. 21-42 **Karana:** Taitila h. 14-33 then Gara h. 26-14 **Moon:** in Vrischika **Age of Moon:** 11.6 **Declination of Sun:** N 23° 17' **Sidereal Time (noon):** h. 05-33-27s **Equation of time:** -0m 24s**Lagna** Mithuna Begins: Chennai h. 5-49 Delhi h. 5-29 Kolkata h. 4-58 Mumbai h. 6-07

Midday Central Station h.12-00-24s Chennai: h.12-09-25s Delhi: h.12-21-32s Kolkata: h.11-36-54s Mumbai: h.12-39-05s

Sun enters Nirayana Mithuna Rasi h. 17-38

Rajas Samkranti (Odisha)**Sunday, 26 Jyaishtha, (ni) 2 Ashadha, 16 June, 12 Shawwal****Kali Ahargana:** 1870185 **Julian Day:** 2458650.5**Sunrise:** h. 5-14 **Sunset:** h. 18-47 **Moonrise:** h. 17-55 **Moonset:** h. 29-04**Tithi:** (Jyaishtha Sukla) Chaturdasi h. 14-02 **Nakshatra:** Anuradha h. 10-07 **Yoga:** Sadhya h. 20-23 **Karana:** vanij h. 14-02 then Vishti h. 25-58 **Moon:** in Vrischika **Age of Moon:** 12.6 **Declination of Sun:** N 23° 20' **Sidereal Time (noon):** h. 05-37-36s **Equation of time:** -0m 37s**Lagna** Mithuna Begins: Chennai h. 5-45 / 29-41 Delhi h. 5-25 / 29-21 Kolkata h. 4-54 / 28-50 Mumbai h. 6-03 / 29-59

Midday Central Station h.12-00-37s Chennai: h.12-09-38s Delhi: h.12-21-45s Kolkata: h.11-37-06s Mumbai: h.12-39-17s

Vata Savitri Vrata (Purnima Paksha), **Trinity Sunday** (Christian)**Monday, 27 Jyaishtha, (ni) 3 Ashadha, 17 June, 13 Shawwal****Kali Ahargana:** 1870186 **Julian Day:** 2458651.5**Sunrise:** h. 5-14 **Sunset:** h. 18-47 **Moonrise:** h. 18-51**Tithi:** (Jyaishtha Sukla) Purnima h. 14-01 **Nakshatra:** Jyestha h. 10-43 **Yoga:** Subha h. 19-29 **Karana:** Bava h. 14-01 then Balava h. 26-12 **Moon:** in Vrischika, enters Dhanus h. 10-43 **Age of Moon:** 13.6 **Declination of Sun:** N 23° 22' **Sidereal Time (noon):** h. 05-41-45s **Equation of time:** -0m 50s**Lagna** Mithuna Begins: Chennai h. 29-37 Delhi h. 29-17 Kolkata h. 28-46 Mumbai h. 29-55

Midday Central Station h.12-00-50s Chennai: h.12-09-51s Delhi: h.12-21-58s Kolkata: h.11-37-19s Mumbai: h.12-39-30s

Sayana Vaidhriti h. 28-25

Deva Snana Purnima**Tuesday, 28 Jyaishtha, (ni) 4 Ashadha, 18 June, 14 Shawwal****Kali Ahargana:** 1870187 **Julian Day:** 2458652.5**Sunrise:** h. 5-15 **Sunset:** h. 18-48 **Moonset:** h. 5-54 **Moonrise:** h. 19-46**Tithi:** (Jyaishtha Krishna) Pratipad h. 14-31 **Nakshatra:** Mula h. 11-50 **Yoga:** Sukla (Sukra) h. 19-00 **Karana:** Kaulava h. 14-31 then Taitila h. 26-59 **Moon:** in Dhanus **Age of Moon:** 14.6 **Declination of Sun:** N 23° 23' **Sidereal Time (noon):** h. 05-45-55s **Equation of time:** -1m 03s**Lagna** Mithuna Begins: Chennai h. 29-33 Delhi h. 29-13 Kolkata h. 28-42 Mumbai h. 29-51

Midday Central Station h.12-01-03s Chennai: h.12-10-04s Delhi: h.12-22-11s Kolkata: h.11-37-32s Mumbai: h.12-39-43s

Guru Hargobind's Birthday (according to tithi) (Jammu & Kashmir)**Wednesday, 29 Jyaishtha, (ni) 5 Ashadha, 19 June, 15 Shawwal****Kali Ahargana:** 1870188 **Julian Day:** 2458653.5**Sunrise:** h. 5-15 **Sunset:** h. 18-48 **Moonset:** h. 6-46 **Moonrise:** h. 20-36**Tithi:** (Jyaishtha Krishna) Dvitiya h. 15-34 **Nakshatra:** Purvasadha h. 13-30 **Yoga:** Brahma h. 18-56 **Karana:** Gara h. 15-34 then vanij h. 28-18 **Moon:** in Dhanus, enters Makara h. 19-59 **Age of Moon:** 15.6 **Declination of Sun:** N 23° 25' **Sidereal Time (noon):** h. 05-50-04s **Equation of time:** -1m 16s**Lagna** Mithuna Begins: Chennai h. 29-29 Delhi h. 29-09 Kolkata h. 28-38 Mumbai h. 29-47

Midday Central Station h.12-01-16s Chennai: h.12-10-17s Delhi: h.12-22-24s Kolkata: h.11-37-45s Mumbai: h.12-39-56s

Thursday, 30 Jyaishtha, (ni) 6 Ashadha, 20 June, 16 Shawwal

Kali Ahargana: 1870189 **Julian Day:** 2458654.5

Sunrise: h. 5-15 **Sunset:** h. 18-48 **Moonset:** h. 7-39 **Moonrise:** h. 21-22

Tithi: (Jyaishtha Krishna) Tritiya h. 17-09 **Nakshatra:** Uttarasadha h. 15-39 **Yoga:** Indra h. 19-17 **Karana:** Vishti h. 17-09
Moon: in Makara **Age of Moon:** 16.6 **Declination of Sun:** N 23° 26' **Sidereal Time (noon):** h. 05-54-14s **Equation of time:**
 -1m 29s

Lagna Mithuna Begins: Chennai h. 29-25 Delhi h. 29-05 Kolkata h. 28-34 Mumbai h. 29-43

Midday Central Station h.12-01-29s Chennai: h.12-10-30s Delhi: h.12-22-37s Kolkata: h.11-37-58s Mumbai: h.12-40-09s

Corpus Christi (Thursday) - **Christian**

Friday, 31 Jyaishtha, (ni) 7 Ashadha, 21 June, 17 Shawwal

Kali Ahargana: 1870190 **Julian Day:** 2458655.5

Sunrise: h. 5-15 **Sunset:** h. 18-48 **Moonset:** h. 8-32 **Moonrise:** h. 22-04

Tithi: (Jyaishtha Krishna) Chaturthi h. 19-09 **Nakshatra:** Sravana h. 18-14 **Yoga:** Vaidhriti h. 19-57 **Karana:** Bava h. 6-06 then
 Balava h. 19-09 **Moon:** in Makara **Age of Moon:** 17.6 **Declination of Sun:** N 23° 26' **Sidereal Time (noon):** h. 05-58-24s
Equation of time: -1m 42s

Lagna Mithuna Begins: Chennai h. 29-21 Delhi h. 29-01 Kolkata h. 28-30 Mumbai h. 29-39

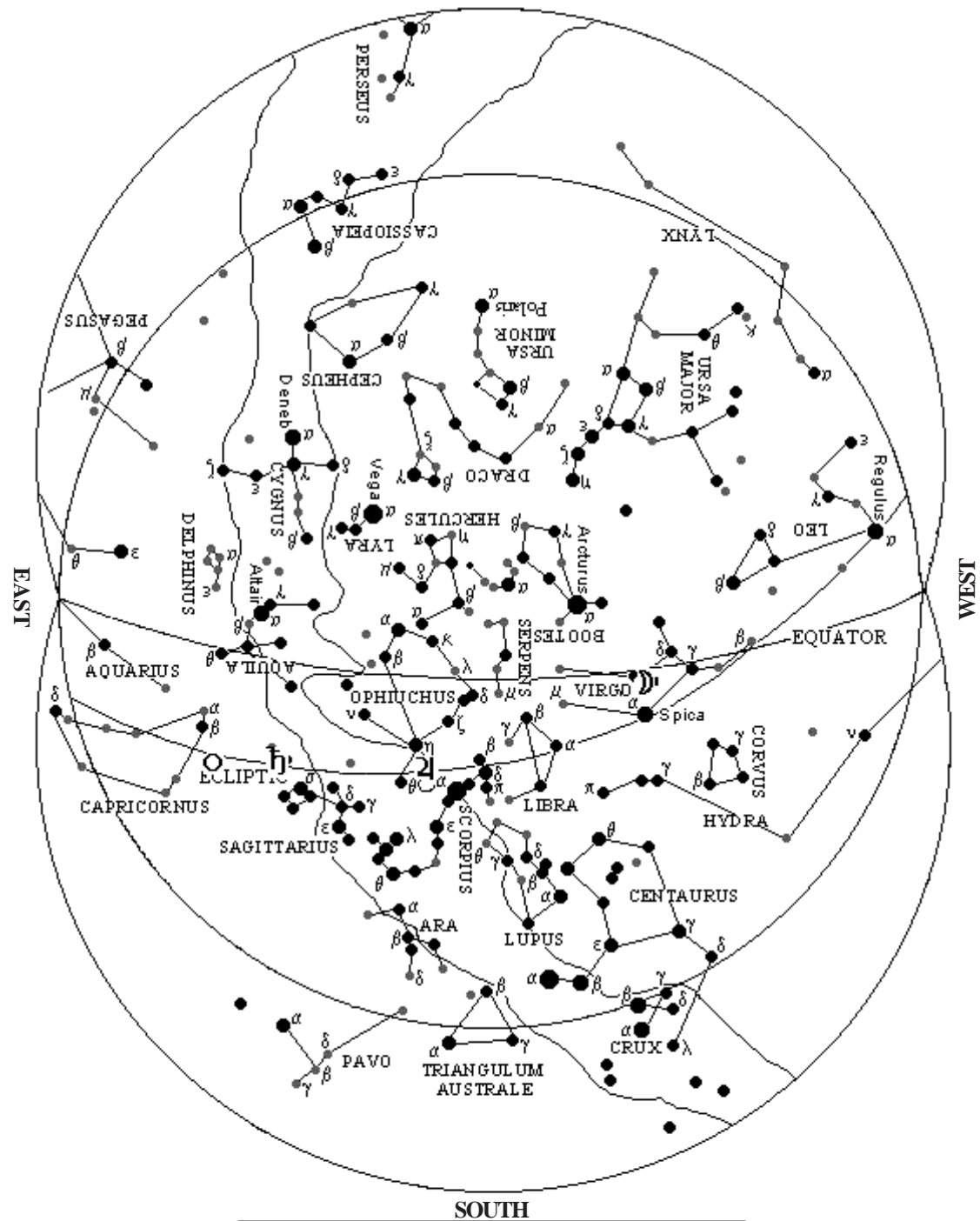
Midday Central Station h.12-01-42s Chennai: h.12-10-43s Delhi: h.12-22-50s Kolkata: h.11-38-11s Mumbai: h.12-40-22s

Sun enters Tropical Cancer h. 21-24

Dakshinayana Day

STAR CHART FOR THE MONTH OF JULY, 2019 (10 ASHADHA - 9 SRAVANA) 0° TO 40°N

H110N



SOUTH

Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 16TH ♃ JUPITER
 ☾ FIRST QUARTER 9TH ♄ SATURN

Month of ASHADHA : 31 days :: Vedic Month : Nabhas (Karkata)

Nirayana months: 8 Ashadha, 5120 Kali to 7 Sravana, 5120 Kali :: 24 and 7 days

Varsa Ritu : 1st Month :: Dakshinayana : Uttara Gola

Sun in Mithuna, enters Karkata on 25th :: Ayanamsa on 1st Ashadha : 24° 07' 29"

Kali Ahargana : 1870191 - 1870221, *Julian Day* : 2458656.5 - 2458686.5

(Nirayana) Sravana begins on 25 Ashadha, 16 July, 2019

Saturday, 1 Ashadha, (ni) 8 Ashadha, 22 June, 18 Shawwal

Kali Ahargana: 1870191 **Julian Day:** 2458656.5

Sunrise: h. 5-15 **Sunset:** h. 18-49 **Moonset:** h. 9-24 **Moonrise:** h. 22-43

Tithi: (Jyaishtha Krishna) Panchami h. 21-27 **Nakshatra:** Dhanistha h. 21-07 **Yoga:** Viskumbha h. 20-50 **Karana:** Kaulava h. 8-17 then Taitila h. 21-27 **Moon:** in Makara, enters Kumbha h. 7-39 **Age of Moon:** 18.6 **Declination of Sun:** N 23° 26' **Sidereal Time (noon):** h. 06-02-33s **Equation of time:** -1m 55s

Lagna Mithuna Begins: Chennai h. 29-17 Delhi h. 28-57 Kolkata h. 28-26 Mumbai h. 29-35

Midday Central Station h.12-01-55s Chennai: h.12-10-56s Delhi: h.12-23-03s Kolkata: h.11-38-24s Mumbai: h.12-40-35s

Sun enters Ardra Nakshatra h. 17-19

Sunday, 2 Ashadha, (ni) 9 Ashadha, 23 June, 19 Shawwal

Kali Ahargana: 1870192 **Julian Day:** 2458657.5

Sunrise: h. 5-16 **Sunset:** h. 18-49 **Moonset:** h. 10-15 **Moonrise:** h. 23-19

Tithi: (Jyaishtha Krishna) Shashthi h. 23-53 **Nakshatra:** Satabhisaj h. 24-07 **Yoga:** Priti h. 21-50 **Karana:** Gara h. 10-40 then vanij h. 23-53 **Moon:** in Kumbha **Age of Moon:** 19.6 **Declination of Sun:** N 23° 26' **Sidereal Time (noon):** h. 06-06-43s **Equation of time:** -2m 08s

Lagna Mithuna Begins: Chennai h. 29-14 Delhi h. 28-54 Kolkata h. 28-23 Mumbai h. 29-32

Midday Central Station h.12-02-08s Chennai: h.12-11-09s Delhi: h.12-23-16s Kolkata: h.11-38-37s Mumbai: h.12-40-48s

Monday, 3 Ashadha, (ni) 10 Ashadha, 24 June, 20 Shawwal

Kali Ahargana: 1870193 **Julian Day:** 2458658.5

Sunrise: h. 5-16 **Sunset:** h. 18-49 **Moonset:** h. 11-05 **Moonrise:** h. 23-54

Tithi: (Jyaishtha Krishna) Saptami h. 26-13 **Nakshatra:** Purva Bhadrapada h. 27-02 **Yoga:** Ayusman h. 22-45 **Karana:** Vishti h. 13-05 then Bava h. 26-13 **Moon:** in Kumbha, enters Mina h. 20-19 **Age of Moon:** 20.6 **Declination of Sun:** N 23° 25' **Sidereal Time (noon):** h. 06-10-52s **Equation of time:** -2m 21s

Lagna Mithuna Begins: Chennai h. 29-10 Delhi h. 28-50 Kolkata h. 28-19 Mumbai h. 29-28

Midday Central Station h.12-02-21s Chennai: h.12-11-21s Delhi: h.12-23-29s Kolkata: h.11-38-50s Mumbai: h.12-41-01s

Tuesday, 4 Ashadha, (ni) 11 Ashadha, 25 June, 21 Shawwal

Kali Ahargana: 1870194 **Julian Day:** 2458659.5

Sunrise: h. 5-16 **Sunset:** h. 18-49 **Moonset:** h. 11-55 **Moonrise:** h. 24-27

Tithi: (Jyaishtha Krishna) Ashtami h. 28-14 **Nakshatra:** Uttara Bhadrapada ahoratra **Yoga:** Saubhagya h. 23-28 **Karana:** Balava h. 15-16 then Kaulava h. 28-14 **Moon:** in Mina **Age of Moon:** 21.6 **Declination of Sun:** N 23° 24' **Sidereal Time (noon):** h. 06-15-02s **Equation of time:** -2m 33s

Lagna Mithuna Begins: Chennai h. 29-06 Delhi h. 28-46 Kolkata h. 28-15 Mumbai h. 29-24

Midday Central Station h.12-02-33s Chennai: h.12-11-34s Delhi: h.12-23-42s Kolkata: h.11-39-03s Mumbai: h.12-41-14s

Wednesday, 5 Ashadha, (ni) 12 Ashadha, 26 June, 22 Shawwal**Kali Ahargana:** 1870195 **Julian Day:** 2458660.5**Sunrise:** h. 5-16 **Sunset:** h. 18-49 **Moonset:** h. 12-45 **Moonrise:** h. 25-01**Tithi:** (Jyaishtha Krishna) Navami ahoratra **Nakshatra:** Uttara Bhadrpadā h. 5-37 **Yoga:** Sobhana h. 23-49 **Karana:** Taitila h. 17-03 **Moon:** in Mina **Age of Moon:** 22.6 **Declination of Sun:** N 23° 22' **Sidereal Time (noon):** h. 06-19-11s **Equation of time:** -2m 46s**Lagna** Mithuna Begins: Chennai h. 29-02 Delhi h. 28-42 Kolkata h. 28-11 Mumbai h. 29-20

Midday Central Station h.12-02-46s Chennai: h.12-11-47s Delhi: h.12-23-54s Kolkata: h.11-39-16s Mumbai: h.12-41-26s

Thursday, 6 Ashadha, (ni) 13 Ashadha, 27 June, 23 Shawwal**Kali Ahargana:** 1870196 **Julian Day:** 2458661.5**Sunrise:** h. 5-17 **Sunset:** h. 18-49 **Moonset:** h. 13-37 **Moonrise:** h. 25-37**Tithi:** (Jyaishtha Krishna) Navami h. 5-44 **Nakshatra:** Revati h. 7-43 **Yoga:** Atiganda h. 23-41 **Karana:** Gara h. 5-44 then vanij h. 18-16 **Moon:** in Mina, enters Mesha h. 7-43 **Age of Moon:** 23.6 **Declination of Sun:** N 23° 20' **Sidereal Time (noon):** h. 06-23-20s **Equation of time:** -2m 59s**Lagna** Mithuna Begins: Chennai h. 28-58 Delhi h. 28-38 Kolkata h. 28-07 Mumbai h. 29-16

Midday Central Station h.12-02-59s Chennai: h.12-12-00s Delhi: h.12-24-07s Kolkata: h.11-39-28s Mumbai: h.12-41-39s

Friday, 7 Ashadha, (ni) 14 Ashadha, 28 June, 24 Shawwal**Kali Ahargana:** 1870197 **Julian Day:** 2458662.5**Sunrise:** h. 5-17 **Sunset:** h. 18-50 **Moonset:** h. 14-30 **Moonrise:** h. 26-14**Tithi:** (Jyaishtha Krishna) Dasami h. 6-37 **Nakshatra:** Asvini h. 9-12 **Yoga:** Sukarma h. 23-00 **Karana:** Vishti h. 6-37 then Bava h. 18-47 **Moon:** in Mesha **Age of Moon:** 24.6 **Declination of Sun:** N 23° 18' **Sidereal Time (noon):** h. 06-27-29s **Equation of time:** -3m 11s**Lagna** Mithuna Begins: Chennai h. 28-54 Delhi h. 28-34 Kolkata h. 28-03 Mumbai h. 29-12

Midday Central Station h.12-03-11s Chennai: h.12-12-12s Delhi: h.12-24-19s Kolkata: h.11-39-41s Mumbai: h.12-41-51s

Saturday, 8 Ashadha, (ni) 15 Ashadha, 29 June, 25 Shawwal**Kali Ahargana:** 1870198 **Julian Day:** 2458663.5**Sunrise:** h. 5-17 **Sunset:** h. 18-50 **Moonset:** h. 15-26 **Moonrise:** h. 26-56**Tithi:** (Jyaishtha Krishna) Ekadasi h. 6-46 **Nakshatra:** Bharani h. 9-58 **Yoga:** Dhriti h. 21-44 **Karana:** Balava h. 6-46 then Kaulava h. 18-34 **Moon:** in Mesha, enters Vrisha h. 16-02 **Age of Moon:** 25.6 **Declination of Sun:** N 23° 15' **Sidereal Time (noon):** h. 06-31-38s **Equation of time:** -3m 23s**Lagna** Mithuna Begins: Chennai h. 28-50 Delhi h. 28-30 Kolkata h. 27-59 Mumbai h. 29-08

Midday Central Station h.12-03-23s Chennai: h.12-12-24s Delhi: h.12-24-32s Kolkata: h.11-39-53s Mumbai: h.12-42-04s

Yogini Ekadasi**Sunday, 9 Ashadha, (ni) 16 Ashadha, 30 June, 26 Shawwal****Kali Ahargana:** 1870199 **Julian Day:** 2458664.5**Sunrise:** h. 5-18 **Sunset:** h. 18-50 **Moonset:** h. 16-25 **Moonrise:** h. 27-44**Tithi:** (Jyaishtha Krishna) Dvadasi h. 6-12 then Trayodasi h. 28-57 **Nakshatra:** Kritika h. 10-01 **Yoga:** Sula h. 19-55 **Karana:** Taitila h. 6-12, Gara h. 17-39 then vanij h. 28-57 **Moon:** in Vrisha **Age of Moon:** 26.6 **Declination of Sun:** N 23° 12' **Sidereal Time (noon):** h. 06-35-47s **Equation of time:** -3m 36s**Lagna** Mithuna Begins: Chennai h. 28-46 Delhi h. 28-26 Kolkata h. 27-55 Mumbai h. 29-04

Midday Central Station h.12-03-36s Chennai: h.12-12-36s Delhi: h.12-24-44s Kolkata: h.11-40-05s Mumbai: h.12-42-16s

Monday, 10 Ashadha, (ni) 17 Ashadha, 1 July, 27 Shawwal

Kali Ahargana: 1870200 **Julian Day:** 2458665.5

Sunrise: h. 5-18 **Sunset:** h. 18-50 **Moonset:** h. 17-26 **Moonrise:** h. 28-36

Tithi: (Jyaishtha Krishna) Chaturdasi h. 27-06 **Nakshatra:** Rohini h. 9-25 **Yoga:** Ganda h. 17-35 **Karana:** Vishti h. 16-05 then Sakuni h. 27-06 **Moon:** in Vrisha, enters Mithuna h. 20-53 **Age of Moon:** 27.6 **Declination of Sun:** N 23° 08' **Sidereal Time (noon):** h. 06-39-55s **Equation of time:** -3m 47s

Lagna Mithuna Begins: Chennai h. 28-42 Delhi h. 28-22 Kolkata h. 27-51 Mumbai h. 29-00

Midday Central Station h.12-03-47s Chennai: h.12-12-48s Delhi: h.12-24-56s Kolkata: h.11-40-17s Mumbai: h.12-42-28s

Sayana Vyatipata h. 14-59

Tuesday, 11 Ashadha, (ni) 18 Ashadha, 2 July, 28 Shawwal

Kali Ahargana: 1870201 **Julian Day:** 2458666.5

Sunrise: h. 5-18 **Sunset:** h. 18-50 **Moonset:** h. 18-28

Tithi: (Jyaishtha Krishna) Amavasya h. 24-46 **Nakshatra:** Mrigasiras h. 8-14 **Yoga:** Vriddhi h. 14-49 **Karana:** Chatuspada h. 13-59 then Naga h. 24-46 **Moon:** in Mithuna **Age of Moon:** 28.6 ● **Declination of Sun:** N 23° 04' **Sidereal Time (noon):** h. 06-44-03s **Equation of time:** -3m 59s

Lagna Karkata Begins: Chennai h. 6-54 Delhi h. 6-37 Kolkata h. 6-05 Mumbai h. 7-13

Midday Central Station h.12-03-59s Chennai: h.12-13-00s Delhi: h.12-25-07s Kolkata: h.11-40-29s Mumbai: h.12-42-39s

Total Solar Eclipse (Not visible in India)

Total Eclipse of the Sun, 11 Ashadha 1941 SE, (ni) 18 Ashadha 5120 KE, 2 July 2019 Tuesday

The eclipse will not be visible in India.

Area of Visibility : The eclipse is visible in the region covering South America, South Central America and the south Pacific Ocean.

General Circumstances

	I.S.T.
	h m
Eclipse begins	22 25
Totality begins	23 32
Greatest eclipse*	24 53
Totality ends	26 14
Eclipse Ends	27 21

*Magnitude of the eclipse = 1.0456

Maximum Duration of total phase = 4min 38s

Wednesday, 12 Ashadha, (ni) 19 Ashadha, 3 July, 29 Shawwal

Kali Ahargana: 1870202 **Julian Day:** 2458667.5

Sunrise: h. 5-19 **Sunset:** h. 18-50 **Moonrise:** h. 5-36 **Moonset:** h. 19-29

Tithi: (Ashadha Sukla) Pratipad h. 22-05 **Nakshatra:** Ardra h. 6-36 then Punarvasu h. 28-39 **Yoga:** Dhruva h. 11-42 **Karana:** Kinstughna h. 11-28 then Bava h. 22-05 **Moon:** in Mithuna, enters Karkata h. 23-09 **Age of Moon:** 0.2 **Declination of Sun:** N 23° 00' **Sidereal Time (noon):** h. 06-48-11s **Equation of time:** -4m 10s

Lagna Karkata Begins: Chennai h. 6-50 Delhi h. 6-33 Kolkata h. 6-01 Mumbai h. 7-09

Midday Central Station h.12-04-10s Chennai: h.12-13-11s Delhi: h.12-25-19s Kolkata: h.11-40-40s Mumbai: h.12-42-51s

Thursday, 13 Ashadha, (ni) 20 Ashadha, 4 July, 30 Shawwal**Kali Ahargana:** 1870203 **Julian Day:** 2458668.5**Sunrise:** h. 5-19 **Sunset:** h. 18-50 **Moonrise:** h. 6-39 **Moonset:** h. 20-26

Tithi: (Ashadha Sukla) Dvitiya h. 19-10 **Nakshatra:** Pushya h. 26-30 **Yoga:** Vyaghata h. 8-20 then Harshana h. 28-50 **Karana:** Balava h. 8-39 then Kaulava h. 19-10 **Moon:** in Karkata **Age of Moon:** 1.2 **Declination of Sun:** N 22° 55' **Sidereal Time (noon):** h. 06-52-19s **Equation of time:** -4m 21s

Lagna Karkata Begins: Chennai h. 6-46 Delhi h. 6-29 Kolkata h. 5-57 Mumbai h. 7-05

Midday Central Station h.12-04-21s Chennai: h.12-13-22s Delhi: h.12-25-30s Kolkata: h.11-40-51s Mumbai: h.12-43-02s

Rathayatra, Manoratha Dvitiya Vrata (Bengal)**Friday, 14 Ashadha, (ni) 21 Ashadha, 5 July, 1 Zu'lqada****Kali Ahargana:** 1870204 **Julian Day:** 2458669.5**Sunrise:** h. 5-19 **Sunset:** h. 18-50 **Moonrise:** h. 7-45 **Moonset:** h. 21-19

Tithi: (Ashadha Sukla) Tritiya h. 16-09 **Nakshatra:** Aslesha h. 24-18 **Yoga:** Vajra h. 25-19 **Karana:** Taitila h. 5-40, Gara h. 16-09 then Vanij h. 26-39 **Moon:** in Karkata, enters Simha h. 24-18 **Age of Moon:** 2.2 **Declination of Sun:** N 22° 50' **Sidereal Time (noon):** h. 06-56-26s **Equation of time:** -4m 32s

Lagna Karkata Begins: Chennai h. 6-42 Delhi h. 6-25 Kolkata h. 5-53 Mumbai h. 7-01

Midday Central Station h.12-04-32s Chennai: h.12-13-33s Delhi: h.12-25-40s Kolkata: h.11-41-02s Mumbai: h.12-43-12s

Saturday, 15 Ashadha, (ni) 22 Ashadha, 6 July, 2 Zu'lqada**Kali Ahargana:** 1870205 **Julian Day:** 2458670.5**Sunrise:** h. 5-20 **Sunset:** h. 18-50 **Moonrise:** h. 8-50 **Moonset:** h. 22-06

Tithi: (Ashadha Sukla) Chaturthi h. 13-10 **Nakshatra:** Magha h. 22-10 **Yoga:** Siddhi (Asrik) h. 21-51 **Karana:** Vishti h. 13-10 then Bava h. 23-43 **Moon:** in Simha **Age of Moon:** 3.2 **Declination of Sun:** N 22° 44' **Sidereal Time (noon):** h. 07-00-33s **Equation of time:** -4m 43s

Lagna Karkata Begins: Chennai h. 6-38 Delhi h. 6-21 Kolkata h. 5-49 Mumbai h. 6-57

Midday Central Station h.12-04-43s Chennai: h.12-13-44s Delhi: h.12-25-51s Kolkata: h.11-41-12s Mumbai: h.12-43-23s

Sun enters Punarvasu Nakshatra h.16-50

Sunday, 16 Ashadha, (ni) 23 Ashadha, 7 July, 3 Zu'lqada**Kali Ahargana:** 1870206 **Julian Day:** 2458671.5**Sunrise:** h. 5-20 **Sunset:** h. 18-50 **Moonrise:** h. 9-54 **Moonset:** h. 22-50

Tithi: (Ashadha Sukla) Panchami h. 10-19 **Nakshatra:** Purva Phalguni h. 20-14 **Yoga:** Vyatipata h. 18-32 **Karana:** Balava h. 10-19 then Kaulava h. 20-59 **Moon:** in Simha, enters Kanya h. 25-47 **Age of Moon:** 4.2 **Declination of Sun:** N 22° 38' **Sidereal Time (noon):** h. 07-04-40s **Equation of time:** -4m 53s

Lagna Karkata Begins: Chennai h. 6-34 Delhi h. 6-17 Kolkata h. 5-45 Mumbai h. 6-53

Midday Central Station h.12-04-53s Chennai: h.12-13-54s Delhi: h.12-26-01s Kolkata: h.11-41-22s Mumbai: h.12-43-33s

Kumara Shashthi (Vrata)**Monday, 17 Ashadha, (ni) 24 Ashadha, 8 July, 4 Zu'lqada****Kali Ahargana:** 1870207 **Julian Day:** 2458672.5**Sunrise:** h. 5-20 **Sunset:** h. 18-50 **Moonrise:** h. 10-55 **Moonset:** h. 23-32

Tithi: (Ashadha Sukla) Shashthi h. 7-42 **Nakshatra:** Uttara Phalguni h. 18-34 **Yoga:** Variyan h. 15-26 **Karana:** Taitila h. 7-42 then Gara h. 18-31 **Moon:** in Kanya **Age of Moon:** 5.2 **Declination of Sun:** N 22° 32' **Sidereal Time (noon):** h. 07-08-46s **Equation of time:** -5m 02s

Lagna Karkata Begins: Chennai h. 6-30 Delhi h. 6-13 Kolkata h. 5-41 Mumbai h. 6-49

Midday Central Station h.12-05-02s Chennai: h.12-14-03s Delhi: h.12-26-10s Kolkata: h.11-41-32s Mumbai: h.12-43-42s

Vivasvat Saptami

Tuesday, 18 Ashadha, (ni) 25 Ashadha, 9 July, 5 Zu'lqada**Kali Ahargana:** 1870208 **Julian Day:** 2458673.5**Sunrise:** h. 5-21 **Sunset:** h. 18-50 **Moonrise:** h. 11-55 **Moonset:** h. 24-11**Tithi:** (Ashadha Siukla) Saptami h. 5-25 then Ashtami h. 27-31 **Nakshatra:** Hasta h. 17-15 **Yoga:** Parigha h. 12-38 **Karana:** Vanij h. 5-25, Vishti h. 16-25 then Bava h. 27-31 **Moon:** in Kanya, enters Tula h. 28-45 **Age of Moon:** 6.2 **Declination of Sun:** N 22° 25' **Sidereal Time (noon):** h. 07-12-52s **Equation of time:** -5m 11s**Lagna** Karkata Begins: Chennai h. 6-26 Delhi h. 6-09 Kolkata h. 5-37 Mumbai h. 6-45

Midday Central Station h.12-05-11s Chennai: h.12-14-12s Delhi: h.12-26-20s Kolkata: h.11-41-41s Mumbai: h.12-43-52s

Kharchi Puja (Tripura)**Wednesday, 19 Ashadha, (ni) 26 Ashadha, 10 July, 6 Zu'lqada****Kali Ahargana:** 1870209 **Julian Day:** 2458674.5**Sunrise:** h. 5-21 **Sunset:** h. 18-49 **Moonrise:** h. 12-54 **Moonset:** h. 24-51**Tithi:** (Ashadha Sukla) Navami h. 26-03 **Nakshatra:** Chitra h. 16-22 **Yoga:** Siva h. 10-10 **Karana:** Balava h. 14-44 then Kaulava h. 26-03 **Moon:** in Tula **Age of Moon:** 7.2 **Declination of Sun:** N 22° 18' **Sidereal Time (noon):** h. 07-16-57s **Equation of time:** -5m 20s**Lagna** Karkata Begins: Chennai h. 6-22 Delhi h. 6-05 Kolkata h. 5-33 Mumbai h. 6-41

Midday Central Station h.12-05-20s Chennai: h.12-14-21s Delhi: h.12-26-28s Kolkata: h.11-41-50s Mumbai: h.12-44-00s

Mela Sharik Bhagwati (Kashmir)**Thursday, 20 Ashadha, (ni) 27 Ashadha, 11 July, 7 Zu'lqada****Kali Ahargana:** 1870210 **Julian Day:** 2458675.5**Sunrise:** h. 5-22 **Sunset:** h. 18-49 **Moonrise:** h. 13-52 **Moonset:** h. 25-32**Tithi:** (Ashadha Sukla) Dasami h. 25-03 **Nakshatra:** Svati h. 15-55 **Yoga:** Siddha h. 8-04 **Karana:** Taitila h. 13-29 then Gara h. 25-03 **Moon:** in Tula **Age of Moon:** 8.2 **Declination of Sun:** N 22° 10' **Sidereal Time (noon):** h. 07-21-02s **Equation of time:** -5m 29s**Lagna** Karkata Begins: Chennai h. 6-18 Delhi h. 6-01 Kolkata h. 5-29 Mumbai h. 6-37

Midday Central Station h.12-05-29s Chennai: h.12-14-29s Delhi: h.12-26-37s Kolkata: h.11-41-58s Mumbai: h.12-44-09s

Mars sets in the west h. 12-01

Punaryatra (Smarta)**Friday, 21 Ashadha, (ni) 28 Ashadha, 12 July, 8 Zu'lqada****Kali Ahargana:** 1870211 **Julian Day:** 2458676.5**Sunrise:** h. 5-22 **Sunset:** h. 18-49 **Moonrise:** h. 14-50 **Moonset:** h. 26-14**Tithi:** (Ashadha Sukla) Ekadasi h. 24-31 **Nakshatra:** Visakha h. 15-57 **Yoga:** Sadhya h. 6-20 then Subha h. 29-00 **Karana:** vanij h. 12-43 then Vishti h. 24-31 **Moon:** in Tula, enters Vrischika h. 9-54 **Age of Moon:** 9.2 **Declination of Sun:** N 22° 02' **Sidereal Time (noon):** h. 07-25-07s **Equation of time:** -5m 36s**Lagna** Karkata Begins: Chennai h. 6-14 Delhi h. 5-57 Kolkata h. 5-25 Mumbai h. 6-33

Midday Central Station h.12-05-36s Chennai: h.12-14-37s Delhi: h.12-26-45s Kolkata: h.11-42-06s Mumbai: h.12-44-17s

Utarath (Odisha), **Buhudha Yatra**, **Harisayani Ekadasi****Saturday, 22 Ashadha, (ni) 29 Ashadha, 13 July, 9 Zu'lqada****Kali Ahargana:** 1870212 **Julian Day:** 2458677.5**Sunrise:** h. 5-22 **Sunset:** h. 18-49 **Moonrise:** h. 15-48 **Moonset:** h. 27-00**Tithi:** (Ashadha Sukla) Dvadasi h. 24-29 **Nakshatra:** Anuradha h. 16-27 **Yoga:** Sukla (Sukra) h. 28-02 **Karana:** Bava h. 12-26 then Balava h. 24-29 **Moon:** in Vrischika **Age of Moon:** 10.2 **Declination of Sun:** N 21° 54' **Sidereal Time (noon):** h. 07-29-11s **Equation of time:** -5m 44s**Lagna** Karkata Begins: Chennai h. 6-10 Delhi h. 5-53 Kolkata h. 5-21 Mumbai h. 6-29

Midday Central Station h.12-05-44s Chennai: h.12-14-45s Delhi: h.12-26-52s Kolkata: h.11-42-13s Mumbai: h.12-44-24s

Sayana Vaidhriti h. 13-46

Martyr's Day (Kashmir)

Sunday, 23 Ashadha, (ni) 30 Ashadha, 14 July, 10 Zu'lqada**Kali Ahargana:** 1870213 **Julian Day:** 2458678.5**Sunrise:** h. 5-23 **Sunset:** h. 18-49 **Moonrise:** h. 16-44 **Moonset:** h. 27-48

Tithi: (Ashadha Sukla) Trayodasi h. 24-55 **Nakshatra:** Jyestha h. 17-26 **Yoga:** Brahma h. 27-27 **Karana:** Kaulava h. 12-38 then Taitila h. 24-55 **Moon:** in Vrischika, enters Dhanus h. 17-26 **Age of Moon:** 11.2 **Declination of Sun:** N 21° 45' **Sidereal Time (noon):** h. 07-33-14s **Equation of time:** -5m 51s

Lagna Karkata Begins: Chennai h. 6-06 Delhi h. 5-49 Kolkata h. 5-17 Mumbai h. 6-25

Midday Central Station h.12-05-51s Chennai: h.12-14-52s Delhi: h.12-26-59s Kolkata: h.11-42-20s Mumbai: h.12-44-31s

Monday, 24 Ashadha, (ni) 31 Ashadha, 15 July, 11 Zu'lqada**Kali Ahargana:** 1870214 **Julian Day:** 2458679.5**Sunrise:** h. 5-23 **Sunset:** h. 18-49 **Moonrise:** h. 17-39 **Moonset:** h. 28-39

Tithi: (Ashadha Sukla) Chaturdasi h. 25-49 **Nakshatra:** Mula h. 18-52 **Yoga:** Indra h. 27-14 **Karana:** Gara h. 13-18 then vanij h. 25-49 **Moon:** in Dhanus **Age of Moon:** 12.2 **Declination of Sun:** N 21° 36' **Sidereal Time (noon):** h. 07-37-17s **Equation of time:** -5m 57s

Lagna Karkata Begins: Chennai h. 6-02 Delhi h. 5-45 Kolkata h. 5-13 Mumbai h. 6-21

Midday Central Station h.12-05-57s Chennai: h.12-14-58s Delhi: h.12-27-05s Kolkata: h.11-42-27s Mumbai: h.12-44-37s

Mela Jwala Mukhi (Kashmir)**Tuesday, 25 Ashadha, (ni) 1 Sravana, 16 July, 12 Zu'lqada****Kali Ahargana:** 1870215 **Julian Day:** 2458680.5**Sunrise:** h. 5-24 **Sunset:** h. 18-48 **Moonrise:** h. 18-30

Tithi: (Ashadha Sukla) Purnima h. 27-08 **Nakshatra:** Purvasadha h. 20-43 **Yoga:** Vaidhriti h. 27-21 **Karana:** Vishti h. 14-25 then Bava h. 27-08 **Moon:** in Dhanus, enters Makara h. 27-15 **Age of Moon:** 13.2 **Declination of Sun:** N 21° 26' **Sidereal Time (noon):** h. 07-41-19s **Equation of time:** -6m 03s

Lagna Karkata Begins: Chennai h. 5-58 Delhi h. 5-41 Kolkata h. 5-09 Mumbai h. 6-17

Midday Central Station h.12-06-03s Chennai: h.12-15-04s Delhi: h.12-27-11s Kolkata: h.11-42-33s Mumbai: h.12-44-43s

Sun enters Nirayana Karkata Rasi h. 28-34, Saura Sravanadi h. 6-31

Guru Purnima, Vyasa Puja, Ashadhi Purnima, Partial Lunar Eclipse (Visible in India)**Partial Eclipse of the Moon, 25 Ashadha 1941, (ni) 1 Sravana 5120 KE, 16 July 2019, Tuesday**

The eclipse will be visible in India.

Area of Visibility:- Eclipse will be visible in the region covering Australasia, Asia except north east, Africa, Europe except northern most Scandinavia, most of South America.

The places from where the beginning of the umbral phase is visible at the time of moonset are some part of New Zealand, eastern part of Australia, South Korea, North Korea, northeastern part of China and some part of Russia.

The places from where the ending of the umbral phase is visible at the time of moonrise are Argentina, Chile, Bolivia, western part of Brazil, Peru and North Atlantic Ocean.

Visibility in India : The eclipse is visible from beginning to end from all places of India except extreme north eastern part of Arunachal Pradesh.

General Circumstances**I.S.T.**

	d	h	m
Beginning of the eclipse	16	25	31
Middle of the eclipse*	16	27	01
Ending of the eclipse	16	28	30
Moon enters penumbra	16	24	12
Moon leaves penumbra	17	05	49

*Magnitude of the eclipse = 0.658

Duration of the eclipse = 2h 59m.

Wednesday, 26 Ashadha, (ni) 2 Sravana, 17 July, 13 Zu'lqada**Kali Ahargana:** 1870216 **Julian Day:** 2458681.5**Sunrise:** h. 5-24 **Sunset:** h. 18-48 **Moonset:** h. 5-32 **Moonrise:** h. 19-18**Tithi:** (Ashadha Krishna) Pratipad h. 28-52 **Nakshatra:** Uttarasadha h. 22-59 **Yoga:** Viskumbha h. 27-46 **Karana:** Balava h. 15-57 then Kaulava h. 28-52 **Moon:** in Makara **Age of Moon:** 14.2 **Declination of Sun:** N 21° 17' **Sidereal Time (noon):** h. 07-45-21s **Equation of time:** -6m 08s**Lagna** Karkata Begins: Chennai h. 5-55 / 29-51 Delhi h. 5-38 / 29-34 Kolkata h. 5-06 / 29-02 Mumbai h. 6-14 / 30-10

Midday Central Station h.12-06-08s Chennai: h.12-15-09s Delhi: h.12-27-16s Kolkata: h.11-42-38s Mumbai: h.12-44-49s

Manasa Puja begins (Bengal)**Thursday, 27 Ashadha, (ni) 3 Sravana, 18 July, 14 Zu'lqada****Kali Ahargana:** 1870217 **Julian Day:** 2458682.5**Sunrise:** h. 5-25 **Sunset:** h. 18-48 **Moonset:** h. 6-24 **Moonrise:** h. 20-01**Tithi:** (Ashadha Krishna) Dvitiya ahoratra **Nakshatra:** Sravana h. 25-34 **Yoga:** Priti h. 28-26 **Karana:** Taitila h. 17-51 **Moon:** in Makara **Age of Moon:** 15.2 **Declination of Sun:** N 21° 06' **Sidereal Time (noon):** h. 07-49-23s **Equation of time:** -6m 13s**Lagna** Karkata Begins: Chennai h. 29-47 Delhi h. 29-30 Kolkata h. 28-58 Mumbai h. 30-06

Midday Central Station h.12-06-13s Chennai: h.12-15-14s Delhi: h.12-27-21s Kolkata: h.11-42-43s Mumbai: h.12-44-53s

Friday, 28 Ashadha, (ni) 4 Sravana, 19 July, 15 Zu'lqada**Kali Ahargana:** 1870218 **Julian Day:** 2458683.5**Sunrise:** h. 5-25 **Sunset:** h. 18-47 **Moonset:** h. 7-17 **Moonrise:** h. 20-41**Tithi:** (Ashadha Krishna) Dvitiya h. 6-55 **Nakshatra:** Dhanistha h. 28-25 **Yoga:** Ayusman h. 29-19 **Karana:** Gara h. 6-55 then vanij h. 20-03 **Moon:** in Makara, enters Kumbha h. 14-58 **Age of Moon:** 16.2 **Declination of Sun:** N 20° 56' **Sidereal Time (noon):** h. 07-53-24s **Equation of time:** -6m 18s**Lagna** Karkata Begins: Chennai h. 29-43 Delhi h. 29-26 Kolkata h. 28-54 Mumbai h. 30-02

Midday Central Station h.12-06-18s Chennai: h.12-15-18s Delhi: h.12-27-26s Kolkata: h.11-42-47s Mumbai: h.12-44-58s

Saturday, 29 Ashadha, (ni) 5 Sravana, 20 July, 16 Zu'lqada**Kali Ahargana:** 1870219 **Julian Day:** 2458684.5**Sunrise:** h. 5-25 **Sunset:** h. 18-47 **Moonset:** h. 8-08 **Moonrise:** h. 21-18**Tithi:** (Ashadha Krishna) Tritiya h. 9-14 **Nakshatra:** Satabhisaj ahoratra **Yoga:** Saubhagya ahoratra **Karana:** Vishti h. 9-14 then Bava h. 22-26 **Moon:** in Kumbha **Age of Moon:** 17.2 **Declination of Sun:** N 20° 45' **Sidereal Time (noon):** h. 07-57-24s **Equation of time:** -6m 21s**Lagna** Karkata Begins: Chennai h. 29-39 Delhi h. 29-22 Kolkata h. 28-50 Mumbai h. 29-58

Midday Central Station h.12-06-21s Chennai: h.12-15-22s Delhi: h.12-27-29s Kolkata: h.11-42-51s Mumbai: h.12-45-01s

Sun enters Pusya Nakshatra h. 16-26

Sunday, 30 Ashadha, (ni) 6 Sravana, 21 July, 17 Zu'lqada**Kali Ahargana:** 1870220 **Julian Day:** 2458685.5**Sunrise:** h. 5-26 **Sunset:** h. 18-47 **Moonset:** h. 8-59 **Moonrise:** h. 21-53**Tithi:** (Ashadha Krishna) Chaturthi h. 11-40 **Nakshatra:** Satabhisaj h. 7-25 **Yoga:** Saubhagya h. 6-18 **Karana:** Balava h. 11-40 then Kaulava h. 24-53 **Moon:** in Kumbha, enters Mina h. 27-40 **Age of Moon:** 18.2 **Declination of Sun:** N 20° 34' **Sidereal Time (noon):** h. 08-01-24s **Equation of time:** -6m 25s**Lagna** Karkata Begins: Chennai h. 29-35 Delhi h. 29-18 Kolkata h. 28-46 Mumbai h. 29-54

Midday Central Station h.12-06-25s Chennai: h.12-15-25s Delhi: h.12-27-33s Kolkata: h.11-42-54s Mumbai: h.12-45-05s

Monday, 31 Ashadha, (ni) 7 Sravana, 22 July, 18 Zu'lqada

Kali Ahargana: 1870221 **Julian Day:** 2458686.5

Sunrise: h. 5-26 **Sunset:** h. 18-46 **Moonset:** h. 9-49 **Moonrise:** h. 22-26

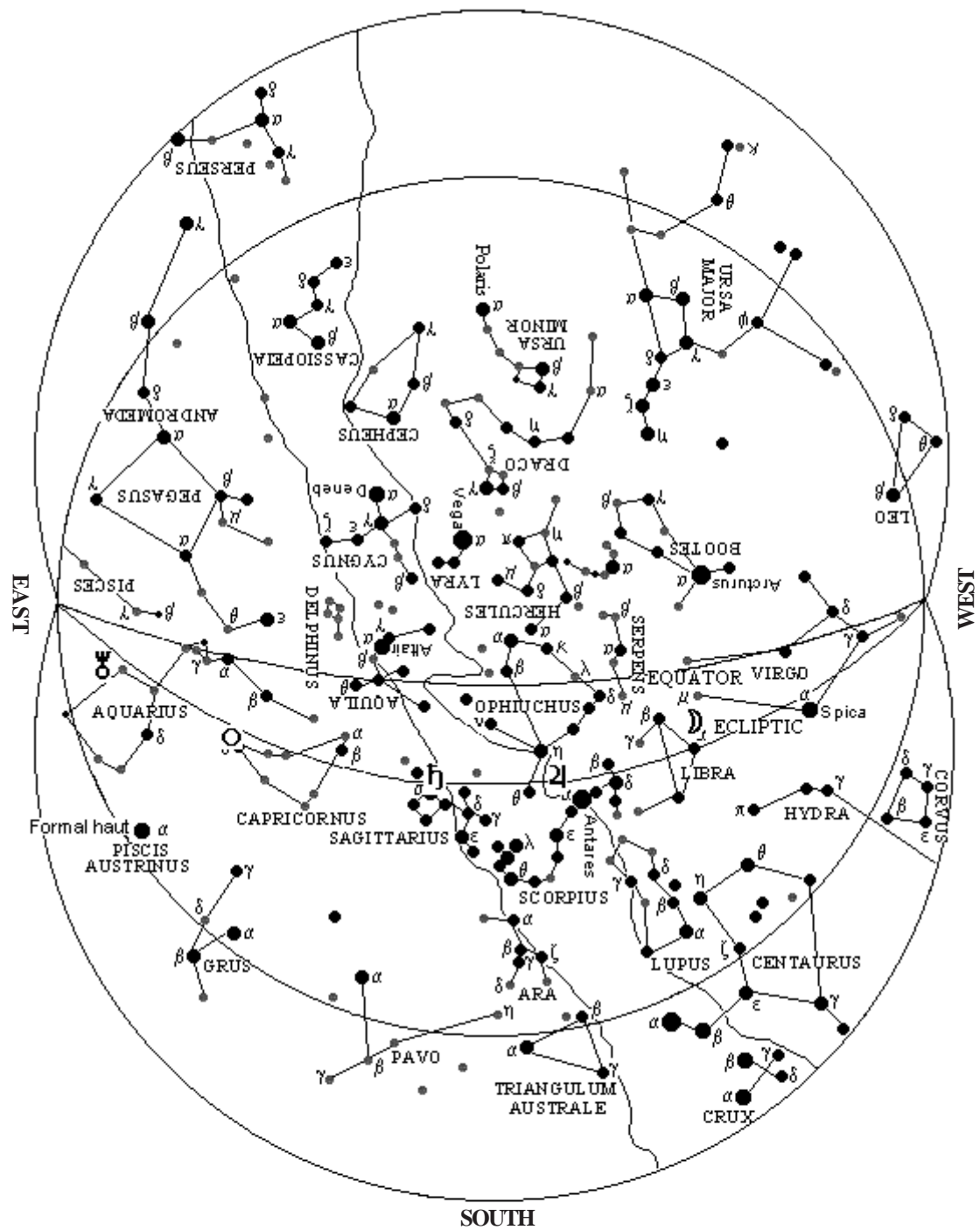
Tithi: (Ashadha Krishna) Panchami h. 14-04 **Nakshatra:** Purva Bhadrapada h. 10-24 **Yoga:** Sobhana h. 7-17 **Karana:** Taitila h. 14-04 then Gara h. 27-13 **Moon:** in Mina **Age of Moon:** 19.2 **Declination of Sun:** N 20° 22' **Sidereal Time (noon):** h. 08-05-23s **Equation of time:** -6m 27s

Lagna Karkata Begins: Chennai h. 29-31 Delhi h. 29-14 Kolkata h. 28-42 Mumbai h. 29-50

Midday Central Station h.12-06-27s Chennai: h.12-15-28s Delhi: h.12-27-35s Kolkata: h.11-42-57s Mumbai: h.12-45-07s

Naga Panchami (Bengal)

**STAR CHART FOR THE MONTH OF AUGUST, 2019 (10 SRAVANA - 9 BHADRA) 0° TO 40°N
HILKON**



Month of SRAVANA : 31 days :: Vedic Month : Nabhasya (Simha)

Nirayana months: 8 Sravana, 5120 Kali to 7 Bhadra, 5120 kali :: 24 and 7 days

Varsa Ritu : 2nd Month :: Dakshinayana : Uttara Gola

Sun in Karkata, enters Simha on 26th :: Ayanamsa on 1st Sravana : 24° 07' 34"

Kali Ahargana : 1870222 - 1870252, *Julian Day* : 2458687.5 - 2458717.5

(Nirayana) Bhadra begins on 25 Sravana, 16 August, 2019

Tuesday, 1 Sravana, (ni) 8 Sravana, 23 July, 19 Zu'lqada

Kali Ahargana: 1870222 **Julian Day:** 2458687.5

Sunrise: h. 5-27 **Sunset:** h. 18-46 **Moonset:** h. 10-38 **Moonrise:** h. 23-00

Tithi: (Ashadha Krishna) Shashthi h. 16-16 **Nakshatra:** Uttara Bhadrpada h. 13-14 **Yoga:** Atiganda h. 8-09 **Karana:** vanij h. 16-16 then Vishti h. 29-14 **Moon:** in Mina **Age of Moon:** 20.2 **Declination of Sun:** N 20° 10' **Sidereal Time (noon):** h. 08-09-22s **Equation of time:** -6m 29s

Lagna Karkata Begins: Chennai h. 29-27 Delhi h. 29-10 Kolkata h. 28-38 Mumbai h. 29-46

Midday Central Station h.12-06-29s Chennai: h.12-15-30s Delhi: h.12-27-37s Kolkata: h.11-42-59s Mumbai: h.12-45-09s

Sun enters Trop Leo h 8-20, Venus sets in east h.14-53

Ker Puja (Tripura)

Wednesday, 2 Sravana, (ni) 9 Sravana, 24 July, 20 Zu'lqada

Kali Ahargana: 1870223 **Julian Day:** 2458688.5

Sunrise: h. 5-27 **Sunset:** h. 18-46 **Moonset:** h. 11-28 **Moonrise:** h. 23-34

Tithi: (Ashadha Krishna) Saptami h. 18-05 **Nakshatra:** Revati h. 15-42 **Yoga:** Sukarma h. 8-46 **Karana:** Bava h. 18-05 **Moon:** in Mina, enters Mesha h. 15-42 **Age of Moon:** 21.2 **Declination of Sun:** N 19° 58' **Sidereal Time (noon):** h. 08-13-20s **Equation of time:** -6m 31s

Lagna Karkata Begins: Chennai h. 29-23 Delhi h. 29-06 Kolkata h. 28-34 Mumbai h. 29-42

Midday Central Station h.12-06-31s Chennai: h.12-15-32s Delhi: h.12-27-39s Kolkata: h.11-43-01s Mumbai: h.12-45-11s

Thursday, 3 Sravana, (ni) 10 Sravana, 25 July, 21 Zu'lqada

Kali Ahargana: 1870224 **Julian Day:** 2458689.5

Sunrise: h. 5-28 **Sunset:** h. 18-45 **Moonset:** h. 12-19 **Moonrise:** h. 24-09

Tithi: (Ashadha Krishna) Ashtami h. 19-21 **Nakshatra:** Asvini h. 17-39 **Yoga:** Dhriti h. 9-00 **Karana:** Balava h. 6-48 then Kaulava h. 19-21 **Moon:** in Mesha **Age of Moon:** 22.2 **Declination of Sun:** N 19° 45' **Sidereal Time (noon):** h. 08-17-17s **Equation of time:** -6m 32s

Lagna Karkata Begins: Chennai h. 29-19 Delhi h. 29-02 Kolkata h. 28-30 Mumbai h. 29-38

Midday Central Station h.12-06-32s Chennai: h.12-15-33s Delhi: h.12-27-40s Kolkata: h.11-43-02s Mumbai: h.12-45-12s

Friday, 4 Sravana, (ni) 11 Sravana, 26 July, 22 Zu'lqada

Kali Ahargana: 1870225 **Julian Day:** 2458690.5

Sunrise: h. 5-28 **Sunset:** h. 18-45 **Moonset:** h. 13-13 **Moonrise:** h. 24-49

Tithi: (Ashadha Krishna) Navami h. 19-56 **Nakshatra:** Bharani h. 18-57 **Yoga:** Sula h. 8-45 **Karana:** Taitila h. 7-44 then Gara h. 19-56 **Moon:** in Mesha, enters Vrisha h. 25-09 **Age of Moon:** 23.2 **Declination of Sun:** N 19° 33' **Sidereal Time (noon):** h. 08-21-14s **Equation of time:** -6m 32s

Lagna Karkata Begins: Chennai h. 29-15 Delhi h. 28-58 Kolkata h. 28-26 Mumbai h. 29-34

Midday Central Station h.12-06-32s Chennai: h.12-15-33s Delhi: h.12-27-40s Kolkata: h.11-43-02s Mumbai: h.12-45-12s

Sayana Vyatipata h. 29-11

Saturday, 5 Sravana, (ni) 12 Sravana, 27 July, 23 Zu'lqada**Kali Ahargana:** 1870226 **Julian Day:** 2458691.5**Sunrise:** h. 5-28 **Sunset:** h. 18-44 **Moonset:** h. 14-09 **Moonrise:** h. 25-33**Tithi:** (Ashadha Krishna) Dasami h. 19-46 **Nakshatra:** Krittika h. 19-30 **Yoga:** Ganda h. 7-55 **Karana:** vanij h. 7-57 then Vishti h. 19-46 **Moon:** in Vrisha **Age of Moon:** 24.2 **Declination of Sun:** N 19° 19' **Sidereal Time (noon):** h. 08-25-11s **Equation of time:** -6m 32s**Lagna Karkata** Begins: Chennai h. 29-11 Delhi h. 28-54 Kolkata h. 28-22 Mumbai h. 29-30

Midday Central Station h.12-06-32s Chennai: h.12-15-33s Delhi: h.12-27-40s Kolkata: h.11-43-02s Mumbai: h.12-45-12s

Sunday, 6 Sravana, (ni) 13 Sravana, 28 July, 24 Zu'lqada**Kali Ahargana:** 1870227 **Julian Day:** 2458692.5**Sunrise:** h. 5-29 **Sunset:** h. 18-44 **Moonset:** h. 15-08 **Moonrise:** h. 26-21**Tithi:** (Ashadha Krishna) Ekadasi h. 18-50 **Nakshatra:** Rohini h. 19-18 **Yoga:** Vriddhi h. 6-28 then Dhruva h. 28-25 **Karana:** Bava h. 7-24 then Balava h. 18-50 **Moon:** in Vrisha **Age of Moon:** 25.2 **Declination of Sun:** N 19° 06' **Sidereal Time (noon):** h. 08-29-07s **Equation of time:** -6m 32s**Lagna Karkata** Begins: Chennai h. 29-07 Delhi h. 28-50 Kolkata h. 28-18 Mumbai h. 29-26

Midday Central Station h.12-06-32s Chennai: h.12-15-32s Delhi: h.12-27-40s Kolkata: h.11-43-01s Mumbai: h.12-45-11s

Kamika Ekadasi**Monday, 7 Sravana, (ni) 14 Sravana, 29 July, 25 Zu'lqada****Kali Ahargana:** 1870228 **Julian Day:** 2458693.5**Sunrise:** h. 5-29 **Sunset:** h. 18-43 **Moonset:** h. 16-09 **Moonrise:** h. 27-18**Tithi:** (Ashadha Krishna) Dvadasi h. 17-09 **Nakshatra:** Mrigasiras h. 18-22 **Yoga:** Vyaghata h. 25-46 **Karana:** Kaulava h. 6-05, Taitila h. 17-09 then Gara h. 28-04 **Moon:** in Vrisha, enters Mithuna h. 6-55 **Age of Moon:** 26.2 **Declination of Sun:** N 18° 52' **Sidereal Time (noon):** h. 08-33-02s **Equation of time:** -6m 30s**Lagna Karkata** Begins: Chennai h. 29-03 Delhi h. 28-46 Kolkata h. 28-14 Mumbai h. 29-22

Midday Central Station h.12-06-30s Chennai: h.12-15-31s Delhi: h.12-27-38s Kolkata: h.11-43-00s Mumbai: h.12-45-10s

Tuesday, 8 Sravana, (ni) 15 Sravana, 30 July, 26 Zu'lqada**Kali Ahargana:** 1870229 **Julian Day:** 2458694.5**Sunrise:** h. 5-30 **Sunset:** h. 18-43 **Moonset:** h. 17-11 **Moonrise:** h. 28-19**Tithi:** (Ashadha Krishna) Trayodasi h. 14-50 **Nakshatra:** Ardra h. 16-47 **Yoga:** Harshana h. 22-38 **Karana:** vanij h. 14-50 then Vishti h. 25-27 **Moon:** in Mithuna **Age of Moon:** 27.2 **Declination of Sun:** N 18° 38' **Sidereal Time (noon):** h. 08-36-57s **Equation of time:** -6m 28s**Lagna Karkata** Begins: Chennai h. 28-59 Delhi h. 28-42 Kolkata h. 28-10 Mumbai h. 29-18

Midday Central Station h.12-06-28s Chennai: h.12-15-29s Delhi: h.12-27-36s Kolkata: h.11-42-58s Mumbai: h.12-45-08s

Wednesday, 9 Sravana, (ni) 16 Sravana, 31 July, 27 Zu'lqada**Kali Ahargana:** 1870230 **Julian Day:** 2458695.5**Sunrise:** h. 5-30 **Sunset:** h. 18-42 **Moonset:** h. 18-10 **Moonrise:** h. 29-25**Tithi:** (Ashadha Krishna) Chaturdasi h. 11-58 **Nakshatra:** Punarvasu h. 14-41 **Yoga:** Vajra h. 19-06 **Karana:** Sakuni h. 11-58 then Chatuspada h. 22-22 **Moon:** in Mithuna, enters Karkata h. 9-15 **Age of Moon:** 28.2 **Declination of Sun:** N 18° 23' **Sidereal Time (noon):** h. 08-40-51s **Equation of time:** -6m 26s**Lagna Karkata** Begins: Chennai h. 28-56 Delhi h. 28-39 Kolkata h. 28-07 Mumbai h. 29-15

Midday Central Station h.12-06-26s Chennai: h.12-15-27s Delhi: h.12-27-34s Kolkata: h.11-42-56s Mumbai: h.12-45-06s

Chitalagi Amavasya (Odisha), **Adiamavasya** (Tamil Nadu), **Karkataka Vavu** (Kerala)

Thursday, 10 Sravana, (ni) 17 Sravana, 1 August, 28 Zu'lqada**Kali Ahargana:** 1870231 **Julian Day:** 2458696.5**Sunrise:** h. 5-31 **Sunset:** h. 18-42 **Moonset:** h. 19-06

Tithi: (Ashadha Krishna) Amavasya h. 8-42 then Sravana Sukla Pratipad h. 29-12 **Nakshatra:** Pushya h. 12-12 **Yoga:** Siddhi (Asrik) h. 15-16 **Karana:** Naga h. 8-42, Kinstughna h. 18-58 then Bava h. 29-12 **Moon:** in Karkata **Age of Moon:** 29.2 ●
Declination of Sun: N 18° 08' **Sidereal Time (noon):** h. 08-44-44s **Equation of time:** -6m 23s

Lagna Karkata Begins: Chennai h. 28-52 Delhi h. 28-35 Kolkata h. 28-03 Mumbai h. 29-11

Midday Central Station h.12-06-23s Chennai: h.12-15-24s Delhi: h.12-27-31s Kolkata: h.11-42-52s Mumbai: h.12-45-03s

Tilak Commemoration Day**Friday, 11 Sravana, (ni) 18 Sravana, 2 August, 29 Zu'lqada****Kali Ahargana:** 1870232 **Julian Day:** 2458697.5**Sunrise:** h. 5-31 **Sunset:** h. 18-41 **Moonrise:** h. 6-32 **Moonset:** h. 19-58

Tithi: (Sravana Sukla) Dvitiya h. 25-36 **Nakshatra:** Aslesha h. 9-29 **Yoga:** Vyatipata h. 11-16 **Karana:** Balava h. 15-24 then Kaulava h. 25-36 **Moon:** in Karkata, enters Simha h. 9-29 **Age of Moon:** 0.9 **Declination of Sun:** N 17° 53' **Sidereal Time (noon):** h. 08-48-37s **Equation of time:** -6m 19s

Lagna Simha Begins: Chennai h. 7-01 Delhi h. 6-55 Kolkata h. 6-18 Mumbai h. 7-24

Midday Central Station h.12-06-19s Chennai: h.12-15-20s Delhi: h.12-27-27s Kolkata: h.11-42-49s Mumbai: h.12-44-59s

Saturday, 12 Sravana, (ni) 19 Sravana, 3 August, 1 Zulhijja**Kali Ahargana:** 1870233 **Julian Day:** 2458698.5**Sunrise:** h. 5-32 **Sunset:** h. 18-41 **Moonrise:** h. 7-39 **Moonset:** h. 20-44

Tithi: (Sravana Sukla) Tritiya h. 22-06 **Nakshatra:** Magha h. 6-44 then Purva Phalguni h. 28-06 **Yoga:** Variyan h. 7-15 then Parigha h. 27-19 **Karana:** Taitila h. 11-50 then Gara h. 22-06 **Moon:** in Simha **Age of Moon:** 1.9 **Declination of Sun:** N 17° 38' **Sidereal Time (noon):** h. 08-52-29s **Equation of time:** -6m 15s

Lagna Simha Begins: Chennai h. 6-57 Delhi h. 6-51 Kolkata h. 6-14 Mumbai h. 7-20

Midday Central Station h.12-06-15s Chennai: h.12-15-15s Delhi: h.12-27-23s Kolkata: h.11-42-44s Mumbai: h.12-44-54s

Sun enters Aslesha Nakshatra h. 15-18

Madhusrava Tritiya (Teej), Adi Puram (S.India)**Sunday, 13 Sravana, (ni) 20 Sravana, 4 August, 2 Zulhijja****Kali Ahargana:** 1870234 **Julian Day:** 2458699.5**Sunrise:** h. 5-32 **Sunset:** h. 18-40 **Moonrise:** h. 8-43 **Moonset:** h. 21-28

Tithi: (Sravana Sukla) Chaturthi h. 18-49 **Nakshatra:** Uttara Phalguni h. 25-44 **Yoga:** Siva h. 23-37 **Karana:** Vanij h. 8-25, Vishti h. 18-49 then Bava h. 29-19 **Moon:** in Simha, enters Kanya h. 9-28 **Age of Moon:** 2.9 **Declination of Sun:** N 17° 22' **Sidereal Time (noon):** h. 08-56-21s **Equation of time:** -6m 10s

Lagna Simha Begins: Chennai h. 6-53 Delhi h. 6-47 Kolkata h. 6-10 Mumbai h. 7-16

Midday Central Station h.12-06-10s Chennai: h.12-15-10s Delhi: h.12-27-18s Kolkata: h.11-42-39s Mumbai: h.12-44-50s

Monday, 14 Sravana, (ni) 21 Sravana, 5 August, 3 Zulhijja**Kali Ahargana:** 1870235 **Julian Day:** 2458700.5**Sunrise:** h. 5-32 **Sunset:** h. 18-40 **Moonrise:** h. 9-46 **Moonset:** h. 22-09

Tithi: (Sravana Sukla) Panchami h. 15-55 **Nakshatra:** Hasta h. 23-48 **Yoga:** Siddha h. 20-16 **Karana:** Balava h. 15-55 then Kaulava h. 26-39 **Moon:** in Kanya **Age of Moon:** 3.9 **Declination of Sun:** N 17° 06' **Sidereal Time (noon):** h. 09-00-12s **Equation of time:** -6m 04s

Lagna Simha Begins: Chennai h. 6-49 Delhi h. 6-43 Kolkata h. 6-06 Mumbai h. 7-12

Midday Central Station h.12-06-04s Chennai: h.12-15-05s Delhi: h.12-27-12s Kolkata: h.11-42-34s Mumbai: h.12-44-44s

Naga Panchami

Tuesday, 15 Sravana, (ni) 22 Sravana, 6 August, 4 Zulhijja**Kali Ahargana:** 1870236 **Julian Day:** 2458701.5**Sunrise:** h. 5-33 **Sunset:** h. 18-39 **Moonrise:** h. 10-47 **Moonset:** h. 22-50**Tithi:** (Sravana Sukla) Shashthi h. 13-30 **Nakshatra:** Chitra h. 22-23 **Yoga:** Sadhya h. 17-20 **Karana:** Taitila h. 13-30 then Gara h. 24-31 **Moon:** in Kanya, enters Tula h. 11-01 **Age of Moon:** 4.9 **Declination of Sun:** N 16° 50' **Sidereal Time (noon):** h. 09-04-02s **Equation of time:** -5m 58s**Lagna Simha Begins:** Chennai h. 6-45 Delhi h. 6-39 Kolkata h. 6-02 Mumbai h. 7-08

Midday Central Station h.12-05-58s Chennai: h.12-14-59s Delhi: h.12-27-06s Kolkata: h.11-42-28s Mumbai: h.12-44-38s

Wednesday, 16 Sravana, (ni) 23 Sravana, 7 August, 5 Zulhijja**Kali Ahargana:** 1870237 **Julian Day:** 2458702.5**Sunrise:** h. 5-33 **Sunset:** h. 18-38 **Moonrise:** h. 11-47 **Moonset:** h. 23-31**Tithi:** (Sravana Sukla) Saptami h. 11-41 **Nakshatra:** Svati h. 21-36 **Yoga:** Subha h. 14-53 **Karana:** Vanij h. 11-41 then Vishti h. 23-01 **Moon:** in Tula **Age of Moon:** 5.9 **Declination of Sun:** N 16° 33' **Sidereal Time (noon):** h. 09-07-52s **Equation of time:** -5m 51s**Lagna Simha Begins:** Chennai h. 6-41 Delhi h. 6-35 Kolkata h. 5-58 Mumbai h. 7-04

Midday Central Station h.12-05-51s Chennai: h.12-14-52s Delhi: h.12-26-59s Kolkata: h.11-42-21s Mumbai: h.12-44-31s

Sayana Vaidhriti h. 23-19

Goswami Tulasidas Jayanti**Thursday, 17 Sravana, (ni) 24 Sravana, 8 August, 6 Zulhijja****Kali Ahargana:** 1870238 **Julian Day:** 2458703.5**Sunrise:** h. 5-34 **Sunset:** h. 18-38 **Moonrise:** h. 12-45 **Moonset:** h. 24-13**Tithi:** (Sravana Siukla) Ashtami h. 10-31 **Nakshatra:** Visakha h. 21-27 **Yoga:** Sukla (Sukra) h. 12-59 **Karana:** Bava h. 10-31 then Balava h. 22-11 **Moon:** in Tula, enters Vrischika h. 15-26 **Age of Moon:** 6.9 **Declination of Sun:** N 16° 17' **Sidereal Time (noon):** h. 09-11-41s **Equation of time:** -5m 44s**Lagna Simha Begins:** Chennai h. 6-37 Delhi h. 6-31 Kolkata h. 5-54 Mumbai h. 7-00

Midday Central Station h.12-05-44s Chennai: h.12-14-44s Delhi: h.12-26-52s Kolkata: h.11-42-13s Mumbai: h.12-44-23s

Friday, 18 Sravana, (ni) 25 Sravana, 9 August, 7 Zulhijja**Kali Ahargana:** 1870239 **Julian Day:** 2458704.5**Sunrise:** h. 5-34 **Sunset:** h. 18-37 **Moonrise:** h. 13-43 **Moonset:** h. 24-58**Tithi:** (Sravana Sukla) Navami h. 10-00 **Nakshatra:** Anuradha h. 21-58 **Yoga:** Brahma h. 11-36 **Karana:** Kaulava h. 10-00 then Taitila h. 22-00 **Moon:** in Vrischika **Age of Moon:** 7.9 **Declination of Sun:** N 16° 00' **Sidereal Time (noon):** h. 09-15-29s **Equation of time:** -5m 36s**Lagna Simha Begins:** Chennai h. 6-33 Delhi h. 6-27 Kolkata h. 5-50 Mumbai h. 6-56

Midday Central Station h.12-05-36s Chennai: h.12-14-36s Delhi: h.12-26-43s Kolkata: h.11-42-05s Mumbai: h.12-44-15s

Vara Maha Lakshmi Vrata (S.India)**Saturday, 19 Sravana, (ni) 26 Sravana, 10 August, 8 Zulhijja****Kali Ahargana:** 1870240 **Julian Day:** 2458705.5**Sunrise:** h. 5-34 **Sunset:** h. 18-36 **Moonrise:** h. 14-39 **Moonset:** h. 25-46**Tithi:** (Sravana Sukla) Dasami h. 10-09 **Nakshatra:** Jyestha h. 23-06 **Yoga:** Indra h. 10-44 **Karana:** Gara h. 10-09 then vanij h. 22-27 **Moon:** in Vrischika, enters Dhanus h. 23-06 **Age of Moon:** 8.9 **Declination of Sun:** N 15° 42' **Sidereal Time (noon):** h. 09-19-17s **Equation of time:** -5m 27s**Lagna Simha Begins:** Chennai h. 6-29 Delhi h. 6-23 Kolkata h. 5-46 Mumbai h. 6-52

Midday Central Station h.12-05-27s Chennai: h.12-14-28s Delhi: h.12-26-35s Kolkata: h.11-41-57s Mumbai: h.12-44-07s

Jhulana Yatrarambha (Pradosha), Tisha Beab (Jewish)

Sunday, 20 Sravana, (ni) 27 Sravana, 11 August, 9 Zuhijja**Kali Ahargana:** 1870241 **Julian Day:** 2458706.5**Sunrise:** h. 5-35 **Sunset:** h. 18-36 **Moonrise:** h. 15-34 **Moonset:** h. 26-35**Tithi:** (Sravana Sukla) Ekadasi h. 10-53 **Nakshatra:** Mula h. 24-45 **Yoga:** Vaidhriti h. 10-19 **Karana:** Vishti h. 10-53 then Bava h. 23-26 **Moon:** in Dhanus **Age of Moon:** 9.9 **Declination of Sun:** N 15° 25' **Sidereal Time (noon):** h. 09-23-05s **Equation of time:** -5m 18s**Lagna Simha Begins:** Chennai h. 6-25 Delhi h. 6-19 Kolkata h. 5-42 Mumbai h. 6-48

Midday Central Station h.12-05-18s Chennai: h.12-14-19s Delhi: h.12-26-26s Kolkata: h.11-41-48s Mumbai: h.12-43-58s

Jhulana Yatrarambha (Purvahna), **Pavitra Ekadasi****Monday, 21 Sravana, (ni) 28 Sravana, 12 August, 10 Zuhijja****Kali Ahargana:** 1870242 **Julian Day:** 2458707.5**Sunrise:** h. 5-35 **Sunset:** h. 18-35 **Moonrise:** h. 16-26 **Moonset:** h. 27-27**Tithi:** (Sravana Sukla) Dvadasi h. 12-07 **Nakshatra:** Purvasadha h. 26-51 **Yoga:** Viskumbha h. 10-19 **Karana:** Balava h. 12-07 then Kaulava h. 24-54 **Moon:** in Dhanus **Age of Moon:** 10.9 **Declination of Sun:** N 15° 07' **Sidereal Time (noon):** h. 09-26-51s **Equation of time:** -5m 08s**Lagna Simha Begins:** Chennai h. 6-21 Delhi h. 6-15 Kolkata h. 5-38 Mumbai h. 6-44

Midday Central Station h.12-05-08s Chennai: h.12-14-09s Delhi: h.12-26-16s Kolkata: h.11-41-38s Mumbai: h.12-43-48s

Id-uz-Zuha(Bakrid) (Moslem)**Tuesday, 22 Sravana, (ni) 29 Sravana, 13 August, 11 Zuhijja****Kali Ahargana:** 1870243 **Julian Day:** 2458708.5**Sunrise:** h. 5-36 **Sunset:** h. 18-34 **Moonrise:** h. 17-15 **Moonset:** h. 28-19**Tithi:** (Sravana Sukla) Trayodasi h. 13-47 **Nakshatra:** Uttarasadha h. 29-19 **Yoga:** Priti h. 10-38 **Karana:** Taitila h. 13-47 then Gara h. 26-44 **Moon:** in Dhanus, enters Makara h. 9-26 **Age of Moon:** 11.9 **Declination of Sun:** N 14° 49' **Sidereal Time (noon):** h. 09-30-37s **Equation of time:** -4m 58s**Lagna Simha Begins:** Chennai h. 6-18 Delhi h. 6-12 Kolkata h. 5-35 Mumbai h. 6-41

Midday Central Station h.12-04-58s Chennai: h.12-13-58s Delhi: h.12-26-05s Kolkata: h.11-41-27s Mumbai: h.12-43-37s

Wednesday, 23 Sravana, (ni) 30 Sravana, 14 August, 12 Zuhijja**Kali Ahargana:** 1870244 **Julian Day:** 2458709.5**Sunrise:** h. 5-36 **Sunset:** h. 18-33 **Moonrise:** h. 17-59 **Moonset:** h. 29-11**Tithi:** (Sravana Sukla) Chaturdasi h. 15-46 **Nakshatra:** Sravana ahoratra **Yoga:** Ayusman h. 11-13 **Karana:** vanij h. 15-46 then Vishti h. 28-51 **Moon:** in Makara **Age of Moon:** 12.9 **Declination of Sun:** N 14° 31' **Sidereal Time (noon):** h. 09-34-23s **Equation of time:** -4m 47s**Lagna Simha Begins:** Chennai h. 6-14 Delhi h. 6-08 Kolkata h. 5-31 Mumbai h. 6-37

Midday Central Station h.12-04-47s Chennai: h.12-13-47s Delhi: h.12-25-54s Kolkata: h.11-41-17s Mumbai: h.12-43-26s

Jhulanyatra Sampana (pradosa), **Naroli Purnima, Gatha Gahambar** (Parsi)**Thursday, 24 Sravana, (ni) 31 Sravana, 15 August, 13 Zuhijja****Kali Ahargana:** 1870245 **Julian Day:** 2458710.5**Sunrise:** h. 5-36 **Sunset:** h. 18-33 **Moonrise:** h. 18-40**Tithi:** (Sravana Sukla) Purnima h. 17-59 **Nakshatra:** Sravana h. 8-02 **Yoga:** Saubhagya h. 11-59 **Karana:** Bava h. 17-59 **Moon:** in Makara, enters Kumbha h. 21-28 **Age of Moon:** 13.9 **Declination of Sun:** N 14° 12' **Sidereal Time (noon):** h. 09-38-08s **Equation of time:** -4m 35s**Lagna Simha Begins:** Chennai h. 6-10 Delhi h. 6-04 Kolkata h. 5-27 Mumbai h. 6-33

Midday Central Station h.12-04-35s Chennai: h.12-13-36s Delhi: h.12-25-43s Kolkata: h.11-41-05s Mumbai: h.12-43-15s

Raksha Bandhan, Amarnath Yatra, Jhulanyatra Sampana(Purvahna), **Solono** (Rakhi Bandhan),**Avani Avittam**(S.India), **Sravani Purnima, Balabhadra Puja**(Odisha), **Independence Day, Rik Upakarma**

Friday, 25 Sravana, (ni) 1 Bhadra, 16 August, 14 Zulhijja**Kali Ahargana:** 1870246 **Julian Day:** 2458711.5**Sunrise:** h. 5-37 **Sunset:** h. 18-32 **Moonset:** h. 6-03 **Moonrise:** h. 19-18**Tithi:** (Sravana Krishna) Pratipad h. 20-22 **Nakshatra:** Dhanistha h. 10-56 **Yoga:** Sobhana h. 12-53 **Karana:** Balava h. 7-10 then Kaulava h. 20-22 **Moon:** in Kumbha **Age of Moon:** 14.9 **Declination of Sun:** N 13° 54' **Sidereal Time (noon):** h. 09-41-53s **Equation of time:** -4m 23s**Lagna Simha Begins:** Chennai h. 6-06 Delhi h. 6-00 Kolkata h. 5-23 Mumbai h. 6-29

Midday Central Station h.12-04-23s Chennai: h.12-13-24s Delhi: h.12-25-31s Kolkata: h.11-40-53s Mumbai: h.12-43-03s

Saura Bhadrapadadi h. 15-08

Parsi New Year's Eve**Saturday, 26 Sravana, (ni) 2 Bhadra, 17 August, 15 Zulhijja****Kali Ahargana:** 1870247 **Julian Day:** 2458712.5**Sunrise:** h. 5-37 **Sunset:** h. 18-31 **Moonset:** h. 6-54 **Moonrise:** h. 19-53**Tithi:** (Sravana Krishna) Dvitiya h. 22-49 **Nakshatra:** Satabhisaj h. 13-55 **Yoga:** Atiganda h. 13-51 **Karana:** Taitila h. 9-35 then Gara h. 22-49 **Moon:** in Kumbha **Age of Moon:** 15.9 **Declination of Sun:** N 13° 35' **Sidereal Time (noon):** h. 09-45-37s **Equation of time:** -4m 11s**Lagna Simha Begins:** Chennai h. 6-02 Delhi h. 5-56 Kolkata h. 5-19 Mumbai h. 6-25

Midday Central Station h.12-04-11s Chennai: h.12-13-11s Delhi: h.12-25-18s Kolkata: h.11-40-41s Mumbai: h.12-42-50s

Sun enters Nirayana Simha Rasi and Magha Nakshatra h. 13-02

Simhadi (Kerala), Manasa Puja ends (Bengal), Beginning of Kollam Era, Parsi New Years Day**Sunday, 27 Sravana, (ni) 3 Bhadra, 18 August, 16 Zulhijja****Kali Ahargana:** 1870248 **Julian Day:** 2458713.5**Sunrise:** h. 5-37 **Sunset:** h. 18-30 **Moonset:** h. 7-44 **Moonrise:** h. 20-27**Tithi:** (Sravana Krishna) Tritiya h. 25-14 **Nakshatra:** Purva Bhadrapada h. 16-55 **Yoga:** Sukarma h. 14-49 **Karana:** vanij h. 12-02 then Vishti h. 25-14 **Moon:** in Kumbha, enters Mina h. 10-10 **Age of Moon:** 16.9 **Declination of Sun:** N 13° 15' **Sidereal Time (noon):** h. 09-49-20s **Equation of time:** -3m 58s**Lagna Simha Begins:** Chennai h. 5-58 / 29-54 Delhi h. 5-52 / 29-48 Kolkata h. 5-15 / 29-11 Mumbai h. 6-21 / 30-17

Midday Central Station h.12-03-58s Chennai: h.12-12-58s Delhi: h.12-25-05s Kolkata: h.11-40-28s Mumbai: h.12-42-37s

Teejri (Sindhi)**Monday, 28 Sravana, (ni) 4 Bhadra, 19 August, 17 Zulhijja****Kali Ahargana:** 1870249 **Julian Day:** 2458714.5**Sunrise:** h. 5-38 **Sunset:** h. 18-29 **Moonset:** h. 8-33 **Moonrise:** h. 21-00**Tithi:** (Sravana Krishna) Chaturthi h. 27-30 **Nakshatra:** Uttara Bhadrapada h. 19-48 **Yoga:** Dhriti h. 15-43 **Karana:** Bava h. 14-24 then Balava h. 27-30 **Moon:** in Mina **Age of Moon:** 17.9 **Declination of Sun:** N 12° 56' **Sidereal Time (noon):** h. 09-53-03s **Equation of time:** -3m 44s**Lagna Simha Begins:** Chennai h. 29-50 Delhi h. 29-44 Kolkata h. 29-07 Mumbai h. 30-13

Midday Central Station h.12-03-44s Chennai: h.12-12-45s Delhi: h.12-24-52s Kolkata: h.11-40-14s Mumbai: h.12-42-24s

Bahula Chaturthi (Sankashtha Chaturthi)**Tuesday, 29 Sravana, (ni) 5 Bhadra, 20 August, 18 Zulhijja****Kali Ahargana:** 1870250 **Julian Day:** 2458715.5**Sunrise:** h. 5-38 **Sunset:** h. 18-28 **Moonset:** h. 9-23 **Moonrise:** h. 21-34**Tithi:** (Sravana Krishna) Panchami h. 29-31 **Nakshatra:** Revati h. 22-29 **Yoga:** Sula h. 16-27 **Karana:** Kaulava h. 16-33 then Taitila h. 29-31 **Moon:** in Mina, enters Mesha h. 22-29 **Age of Moon:** 18.9 **Declination of Sun:** N 12° 37' **Sidereal Time (noon):** h. 09-56-45s **Equation of time:** -3m 30s**Lagna Simha Begins:** Chennai h. 29-46 Delhi h. 29-40 Kolkata h. 29-03 Mumbai h. 30-09

Midday Central Station h.12-03-30s Chennai: h.12-12-31s Delhi: h.12-24-38s Kolkata: h.11-40-00s Mumbai: h.12-42-10s

Raksha Panchami (Odisha), Tithi of Sri Madhava Deva (Assam)

Wednesday, 30 Sravana, (ni) 6 Bhadra, 21 August, 19 Zulhijja**Kali Ahargana:** 1870251 **Julian Day:** 2458716.5**Sunrise:** h. 5-39 **Sunset:** h. 18-28 **Moonset:** h. 10-13 **Moonrise:** h. 22-08**Tithi:** (Sravana Krishna) Shashthi Ahoratra **Nakshatra:** Asvini h. 24-47 **Yoga:** Ganda h. 16-56 **Karana:** Gara h. 18-22 **Moon:** in Mesha **Age of Moon:** 19.9 **Declination of Sun:** N 12° 17' **Sidereal Time (noon):** h. 10-00-28s **Equation of time:** -3m 16s**Lagna** Simha Begins: Chennai h. 29-42 Delhi h. 29-36 Kolkata h. 28-59 Mumbai h. 30-05

Midday Central Station h.12-03-16s Chennai: h.12-12-16s Delhi: h.12-24-23s Kolkata: h.11-39-45s Mumbai: h.12-41-55s

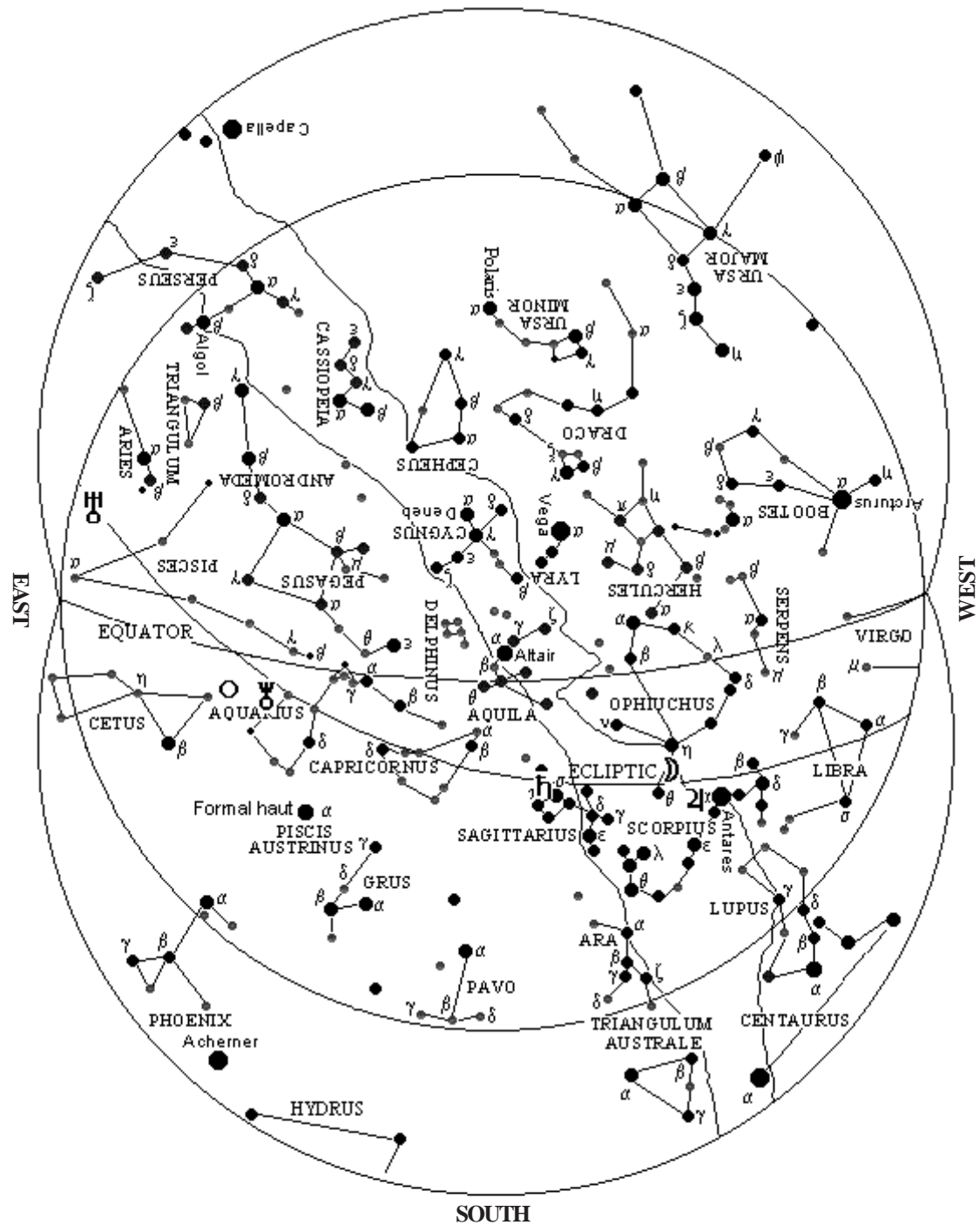
Sayana Vyatipata h. 14-00

Thursday, 31 Sravana, (ni) 7 Bhadra, 22 August, 20 Zulhijja**Kali Ahargana:** 1870252 **Julian Day:** 2458717.5**Sunrise:** h. 5-39 **Sunset:** h. 18-27 **Moonset:** h. 11-05 **Moonrise:** h. 22-45**Tithi:** (Sravana Krishna) Shashthi h. 7-06 **Nakshatra:** Bharani h. 26-36 **Yoga:** Vriddhi h. 17-03 **Karana:** vanij h. 7-06 then Vishti h. 19-42 **Moon:** in Mesha **Age of Moon:** 20.9 **Declination of Sun:** N 11° 57' **Sidereal Time (noon):** h. 10-04-09s **Equation of time:** -3m 01s**Lagna** Simha Begins: Chennai h. 29-38 Delhi h. 29-32 Kolkata h. 28-55 Mumbai h. 30-01

Midday Central Station h.12-03-01s Chennai: h.12-12-01s Delhi: h.12-24-08s Kolkata: h.11-39-31s Mumbai: h.12-41-40s

Khordad Sal (Birthday of Prophet Zarhost)(Parsi)

**STAR CHART FOR THE MONTH OF SEPTEMBER, 2019 (10 BHADRA - 8 ASVINA) 0° TO 40°N
NORTH**



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 14TH ♃ JUPITER ♅ URANUS
 ☾ FIRST QUARTER 6TH ♄ SATURN ♆ NEPTUNE

Month of BHADRA : 31 days :: Vedic Month : Isha (Kanya)

Nirayana months: 8 Bhadra, 5120 Kali to 7 Asvina, 5120 Kali :: 24 and 7 days

Sarat Ritu : 1st Month :: Dakshinayana : Uttara Gola

Sun in Simha, enters Kanya on 26th :: Ayanamsa on 1st Bhadra : 24° 07' 38"

Kali Ahargana : 1870253 - 1870283, *Julian Day* : 2458718.5 - 2458748.5

(Nirayana) Asvina begins on 25 Bhadra, 16 September, 2019

Friday, 1 Bhadra, (ni) 8 Bhadra, 23 August, 21 Zulhijja

Kali Ahargana: 1870253 **Julian Day:** 2458718.5

Sunrise: h. 5-39 **Sunset:** h. 18-26 **Moonset:** h. 11-59 **Moonrise:** h. 23-26

Tithi: (Sravana Krishna) Saptami h. 8-09 **Nakshatra:** Krittika h. 27-47 **Yoga:** Dhruva h. 16-41 **Karana:** Bava h. 8-09 then Balava h. 20-26 **Moon:** in Mesha, enters Vrisha h. 8-58 **Age of Moon:** 21.9 **Declination of Sun:** N 11° 37' **Sidereal Time (noon):** h. 10-07-50s **Equation of time:** -2m 45s

Lagna Simha Begins: Chennai h. 29-34 Delhi h. 29-28 Kolkata h. 28-51 Mumbai h. 29-57

Midday Central Station h.12-02-45s Chennai: h.12-11-46s Delhi: h.12-23-53s Kolkata: h.11-39-15s Mumbai: h.12-41-25s

Sun Enters Trop Virgo h. 15-32

Janmashtami (Smarta), **Vadi Thadri** (Sindhi), **Sri Krishna Jayanti** (Tamil Nadu, Kerala, Assam)

Saturday, 2 Bhadra, (ni) 9 Bhadra, 24 August, 22 Zulhijja

Kali Ahargana: 1870254 **Julian Day:** 2458719.5

Sunrise: h. 5-40 **Sunset:** h. 18-25 **Moonset:** h. 12-55 **Moonrise:** h. 24-11

Tithi: (Sravana Krishna) Ashtami h. 8-32 **Nakshatra:** Rohini h. 28-16 **Yoga:** Vyaghata h. 15-47 **Karana:** Kaulava h. 8-32 then Taitila h. 20-27 **Moon:** in Vrisha **Age of Moon:** 22.9 **Declination of Sun:** N 11° 16' **Sidereal Time (noon):** h. 10-11-31s **Equation of time:** -2m 29s

Lagna Simha Begins: Chennai h. 29-30 Delhi h. 29-24 Kolkata h. 28-47 Mumbai h. 29-53

Midday Central Station h.12-02-29s Chennai: h.12-11-30s Delhi: h.12-23-37s Kolkata: h.11-38-59s Mumbai: h.12-41-09s

Janmashtami (Vaishnava), **Gokulashtami** (Nandotsava), **Sri Jayanti** (Ramanuja)

Sunday, 3 Bhadra, (ni) 10 Bhadra, 25 August, 23 Zulhijja

Kali Ahargana: 1870255 **Julian Day:** 2458720.5

Sunrise: h. 5-40 **Sunset:** h. 18-24 **Moonset:** h. 13-54 **Moonrise:** h. 25-02

Tithi: (Sravana Krishna) Navami h. 8-11 **Nakshatra:** Mrigasiras h. 27-59 **Yoga:** Harshana h. 14-17 **Karana:** Gara h. 8-11 then vanij h. 19-43 **Moon:** in Vrisha, enters Mithuna h. 16-13 **Age of Moon:** 23.9 **Declination of Sun:** N 10° 56' **Sidereal Time (noon):** h. 10-15-11s **Equation of time:** -2m 13s

Lagna Simha Begins: Chennai h. 29-26 Delhi h. 29-20 Kolkata h. 28-43 Mumbai h. 29-49

Midday Central Station h.12-02-13s Chennai: h.12-11-14s Delhi: h.12-23-21s Kolkata: h.11-38-43s Mumbai: h.12-40-53s

Monday, 4 Bhadra, (ni) 11 Bhadra, 26 August, 24 Zulhijja

Kali Ahargana: 1870256 **Julian Day:** 2458721.5

Sunrise: h. 5-40 **Sunset:** h. 18-23 **Moonset:** h. 14-53 **Moonrise:** h. 25-59

Tithi: (Sravana Krishna) Dasami h. 7-03 then Ekadasi h. 29-10 **Nakshatra:** Ardra h. 26-56 **Yoga:** Vajra h. 12-10 **Karana:** Vishti h. 7-03, Bava h. 18-12 then Balava h. 29-10 **Moon:** in Mithuna **Age of Moon:** 24.9 **Declination of Sun:** N 10° 35' **Sidereal Time (noon):** h. 10-18-51s **Equation of time:** -1m 57s

Lagna Simha Begins: Chennai h. 29-22 Delhi h. 29-16 Kolkata h. 28-39 Mumbai h. 29-45

Midday Central Station h.12-01-57s Chennai: h.12-10-57s Delhi: h.12-23-04s Kolkata: h.11-38-27s Mumbai: h.12-40-36s

Paryusana Parvarambha (Chaturthi Paksha-Jain), **Aja Ekadasi** (Smarta)

Tuesday, 5 Bhadra, (ni) 12 Bhadra, 27 August, 25 Zulhijja**Kali Ahargana:** 1870257 **Julian Day:** 2458722.5**Sunrise:** h. 5-41 **Sunset:** h. 18-22 **Moonset:** h. 15-53 **Moonrise:** h. 27-02

Tithi: (Sravana Krishna) Dvadasi h. 26-36 **Nakshatra:** Punarvasu h. 25-13 **Yoga:** Siddhi (Asrik) h. 9-26 **Karana:** Kaulava h. 15-58 then Taitila h. 26-36 **Moon:** in Mithuna, enters Karkata h. 19-42 **Age of Moon:** 25.9 **Declination of Sun:** N 10° 14' **Sidereal Time (noon):** h. 10-22-31s **Equation of time:** -1m 40s

Lagna Simha Begins: Chennai h. 29-19 Delhi h. 29-13 Kolkata h. 28-36 Mumbai h. 29-42

Midday Central Station h.12-01-40s Chennai: h.12-10-40s Delhi: h.12-22-47s Kolkata: h.11-38-10s Mumbai: h.12-40-19s

Paryusana Parvarambha (Panchami Paksha-jain), **Ekadasi** (Vaishnava & Vidharva)**Wednesday, 6 Bhadra, (ni) 13 Bhadra, 28 August, 26 Zulhijja****Kali Ahargana:** 1870258 **Julian Day:** 2458723.5**Sunrise:** h. 5-41 **Sunset:** h. 18-21 **Moonset:** h. 16-50 **Moonrise:** h. 28-08

Tithi: (Sravana Krishna) Trayodasi h. 23-29 **Nakshatra:** Pushya h. 22-55 **Yoga:** Vyatipata h. 6-10 then Variyan h. 26-27 **Karana:** Gara h. 13-06 then vanij h. 23-29 **Moon:** in Karkata **Age of Moon:** 26.9 **Declination of Sun:** N 9° 53' **Sidereal Time (noon):** h. 10-26-10s **Equation of time:** -1m 22s

Lagna Simha Begins: Chennai h. 29-15 Delhi h. 29-09 Kolkata h. 28-32 Mumbai h. 29-38

Midday Central Station h.12-01-22s Chennai: h.12-10-23s Delhi: h.12-22-30s Kolkata: h.11-37-52s Mumbai: h.12-40-02s

Kailash Yatra 2 days

Thursday, 7 Bhadra, (ni) 14 Bhadra, 29 August, 27 Zulhijja**Kali Ahargana:** 1870259 **Julian Day:** 2458724.5**Sunrise:** h. 5-41 **Sunset:** h. 18-20 **Moonset:** h. 17-44 **Moonrise:** h. 29-16

Tithi: (Sravana Krishna) Chaturdasi h. 19-56 **Nakshatra:** Aslesha h. 20-11 **Yoga:** Parigha h. 22-23 **Karana:** Vishti h. 9-45 then Sakuni h. 19-56 **Moon:** in Karkata, enters Simha h. 20-11 **Age of Moon:** 27.9 **Declination of Sun:** N 9° 32' **Sidereal Time (noon):** h. 10-29-49s **Equation of time:** -1m 05s

Lagna Simha Begins: Chennai h. 29-11 Delhi h. 29-05 Kolkata h. 28-28 Mumbai h. 29-34

Midday Central Station h.12-01-05s Chennai: h.12-10-05s Delhi: h.12-22-12s Kolkata: h.11-37-35s Mumbai: h.12-39-44s

Aghora Chaturdasi, Pithori**Friday, 8 Bhadra, (ni) 15 Bhadra, 30 August, 28 Zulhijja****Kali Ahargana:** 1870260 **Julian Day:** 2458725.5**Sunrise:** h. 5-42 **Sunset:** h. 18-20 **Moonset:** h. 18-33

Tithi: (Sravana Krishna) Amavasya h. 16-07 **Nakshatra:** Magha h. 17-11 **Yoga:** Siva h. 18-08 **Karana:** Chatuspada h. 6-03, Naga h. 16-07 then Kinstughna h. 26-10 **Moon:** in Simha **Age of Moon:** 28.9 ● **Declination of Sun:** N 9° 11' **Sidereal Time (noon):** h. 10-33-27s **Equation of time:** -0m 47s

Lagna Simha Begins: Chennai h. 29-07 Delhi h. 29-01 Kolkata h. 28-24 Mumbai h. 29-30

Midday Central Station h.12-00-47s Chennai: h.12-09-47s Delhi: h.12-21-54s Kolkata: h.11-37-17s Mumbai: h.12-39-26s

Saptapuri Amavasya (Odisha), **Kusotpattini, Jain festival****Saturday, 9 Bhadra, (ni) 16 Bhadra, 31 August, 29 Zulhijja****Kali Ahargana:** 1870261 **Julian Day:** 2458726.5**Sunrise:** h. 5-42 **Sunset:** h. 18-19 **Moonrise:** h. 6-23 **Moonset:** h. 19-19

Tithi: (Bhadra Sukla) Pratipad h. 12-14 **Nakshatra:** Purva Phalguni h. 14-07 **Yoga:** Siddha h. 13-49 **Karana:** Bava h. 12-14 then Balava h. 22-19 **Moon:** in Simha, enters Kanya h. 19-22 **Age of Moon:** 0.6 **Declination of Sun:** N 8° 49' **Sidereal Time (noon):** h. 10-37-05s **Equation of time:** -0m 28s

Lagna Simha Begins: Chennai h. 29-03 Delhi h. 28-57 Kolkata h. 28-20 Mumbai h. 29-26

Midday Central Station h.12-00-28s Chennai: h.12-09-29s Delhi: h.12-21-36s Kolkata: h.11-36-58s Mumbai: h.12-39-08s

Sun enters Purva Phalguni Nakshatra h. 9-00

Sunday, 10 Bhadra, (ni) 17 Bhadra, 1 September, 1 Muharram

Kali Ahargana: 1870262 **Julian Day:** 2458727.5

Sunrise: h. 5-42 **Sunset:** h. 18-18 **Moonrise:** h. 7-29 **Moonset:** h. 20-02

Tithi: (Bhadra Sukla) Dvitiya h. 8-27 then Tritiya h. 28-57 **Nakshatra:** Uttara Phalguni h. 11-11 **Yoga:** Sadhya h. 9-36 then Subha h. 29-38 **Karana:** Kaulava h. 8-27, Taitila h. 18-39 then Gara h. 28-57 **Moon:** in Kanya **Age of Moon:** 1.6 **Declination of Sun:** N 8° 28' **Sidereal Time (noon):** h. 10-40-43s **Equation of time:** -0m 10s

Lagna Simha Begins: Chennai h. 28-59 Delhi h. 28-53 Kolkata h. 28-16 Mumbai h. 29-22

Midday Central Station h.12-00-10s Chennai: h.12-09-10s Delhi: h.12-21-17s Kolkata: h.11-36-40s Mumbai: h.12-38-49s

Haritalika Gauri Tritiya, Tithi of Shri Shankara Deva(Assam), **Beginning of Hijira Era 1441** (Moslem)

Monday, 11 Bhadra, (ni) 18 Bhadra, 2 September, 2 Muharram

Kali Ahargana: 1870263 **Julian Day:** 2458728.5

Sunrise: h. 5-43 **Sunset:** h. 18-17 **Moonrise:** h. 8-32 **Moonset:** h. 20-44

Tithi: (Bhadra Sukla) Chaturthi h. 25-54 **Nakshatra:** Hasta h. 8-33 **Yoga:** Sukla (Sukra) h. 26-03 **Karana:** Vanij h. 15-21 then Vishti h. 25-54 **Moon:** in Kanya, enters Tula h. 19-24 **Age of Moon:** 2.6 **Declination of Sun:** N 8° 06' **Sidereal Time (noon):** h. 10-44-21s **Equation of time:** 0m 09s

Lagna Simha Begins: Chennai h. 28-55 Delhi h. 28-49 Kolkata h. 28-12 Mumbai h. 29-18

Midday Central Station h.11-59-51s Chennai: h.12-08-51s Delhi: h.12-20-58s Kolkata: h.11-36-21s Mumbai: h.12-38-30s

Sayana Vaidhriti h. 13-26

Ganesh Chaturthi, Vinayaka Chaturthi (Tamil Nadu), **Samvatsari** (Chaturthi Paksha-Jain), **Haritalika Chaturthi**

Tuesday, 12 Bhadra, (ni) 19 Bhadra, 3 September, 3 Muharram

Kali Ahargana: 1870264 **Julian Day:** 2458729.5

Sunrise: h. 5-43 **Sunset:** h. 18-16 **Moonrise:** h. 9-35 **Moonset:** h. 21-27

Tithi: (Bhadra Sukla) Panchami h. 23-28 **Nakshatra:** Chitra h. 6-24 then Svati h. 28-53 **Yoga:** Brahma h. 22-59 **Karana:** Bava h. 12-36 then Balava h. 23-28 **Moon:** in Tula **Age of Moon:** 3.6 **Declination of Sun:** N 7° 44' **Sidereal Time (noon):** h. 10-47-58s **Equation of time:** 0m 29s

Lagna Kanya Begins: Chennai h. 6-58 Delhi h. 7-07 Kolkata h. 6-24 Mumbai h. 7-27

Midday Central Station h.11-59-31s Chennai: h.12-08-32s Delhi: h.12-20-39s Kolkata: h.11-36-01s Mumbai: h.12-38-11s

Samvatsari (Panchami Paksha-Jain), **Keil Muhurth** (Coorg), **Rishi Panchami, Mela Pat-3 Days** (Jammu & Kashmir)

Wednesday, 13 Bhadra, (ni) 20 Bhadra, 4 September, 4 Muharram

Kali Ahargana: 1870265 **Julian Day:** 2458730.5

Sunrise: h. 5-43 **Sunset:** h. 18-15 **Moonrise:** h. 10-36 **Moonset:** h. 22-10

Tithi: (Bhadra Sukla) Shashthi h. 21-45 **Nakshatra:** Visakha h. 28-07 **Yoga:** Indra h. 20-29 **Karana:** Kaulava h. 10-31 then Taitila h. 21-45 **Moon:** in Tula, enters Vrischika h. 22-15 **Age of Moon:** 4.6 **Declination of Sun:** N 7° 22' **Sidereal Time (noon):** h. 10-51-35s **Equation of time:** 0m 48s

Lagna Kanya Begins: Chennai h. 6-54 Delhi h. 7-03 Kolkata h. 6-20 Mumbai h. 7-23

Midday Central Station h.11-59-12s Chennai: h.12-08-12s Delhi: h.12-20-19s Kolkata: h.11-35-42s Mumbai: h.12-37-51s

Surya Shasthi

Thursday, 14 Bhadra, (ni) 21 Bhadra, 5 September, 5 Muharram

Kali Ahargana: 1870266 **Julian Day:** 2458731.5

Sunrise: h. 5-44 **Sunset:** h. 18-14 **Moonrise:** h. 11-36 **Moonset:** h. 22-55

Tithi: (Bhadra Sukla) Saptami h. 20-50 **Nakshatra:** Anuradha h. 28-09 **Yoga:** Vaidhriti h. 18-38 **Karana:** Gara h. 9-11 then vanij h. 20-50 **Moon:** in Vrischika **Age of Moon:** 5.6 **Declination of Sun:** N 7° 00' **Sidereal Time (noon):** h. 10-55-11s **Equation of time:** 1m 08s

Lagna Kanya Begins: Chennai h. 6-50 Delhi h. 6-59 Kolkata h. 6-16 Mumbai h. 7-19

Midday Central Station h.11-58-52s Chennai: h.12-07-52s Delhi: h.12-19-59s Kolkata: h.11-35-22s Mumbai: h.12-37-31s

Friday, 15 Bhadra, (ni) 22 Bhadra, 6 September, 6 Muharram**Kali Ahargana:** 1870267 **Julian Day:** 2458732.5**Sunrise:** h. 5-44 **Sunset:** h. 18-13 **Moonrise:** h. 12-34 **Moonset:** h. 23-42**Tithi:** (Bhadra Siukla) Ashtami h. 20-43 **Nakshatra:** Jyestha h. 28-58 **Yoga:** Viskumbha h. 17-25 **Karana:** Vishti h. 8-40 then Bava h. 20-43 **Moon:** in Vrischika, enters Dhanus h. 28-58 **Age of Moon:** 6.6 D **Declination of Sun:** N 6° 38' **Sidereal Time (noon):** h. 10-58-48s **Equation of time:** 1m 28s**Lagna Kanya Begins:** Chennai h. 6-46 Delhi h. 6-55 Kolkata h. 6-12 Mumbai h. 7-15

Midday Central Station h.11-58-32s Chennai: h.12-07-32s Delhi: h.12-19-39s Kolkata: h.11-35-02s Mumbai: h.12-37-11s

Radhashtami, Durvashtami, Mahalakshmi-vratambha**Saturday, 16 Bhadra, (ni) 23 Bhadra, 7 September, 7 Muharram****Kali Ahargana:** 1870268 **Julian Day:** 2458733.5**Sunrise:** h. 5-44 **Sunset:** h. 18-12 **Moonrise:** h. 13-30 **Moonset:** h. 24-31**Tithi:** (Bhadra Sukla) Navami h. 21-22 **Nakshatra:** Mula ahoratra **Yoga:** Priti h. 16-49 **Karana:** Balava h. 8-57 then Kaulava h. 21-22 **Moon:** in Dhanus **Age of Moon:** 7.6 **Declination of Sun:** N 6° 15' **Sidereal Time (noon):** h. 11-02-24s **Equation of time:** 1m 49s**Lagna Kanya Begins:** Chennai h. 6-42 Delhi h. 6-51 Kolkata h. 6-08 Mumbai h. 7-11

Midday Central Station h.11-58-11s Chennai: h.12-07-12s Delhi: h.12-19-19s Kolkata: h.11-34-41s Mumbai: h.12-36-51s

Sunday, 17 Bhadra, (ni) 24 Bhadra, 8 September, 8 Muharram**Kali Ahargana:** 1870269 **Julian Day:** 2458734.5**Sunrise:** h. 5-45 **Sunset:** h. 18-11 **Moonrise:** h. 14-23 **Moonset:** h. 25-23**Tithi:** (Bhadra Sukla) Dasami h. 22-41 **Nakshatra:** Mula h. 6-29 **Yoga:** Ayusman h. 16-45 **Karana:** Taitila h. 9-57 then Gara h. 22-41 **Moon:** in Dhanus **Age of Moon:** 8.6 **Declination of Sun:** N 5° 53' **Sidereal Time (noon):** h. 11-06-00s **Equation of time:** 2m 09s**Lagna Kanya Begins:** Chennai h. 6-38 Delhi h. 6-47 Kolkata h. 6-04 Mumbai h. 7-07

Midday Central Station h.11-57-51s Chennai: h.12-06-51s Delhi: h.12-18-58s Kolkata: h.11-34-21s Mumbai: h.12-36-30s

Venus rises in west h. 28-39

Monday, 18 Bhadra, (ni) 25 Bhadra, 9 September, 9 Muharram**Kali Ahargana:** 1870270 **Julian Day:** 2458735.5**Sunrise:** h. 5-45 **Sunset:** h. 18-10 **Moonrise:** h. 15-13 **Moonset:** h. 26-14**Tithi:** (Bhadra Sukla) Ekadasi h. 24-31 **Nakshatra:** Purvasadha h. 8-36 **Yoga:** Saubhagya h. 17-06 **Karana:** vanij h. 11-33 then Vishti h. 24-31 **Moon:** in Dhanus, enters Makara h. 15-12 **Age of Moon:** 9.6 **Declination of Sun:** N 5° 30' **Sidereal Time (noon):** h. 11-09-36s **Equation of time:** 2m 30s**Lagna Kanya Begins:** Chennai h. 6-34 Delhi h. 6-43 Kolkata h. 6-00 Mumbai h. 7-03

Midday Central Station h.11-57-30s Chennai: h.12-06-31s Delhi: h.12-18-38s Kolkata: h.11-34-00s Mumbai: h.12-36-09s

Dol gyaras (M.P.), Heikra Hitambha (Manipur), Parsva Parivartani Ekadasi**Tuesday, 19 Bhadra, (ni) 26 Bhadra, 10 September, 10 Muharram****Kali Ahargana:** 1870271 **Julian Day:** 2458736.5**Sunrise:** h. 5-45 **Sunset:** h. 18-09 **Moonrise:** h. 15-58 **Moonset:** h. 27-07**Tithi:** (Bhadra Sukla) Dvadasi h. 26-43 **Nakshatra:** Uttarasadha h. 11-09 **Yoga:** Sobhana h. 17-45 **Karana:** Bava h. 13-35 then Balava h. 26-43 **Moon:** in Makara **Age of Moon:** 10.6 **Declination of Sun:** N 5° 08' **Sidereal Time (noon):** h. 11-13-11s **Equation of time:** 2m 51s**Lagna Kanya Begins:** Chennai h. 6-30 Delhi h. 6-39 Kolkata h. 5-56 Mumbai h. 6-59

Midday Central Station h.11-57-09s Chennai: h.12-06-10s Delhi: h.12-18-17s Kolkata: h.11-33-39s Mumbai: h.12-35-48s

First Onam day, Sravana Dvadasi, Vamanajayanti, Sakrotthana, Muharram (Moslem)

Wednesday, 20 Bhadra, (ni) 27 Bhadra, 11 September, 11 Muharram**Kali Ahargana:** 1870272 **Julian Day:** 2458737.5**Sunrise:** h. 5-45 **Sunset:** h. 18-08 **Moonrise:** h. 16-40 **Moonset:** h. 27-59**Tithi:** (Bhadra Sukla) Trayodasi h. 29-07 **Nakshatra:** Sravana h. 13-59 **Yoga:** Atiganda h. 18-36 **Karana:** Kaulava h. 15-54 then Taitila h. 29-07 **Moon:** in Makara, enters Kumbha h. 27-28 **Age of Moon:** 11.6 **Declination of Sun:** N 4° 45' **Sidereal Time (noon):** h. 11-16-46s **Equation of time:** 3m 12s**Lagna Kanya Begins:** Chennai h. 6-26 Delhi h. 6-35 Kolkata h. 5-52 Mumbai h. 6-55

Midday Central Station h.11-56-48s Chennai: h.12-05-49s Delhi: h.12-17-56s Kolkata: h.11-33-18s Mumbai: h.12-35-27s

Onam or Thiru Onam Day**Thursday, 21 Bhadra, (ni) 28 Bhadra, 12 September, 12 Muharram****Kali Ahargana:** 1870273 **Julian Day:** 2458738.5**Sunrise:** h. 5-46 **Sunset:** h. 18-07 **Moonrise:** h. 17-19 **Moonset:** h. 28-50**Tithi:** (Bhadra Sukla) Chaturdasi ahoratra **Nakshatra:** Dhanistha h. 16-58 **Yoga:** Sukarma h. 19-33 **Karana:** Gara h. 18-21 **Moon:** in Kumbha **Age of Moon:** 12.6 **Declination of Sun:** N 4° 22' **Sidereal Time (noon):** h. 11-20-22s **Equation of time:** 3m 33s**Lagna Kanya Begins:** Chennai h. 6-22 Delhi h. 6-31 Kolkata h. 5-48 Mumbai h. 6-51

Midday Central Station h.11-56-27s Chennai: h.12-05-27s Delhi: h.12-17-34s Kolkata: h.11-32-57s Mumbai: h.12-35-06s

Third Onam Day, Ananta Chaturdasi**Friday, 22 Bhadra, (ni) 29 Bhadra, 13 September, 13 Muharram****Kali Ahargana:** 1870274 **Julian Day:** 2458739.5**Sunrise:** h. 5-46 **Sunset:** h. 18-06 **Moonrise:** h. 17-54 **Moonset:** h. 29-40**Tithi:** (Bhadra Sukla) Chaturdasi h. 7-35 **Nakshatra:** Satabhisaj h. 19-59 **Yoga:** Dhriti h. 20-30 **Karana:** vanij h. 7-35 then Vishti h. 20-50 **Moon:** in Kumbha **Age of Moon:** 13.6 **Declination of Sun:** N 3° 59' **Sidereal Time (noon):** h. 11-23-57s **Equation of time:** 3m 55s**Lagna Kanya Begins:** Chennai h. 6-19 Delhi h. 6-28 Kolkata h. 5-45 Mumbai h. 6-48

Midday Central Station h.11-56-05s Chennai: h.12-05-06s Delhi: h.12-17-13s Kolkata: h.11-32-35s Mumbai: h.12-34-45s

Sun Enters Uttara Phalguni Nakshatra h. 26-54

Sri Narayana Guru Dev's Birthday (Kerala), Fourth Onam Day, Indra Purnima**Saturday, 23 Bhadra, (ni) 30 Bhadra, 14 September, 14 Muharram****Kali Ahargana:** 1870275 **Julian Day:** 2458740.5**Sunrise:** h. 5-46 **Sunset:** h. 18-05 **Moonrise:** h. 18-28**Tithi:** (Bhadra Sukla) Purnima h. 10-03 **Nakshatra:** Purva Bhadrapada h. 22-55 **Yoga:** Sula h. 21-25 **Karana:** Bava h. 10-03 then Balava h. 23-15 **Moon:** in Kumbha, enters Mina h. 16-12 **Age of Moon:** 14.6 **Declination of Sun:** N 3° 36' **Sidereal Time (noon):** h. 11-27-32s **Equation of time:** 4m 16s**Lagna Kanya Begins:** Chennai h. 6-15 Delhi h. 6-24 Kolkata h. 5-41 Mumbai h. 6-44

Midday Central Station h.11-55-44s Chennai: h.12-04-45s Delhi: h.12-16-52s Kolkata: h.11-32-14s Mumbai: h.12-34-23s

Pitri Paksha Tarpana Begins, Yaju Upakarma**Sunday, 24 Bhadra, (ni) 31 Bhadra, 15 September, 15 Muharram****Kali Ahargana:** 1870276 **Julian Day:** 2458741.5**Sunrise:** h. 5-47 **Sunset:** h. 18-04 **Moonset:** h. 6-30 **Moonrise:** h. 19-02**Tithi:** (Bhadra Krishna) Pratipad h. 12-24 **Nakshatra:** Uttara Bhadrapada h. 25-44 **Yoga:** Ganda h. 22-13 **Karana:** Kaulava h. 12-24 then Taitila h. 25-31 **Moon:** in Mina **Age of Moon:** 15.6 **Declination of Sun:** N 3° 13' **Sidereal Time (noon):** h. 11-31-07s **Equation of time:** 4m 37s**Lagna Kanya Begins:** Chennai h. 6-11 Delhi h. 6-20 Kolkata h. 5-37 Mumbai h. 6-40

Midday Central Station h.11-55-23s Chennai: h.12-04-23s Delhi: h.12-16-30s Kolkata: h.11-31-53s Mumbai: h.12-34-02s

Sayana Vyatipata h. 19-15

Gayatri Japam

Monday, 25 Bhadra, (ni) 1 Asvina, 16 September, 16 Muharram**Kali Ahargana:** 1870277 **Julian Day:** 2458742.5**Sunrise:** h. 5-47 **Sunset:** h. 18-03 **Moonset:** h. 7-20 **Moonrise:** h. 19-35**Tithi:** (Bhadra Krishna) Dvitiya h. 14-36 **Nakshatra:** Revati h. 28-22 **Yoga:** Vriddhi h. 22-53 **Karana:** Gara h. 14-36 then vanij h. 27-36 **Moon:** in Mina, enters Mesha h. 28-22 **Age of Moon:** 16.6 **Declination of Sun:** N 2° 50' **Sidereal Time (noon):** h. 11-34-42s **Equation of time:** 4m 59s**Lagna Kanya Begins:** Chennai h. 6-07 Delhi h. 6-16 Kolkata h. 5-33 Mumbai h. 6-36

Midday Central Station h.11-55-01s Chennai: h.12-04-02s Delhi: h.12-16-09s Kolkata: h.11-31-31s Mumbai: h.12-33-40s

Saura Asvinadi h. 15-26

Tuesday, 26 Bhadra, (ni) 2 Asvina, 17 September, 17 Muharram**Kali Ahargana:** 1870278 **Julian Day:** 2458743.5**Sunrise:** h. 5-47 **Sunset:** h. 18-02 **Moonset:** h. 8-09 **Moonrise:** h. 20-09**Tithi:** (Bhadra Krishna) Tritiya h. 16-33 **Nakshatra:** Asvini ahoratra **Yoga:** Dhruva h. 23-21 **Karana:** Vishti h. 16-33 then Bava h. 29-25 **Moon:** in Mesha **Age of Moon:** 17.6 **Declination of Sun:** N 2° 27' **Sidereal Time (noon):** h. 11-38-17s **Equation of time:** 5m 20s**Lagna Kanya Begins:** Chennai h. 6-03 Delhi h. 6-12 Kolkata h. 5-29 Mumbai h. 6-32

Midday Central Station h.11-54-40s Chennai: h.12-03-40s Delhi: h.12-15-47s Kolkata: h.11-31-10s Mumbai: h.12-33-19s

Sun enters Nirayana Kanya Rasi h. 13-03

Vishwakarma Puja**Wednesday, 27 Bhadra, (ni) 3 Asvina, 18 September, 18 Muharram****Kali Ahargana:** 1870279 **Julian Day:** 2458744.5**Sunrise:** h. 5-48 **Sunset:** h. 18-01 **Moonset:** h. 9-01 **Moonrise:** h. 20-44**Tithi:** (Bhadra Krishna) Chaturthi h. 18-12 **Nakshatra:** Asvini h. 6-44 **Yoga:** Vyaghata h. 23-33 **Karana:** Balava h. 18-12 **Moon:** in Mesha **Age of Moon:** 18.6 **Declination of Sun:** N 2° 04' **Sidereal Time (noon):** h. 11-41-52s **Equation of time:** 5m 42s**Lagna Kanya Begins:** Chennai h. 5-59 / 29-55 Delhi h. 6-08 / 30-04 Kolkata h. 5-25 / 29-21 Mumbai h. 6-28 / 30-24

Midday Central Station h.11-54-18s Chennai: h.12-03-19s Delhi: h.12-15-26s Kolkata: h.11-30-48s Mumbai: h.12-32-57s

Thursday, 28 Bhadra, (ni) 4 Asvina, 19 September, 19 Muharram**Kali Ahargana:** 1870280 **Julian Day:** 2458745.5**Sunrise:** h. 5-48 **Sunset:** h. 18-00 **Moonset:** h. 9-53 **Moonrise:** h. 21-23**Tithi:** (Bhadra Krishna) Panchami h. 19-27 **Nakshatra:** Bharani h. 8-45 **Yoga:** Harshana h. 23-26 **Karana:** Kaulava h. 6-53 then Taitila h. 19-27 **Moon:** in Mesha, enters Vrisha h. 15-11 **Age of Moon:** 19.6 **Declination of Sun:** N 1° 41' **Sidereal Time (noon):** h. 11-45-27s **Equation of time:** 6m 03s**Lagna Kanya Begins:** Chennai h. 29-51 Delhi h. 30-00 Kolkata h. 29-17 Mumbai h. 30-20

Midday Central Station h.11-53-57s Chennai: h.12-02-57s Delhi: h.12-15-04s Kolkata: h.11-30-27s Mumbai: h.12-32-36s

Friday, 29 Bhadra, (ni) 5 Asvina, 20 September, 20 Muharram**Kali Ahargana:** 1870281 **Julian Day:** 2458746.5**Sunrise:** h. 5-48 **Sunset:** h. 17-59 **Moonset:** h. 10-48 **Moonrise:** h. 22-06**Tithi:** (Bhadra Krishna) Shashthi h. 20-12 **Nakshatra:** Krittika h. 10-20 **Yoga:** Vajra h. 22-56 **Karana:** Gara h. 7-53 then vanij h. 20-12 **Moon:** in Vrisha **Age of Moon:** 20.6 **Declination of Sun:** N 1° 18' **Sidereal Time (noon):** h. 11-49-02s **Equation of time:** 6m 25s**Lagna Kanya Begins:** Chennai h. 29-47 Delhi h. 29-56 Kolkata h. 29-13 Mumbai h. 30-16

Midday Central Station h.11-53-35s Chennai: h.12-02-36s Delhi: h.12-14-43s Kolkata: h.11-30-05s Mumbai: h.12-32-15s

Saturday, 30 Bhadra, (ni) 6 Asvina, 21 September, 21 Muharram

Kali Ahargana: 1870282 **Julian Day:** 2458747.5

Sunrise: h. 5-48 **Sunset:** h. 17-58 **Moonset:** h. 11-44 **Moonrise:** h. 22-53

Tithi: (Bhadra Krishna) Saptami h. 20-21 **Nakshatra:** Rohini h. 11-22 **Yoga:** Siddhi (Asrik) h. 21-56 **Karana:** Vishti h. 8-21 then Bava h. 20-21 **Moon:** in Vrisha, enters Mithuna h. 23-39 **Age of Moon:** 21.6 **Declination of Sun:** N 0° 54' **Sidereal Time (noon):** h. 11-52-37s **Equation of time:** 6m 46s

Lagna Kanya Begins: Chennai h. 29-43 Delhi h. 29-52 Kolkata h. 29-09 Mumbai h. 30-12

Midday Central Station h.11-53-14s Chennai: h.12-02-14s Delhi: h.12-14-21s Kolkata: h.11-29-44s Mumbai: h.12-31-53s

Mahalakshmi Vrata Sampana, Samadhi Day of Narayana Guru (Kerala)

Sunday, 31 Bhadra, (ni) 7 Asvina, 22 September, 22 Muharram

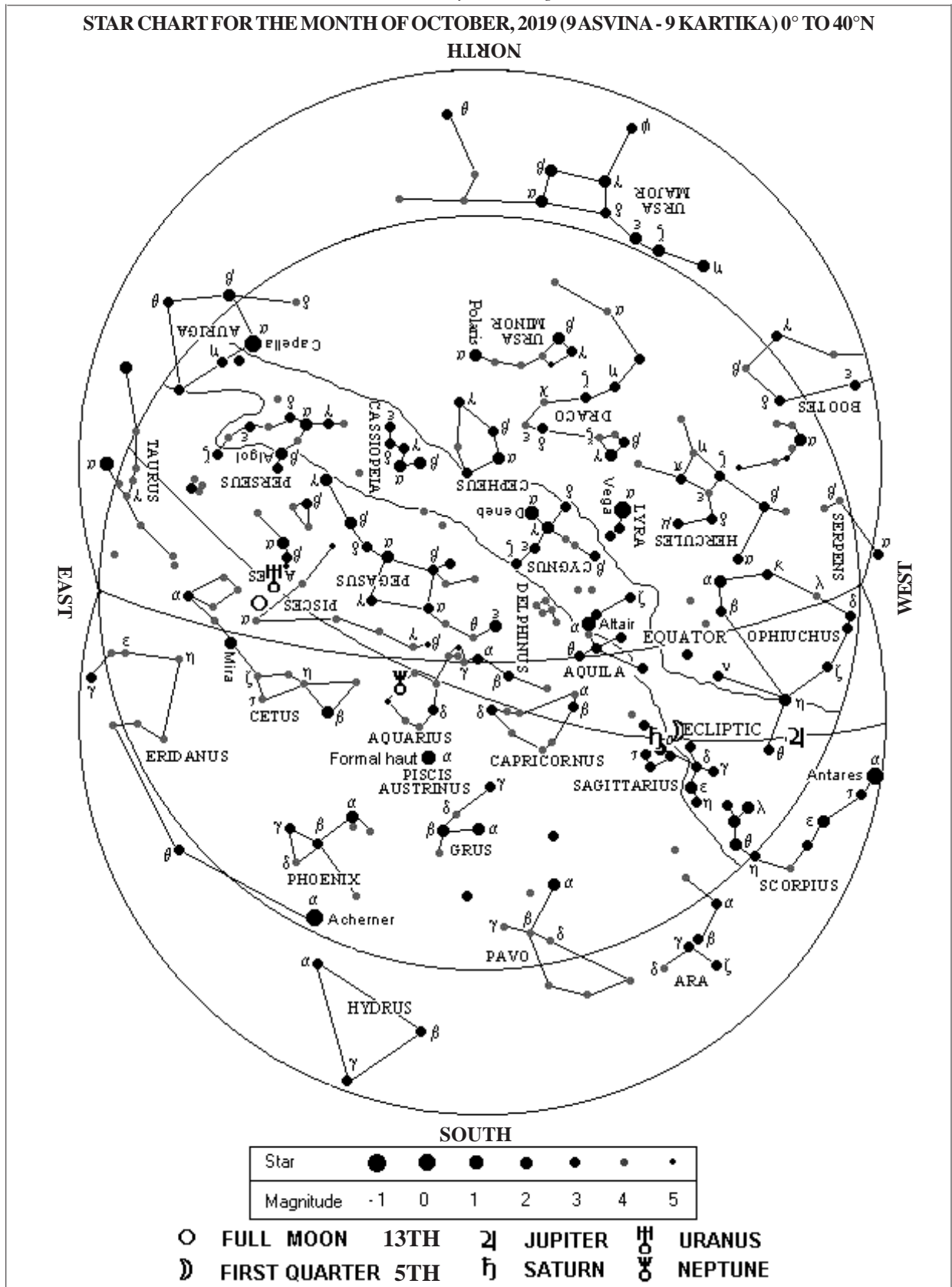
Kali Ahargana: 1870283 **Julian Day:** 2458748.5

Sunrise: h. 5-49 **Sunset:** h. 17-57 **Moonset:** h. 12-42 **Moonrise:** h. 23-47

Tithi: (Bhadra Krishna) Ashtami h. 19-50 **Nakshatra:** Mrigasiras h. 11-46 **Yoga:** Vyatipata h. 20-25 **Karana:** Balava h. 8-11 then Kaulava h. 19-50 **Moon:** in Mithuna **Age of Moon:** 22.6 **Declination of Sun:** N 0° 31' **Sidereal Time (noon):** h. 11-56-12s **Equation of time:** 7m 08s

Lagna Kanya Begins: Chennai h. 29-39 Delhi h. 29-48 Kolkata h. 29-05 Mumbai h. 30-08

Midday Central Station h.11-52-52s Chennai: h.12-01-53s Delhi: h.12-14-00s Kolkata: h.11-29-23s Mumbai: h.12-31-32s



Month of ASVINA : 30 days :: Vedic Month : Urja (Tula)

Nirayana months: 8 Asvina, 5120 Kali to 7 Kartika, 5120 Kali :: 23 and 7 days

Sarat Ritu : 2nd Month :: Dakshinayana : Dakshina Gola

Sun in Kanya, enters Tula on 25th :: Ayanamsa on 1st Asvina : 24° 07' 41"

Kali Ahargana : 1870284 - 1870313, *Julian Day* : 2458749.5 - 2458778.5

(Nirayana) Kartika begins on 24 Asvina, 16 October, 2019

Monday, 1 Asvina, (ni) 8 Asvina, 23 September, 23 Muharram

Kali Ahargana: 1870284 **Julian Day:** 2458749.5

Sunrise: h. 5-49 **Sunset:** h. 17-56 **Moonset:** h. 13-40 **Moonrise:** h. 24-45

Tithi: (Bhadra Krishna) Navami h. 18-37 **Nakshatra:** Ardra h. 11-29 **Yoga:** Variyan h. 18-20 **Karana:** Taitila h. 7-19, Gara h. 18-37 then Vanij h. 29-45 **Moon:** in Mithuna, enters Karkata h. 28-49 **Age of Moon:** 23.6 **Declination of Sun:** N 0° 08' **Sidereal Time (noon):** h. 11-59-47s **Equation of time:** 7m 29s

Lagna Kanya Begins: Chennai h. 29-35 Delhi h. 29-44 Kolkata h. 29-01 Mumbai h. 30-04

Midday Central Station h.11-52-31s Chennai: h.12-01-32s Delhi: h.12-13-39s Kolkata: h.11-29-01s Mumbai: h.12-31-11s

Sun enters Tropical Libra h. 13-20

Matri Navami, Jalavishuva Day

Tuesday, 2 Asvina, (ni) 9 Asvina, 24 September, 24 Muharram

Kali Ahargana: 1870285 **Julian Day:** 2458750.5

Sunrise: h. 5-49 **Sunset:** h. 17-55 **Moonset:** h. 14-36 **Moonrise:** h. 25-48

Tithi: (Bhadra Krishna) Dasami h. 16-42 **Nakshatra:** Punarvasu h. 10-31 **Yoga:** Parigha h. 15-41 **Karana:** Vishti h. 16-42 then Bava h. 27-30 **Moon:** in Karkata **Age of Moon:** 24.6 **Declination of Sun:** S 0° 16' **Sidereal Time (noon):** h. 12-03-23s **Equation of time:** 7m 50s

Lagna Kanya Begins: Chennai h. 29-31 Delhi h. 29-40 Kolkata h. 28-57 Mumbai h. 30-00

Midday Central Station h.11-52-10s Chennai: h.12-01-11s Delhi: h.12-13-18s Kolkata: h.11-28-40s Mumbai: h.12-30-50s

Wednesday, 3 Asvina, (ni) 10 Asvina, 25 September, 25 Muharram

Kali Ahargana: 1870286 **Julian Day:** 2458751.5

Sunrise: h. 5-50 **Sunset:** h. 17-53 **Moonset:** h. 15-30 **Moonrise:** h. 26-54

Tithi: (Bhadra Krishna) Ekadasi h. 14-09 **Nakshatra:** Pushya h. 8-53 **Yoga:** Siva h. 12-31 **Karana:** Balava h. 14-09 then Kaulava h. 24-40 **Moon:** in Karkata **Age of Moon:** 25.6 **Declination of Sun:** S 0° 39' **Sidereal Time (noon):** h. 12-06-59s **Equation of time:** 8m 10s

Lagna Kanya Begins: Chennai h. 29-27 Delhi h. 29-36 Kolkata h. 28-53 Mumbai h. 29-56

Midday Central Station h.11-51-50s Chennai: h.12-00-50s Delhi: h.12-12-57s Kolkata: h.11-28-20s Mumbai: h.12-30-29s

Indira Ekadasi

Thursday, 4 Asvina, (ni) 11 Asvina, 26 September, 26 Muharram

Kali Ahargana: 1870287 **Julian Day:** 2458752.5

Sunrise: h. 5-50 **Sunset:** h. 17-52 **Moonset:** h. 16-20 **Moonrise:** h. 28-00

Tithi:(Bhadra Krishna) Dvadasi h. 11-03 **Nakshatra:** Aslesha h. 6-40 then Magha h. 28-01 **Yoga:** Siddha h. 8-53 then Sadhya h. 28-53 **Karana:** Taitila h. 11-03 then Gara h. 21-20 **Moon:** in Karkata, enters Simha h. 6-40 **Age of Moon:** 26.6 **Declination of Sun:** S 1° 02' **Sidereal Time (noon):** h. 12-10-34s **Equation of time:** 8m 31s

Lagna Kanya Begins: Chennai h. 29-23 Delhi h. 29-32 Kolkata h. 28-49 Mumbai h. 29-52

Midday Central Station h.11-51-29s Chennai: h.12-00-30s Delhi: h.12-12-37s Kolkata: h.11-27-59s Mumbai: h.12-30-08s

Magha Trayodasi (Trayodasi after h. 11-03)

Friday, 5 Asvina, (ni) 12 Asvina, 27 September, 27 Muharram**Kali Ahargana:** 1870288 **Julian Day:** 2458753.5**Sunrise:** h. 5-50 **Sunset:** h. 17-51 **Moonset:** h. 17-07 **Moonrise:** h. 29-06**Tithi:** (Bhadra Krishna) Trayodasi h. 7-32 then Chaturdasi h. 27-46 **Nakshatra:** Purva Phalguni h. 25-04 **Yoga:** Subha h. 24-40**Karana:** vanij h. 7-32, Vishti h. 17-40 then Sakuni h. 27-46 **Moon:** in Simha **Age of Moon:** 27.6 **Declination of Sun:** S 1° 26'**Sidereal Time (noon):** h. 12-14-10s **Equation of time:** 8m 52s**Lagna** Kanya Begins: Chennai h. 29-20 Delhi h. 29-29 Kolkata h. 28-46 Mumbai h. 29-49

Midday Central Station h.11-51-08s Chennai: h.12-00-09s Delhi: h.12-12-16s Kolkata: h.11-27-38s Mumbai: h.12-29-48s

Sun enters Hasta Nakshatra h. 18-27

Saturday, 6 Asvina, (ni) 13 Asvina, 28 September, 28 Muharram**Kali Ahargana:** 1870289 **Julian Day:** 2458754.5**Sunrise:** h. 5-51 **Sunset:** h. 17-50 **Moonset:** h. 17-51**Tithi:** (Bhadra Krishna) Amavasya h. 23-56 **Nakshatra:** Uttara Phalguni h. 22-02 **Yoga:** Sukla (Sukra) h. 20-22 **Karana:**Chatuspada h. 13-51 then Naga h. 23-56 **Moon:** in Simha, enters Kanya h. 6-19 **Age of Moon:** 28.6 ● **Declination of Sun:**S 1° 49' **Sidereal Time (noon):** h. 12-17-47s **Equation of time:** 9m 12s**Lagna** Kanya Begins: Chennai h. 29-16 Delhi h. 29-25 Kolkata h. 28-42 Mumbai h. 29-45

Midday Central Station h.11-50-48s Chennai: h.11-59-49s Delhi: h.12-11-56s Kolkata: h.11-27-18s Mumbai: h.12-29-28s

Sayana Vaidhriti h. 8-11

Mahalaya Amavasya, Sarvapitri Amavasya (Odisha), Tarpana Laiba (Manipur)**Sunday, 7 Asvina, (ni) 14 Asvina, 29 September, 29 Muharram****Kali Ahargana:** 1870290 **Julian Day:** 2458755.5**Sunrise:** h. 5-51 **Sunset:** h. 17-49 **Moonrise:** h. 6-11 **Moonset:** h. 18-34**Tithi:** (Asvina Sukla) Pratipad h. 20-14 **Nakshatra:** Hasta h. 19-07 **Yoga:** Brahma h. 16-09 **Karana:** Kinstughna h. 10-03 thenBava h. 20-14 **Moon:** in Kanya, enters Tula h. 29-45 **Age of Moon:** 0.2 **Declination of Sun:** S 2° 13' **Sidereal Time (noon):**h. 12-21-23s **Equation of time:** 9m 32s**Lagna** Kanya Begins: Chennai h. 29-12 Delhi h. 29-21 Kolkata h. 28-38 Mumbai h. 29-41

Midday Central Station h.11-50-28s Chennai: h.11-59-29s Delhi: h.12-11-36s Kolkata: h.11-26-58s Mumbai: h.12-29-08s

Saradiya Navaratrarambha, Maharaja Agrasen's Jayanti, Samaveda Upakarma**Monday, 8 Asvina, (ni) 15 Asvina, 30 September, 30 Muharram****Kali Ahargana:** 1870291 **Julian Day:** 2458756.5**Sunrise:** h. 5-51 **Sunset:** h. 17-48 **Moonrise:** h. 7-15 **Moonset:** h. 19-18**Tithi:** (Asvina Sukla) Dvitiya h. 16-50 **Nakshatra:** Chitra h. 16-29 **Yoga:** Indra h. 12-08 **Karana:** Balava h. 6-29, Kaulavah. 16-50 then Taitila h. 27-18 **Moon:** in Tula **Age of Moon:** 1.2 **Declination of Sun:** S 2° 36' **Sidereal Time (noon):**h. 12-25-00s **Equation of time:** 9m 52s**Lagna** Kanya Begins: Chennai h. 29-08 Delhi h. 29-17 Kolkata h. 28-34 Mumbai h. 29-37

Midday Central Station h.11-50-08s Chennai: h.11-59-09s Delhi: h.12-11-16s Kolkata: h.11-26-38s Mumbai: h.12-28-48s

Jewish New Year (Rosh Hashanah)**Tuesday, 9 Asvina, (ni) 16 Asvina, 1 October, 1 Safar****Kali Ahargana:** 1870292 **Julian Day:** 2458757.5**Sunrise:** h. 5-52 **Sunset:** h. 17-48 **Moonrise:** h. 8-18 **Moonset:** h. 20-01**Tithi:** (Asvina Sukla) Tritiya h. 13-55 **Nakshatra:** Svati h. 14-21 **Yoga:** Vaidhriti h. 8-31 then Viskumbha h. 29-23 **Karana:**Gara h. 13-55 then Vanij h. 24-42 **Moon:** in Tula **Age of Moon:** 2.2 **Declination of Sun:** S 2° 59' **Sidereal Time (noon):**h. 12-28-37s **Equation of time:** 10m 11s**Lagna** Kanya Begins: Chennai h. 29-04 Delhi h. 29-13 Kolkata h. 28-30 Mumbai h. 29-33

Midday Central Station h.11-49-49s Chennai: h.11-58-49s Delhi: h.12-10-56s Kolkata: h.11-26-19s Mumbai: h.12-28-28s

Wednesday, 10 Asvina, (ni) 17 Asvina, 2 October, 2 Safar**Kali Ahargana:** 1870293 **Julian Day:** 2458758.5**Sunrise:** h. 5-52 **Sunset:** h. 17-47 **Moonrise:** h. 9-22 **Moonset:** h. 20-47**Tithi:** (Asvina Sukla) Chaturthi h. 11-40 **Nakshatra:** Visakha h. 12-52 **Yoga:** Priti h. 26-53 **Karana:** Vishti h. 11-40 then Bava h. 22-50 **Moon:** in Tula, enters Vrischika h. 7-10 **Age of Moon:** 3.2 **Declination of Sun:** S 3° 22' **Sidereal Time (noon):** h. 12-32-14s **Equation of time:** 10m 31s**Lagna** Kanya Begins: Chennai h. 29-00 Delhi h. 29-09 Kolkata h. 28-26 Mumbai h. 29-29

Midday Central Station h.11-49-29s Chennai: h.11-58-30s Delhi: h.12-10-37s Kolkata: h.11-25-59s Mumbai: h.12-28-09s

Mahatma Gandhi's Birthday, Upanga Lalita Vrata (Lalita Panchami)**Thursday, 11 Asvina, (ni) 18 Asvina, 3 October, 3 Safar****Kali Ahargana:** 1870294 **Julian Day:** 2458759.5**Sunrise:** h. 5-52 **Sunset:** h. 17-46 **Moonrise:** h. 10-22n **Moonset:** h. 21-35**Tithi:** (Asvina Sukla) Panchami h. 10-12 **Nakshatra:** Anuradha h. 12-10 **Yoga:** Ayusman h. 25-03 **Karana:** Balava h. 10-12 then Kaulava h. 21-47 **Moon:** in Vrischika **Age of Moon:** 4.2 **Declination of Sun:** S 3° 46' **Sidereal Time (noon):** h. 12-35-51s **Equation of time:** 10m 50s**Lagna** Tula Begins: Chennai h. 7-02 Delhi h. 7-25 Kolkata h. 6-36 Mumbai h. 7-36

Midday Central Station h.11-49-10s Chennai: h.11-58-11s Delhi: h.12-10-18s Kolkata: h.11-25-40s Mumbai: h.12-27-50s

Friday, 12 Asvina, (ni) 19 Asvina, 4 October, 4 Safar**Kali Ahargana:** 1870295 **Julian Day:** 2458760.5**Sunrise:** h. 5-53 **Sunset:** h. 17-45 **Moonrise:** h. 11-22 **Moonset:** h. 22-25**Tithi:** (Asvina Sukla) Shashthi h. 9-35 **Nakshatra:** Jyestha h. 12-19 **Yoga:** Saubhagya h. 23-53 **Karana:** Taitila h. 9-35 then Gara h. 21-37 **Moon:** in Vrischika, enters Dhanus h. 12-19 **Age of Moon:** 5.2 **Declination of Sun:** S 4° 09' **Sidereal Time (noon):** h. 12-39-29s **Equation of time:** 11m 08s**Lagna** Tula Begins: Chennai h. 6-58 Delhi h. 7-21 Kolkata h. 6-32 Mumbai h. 7-32

Midday Central Station h.11-48-52s Chennai: h.11-57-52s Delhi: h.12-09-59s Kolkata: h.11-25-22s Mumbai: h.12-27-31s

Sarasvati Avahana**Saturday, 13 Asvina, (ni) 20 Asvina, 5 October, 5 Safar****Kali Ahargana:** 1870296 **Julian Day:** 2458761.5**Sunrise:** h. 5-53 **Sunset:** h. 17-44 **Moonrise:** h. 12-17 **Moonset:** h. 23-17**Tithi:** (Asvina Sukla) Saptami h. 9-51 **Nakshatra:** Mula h. 13-18 **Yoga:** Sobhana h. 23-23 **Karana:** vanij h. 9-51 then Vishti h. 22-17 **Moon:** in Dhanus **Age of Moon:** 6.2 **Declination of Sun:** S 4° 32' **Sidereal Time (noon):** h. 12-43-07s **Equation of time:** 11m 27s**Lagna** Tula Begins: Chennai h. 6-54 Delhi h. 7-17 Kolkata h. 6-28 Mumbai h. 7-28

Midday Central Station h.11-48-33s Chennai: h.11-57-34s Delhi: h.12-09-41s Kolkata: h.11-25-03s Mumbai: h.12-27-13s

Durga Puja begins (Saptami), **Oli begins** (Jain)**Sunday, 14 Asvina, (ni) 21 Asvina, 6 October, 6 Safar****Kali Ahargana:** 1870297 **Julian Day:** 2458762.5**Sunrise:** h. 5-53 **Sunset:** h. 17-43 **Moonrise:** h. 13-09 **Moonset:** h. 24-09**Tithi:** (Asvina Siukla) Ashtami h. 10-55 **Nakshatra:** Purvasadha h. 15-03 **Yoga:** Atiganda h. 23-27 **Karana:** Bava h. 10-55 then Balava h. 23-42 **Moon:** in Dhanus, enters Makara h. 21-36 **Age of Moon:** 7.2 **Declination of Sun:** S 4° 55' **Sidereal Time (noon):** h. 12-46-46s **Equation of time:** 11m 45s**Lagna** Tula Begins: Chennai h. 6-50 Delhi h. 7-13 Kolkata h. 6-24 Mumbai h. 7-24

Midday Central Station h.11-48-15s Chennai: h.11-57-16s Delhi: h.12-09-23s Kolkata: h.11-24-45s Mumbai: h.12-26-55s

Mahashtami

Monday, 15 Asvina, (ni) 22 Asvina, 7 October, 7 Safar

Kali Ahargana: 1870298 **Julian Day:** 2458763.5

Sunrise: h. 5-54 **Sunset:** h. 17-42 **Moonrise:** h. 13-56 **Moonset:** h. 25-02

Tithi: (Asvina Sukla) Navami h. 12-38 **Nakshatra:** Uttarasadha h. 17-25 **Yoga:** Sukarma h. 23-57 **Karana:** Kaulava h. 12-38 then Taitila h. 25-41 **Moon:** in Makara **Age of Moon:** 8.2 **Declination of Sun:** S 5° 18' **Sidereal Time (noon):** h. 12-50-25s **Equation of time:** 12m 02s

Lagna Tula Begins: Chennai h. 6-46 Delhi h. 7-09 Kolkata h. 6-20 Mumbai h. 7-20

Midday Central Station h.11-47-58s Chennai: h.11-56-58s Delhi: h.12-09-05s Kolkata: h.11-24-28s Mumbai: h.12-26-37s

Mahanavami, Ayudha Puja, Saraswati Visarjana

Tuesday, 16 Asvina, (ni) 23 Asvina, 8 October, 8 Safar

Kali Ahargana: 1870299 **Julian Day:** 2458764.5

Sunrise: h. 5-54 **Sunset:** h. 17-41 **Moonrise:** h. 14-39 **Moonset:** h. 25-54

Tithi: (Asvina Sukla) Dasami h. 14-50 **Nakshatra:** Sravana h. 20-12 **Yoga:** Dhriti h. 24-45 **Karana:** Gara h. 14-50 then vanij h. 28-03 **Moon:** in Makara **Age of Moon:** 9.2 **Declination of Sun:** S 5° 41' **Sidereal Time (noon):** h. 12-54-04s **Equation of time:** 12m 20s

Lagna Tula Begins: Chennai h. 6-42 Delhi h. 7-05 Kolkata h. 6-16 Mumbai h. 7-16

Midday Central Station h.11-47-40s Chennai: h.11-56-41s Delhi: h.12-08-48s Kolkata: h.11-24-10s Mumbai: h.12-26-20s

Vijay Dasami (Dussehra or Dasahara), **Vijaya Dasami** (Bengal & Kerala), **Sri Madhavacharya Jayanti**

Wednesday, 17 Asvina, (ni) 24 Asvina, 9 October, 9 Safar

Kali Ahargana: 1870300 **Julian Day:** 2458765.5

Sunrise: h. 5-55 **Sunset:** h. 17-40 **Moonrise:** h. 15-19 **Moonset:** h. 26-45

Tithi: (Asvina Sukla) Ekadasi h. 17-19 **Nakshatra:** Dhanistha h. 23-12 **Yoga:** Sula h. 25-41 **Karana:** Vishti h. 17-19 **Moon:** in Makara, enters Kumbha h. 9-41 **Age of Moon:** 10.2 **Declination of Sun:** S 6° 04' **Sidereal Time (noon):** h. 12-57-44s **Equation of time:** 12m 36s

Lagna Tula Begins: Chennai h. 6-38 Delhi h. 7-01 Kolkata h. 6-12 Mumbai h. 7-12

Midday Central Station h.11-47-24s Chennai: h.11-56-24s Delhi: h.12-08-31s Kolkata: h.11-23-54s Mumbai: h.12-26-03s

Bharat Milap, Papankusa (Pasankusa) **Ekadasi, Day of Atonement** (Yom Kippur) - **Jewish**

Thursday, 18 Asvina, (ni) 25 Asvina, 10 October, 10 Safar

Kali Ahargana: 1870301 **Julian Day:** 2458766.5

Sunrise: h. 5-55 **Sunset:** h. 17-39 **Moonrise:** h. 15-55 **Moonset:** h. 27-36

Tithi: (Asvina Sukla) Dvadasi h. 19-52 **Nakshatra:** Satabhisaj h. 26-14 **Yoga:** Ganda h. 26-38 **Karana:** Bava h. 6-36 then Balava h. 19-52 **Moon:** in Kumbha **Age of Moon:** 11.2 **Declination of Sun:** S 6° 27' **Sidereal Time (noon):** h. 13-01-24s **Equation of time:** 12m 53s

Lagna Tula Begins: Chennai h. 6-34 Delhi h. 6-57 Kolkata h. 6-08 Mumbai h. 7-08

Midday Central Station h.11-47-07s Chennai: h.11-56-08s Delhi: h.12-08-15s Kolkata: h.11-23-37s Mumbai: h.12-25-47s

Sayana Vyatipata h. 23-39

Friday, 19 Asvina, (ni) 26 Asvina, 11 October, 11 Safar

Kali Ahargana: 1870302 **Julian Day:** 2458767.5

Sunrise: h. 5-55 **Sunset:** h. 17-38 **Moonrise:** h. 16-30 **Moonset:** h. 28-26

Tithi: (Asvina Sukla) Trayodasi h. 22-20 **Nakshatra:** Purva Bhadrapada h. 29-09 **Yoga:** Vridhhi h. 27-30 **Karana:** Kaulava h. 9-07 then Taitila h. 22-20 **Moon:** in Kumbha, enters Mina h. 22-27 **Age of Moon:** 12.2 **Declination of Sun:** S 6° 49' **Sidereal Time (noon):** h. 13-05-04s **Equation of time:** 13m 09s

Lagna Tula Begins: Chennai h. 6-30 Delhi h. 6-53 Kolkata h. 6-04 Mumbai h. 7-04

Midday Central Station h.11-46-51s Chennai: h.11-55-52s Delhi: h.12-07-59s Kolkata: h.11-23-21s Mumbai: h.12-25-31s

Sun enters Chitra Nakshatra h. 7-26

Saturday, 20 Asvina, (ni) 27 Asvina, 12 October, 12 Safar**Kali Ahargana:** 1870303 **Julian Day:** 2458768.5**Sunrise:** h. 5-56 **Sunset:** h. 17-37 **Moonrise:** h. 17-03 **Moonset:** h. 29-16

Tithi: (Asvina Sukla) Chaturdasi h. 24-37 **Nakshatra:** Uttara Bhadrapada ahoratra **Yoga:** Dhruva h. 28-12 **Karana:** Gara h. 11-30 then vanij h. 24-37 **Moon:** in Mina **Age of Moon:** 13.2 **Declination of Sun:** S 7° 12' **Sidereal Time (noon):** h. 13-08-45s **Equation of time:** 13m 24s

Lagna Tula Begins: Chennai h. 6-26 Delhi h. 6-49 Kolkata h. 6-00 Mumbai h. 7-00

Midday Central Station h.11-46-36s Chennai: h.11-55-36s Delhi: h.12-07-43s Kolkata: h.11-23-06s Mumbai: h.12-25-15s

Mars rises in the east h. 28-19

Sunday, 21 Asvina, (ni) 28 Asvina, 13 October, 13 Safar**Kali Ahargana:** 1870304 **Julian Day:** 2458769.5**Sunrise:** h. 5-56 **Sunset:** h. 17-36 **Moonrise:** h. 17-36

Tithi: (Asvina Sukla) Purnima h. 26-38 **Nakshatra:** Uttara Bhadrapada h. 7-53 **Yoga:** Vyaghata h. 28-42 **Karana:** Vishti h. 13-39 then Bava h. 26-38 **Moon:** in Mina **Age of Moon:** 14.2 **Declination of Sun:** S 7° 35' **Sidereal Time (noon):** h. 13-12-27s **Equation of time:** 13m 39s

Lagna Tula Begins: Chennai h. 6-22 Delhi h. 6-45 Kolkata h. 5-56 Mumbai h. 6-56

Midday Central Station h.11-46-21s Chennai: h.11-55-21s Delhi: h.12-07-28s Kolkata: h.11-22-51s Mumbai: h.12-25-00s

Kojagari Lakshmi Puja (Bengal), **Kumara Purnima** (Odisha), **Sarat Purnima**, **Kojagar** (Lakshmindra Puja),**Maharsi Valmiki's Birthday**, **Oli ends** (Jain)**Monday, 22 Asvina, (ni) 29 Asvina, 14 October, 14 Safar****Kali Ahargana:** 1870305 **Julian Day:** 2458770.5**Sunrise:** h. 5-57 **Sunset:** h. 17-35 **Moonset:** h. 6-06 **Moonrise:** h. 18-10

Tithi: (Asvina Krishna) Pratipad h. 28-21 **Nakshatra:** Revati h. 10-20 **Yoga:** Harshana h. 28-58 **Karana:** Balava h. 15-32 then Kaulava h. 28-21 **Moon:** in Mina, enters Mesha h. 10-20 **Age of Moon:** 15.2 **Declination of Sun:** S 7° 57' **Sidereal Time (noon):** h. 13-16-09s **Equation of time:** 13m 54s

Lagna Tula Begins: Chennai h. 6-18 Delhi h. 6-41 Kolkata h. 5-52 Mumbai h. 6-52

Midday Central Station h.11-46-06s Chennai: h.11-55-07s Delhi: h.12-07-14s Kolkata: h.11-22-36s Mumbai: h.12-24-46s

First day of Tabernacles (Succoth) - Jewish**Tuesday, 23 Asvina, (ni) 30 Asvina, 15 October, 15 Safar****Kali Ahargana:** 1870306 **Julian Day:** 2458771.5**Sunrise:** h. 5-57 **Sunset:** h. 17-34 **Moonset:** h. 6-57 **Moonrise:** h. 18-45

Tithi: (Asvina Krishna) Dvitiya h. 29-45 **Nakshatra:** Asvini h. 12-30 **Yoga:** Vajra h. 29-00 **Karana:** Taitila h. 17-06 then Gara h. 29-45 **Moon:** in Mesha **Age of Moon:** 16.2 **Declination of Sun:** S 8° 19' **Sidereal Time (noon):** h. 13-19-51s **Equation of time:** 14m 08s

Lagna Tula Begins: Chennai h. 6-14 Delhi h. 6-37 Kolkata h. 5-48 Mumbai h. 6-48

Midday Central Station h.11-45-52s Chennai: h.11-54-53s Delhi: h.12-07-00s Kolkata: h.11-22-22s Mumbai: h.12-24-32s

Wednesday, 24 Asvina, (ni) 1 Kartika, 16 October, 16 Safar**Kali Ahargana:** 1870307 **Julian Day:** 2458772.5**Sunrise:** h. 5-57 **Sunset:** h. 17-34 **Moonset:** h. 7-50 **Moonrise:** h. 19-23

Tithi: (Asvina Krishna) Tritoja ahoratra **Nakshatra:** Bharani h. 14-21 **Yoga:** Siddhi (Asrik) h. 28-45 **Karana:** vanij h. 18-20 **Moon:** in Mesha, enters Vrisha h. 20-46 **Age of Moon:** 17.2 **Declination of Sun:** S 8° 41' **Sidereal Time (noon):** h. 13-23-35s **Equation of time:** 14m 21s

Lagna Tula Begins: Chennai h. 6-11 Delhi h. 6-34 Kolkata h. 5-45 Mumbai h. 6-45

Midday Central Station h.11-45-39s Chennai: h.11-54-40s Delhi: h.12-06-47s Kolkata: h.11-22-09s Mumbai: h.12-24-18s

Saura Kartikadi h. 27-47

Thursday, 25 Asvina, (ni) 2 Kartika, 17 October, 17 Safar**Kali Ahargana:** 1870308 **Julian Day:** 2458773.5**Sunrise:** h. 5-58 **Sunset:** h. 17-33 **Moonset:** h. 8-44 **Moonrise:** h. 20-04**Tithi:** (Asvina Krishna) Tritiya h. 6-48 **Nakshatra:** Krittika h. 15-52 **Yoga:** Vyatipata h. 28-14 **Karana:** Vishti h. 6-48 then Bava h. 19-12 **Moon:** in Vrisha **Age of Moon:** 18.2 **Declination of Sun:** S 9° 04' **Sidereal Time (noon):** h. 13-27-18s **Equation of time:** 14m 34s**Lagna** Tula Begins: Chennai h. 6-07 Delhi h. 6-30 Kolkata h. 5-41 Mumbai h. 6-41

Midday Central Station h.11-45-26s Chennai: h.11-54-27s Delhi: h.12-06-34s Kolkata: h.11-21-56s Mumbai: h.12-24-06s

Sun enters Nirayana Tula Rasi h. 25-03

Karaka Chaturthi (Karwa Chouth), Dasaratha Chaturthi**Friday, 26 Asvina, (ni) 3 Kartika, 18 October, 18 Safar****Kali Ahargana:** 1870309 **Julian Day:** 2458774.5**Sunrise:** h. 5-58 **Sunset:** h. 17-32 **Moonset:** h. 9-40 **Moonrise:** h. 20-50**Tithi:** (Asvina Krishna) Chaturthi h. 7-29 **Nakshatra:** Rohini h. 16-59 **Yoga:** Variyan h. 27-22 **Karana:** Balava h. 7-29 then Kaulava h. 19-40 **Moon:** in Vrisha, enters Mithuna h. 29-23 **Age of Moon:** 19.2 **Declination of Sun:** S 9° 25' **Sidereal Time (noon):** h. 13-31-03s **Equation of time:** 14m 46s**Lagna** Tula Begins: Chennai h. 6-03 / 29-59 Delhi h. 6-26 / 30-22 Kolkata h. 5-37 / 29-33 Mumbai h. 6-37 / 30-33

Midday Central Station h.11-45-14s Chennai: h.11-54-15s Delhi: h.12-06-22s Kolkata: h.11-21-44s Mumbai: h.12-23-53s

Kaveri Samkramana Snana**Saturday, 27 Asvina, (ni) 4 Kartika, 19 October, 19 Safar****Kali Ahargana:** 1870310 **Julian Day:** 2458775.5**Sunrise:** h. 5-59 **Sunset:** h. 17-31 **Moonset:** h. 10-37 **Moonrise:** h. 21-41**Tithi:** (Asvina Krishna) Panchami h. 7-44 **Nakshatra:** Mrigasiras h. 17-40 **Yoga:** Parigha h. 26-09 **Karana:** Taitila h. 7-44 then Gara h. 19-41 **Moon:** in Mithuna **Age of Moon:** 20.2 **Declination of Sun:** S 9° 47' **Sidereal Time (noon):** h. 13-34-47s **Equation of time:** 14m 58s**Lagna** Tula Begins: Chennai h. 29-55 Delhi h. 30-18 Kolkata h. 29-29 Mumbai h. 30-29

Midday Central Station h.11-45-02s Chennai: h.11-54-03s Delhi: h.12-06-10s Kolkata: h.11-21-32s Mumbai: h.12-23-42s

Chelhum (Moslem)**Sunday, 28 Asvina, (ni) 5 Kartika, 20 October, 20 Safar****Kali Ahargana:** 1870311 **Julian Day:** 2458776.5**Sunrise:** h. 5-59 **Sunset:** h. 17-30 **Moonset:** h. 11-34 **Moonrise:** h. 22-36**Tithi:** (Asvina Krishna) Shashthi h. 7-30 **Nakshatra:** Ardra h. 17-52 **Yoga:** Siva h. 24-31 **Karana:** vanij h. 7-30 then Vishti h. 19-12 **Moon:** in Mithuna **Age of Moon:** 21.2 **Declination of Sun:** S 10° 09' **Sidereal Time (noon):** h. 13-38-33s **Equation of time:** 15m 09s**Lagna** Tula Begins: Chennai h. 29-51 Delhi h. 30-14 Kolkata h. 29-25 Mumbai h. 30-25

Midday Central Station h.11-44-51s Chennai: h.11-53-52s Delhi: h.12-05-59s Kolkata: h.11-21-21s Mumbai: h.12-23-31s

Monday, 29 Asvina, (ni) 6 Kartika, 21 October, 21 Safar**Kali Ahargana:** 1870312 **Julian Day:** 2458777.5**Sunrise:** h. 6-00 **Sunset:** h. 17-29 **Moonset:** h. 12-29 **Moonrise:** h. 23-36**Tithi:** (Asvina Krishna) Saptami h. 6-45 then Ashtami h. 29-26 **Nakshatra:** Punarvasu h. 17-32 **Yoga:** Siddha h. 22-26 **Karana:** Bava h. 6-45, Balava h. 18-09 then Kaulava h. 29-26 **Moon:** in Mithuna, enters Karkata h. 11-40 **Age of Moon:** 22.2 **Declination of Sun:** S 10° 30' **Sidereal Time (noon):** h. 13-42-19s **Equation of time:** 15m 19s**Lagna** Tula Begins: Chennai h. 29-47 Delhi h. 30-10 Kolkata h. 29-21 Mumbai h. 30-21

Midday Central Station h.11-44-41s Chennai: h.11-53-42s Delhi: h.12-05-49s Kolkata: h.11-21-11s Mumbai: h.12-23-21s

Ahoyi Ashtami, Karastami, Ahoyi Ashtami (Punjab)

Tuesday, 30 Asvina, (ni) 7 Kartika, 22 October, 22 Safar

Kali Ahargana: 1870313 **Julian Day:** 2458778.5

Sunrise: h. 6-00 **Sunset:** h. 17-29 **Moonset:** h. 13-22 **Moonrise:** h. 24-38

Tithi: (Asvina Krishna) Navami h. 27-33 **Nakshatra:** Pushya h. 16-39 **Yoga:** Sadhya h. 19-55 **Karana:** Taitila h. 16-33 then Gara h. 27-33 **Moon:** in Karkata **Age of Moon:** 23.2 **Declination of Sun:** S 10° 52' **Sidereal Time (noon):** h. 13-46-06s
Equation of time: 15m 29s

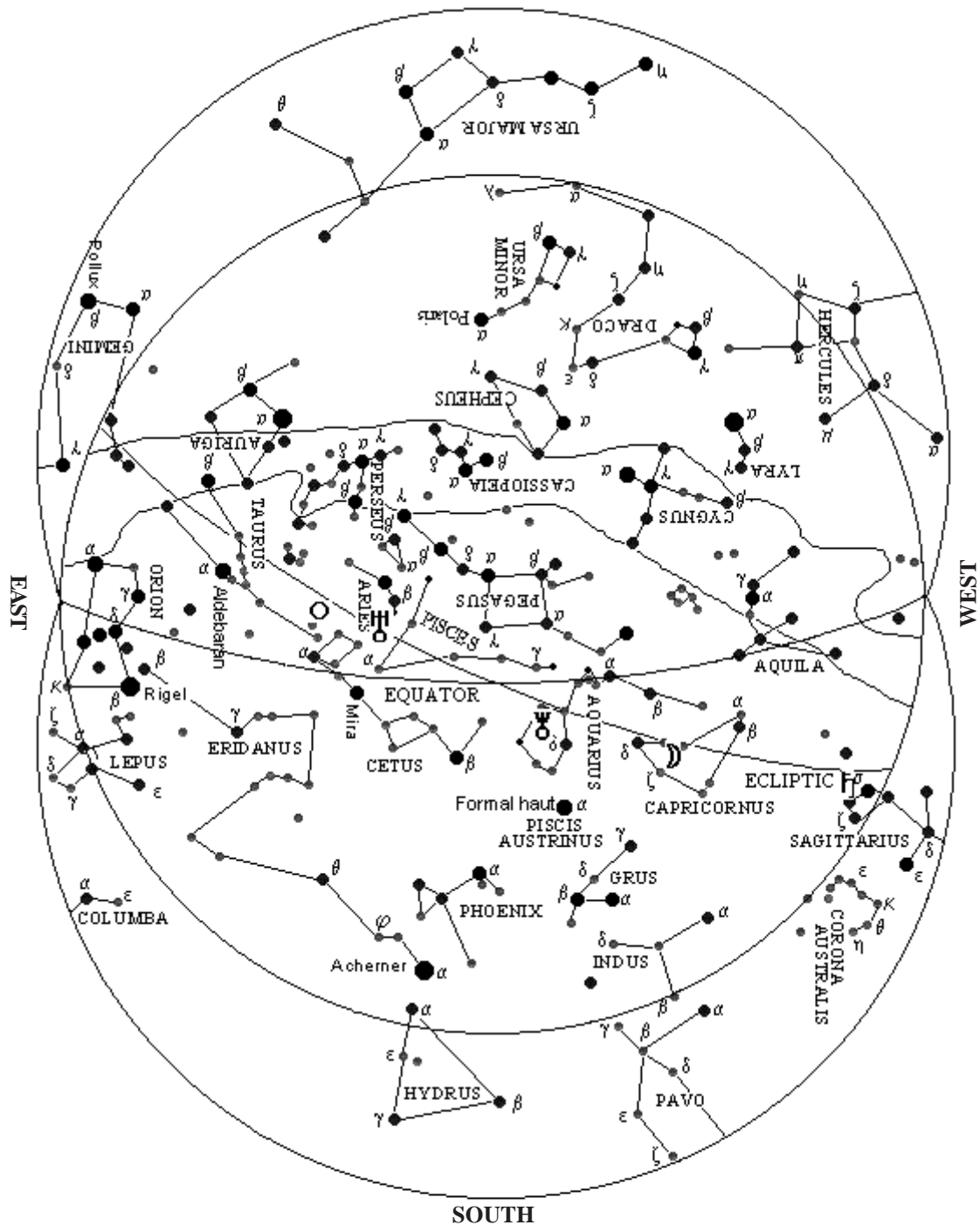
Lagna Tula Begins: Chennai h. 29-43 Delhi h. 30-06 Kolkata h. 29-17 Mumbai h. 30-17

Midday Central Station h.11-44-31s Chennai: h.11-53-32s Delhi: h.12-05-39s Kolkata: h.11-21-01s Mumbai: h.12-23-11s

Last day of Succoth (Simhath Torah)- Jewish

STAR CHART FOR THE MONTH OF NOVEMBER, 2019 (10 KARTIKA - 9 AGRAHAYANA) 0° TO 40°N

HILION



SOUTH

Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 12TH ♄ SATURN ♆ NEPTUNE
 ☾ FIRST QUARTER 4TH ♅ URANUS

Month of KARTIKA : 30 days :: Vedic Month : Sahas (Vrischika)

Nirayana months: 8 Kartika, 5120 Kali to 7 Agrahayana, 5120 Kali :: 23 and 7 days

Hemanta Ritu : 1st Month :: Dakshinayana : Dakshina Gola

Sun in Tula, enters Vrischika on 25th :: Ayanamsa on 1st Kartika : 24° 07' 44"

Kali Ahargana : 1870314 - 1870343, *Julian Day* : 2458779.5 - 2458808.5

(Nirayana) Agrahayana begins on 24 Kartika, 15 November, 2019

Wednesday, 1 Kartika, (ni) 8 Kartika, 23 October, 23 Safar

Kali Ahargana: 1870314 **Julian Day:** 2458779.5

Sunrise: h. 6-01 **Sunset:** h. 17-28 **Moonset:** h. 14-11 **Moonrise:** h. 25-42

Tithi: (Asvina Krishna) Dasami h. 25-09 **Nakshatra:** Aslesha h. 15-13 **Yoga:** Subha h. 16-57 **Karana:** vanij h. 14-25 then Vishti h. 25-09 **Moon:** in Karkata, enters Simha h. 15-13 **Age of Moon:** 24.2 **Declination of Sun:** S 11° 13' **Sidereal Time (noon):** h. 13-49-54s **Equation of time:** 15m 38s

Lagna Tula Begins: Chennai h. 29-39 Delhi h. 30-02 Kolkata h. 29-13 Mumbai h. 30-13

Midday Central Station h.11-44-22s Chennai: h.11-53-23s Delhi: h.12-05-30s Kolkata: h.11-20-52s Mumbai: h.12-23-02s

Sayana Vaidhriti h. 24-49, Sun enters Tropical Scorpio h. 22-50

Akheri Chahar Shumba (Moslem)

Thursday, 2 Kartika, (ni) 9 Kartika, 24 October, 24 Safar

Kali Ahargana: 1870315 **Julian Day:** 2458780.5

Sunrise: h. 6-01 **Sunset:** h. 17-27 **Moonset:** h. 14-58 **Moonrise:** h. 26-46

Tithi: (Asvina Krishna) Ekadasi h. 22-19 **Nakshatra:** Magha h. 13-18 **Yoga:** Sukla (Sukra) h. 13-36 **Karana:** Bava h. 11-47 then Balava h. 22-19 **Moon:** in Simha **Age of Moon:** 25.2 **Declination of Sun:** S 11° 34' **Sidereal Time (noon):** h. 13-53-42s **Equation of time:** 15m 46s

Lagna Tula Begins: Chennai h. 29-35 Delhi h. 29-58 Kolkata h. 29-09 Mumbai h. 30-09

Midday Central Station h.11-44-14s Chennai: h.11-53-15s Delhi: h.12-05-22s Kolkata: h.11-20-44s Mumbai: h.12-22-54s

Sun enters Svati Nakshatra h. 18-00

Rama Ekadasi

Friday, 3 Kartika, (ni) 10 Kartika, 25 October, 25 Safar

Kali Ahargana: 1870316 **Julian Day:** 2458781.5

Sunrise: h. 6-02 **Sunset:** h. 17-26 **Moonset:** h. 15-42 **Moonrise:** h. 27-50

Tithi: (Asvina Krishna) Dvadasi h. 19-08 **Nakshatra:** Purva Phalguni h. 11-00 **Yoga:** Brahma h. 9-56 **Karana:** Kaulava h. 8-46, Taitila h. 19-08 then Gara h. 29-28 **Moon:** in Simha, enters Kanya h. 16-23 **Age of Moon:** 26.2 **Declination of Sun:** S 11° 55' **Sidereal Time (noon):** h. 13-57-31s **Equation of time:** 15m 53s

Lagna Tula Begins: Chennai h. 29-31 Delhi h. 29-54 Kolkata h. 29-05 Mumbai h. 30-05

Midday Central Station h.11-44-07s Chennai: h.11-53-07s Delhi: h.12-05-15s Kolkata: h.11-20-36s Mumbai: h.12-22-46s

Govatsa Dvadasi, Dhana Trayodasi

Saturday, 4 Kartika, (ni) 11 Kartika, 26 October, 26 Safar

Kali Ahargana: 1870317 **Julian Day:** 2458782.5

Sunrise: h. 6-02 **Sunset:** h. 17-26 **Moonset:** h. 16-24 **Moonrise:** h. 28-54

Tithi: (Asvina Krishna) Trayodasi h. 15-47 **Nakshatra:** Uttara Phalguni h. 8-27 then Hasta h. 29-49 **Yoga:** Indra h. 6-03 then Vaidhriti h. 26-05 **Karana:** vanij h. 15-47 then Vishti h. 26-04 **Moon:** in Kanya **Age of Moon:** 27.2 **Declination of Sun:** S 12° 16' **Sidereal Time (noon):** h. 14-01-21s **Equation of time:** 16m 00s

Lagna Tula Begins: Chennai h. 29-27 Delhi h. 29-50 Kolkata h. 29-01 Mumbai h. 30-01

Midday Central Station h.11-44-00s Chennai: h.11-53-01s Delhi: h.12-05-08s Kolkata: h.11-20-30s Mumbai: h.12-22-40s

Kali Chaturdasi

Sunday, 5 Kartika, (ni) 12 Kartika, 27 October, 27 Safar**Kali Ahargana:** 1870318 **Julian Day:** 2458783.5**Sunrise:** h. 6-03 **Sunset:** h. 17-25 **Moonset:** h. 17-07 **Moonrise:** h. 29-57**Tithi:** (Asvina Krishna) Chaturdasi h. 12-23 **Nakshatra:** Chitra h. 27-17 **Yoga:** Viskumbha h. 22-10 **Karana:** Sakuni h. 12-23 then Chatuspada h. 22-44 **Moon:** in Kanya, enters Tula h. 16-32 **Age of Moon:** 28.2 **Declination of Sun:** S 12° 36' **Sidereal Time (noon):** h. 14-05-11s **Equation of time:** 16m 06s**Lagna** Tula Begins: Chennai h. 29-23 Delhi h. 29-46 Kolkata h. 28-57 Mumbai h. 29-57

Midday Central Station h.11-43-54s Chennai: h.11-52-55s Delhi: h.12-05-02s Kolkata: h.11-20-24s Mumbai: h.12-22-34s

Naraka Chaturdasi (Purvarunodaya), **Hanumajjanma** (N. India)(Purvarunodaya), **Dipavali** (S. India), **Kali Puja, Dipavali** (Diwali), **Lakshmi Puja, Kaumudi Dipam, Lakshmi Dipam, Kedar Gauri Vrata, Mahavira Nirvana** (Jain)**Monday, 6 Kartika, (ni) 13 Kartika, 28 October, 28 Safar****Kali Ahargana:** 1870319 **Julian Day:** 2458784.5**Sunrise:** h. 6-03 **Sunset:** h. 17-24 **Moonset:** h. 17-50**Tithi:** (Asvina Krishna) Amavasya h. 9-09 **Nakshatra:** Svati h. 25-00 **Yoga:** Priti h. 18-26 **Karana:** Naga h. 9-09 then Kinstughna h. 19-38 **Moon:** in Tula **Age of Moon:** 29.2 ● **Declination of Sun:** S 12° 56' **Sidereal Time (noon):** h. 14-09-03s **Equation of time:** 16m 11s**Lagna** Tula Begins: Chennai h. 29-19 Delhi h. 29-42 Kolkata h. 28-53 Mumbai h. 29-53

Midday Central Station h.11-43-49s Chennai: h.11-52-49s Delhi: h.12-04-56s Kolkata: h.11-20-18s Mumbai: h.12-22-28s

Kartika Sukladi, Govardhana Puja, Bali Puja, Annakuta, Shahadat-e-Imam Hasan (Moslem)**Tuesday, 7 Kartika, (ni) 14 Kartika, 29 October, 29 Safar****Kali Ahargana:** 1870320 **Julian Day:** 2458785.5**Sunrise:** h. 6-04 **Sunset:** h. 17-24 **Moonrise:** h. 7-01 **Moonset:** h. 18-35**Tithi:** (Kartika Sukla) Pratipad h. 6-13 then Dvitiya h. 27-48 **Nakshatra:** Visakha h. 23-11 **Yoga:** Ayusman h. 15-02 **Karana:** Bava h. 6-13, Balava h. 16-56 then Kaulava h. 27-48 **Moon:** in Tula, enters Vrischika h. 17-35 **Age of Moon:** 0.8 **Declination of Sun:** S 13° 16' **Sidereal Time (noon):** h. 14-12-55s **Equation of time:** 16m 16s**Lagna** Tula Begins: Chennai h. 29-15 Delhi h. 29-38 Kolkata h. 28-49 Mumbai h. 29-49

Midday Central Station h.11-43-44s Chennai: h.11-52-45s Delhi: h.12-04-52s Kolkata: h.11-20-14s Mumbai: h.12-22-24s

Yama Dvitiya, Bhadratri Dvitiya (Bengal), **Dwat Puja** (Bihar), **Viswakarma Day, Tikka Ceremony****Wednesday, 8 Kartika, (ni) 15 Kartika, 30 October, 1 Rabiul'lawwal****Kali Ahargana:** 1870321 **Julian Day:** 2458786.5**Sunrise:** h. 6-04 **Sunset:** h. 17-23 **Moonrise:** h. 8-04 **Moonset:** h. 19-23**Tithi:** (Kartika Sukla) Tritiya h. 26-02 **Nakshatra:** Anuradha h. 21-59 **Yoga:** Saubhagya h. 12-05 **Karana:** Taitila h. 14-50 then Gara h. 26-02 **Moon:** in Vrischika **Age of Moon:** 1.8 **Declination of Sun:** S 13° 36' **Sidereal Time (noon):** h. 14-16-47s **Equation of time:** 16m 20s**Lagna** Tula Begins: Chennai h. 29-12 Delhi h. 29-35 Kolkata h. 28-46 Mumbai h. 29-46

Midday Central Station h.11-43-40s Chennai: h.11-52-41s Delhi: h.12-04-48s Kolkata: h.11-20-10s Mumbai: h.12-22-20s

Thursday, 9 Kartika, (ni) 16 Kartika, 31 October, 2 Rabiul'lawwal**Kali Ahargana:** 1870322 **Julian Day:** 2458787.5**Sunrise:** h. 6-05 **Sunset:** h. 17-22 **Moonrise:** h. 9-06 **Moonset:** h. 20-13**Tithi:** (Kartika Sukla) Chaturthi h. 25-02 **Nakshatra:** Jyestha h. 21-31 **Yoga:** Sobhana h. 9-42 **Karana:** Vanij h. 13-25 then Vishti h. 25-02 **Moon:** in Vrischika, enters Dhanus h. 21-31 **Age of Moon:** 2.8 **Declination of Sun:** S 13° 56' **Sidereal Time (noon):** h. 14-20-41s **Equation of time:** 16m 23s**Lagna** Tula Begins: Chennai h. 29-08 Delhi h. 29-31 Kolkata h. 28-42 Mumbai h. 29-42

Midday Central Station h.11-43-37s Chennai: h.11-52-38s Delhi: h.12-04-45s Kolkata: h.11-20-07s Mumbai: h.12-22-17s

Friday, 10 Kartika, (ni) 17 Kartika, 1 November, 3 Rabiul'lawwal**Kali Ahargana:** 1870323 **Julian Day:** 2458788.5**Sunrise:** h. 6-05 **Sunset:** h. 17-22 **Moonrise:** h. 10-06 **Moonset:** h. 21-06**Tithi:** (Kartika Sukla) Panchami h. 24-51 **Nakshatra:** Mula h. 21-52 **Yoga:** Atiganda h. 7-57 **Karana:** Bava h. 12-50 then Balava h. 24-51 **Moon:** in Dhanus **Age of Moon:** 3.8 **Declination of Sun:** S 14° 16' **Sidereal Time (noon):** h. 14-24-35s **Equation of time:** 16m 25s**Lagna** Tula Begins: Chennai h. 29-04 Delhi h. 29-27 Kolkata h. 28-38 Mumbai h. 29-38

Midday Central Station h.11-43-35s Chennai: h.11-52-36s Delhi: h.12-04-43s Kolkata: h.11-20-05s Mumbai: h.12-22-15s

Jnana Panchami (Jain), Martyrdom day of Bhagat Kanwar Ram (Sindhi)**Saturday, 11 Kartika, (ni) 18 Kartika, 2 November, 4 Rabiul'lawwal****Kali Ahargana:** 1870324 **Julian Day:** 2458789.5**Sunrise:** h. 6-06 **Sunset:** h. 17-21 **Moonrise:** h. 11-01 **Moonset:** h. 21-59**Tithi:** (Kartika Sukla) Shashthi h. 25-31 **Nakshatra:** Purvasadha h. 23-01 **Yoga:** Sukarma h. 6-51 **Karana:** Kaulava h. 13-05 then Taitila h. 25-31 **Moon:** in Dhanus, enters Makara h. 29-26 **Age of Moon:** 4.8 **Declination of Sun:** S 14° 35' **Sidereal Time (noon):** h. 14-28-30s **Equation of time:** 16m 27s**Lagna** Tula Begins: Chennai h. 29-00 Delhi h. 29-23 Kolkata h. 28-34 Mumbai h. 29-34

Midday Central Station h.11-43-33s Chennai: h.11-52-34s Delhi: h.12-04-41s Kolkata: h.11-20-03s Mumbai: h.12-22-13s

Pratihara Shashthi or Surya Shashthi (Chhat-Bihar)**Sunday, 12 Kartika, (ni) 19 Kartika, 3 November, 5 Rabiul'lawwal****Kali Ahargana:** 1870325 **Julian Day:** 2458790.5**Sunrise:** h. 6-06 **Sunset:** h. 17-21 **Moonrise:** h. 11-51 **Moonset:** h. 22-53**Tithi:** (Kartika Sukla) Saptami h. 26-56 **Nakshatra:** Uttarasadha h. 24-55 **Yoga:** Dhriti h. 6-23 **Karana:** Gara h. 14-09 then vanij h. 26-56 **Moon:** in Makara **Age of Moon:** 5.8 **Declination of Sun:** S 14° 54' **Sidereal Time (noon):** h. 14-32-26s **Equation of time:** 16m 27s**Lagna** Vrischika Begins: Chennai h. 7-06 Delhi h. 7-43 Kolkata h. 6-48 Mumbai h. 7-44

Midday Central Station h.11-43-33s Chennai: h.11-52-34s Delhi: h.12-04-41s Kolkata: h.11-20-02s Mumbai: h.12-22-13s

Monday, 13 Kartika, (ni) 20 Kartika, 4 November, 6 Rabiul'lawwal**Kali Ahargana:** 1870326 **Julian Day:** 2458791.5**Sunrise:** h. 6-07 **Sunset:** h. 17-20 **Moonrise:** h. 12-36 **Moonset:** h. 23-47**Tithi:** (Kartika Siukla) Ashtami h. 28-57 **Nakshatra:** Sravana h. 27-23 **Yoga:** Sula h. 6-29 **Karana:** Vishti h. 15-53 then Bava h. 28-57 **Moon:** in Makara **Age of Moon:** 6.8 **Declination of Sun:** S 15° 12' **Sidereal Time (noon):** h. 14-36-23s **Equation of time:** 16m 27s**Lagna** Vrischika Begins: Chennai h. 7-02 Delhi h. 7-39 Kolkata h. 6-44 Mumbai h. 7-40

Midday Central Station h.11-43-33s Chennai: h.11-52-34s Delhi: h.12-04-41s Kolkata: h.11-20-03s Mumbai: h.12-22-13s

Sayana Vyatipata h. 28-04, Jupiter enters Nirayana Dhanus Rasi h. 29-17

Trivandrum Arat (Kerala), Gopashtami or Gosthashtami**Tuesday, 14 Kartika, (ni) 21 Kartika, 5 November, 7 Rabiul'lawwal****Kali Ahargana:** 1870327 **Julian Day:** 2458792.5**Sunrise:** h. 6-08 **Sunset:** h. 17-19 **Moonrise:** h. 13-18 **Moonset:** h. 24-39**Tithi:** (Kartika Sukla) Navami ahoratra **Nakshatra:** Dhanistha ahoratra **Yoga:** Ganda h. 7-00 **Karana:** Balava h. 18-07 **Moon:** in Makara, enters Kumbha h. 16-47 **Age of Moon:** 7.8 **Declination of Sun:** S 15° 31' **Sidereal Time (noon):** h. 14-40-20s **Equation of time:** 16m 26s**Lagna** Vrischika Begins: Chennai h. 6-59 Delhi h. 7-36 Kolkata h. 6-41 Mumbai h. 7-37

Midday Central Station h.11-43-34s Chennai: h.11-52-35s Delhi: h.12-04-42s Kolkata: h.11-20-03s Mumbai: h.12-22-14s

Jagaddhatri Puja, Akshaya Navami

Wednesday, 15 Kartika, (ni) 22 Kartika, 6 November, 8 Rabiul'lawwal

Kali Ahargana: 1870328 **Julian Day:** 2458793.5

Sunrise: h. 6-08 **Sunset:** h. 17-19 **Moonrise:** h. 13-55 **Moonset:** h. 25-30

Tithi: (Kartika Sukla) Navami h. 7-22 **Nakshatra:** Dhanistha h. 6-15 **Yoga:** Vriddhi h. 7-47 **Karana:** Kaulava h. 7-22 then Taitila h. 20-38 **Moon:** in Kumbha **Age of Moon:** 8.8 **Declination of Sun:** S 15° 49' **Sidereal Time (noon):** h. 14-44-18s **Equation of time:** 16m 25s

Lagna Vrischika Begins: Chennai h. 6-55 Delhi h. 7-32 Kolkata h. 6-37 Mumbai h. 7-33

Midday Central Station h.11-43-35s Chennai: h.11-52-36s Delhi: h.12-04-44s Kolkata: h.11-20-05s Mumbai: h.12-22-16s

Sun enters Visakha Nakshatra h. 26-04

Thursday, 16 Kartika, (ni) 23 Kartika, 7 November, 9 Rabiul'lawwal

Kali Ahargana: 1870329 **Julian Day:** 2458794.5

Sunrise: h. 6-09 **Sunset:** h. 17-18 **Moonrise:** h. 14-30 **Moonset:** h. 26-20

Tithi: (Kartika Sukla) Dasami h. 9-55 **Nakshatra:** Satabhisaj h. 9-15 **Yoga:** Dhruva h. 8-42 **Karana:** Gara h. 9-55 then vanij h. 23-11 **Moon:** in Kumbha, enters Mina h. 29-29 **Age of Moon:** 9.8 **Declination of Sun:** S 16° 07' **Sidereal Time (noon):** h. 14-48-18s **Equation of time:** 16m 22s

Lagna Vrischika Begins: Chennai h. 6-51 Delhi h. 7-28 Kolkata h. 6-33 Mumbai h. 7-29

Midday Central Station h.11-43-38s Chennai: h.11-52-39s Delhi: h.12-04-46s Kolkata: h.11-20-08s Mumbai: h.12-22-18s

Friday, 17 Kartika, (ni) 24 Kartika, 8 November, 10 Rabiul'lawwal

Kali Ahargana: 1870330 **Julian Day:** 2458795.5

Sunrise: h. 6-09 **Sunset:** h. 17-18 **Moonrise:** h. 15-04 **Moonset:** h. 27-10

Tithi: (Kartika Sukla) Ekadasi h. 12-25 **Nakshatra:** Purva Bhadrapada h. 12-12 **Yoga:** Vyaghata h. 9-33 **Karana:** Vishti h. 12-25 then Bava h. 25-34 **Moon:** in Mina **Age of Moon:** 10.8 **Declination of Sun:** S 16° 25' **Sidereal Time (noon):** h. 14-52-18s **Equation of time:** 16m 19s

Lagna Vrischika Begins: Chennai h. 6-47 Delhi h. 7-24 Kolkata h. 6-29 Mumbai h. 7-25

Midday Central Station h.11-43-41s Chennai: h.11-52-42s Delhi: h.12-04-49s Kolkata: h.11-20-11s Mumbai: h.12-22-22s

Tulasi Vivaha, Utthana or Deva Prabodhani Ekadasi

Saturday, 18 Kartika, (ni) 25 Kartika, 9 November, 11 Rabiul'lawwal

Kali Ahargana: 1870331 **Julian Day:** 2458796.5

Sunrise: h. 6-10 **Sunset:** h. 17-18 **Moonrise:** h. 15-37 **Moonset:** h. 28-00

Tithi: (Kartika Sukla) Dvadasi h. 14-40 **Nakshatra:** Uttara Bhadrapada h. 14-56 **Yoga:** Harshana h. 10-15 **Karana:** Balava h. 14-40 then Kaulava h. 27-39 **Moon:** in Mina **Age of Moon:** 11.8 **Declination of Sun:** S 16° 42' **Sidereal Time (noon):** h. 14-56-18s **Equation of time:** 16m 14s

Lagna Vrischika Begins: Chennai h. 6-43 Delhi h. 7-20 Kolkata h. 6-25 Mumbai h. 7-21

Midday Central Station h.11-43-46s Chennai: h.11-52-46s Delhi: h.12-04-54s Kolkata: h.11-20-15s Mumbai: h.12-22-26s

Sunday, 19 Kartika, (ni) 26 Kartika, 10 November, 12 Rabiul'lawwal

Kali Ahargana: 1870332 **Julian Day:** 2458797.5

Sunrise: h. 6-11 **Sunset:** h. 17-17 **Moonrise:** h. 16-10 **Moonset:** h. 28-51

Tithi: (Kartika Sukla) Trayodasi h. 16-33 **Nakshatra:** Revati h. 17-18 **Yoga:** Vajra h. 10-41 **Karana:** Taitila h. 16-33 then Gara h. 29-21 **Moon:** in Mina, enters Mesha h. 17-18 **Age of Moon:** 12.8 **Declination of Sun:** S 16° 59' **Sidereal Time (noon):** h. 15-00-20s **Equation of time:** 16m 09s

Lagna Vrischika Begins: Chennai h. 6-39 Delhi h. 7-16 Kolkata h. 6-21 Mumbai h. 7-17

Midday Central Station h.11-43-51s Chennai: h.11-52-52s Delhi: h.12-04-59s Kolkata: h.11-20-20s Mumbai: h.12-22-31s

Vaikuntha Chaturdasi (Pradosa),

Milad-un-Nabi or Id-e-Milad (Birthday of Prophet), **Fateha Dwaz Daham or Barawafat** (Moslem)

Monday, 20 Kartika, (ni) 27 Kartika, 11 November, 13 Rabiul'lawwal**Kali Ahargana:** 1870333 **Julian Day:** 2458798.5**Sunrise:** h. 6-11 **Sunset:** h. 17-17 **Moonrise:** h. 16-45 **Moonset:** h. 29-43**Tithi:** (Kartika Sukla) Chaturdasi h. 18-02 **Nakshatra:** Asvini h. 19-17 **Yoga:** Siddhi (Asrik) h. 10-48 **Karana:** vanij h. 18-02 **Moon:** in Mesha **Age of Moon:** 13.8 **Declination of Sun:** S 17° 16' **Sidereal Time (noon):** h. 15-04-22s **Equation of time:** 16m 04s**Lagna** Vrischika Begins: Chennai h. 6-35 Delhi h. 7-12 Kolkata h. 6-17 Mumbai h. 7-13

Midday Central Station h.11-43-56s Chennai: h.11-52-57s Delhi: h.12-05-05s Kolkata: h.11-20-26s Mumbai: h.12-22-37s

Vaikuntha Chaturdasi, Rasayatra (Smarta), **Transit of Mercury over the disc of the Sun** (not visible in India)**Transit of Mercury over the disc of the Sun, 20 Kartika 1941 SE , (ni) 27 Kartika 5120 K.E.,
November 11, 2019, Monday**

The transit is not visible in India.*

Area of Visibility: The transit of Mercury is visible from Middle East, most of Europe, Africa, southern Greenland, Antarctica, South America, North America (except Alaska), most of Oceania, New Zealand.

The entire transit will be visible from eastern North America, South America, Antarctica, extreme southern Greenland, extreme western Africa, and the Atlantic Ocean.

Circumstances of the Transit

	I.S.T.	
	h	m
Ingress, exterior contact	18	05
Ingress, interior contact	18	07
Egress, interior contact	23	33
Egress, exterior contact	23	34

Note:-** The Phenomenon just starts at few places of very extreme western part of Gujarat like Dwarka, Porbandar etc. at the time of sunset of those places.**Tuesday, 21 Kartika, (ni) 28 Kartika, 12 November, 14 Rabiul'lawwal*Kali Ahargana:** 1870334 **Julian Day:** 2458799.5**Sunrise:** h. 6-12 **Sunset:** h. 17-16 **Moonrise:** h. 17-22**Tithi:** (Kartika Sukla) Purnima h. 19-04 **Nakshatra:** Bharani h. 20-51 **Yoga:** Vyatipata h. 10-36 **Karana:** Vishti h. 6-36 then Bava h. 19-04 **Moon:** in Mesha, enters Vrisha h. 27-11 **Age of Moon:** 14.8 **Declination of Sun:** S 17° 33' **Sidereal Time (noon):** h. 15-08-26s **Equation of time:** 15m 57s**Lagna** Vrischika Begins: Chennai h. 6-31 Delhi h. 7-08 Kolkata h. 6-13 Mumbai h. 7-09

Midday Central Station h.11-44-03s Chennai: h.11-53-04s Delhi: h.12-05-11s Kolkata: h.11-20-33s Mumbai: h.12-22-43s

Kartiki Purnima, Rathayatra (Jain), **Guru Nanak's Birthday** (According to tithi),**Pushkar fair** (Ajmer), **Rasayatra** (Vaisnava), **Tripurotsava****Wednesday, 22 Kartika, (ni) 29 Kartika, 13 November, 15 Rabiul'lawwal****Kali Ahargana:** 1870335 **Julian Day:** 2458800.5**Sunrise:** h. 6-12 **Sunset:** h. 17-16 **Moonset:** h. 6-38 **Moonrise:** h. 18-02**Tithi:** (Kartika Krishna) Pratipad h. 19-42 **Nakshatra:** Krittika h. 22-01 **Yoga:** Variyan h. 10-04 **Karana:** Balava h. 7-26 then Kaulava h. 19-42 **Moon:** in Vrisha **Age of Moon:** 15.8 **Declination of Sun:** S 17° 49' **Sidereal Time (noon):** h. 15-12-30s **Equation of time:** 15m 49s**Lagna** Vrischika Begins: Chennai h. 6-27 Delhi h. 7-04 Kolkata h. 6-09 Mumbai h. 7-05

Midday Central Station h.11-44-11s Chennai: h.11-53-12s Delhi: h.12-05-19s Kolkata: h.11-20-40s Mumbai: h.12-22-51s

Thursday, 23 Kartika, (ni) 30 Kartika, 14 November, 16 Rabiul'lawwal

Kali Ahargana: 1870336 **Julian Day:** 2458801.5

Sunrise: h. 6-13 **Sunset:** h. 17-16 **Moonset:** h. 7-34 **Moonrise:** h. 18-47

Tithi: (Kartika Krishna) Dvitiya h. 19-55 **Nakshatra:** Rohini h. 22-47 **Yoga:** Parigha h. 9-13 **Karana:** Taitila h. 7-51 then Gara h. 19-55 **Moon:** in Vrisha **Age of Moon:** 16.8 **Declination of Sun:** S 18° 05' **Sidereal Time (noon):** h. 15-16-35s **Equation of time:** 15m 41s

Lagna Vrischika Begins: Chennai h. 6-23 Delhi h. 7-00 Kolkata h. 6-05 Mumbai h. 7-01

Midday Central Station h.11-44-19s Chennai: h.11-53-20s Delhi: h.12-05-27s Kolkata: h.11-20-49s Mumbai: h.12-22-59s

Children's Day (Nehru's Birthday)

Friday, 24 Kartika, (ni) 1 Agrahayana, 15 November, 17 Rabiul'lawwal

Kali Ahargana: 1870337 **Julian Day:** 2458802.5

Sunrise: h. 6-14 **Sunset:** h. 17-15 **Moonset:** h. 8-32 **Moonrise:** h. 19-37

Tithi: (Kartika Krishna) Tritiya h. 19-46 **Nakshatra:** Mrigasiras h. 23-12 **Yoga:** Siva h. 8-04 **Karana:** vanij h. 7-53 then Vishti h. 19-46 **Moon:** in Vrisha, enters Mithuna h. 11-02 **Age of Moon:** 17.8 **Declination of Sun:** S 18° 21' **Sidereal Time (noon):** h. 15-20-41s **Equation of time:** 15m 32s

Lagna Vrischika Begins: Chennai h. 6-19 Delhi h. 6-56 Kolkata h. 6-01 Mumbai h. 6-57

Midday Central Station h.11-44-28s Chennai: h.11-53-29s Delhi: h.12-05-37s Kolkata: h.11-20-58s Mumbai: h.12-23-09s

Saura Margasirsadi h. 27-54

Id-e-Maulad (Moslem)

Saturday, 25 Kartika, (ni) 2 Agrahayana, 16 November, 18 Rabiul'lawwal

Kali Ahargana: 1870338 **Julian Day:** 2458803.5

Sunrise: h. 6-14 **Sunset:** h. 17-15 **Moonset:** h. 9-30 **Moonrise:** h. 20-32

Tithi: (Kartika Krishna) Chaturthi h. 19-15 **Nakshatra:** Ardra h. 23-16 **Yoga:** Siddha h. 6-38 then Sadhya h. 28-55 **Karana:** Bava h. 7-33 then Balava h. 19-15 **Moon:** in Mithuna **Age of Moon:** 18.8 **Declination of Sun:** S 18° 36' **Sidereal Time (noon):** h. 15-24-47s **Equation of time:** 15m 21s

Lagna Vrischika Begins: Chennai h. 6-15 Delhi h. 6-52 Kolkata h. 5-57 Mumbai h. 6-53

Midday Central Station h.11-44-39s Chennai: h.11-53-40s Delhi: h.12-05-47s Kolkata: h.11-21-08s Mumbai: h.12-23-19s

Sun enters Nirayana Vrischika Rasi h. 24-51

Sunday, 26 Kartika, (ni) 3 Agrahayana, 17 November, 19 Rabiul'lawwal

Kali Ahargana: 1870339 **Julian Day:** 2458804.5

Sunrise: h. 6-15 **Sunset:** h. 17-15 **Moonset:** h. 10-26 **Moonrise:** h. 21-31

Tithi: (Kartika Krishna) Panchami h. 18-23 **Nakshatra:** Punarvasu h. 22-59 **Yoga:** Subha h. 26-56 **Karana:** Kaulava h. 6-52, Taitila h. 18-23 then Gara h. 29-49 **Moon:** in Mithuna, enters Karkata h. 17-05 **Age of Moon:** 19.8 **Declination of Sun:** S 18° 51' **Sidereal Time (noon):** h. 15-28-55s **Equation of time:** 15m 10s

Lagna Vrischika Begins: Chennai h. 6-11 / 30-07 Delhi h. 6-48 / 30-44 Kolkata h. 5-53 / 29-49 Mumbai h. 6-49 / 30-45

Midday Central Station h.11-44-50s Chennai: h.11-53-51s Delhi: h.12-05-58s Kolkata: h.11-21-19s Mumbai: h.12-23-30s

Death anniversary of Lala Lajpat Rai, Kartika Puja

Monday, 27 Kartika, (ni) 4 Agrahayana, 18 November, 20 Rabiul'lawwal

Kali Ahargana: 1870340 **Julian Day:** 2458805.5

Sunrise: h. 6-16 **Sunset:** h. 17-14 **Moonset:** h. 11-20 **Moonrise:** h. 22-31

Tithi: (Kartika Krishna) Shashthi h. 17-10 **Nakshatra:** Pushya h. 22-21 **Yoga:** Sukla (Sukra) h. 24-39 **Karana:** Vanij h. 17-10 then Vishti h. 28-25 **Moon:** in Karkata **Age of Moon:** 20.8 **Declination of Sun:** S 19° 06' **Sidereal Time (noon):** h. 15-33-03s **Equation of time:** 14m 59s

Lagna Vrischika Begins: Chennai h. 30-04 Delhi h. 30-41 Kolkata h. 29-46 Mumbai h. 30-42

Midday Central Station h.11-45-01s Chennai: h.11-54-02s Delhi: h.12-06-10s Kolkata: h.11-21-31s Mumbai: h.12-23-42s

Sayana Vaidhriti h. 11-12

Tuesday, 28 Kartika, (ni) 5 Agrahayana, 19 November, 21 Rabiul'lawwal

Kali Ahargana: 1870341 **Julian Day:** 2458806.5

Sunrise: h. 6-16 **Sunset:** h. 17-14 **Moonset:** h. 12-09 **Moonrise:** h. 23-34

Tithi: (Kartika Krishna) Saptami h. 15-36 **Nakshatra:** Aslesha h. 21-22 **Yoga:** Brahma h. 22-06 **Karana:** Bava h. 15-36 then Balava h. 26-41 **Moon:** in Karkata, enters Simha h. 21-22 **Age of Moon:** 21.8 **Declination of Sun:** S 19° 20' **Sidereal Time (noon):** h. 15-37-13s **Equation of time:** 14m 46s

Lagna Vrischika Begins: Chennai h. 30-00 Delhi h. 30-37 Kolkata h. 29-42 Mumbai h. 30-38

Midday Central Station h.11-45-14s Chennai: h.11-54-15s Delhi: h.12-06-22s Kolkata: h.11-21-44s Mumbai: h.12-23-54s

Kalashtami

Wednesday, 29 Kartika, (ni) 6 Agrahayana, 20 November, 22 Rabiul'lawwal

Kali Ahargana: 1870342 **Julian Day:** 2458807.5

Sunrise: h. 6-17 **Sunset:** h. 17-14 **Moonset:** h. 12-55 **Moonrise:** h. 24-35

Tithi: (Kartika Krishna) Ashtami h. 13-41 **Nakshatra:** Magha h. 20-04 **Yoga:** Indra h. 19-17 **Karana:** Kaulava h. 13-41 then Taitila h. 24-37 **Moon:** in Simha **Age of Moon:** 22.8 **Declination of Sun:** S 19° 34' **Sidereal Time (noon):** h. 15-41-23s **Equation of time:** 14m 32s

Lagna Vrischika Begins: Chennai h. 29-56 Delhi h. 30-33 Kolkata h. 29-38 Mumbai h. 30-34

Midday Central Station h.11-45-28s Chennai: h.11-54-29s Delhi: h.12-06-36s Kolkata: h.11-21-57s Mumbai: h.12-24-08s

Sun enters Anuradha Nakshatra h. 8-12

Prathamashstami (Odisha), **Vaikatashtami** (Kerala), **Birthday Celebration of Prof. Ram Panjwani** (Sindhi)

Thursday, 30 Kartika, (ni) 7 Agrahayana, 21 November, 23 Rabiul'lawwal

Kali Ahargana: 1870343 **Julian Day:** 2458808.5

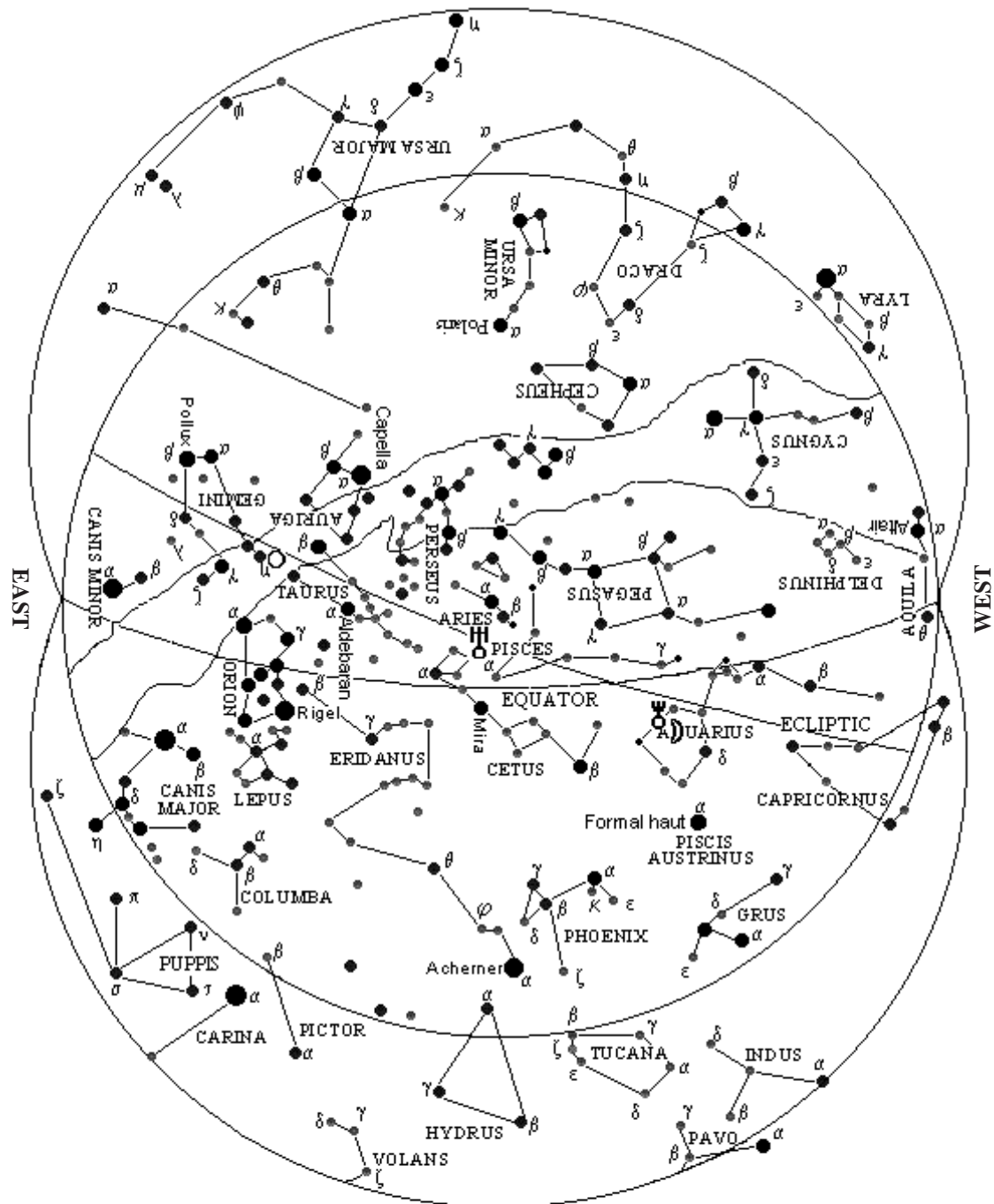
Sunrise: h. 6-18 **Sunset:** h. 17-14 **Moonset:** h. 13-38 **Moonrise:** h. 25-37

Tithi: (Kartika Krishna) Navami h. 11-29 **Nakshatra:** Purva Phalguni h. 18-29 **Yoga:** Vaidhriti h. 16-14 **Karana:** Gara h. 11-29 then vanij h. 22-17 **Moon:** in Simha, enters Kanya h. 24-03 **Age of Moon:** 23.8 **Declination of Sun:** S 19° 48' **Sidereal Time (noon):** h. 15-45-34s **Equation of time:** 14m 18s

Lagna Vrischika Begins: Chennai h. 29-52 Delhi h. 30-29 Kolkata h. 29-34 Mumbai h. 30-30

Midday Central Station h.11-45-42s Chennai: h.11-54-43s Delhi: h.12-06-50s Kolkata: h.11-22-11s Mumbai: h.12-24-22s

STAR CHART FOR THE MONTH OF DECEMBER, 2019 (10 AGRAHAYANA - 10 PAUSHA) 0° TO 40°N
HLXON



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 12TH ♃ URANUS
 ☾ FIRST QUARTER 4TH ♆ NEPTUNE

Month of AGRAHAYANA : 30 days :: Vedic Month : Sahasya (Dhanus)

Nirayana months: 8 Agrahayana, 5120 Kali to 7 Pausha, 5120 Kali :: 23 and 7 days

Hemanta Ritu : 2nd Month :: Dakshinayana : Dakshina Gola

Sun in Vrischika, enters Dhanus on 25th :: Ayanamsa on 1st Agrahayana : 24° 07' 48"

Kali Ahargana : 1870344 - 1870373, *Julian Day* : 2458809.5 - 2458838.5

(Nirayana) Pausha begins on 24 Agrahayana, 15 December, 2019

Friday, 1 Agrahayana, (ni) 8 Agrahayana, 22 November, 24 Rabiul'lawwal

Kali Ahargana: 1870344 **Julian Day:** 2458809.5

Sunrise: h. 6-18 **Sunset:** h. 17-14 **Moonset:** h. 14-19 **Moonrise:** h. 26-38

Tithi: (Kartika Krishna) Dasami h. 9-02 **Nakshatra:** Uttara Phalguni h. 16-41 **Yoga:** Viskumbha h. 13-00 **Karana:** Vishti h. 9-02 then Bava h. 19-44 **Moon:** in Kanya **Age of Moon:** 24.8 **Declination of Sun:** S 20° 01' **Sidereal Time (noon):** h. 15-49-46s **Equation of time:** 14m 03s

Lagna Vrischika Begins: Chennai h. 29-48 Delhi h. 30-25 Kolkata h. 29-30 Mumbai h. 30-26

Midday Central Station h.11-45-57s Chennai: h.11-54-58s Delhi: h.12-07-05s Kolkata: h.11-22-27s Mumbai: h.12-24-38s

Sun enters Tropical Sagittarius h. 20-29

Utpanna Ekadasi (Smarta)

Saturday, 2 Agrahayana, (ni) 9 Agrahayana, 23 November, 25 Rabiul'lawwal

Kali Ahargana: 1870345 **Julian Day:** 2458810.5

Sunrise: h. 6-19 **Sunset:** h. 17-13 **Moonset:** h. 15-00 **Moonrise:** h. 27-40

Tithi: (Kartika Krishna) Ekadasi h. 6-24 then Dvadasi h. 27-43 **Nakshatra:** Hasta h. 14-45 **Yoga:** Priti h. 9-38 then Ayusman h. 30-14 **Karana:** Balava h. 6-24, Kaulava h. 17-04 then Taitila h. 27-43 **Moon:** in Kanya, enters Tula h. 25-46 **Age of Moon:** 25.8 **Declination of Sun:** S 20° 14' **Sidereal Time (noon):** h. 15-53-58s **Equation of time:** 13m 47s

Lagna Vrischika Begins: Chennai h. 29-44 Delhi h. 30-21 Kolkata h. 29-26 Mumbai h. 30-22

Midday Central Station h.11-46-13s Chennai: h.11-55-14s Delhi: h.12-07-22s Kolkata: h.11-22-43s Mumbai: h.12-24-54s

Trisprisa Mahadvadasi, Ekadasi (Vaishnava & Vidhava)

Sunday, 3 Agrahayana, (ni) 10 Agrahayana, 24 November, 26 Rabiul'lawwal

Kali Ahargana: 1870346 **Julian Day:** 2458811.5

Sunrise: h. 6-20 **Sunset:** h. 17-13 **Moonset:** h. 15-41 **Moonrise:** h. 28-42

Tithi: (Kartika Krishna) Trayodasi h. 25-06 **Nakshatra:** Chitra h. 12-47 **Yoga:** Saubhagya h. 26-54 **Karana:** Gara h. 14-24 then vanij h. 25-06 **Moon:** in Tula **Age of Moon:** 26.8 **Declination of Sun:** S 20° 26' **Sidereal Time (noon):** h. 15-58-12s **Equation of time:** 13m 30s

Lagna Vrischika Begins: Chennai h. 29-40 Delhi h. 30-17 Kolkata h. 29-22 Mumbai h. 30-18

Midday Central Station h.11-46-30s Chennai: h.11-55-31s Delhi: h.12-07-38s Kolkata: h.11-22-59s Mumbai: h.12-25-11s

Guru Teg Bahadur's Martyrdom Day

Monday, 4 Agrahayana, (ni) 11 Agrahayana, 25 November, 27 Rabiul'lawwal

Kali Ahargana: 1870347 **Julian Day:** 2458812.5

Sunrise: h. 6-20 **Sunset:** h. 17-13 **Moonset:** h. 16-24 **Moonrise:** h. 29-45

Tithi: (Kartika Krishna) Chaturdasi h. 22-41 **Nakshatra:** Svati h. 10-57 **Yoga:** Sobhana h. 23-44 **Karana:** Vishti h. 11-51 then Sakuni h. 22-41 **Moon:** in Tula, enters Vrischika h. 27-44 **Age of Moon:** 27.8 **Declination of Sun:** S 20° 38' **Sidereal Time (noon):** h. 16-02-26s **Equation of time:** 13m 12s

Lagna Vrischika Begins: Chennai h. 29-36 Delhi h. 30-13 Kolkata h. 29-18 Mumbai h. 30-14

Midday Central Station h.11-46-48s Chennai: h.11-55-49s Delhi: h.12-07-56s Kolkata: h.11-23-17s Mumbai: h.12-25-28s

Tuesday, 5 Agrahayana, (ni) 12 Agrahayana, 26 November, 28 Rabiul'lawwal

Kali Ahargana: 1870348 **Julian Day:** 2458813.5

Sunrise: h. 6-21 **Sunset:** h. 17-13 **Moonset:** h. 17-10

Tithi: (Kartika Krishna) Amavasya h. 20-36 **Nakshatra:** Visakha h. 9-23 **Yoga:** Atiganda h. 20-51 **Karana:** Chatuspada h. 9-35 then Naga h. 20-36 **Moon:** in Vrischika **Age of Moon:** 28.8 **Declination of Sun:** S 20° 50' **Sidereal Time (noon):** h. 16-06-41s
Equation of time: 12m 54s

Lagna Vrischika Begins: Chennai h. 29-32 Delhi h. 30-09 Kolkata h. 29-14 Mumbai h. 30-10

Midday Central Station h.11-47-06s Chennai: h.11-56-07s Delhi: h.12-08-14s Kolkata: h.11-23-35s Mumbai: h.12-25-47s

Wednesday, 6 Agrahayana, (ni) 13 Agrahayana, 27 November, 29 Rabiul'lawwal

Kali Ahargana: 1870349 **Julian Day:** 2458814.5

Sunrise: h. 6-22 **Sunset:** h. 17-13 **Moonrise:** h. 6-47 **Moonset:** h. 17-59

Tithi: (Margasirsa Sukla) Pratipad h. 18-59 **Nakshatra:** Anuradha h. 8-12 **Yoga:** Sukarma h. 18-21 **Karana:** Kinstughna h. 7-43 then Bava h. 18-59 **Moon:** in Vrischika **Age of Moon:** 0.4 **Declination of Sun:** S 21° 01' **Sidereal Time (noon):** h. 16-10-56s
Equation of time: 12m 35s

Lagna Vrischika Begins: Chennai h. 29-28 Delhi h. 30-05 Kolkata h. 29-10 Mumbai h. 30-06

Midday Central Station h.11-47-25s Chennai: h.11-56-26s Delhi: h.12-08-33s Kolkata: h.11-23-55s Mumbai: h.12-26-06s

Thursday, 7 Agrahayana, (ni) 14 Agrahayana, 28 November, 30 Rabiul'lawwal

Kali Ahargana: 1870350 **Julian Day:** 2458815.5

Sunrise: h. 6-22 **Sunset:** h. 17-13 **Moonrise:** h. 7-49 **Moonset:** h. 18-51

Tithi: (Margasirsa Sukla) Dvitiya h. 17-59 **Nakshatra:** Jyestha h. 7-34 **Yoga:** Dhriti h. 16-18 **Karana:** Balava h. 6-24, Kaulava h. 17-59 then Taitila h. 29-44 **Moon:** in Vrischika, enters Dhanus h. 7-34 **Age of Moon:** 1.4 **Declination of Sun:** S 21° 12' **Sidereal Time (noon):** h. 16-15-13s **Equation of time:** 12m 15s

Lagna Vrischika Begins: Chennai h. 29-24 Delhi h. 30-01 Kolkata h. 29-06 Mumbai h. 30-02

Midday Central Station h.11-47-45s Chennai: h.11-56-46s Delhi: h.12-08-53s Kolkata: h.11-24-14s Mumbai: h.12-26-26s

Friday, 8 Agrahayana, (ni) 15 Agrahayana, 29 November, 1 Rabiul' Sani

Kali Ahargana: 1870351 **Julian Day:** 2458816.5

Sunrise: h. 6-23 **Sunset:** h. 17-13 **Moonrise:** h. 8-47 **Moonset:** h. 19-46

Tithi: (Margasirsa Sukla) Tritiya h. 17-40 **Nakshatra:** Mula h. 7-34 **Yoga:** Sula h. 14-49 **Karana:** Gara h. 17-40 then Vanij h. 29-47 **Moon:** in Dhanus **Age of Moon:** 2.4 **Declination of Sun:** S 21° 23' **Sidereal Time (noon):** h. 16-19-30s **Equation of time:** 11m 54s

Lagna Vrischika Begins: Chennai h. 29-20 Delhi h. 29-57 Kolkata h. 29-02 Mumbai h. 29-58

Midday Central Station h.11-48-06s Chennai: h.11-57-07s Delhi: h.12-09-14s Kolkata: h.11-24-35s Mumbai: h.12-26-46s

Saturday, 9 Agrahayana, (ni) 16 Agrahayana, 30 November, 2 Rabiul' Sani

Kali Ahargana: 1870352 **Julian Day:** 2458817.5

Sunrise: h. 6-24 **Sunset:** h. 17-13 **Moonrise:** h. 9-41 **Moonset:** h. 20-41

Tithi: (Margasirsa Sukla) Chaturthi h. 18-05 **Nakshatra:** Purvasadha h. 8-16 **Yoga:** Ganda h. 13-53 **Karana:** Vishti h. 18-05 **Moon:** in Dhanus, enters Makara h. 14-33 **Age of Moon:** 3.4 **Declination of Sun:** S 21° 33' **Sidereal Time (noon):** h. 16-23-48s
Equation of time: 11m 33s

Lagna Vrischika Begins: Chennai h. 29-16 Delhi h. 29-53 Kolkata h. 28-58 Mumbai h. 29-54

Midday Central Station h.11-48-27s Chennai: h.11-57-28s Delhi: h.12-09-35s Kolkata: h.11-24-56s Mumbai: h.12-27-07s

Sayana Vyatipata h. 11-08

Sunday, 10 Agrahayana, (ni) 17 Agrahayana, 1 December, 3 Rabi-us' Sani

Kali Ahargana: 1870353 **Julian Day:** 2458818.5

Sunrise: h. 6-25 **Sunset:** h. 17-13 **Moonrise:** h. 10-30 **Moonset:** h. 21-36

Tithi: (Margasirsa Sukla) Panchami h. 19-13 **Nakshatra:** Uttarasadha h. 9-40 **Yoga:** Vriddhi h. 13-30 **Karana:** Bava h. 6-34 then Balava h. 19-13 **Moon:** in Makara **Age of Moon:** 4.4 **Declination of Sun:** S 21° 43' **Sidereal Time (noon):** h. 16-28-06s **Equation of time:** 11m 11s

Lagna Vrischika Begins: Chennai h. 29-12 Delhi h. 29-49 Kolkata h. 28-54 Mumbai h. 29-50

Midday Central Station h.11-48-49s Chennai: h.11-57-50s Delhi: h.12-09-57s Kolkata: h.11-25-18s Mumbai: h.12-27-29s

First Sunday in Advent (Christian)

Monday, 11 Agrahayana, (ni) 18 Agrahayana, 2 December, 4 Rabi-us' Sani

Kali Ahargana: 1870354 **Julian Day:** 2458819.5

Sunrise: h. 6-25 **Sunset:** h. 17-13 **Moonrise:** h. 11-14 **Moonset:** h. 22-29

Tithi: (Margasirsa Sukla) Shashthi h. 21-00 **Nakshatra:** Sravana h. 11-43 **Yoga:** Dhruva h. 13-37 **Karana:** Kaulava h. 8-02 then Taitila h. 21-00 **Moon:** in Makara, enters Kumbha h. 24-57 **Age of Moon:** 5.4 **Declination of Sun:** S 21° 52' **Sidereal Time (noon):** h. 16-32-26s **Equation of time:** 10m 49s

Lagna Dhanus Begins: Chennai h. 7-24 Delhi h. 8-07 Kolkata h. 7-09 Mumbai h. 8-04

Midday Central Station h.11-49-11s Chennai: h.11-58-12s Delhi: h.12-10-20s Kolkata: h.11-25-41s Mumbai: h.12-27-52s

Subrahmanya Shashthi (S.india), Champa Shashthi (Maharashtra), Mulakrupini Shashthi (Bengal), Guha Shashthi

Tuesday, 12 Agrahayana, (ni) 19 Agrahayana, 3 December, 5 Rabi-us' Sani

Kali Ahargana: 1870355 **Julian Day:** 2458820.5

Sunrise: h. 6-26 **Sunset:** h. 17-13 **Moonrise:** h. 11-53 **Moonset:** h. 23-22

Tithi: (Margasirsa Sukla) Saptami h. 23-14 **Nakshatra:** Dhanistha h. 14-17 **Yoga:** Vyaghata h. 14-08 **Karana:** Gara h. 10-04 then vanij h. 23-14 **Moon:** in Kumbha **Age of Moon:** 6.4 **Declination of Sun:** S 22° 01' **Sidereal Time (noon):** h. 16-36-45s **Equation of time:** 10m 26s

Lagna Dhanus Begins: Chennai h. 7-20 Delhi h. 8-03 Kolkata h. 7-05 Mumbai h. 8-00

Midday Central Station h.11-49-34s Chennai: h.11-58-35s Delhi: h.12-10-43s Kolkata: h.11-26-04s Mumbai: h.12-28-15s

Sun enters Jyestha Nakshatra h. 12-24

Mitra Saptami

Wednesday, 13 Agrahayana, (ni) 20 Agrahayana, 4 December, 6 Rabi-us' Sani

Kali Ahargana: 1870356 **Julian Day:** 2458821.5

Sunrise: h. 6-27 **Sunset:** h. 17-14 **Moonrise:** h. 12-29 **Moonset:** h. 24-12

Tithi: (Margasirsa Sukla) Ashtami h. 25-44 **Nakshatra:** Satabhisaj h. 17-09 **Yoga:** Harshana h. 14-53 **Karana:** Vishti h. 12-28 then Bava h. 25-44 **Moon:** in Kumbha **Age of Moon:** 7.4 **Declination of Sun:** S 22° 10' **Sidereal Time (noon):** h. 16-41-06s **Equation of time:** 10m 02s

Lagna Dhanus Begins: Chennai h. 7-17 Delhi h. 8-00 Kolkata h. 7-02 Mumbai h. 7-57

Midday Central Station h.11-49-58s Chennai: h.11-58-59s Delhi: h.12-11-06s Kolkata: h.11-26-27s Mumbai: h.12-28-39s

Thursday, 14 Agrahayana, (ni) 21 Agrahayana, 5 December, 7 Rabi-us' Sani

Kali Ahargana: 1870357 **Julian Day:** 2458822.5

Sunrise: h. 6-27 **Sunset:** h. 17-14 **Moonrise:** h. 13-03 **Moonset:** h. 25-02

Tithi: (Margasirsa Sukla) Navami h. 28-16 **Nakshatra:** Purva Bhadrapada h. 20-07 **Yoga:** Vajra h. 15-44 **Karana:** Balava h. 15-01 then Kaulava h. 28-16 **Moon:** in Kumbha, enters Mina h. 13-23 **Age of Moon:** 8.4 **Declination of Sun:** S 22° 18' **Sidereal Time (noon):** h. 16-45-27s **Equation of time:** 9m 38s

Lagna Dhanus Begins: Chennai h. 7-13 Delhi h. 7-56 Kolkata h. 6-58 Mumbai h. 7-53

Midday Central Station h.11-50-22s Chennai: h.11-59-23s Delhi: h.12-11-31s Kolkata: h.11-26-52s Mumbai: h.12-29-03s

Friday, 15 Agrahayana, (ni) 22 Agrahayana, 6 December, 8 Rabi-us' Sani**Kali Ahargana:** 1870358 **Julian Day:** 2458823.5**Sunrise:** h. 6-28 **Sunset:** h. 17-14 **Moonrise:** h. 13-36 **Moonset:** h. 25-51**Tithi:** (Margasirsa Sukla) Dasami ahoratra **Nakshatra:** Uttara Bhadrapada h. 22-57 **Yoga:** Siddhi (Asrik) h. 16-30 **Karana:** Taitila h. 17-27 **Moon:** in Mina **Age of Moon:** 9.4 **Declination of Sun:** S 22° 25' **Sidereal Time (noon):** h. 16-49-48s **Equation of time:** 9m 13s**Lagna** Dhanus Begins: Chennai h. 7-09 Delhi h. 7-52 Kolkata h. 6-54 Mumbai h. 7-49

Midday Central Station h.11-50-47s Chennai: h.11-59-48s Delhi: h.12-11-56s Kolkata: h.11-27-17s Mumbai: h.12-29-28s

Saturday, 16 Agrahayana, (ni) 23 Agrahayana, 7 December, 9 Rabi-us' Sani**Kali Ahargana:** 1870359 **Julian Day:** 2458824.5**Sunrise:** h. 6-29 **Sunset:** h. 17-14 **Moonrise:** h. 14-09 **Moonset:** h. 26-41**Tithi:** (Margasirsa Sukla) Dasami h. 6-34 **Nakshatra:** Revati h. 25-28 **Yoga:** Vyatipata h. 17-03 **Karana:** Gara h. 6-34 then vanij h. 19-36 **Moon:** in Mina, enters Mesha h. 25-28 **Age of Moon:** 10.4 **Declination of Sun:** S 22° 33' **Sidereal Time (noon):** h. 16-54-10s **Equation of time:** 8m 47s**Lagna** Dhanus Begins: Chennai h. 7-05 Delhi h. 7-48 Kolkata h. 6-50 Mumbai h. 7-45

Midday Central Station h.11-51-13s Chennai: h.12-00-14s Delhi: h.12-12-21s Kolkata: h.11-27-42s Mumbai: h.12-29-53s

Sunday, 17 Agrahayana, (ni) 24 Agrahayana, 8 December, 10 Rabi-us' Sani**Kali Ahargana:** 1870360 **Julian Day:** 2458825.5**Sunrise:** h. 6-29 **Sunset:** h. 17-14 **Moonrise:** h. 14-42 **Moonset:** h. 27-33**Tithi:** (Margasirsa Sukla) Ekadasi h. 8-30 **Nakshatra:** Asvini h. 27-30 **Yoga:** Variyan h. 17-15 **Karana:** Vishti h. 8-30 then Bava h. 21-16 **Moon:** in Mesha **Age of Moon:** 11.4 **Declination of Sun:** S 22° 39' **Sidereal Time (noon):** h. 16-58-33s **Equation of time:** 8m 22s**Lagna** Dhanus Begins: Chennai h. 7-01 Delhi h. 7-44 Kolkata h. 6-46 Mumbai h. 7-41

Midday Central Station h.11-51-38s Chennai: h.12-00-40s Delhi: h.12-12-47s Kolkata: h.11-28-08s Mumbai: h.12-30-19s

Mauna Ekadasi (Jain), Mokshada Ekadasi, Gita Jayanti**Monday, 18 Agrahayana, (ni) 25 Agrahayana, 9 December, 11 Rabi-us' Sani****Kali Ahargana:** 1870361 **Julian Day:** 2458826.5**Sunrise:** h. 6-30 **Sunset:** h. 17-15 **Moonrise:** h. 15-19 **Moonset:** h. 28-27**Tithi:** (Margasirsa Sukla) Dvadasi h. 9-54 **Nakshatra:** Bharani h. 29-00 **Yoga:** Parigha h. 17-03 **Karana:** Balava h. 9-54 then Kaulava h. 22-23 **Moon:** in Mesha **Age of Moon:** 12.4 **Declination of Sun:** S 22° 46' **Sidereal Time (noon):** h. 17-02-56s **Equation of time:** 7m 55s**Lagna** Dhanus Begins: Chennai h. 6-57 Delhi h. 7-40 Kolkata h. 6-42 Mumbai h. 7-37

Midday Central Station h.11-52-05s Chennai: h.12-01-06s Delhi: h.12-13-13s Kolkata: h.11-28-34s Mumbai: h.12-30-46s

Akhanda Dvadasi, Bharani Dipam, Fateha Yazdaham (Giarhween Sharif) (Moslem)**Tuesday, 19 Agrahayana, (ni) 26 Agrahayana, 10 December, 12 Rabi-us' Sani****Kali Ahargana:** 1870362 **Julian Day:** 2458827.5**Sunrise:** h. 6-30 **Sunset:** h. 17-15 **Moonrise:** h. 15-58 **Moonset:** h. 29-23**Tithi:** (Margasirsa Sukla) Trayodasi h. 10-44 **Nakshatra:** Krittika h. 29-57 **Yoga:** Siva h. 16-25 **Karana:** Taitila h. 10-44 then Gara h. 22-56 **Moon:** in Mesha, enters Vrisha h. 11-18 **Age of Moon:** 13.4 **Declination of Sun:** S 22° 52' **Sidereal Time (noon):** h. 17-07-19s **Equation of time:** 7m 28s**Lagna** Dhanus Begins: Chennai h. 6-53 Delhi h. 7-36 Kolkata h. 6-38 Mumbai h. 7-33

Midday Central Station h.11-52-32s Chennai: h.12-01-33s Delhi: h.12-13-40s Kolkata: h.11-29-01s Mumbai: h.12-31-12s

Krittika Dipam

Wednesday, 20 Agrahayana, (ni) 27 Agrahayana, 11 December, 13 Rabi-us' Sani**Kali Ahargana:** 1870363 **Julian Day:** 2458828.5**Sunrise:** h. 6-31 **Sunset:** h. 17-15 **Moonrise:** h. 16-41 **Moonset:** h. 30-21

Tithi: (Margasirsa Sukla) Chaturdasi h. 10-59 **Nakshatra:** Rohini h. 30-22 **Yoga:** Siddha h. 15-20 **Karana:** vanij h. 10-59 then Vishti h. 22-55 **Moon:** in Vrisha **Age of Moon:** 14.4 **Declination of Sun:** S 22° 57' **Sidereal Time (noon):** h. 17-11-43s
Equation of time: 7m 01s

Lagna Dhanus Begins: Chennai h. 6-49 Delhi h. 7-32 Kolkata h. 6-34 Mumbai h. 7-29

Midday Central Station h.11-52-59s Chennai: h.12-02-00s Delhi: h.12-14-07s Kolkata: h.11-29-28s Mumbai: h.12-31-40s

Shri Dutta Jayanti (Maharashtra), **Dattatreya Jayanti****Thursday, 21 Agrahayana, (ni) 28 Agrahayana, 12 December, 14 Rabi-us' Sani****Kali Ahargana:** 1870364 **Julian Day:** 2458829.5**Sunrise:** h. 6-32 **Sunset:** h. 17-15 **Moonrise:** h. 17-30

Tithi: (Margasirsa Sukla) Purnima h. 10-42 **Nakshatra:** Mrigasiras h. 30-18 **Yoga:** Sadhya h. 13-50 **Karana:** Bava h. 10-42 then Balava h. 22-23 **Moon:** in Vrisha, enters Mithuna h. 18-23 **Age of Moon:** 15.4 **Declination of Sun:** S 23° 02' **Sidereal Time (noon):** h. 17-16-07s **Equation of time:** 6m 34s

Lagna Dhanus Begins: Chennai h. 6-45 Delhi h. 7-28 Kolkata h. 6-30 Mumbai h. 7-25

Midday Central Station h.11-53-26s Chennai: h.12-02-27s Delhi: h.12-14-35s Kolkata: h.11-29-56s Mumbai: h.12-32-07s

Huthri-3 days (Coorg), **Margi Purnima****Friday, 22 Agrahayana, (ni) 29 Agrahayana, 13 December, 15 Rabi-us' Sani****Kali Ahargana:** 1870365 **Julian Day:** 2458830.5**Sunrise:** h. 6-32 **Sunset:** h. 17-16 **Moonset:** h. 7-21 **Moonrise:** h. 18-24

Tithi: (Margasirsa Krishna) Pratipad h. 9-57 **Nakshatra:** Ardra h. 29-51 **Yoga:** Subha h. 11-59 **Karana:** Kaulava h. 9-57 then Taitila h. 21-25 **Moon:** in Mithuna **Age of Moon:** 16.4 **Declination of Sun:** S 23° 06' **Sidereal Time (noon):** h. 17-20-32s
Equation of time: 6m 06s

Lagna Dhanus Begins: Chennai h. 6-41 Delhi h. 7-24 Kolkata h. 6-26 Mumbai h. 7-21

Midday Central Station h.11-53-54s Chennai: h.12-02-55s Delhi: h.12-15-03s Kolkata: h.11-30-24s Mumbai: h.12-32-35s

Sayana Vaidhriti h. 20-17

Saturday, 23 Agrahayana, (ni) 30 Agrahayana, 14 December, 16 Rabi-us' Sani**Kali Ahargana:** 1870366 **Julian Day:** 2458831.5**Sunrise:** h. 6-33 **Sunset:** h. 17-16 **Moonset:** h. 8-19 **Moonrise:** h. 19-23

Tithi: (Margasirsa Krishna) Dvitiya h. 8-47 **Nakshatra:** Punarvasu h. 29-03 **Yoga:** Sukla (Sukra) h. 9-49 **Karana:** Gara h. 8-47 then vanij h. 20-05 **Moon:** in Mithuna, enters Karkata h. 23-17 **Age of Moon:** 17.4 **Declination of Sun:** S 23° 10' **Sidereal Time (noon):** h. 17-24-56s **Equation of time:** 5m 37s

Lagna Dhanus Begins: Chennai h. 6-37 Delhi h. 7-20 Kolkata h. 6-22 Mumbai h. 7-17

Midday Central Station h.11-54-23s Chennai: h.12-03-24s Delhi: h.12-15-31s Kolkata: h.11-30-52s Mumbai: h.12-33-03s

Sunday, 24 Agrahayana, (ni) 1 Pausa, 15 December, 17 Rabi-us' Sani**Kali Ahargana:** 1870367 **Julian Day:** 2458832.5**Sunrise:** h. 6-34 **Sunset:** h. 17-16 **Moonset:** h. 9-16 **Moonrise:** h. 20-24

Tithi: (Margasirsa Krishna) Tritiya h. 7-18 then Chaturthi h. 29-35 **Nakshatra:** Pushya h. 28-01 **Yoga:** Brahma h. 7-24 then Indra h. 28-47 **Karana:** Vishti h. 7-18, Bava h. 18-28 then Balava h. 29-35 **Moon:** in Karkata **Age of Moon:** 18.4 **Declination of Sun:** S 23° 14' **Sidereal Time (noon):** h. 17-29-22s **Equation of time:** 5m 09s

Lagna Dhanus Begins: Chennai h. 6-33 Delhi h. 7-16 Kolkata h. 6-18 Mumbai h. 7-13

Midday Central Station h.11-54-51s Chennai: h.12-03-52s Delhi: h.12-16-00s Kolkata: h.11-31-20s Mumbai: h.12-33-32s

Saura Paushadi h. 18-40, Jupiter sets in the west h. 29-57

Monday, 25 Agrahayana, (ni) 2 Pausha, 16 December, 18 Rabiush Sani

Kali Ahargana: 1870368 **Julian Day:** 2458833.5

Sunrise: h. 6-34 **Sunset:** h. 17-17 **Moonset:** h. 10-07 **Moonrise:** h. 21-28

Tithi: (Margasirsa Krishna) Panchami h. 27-40 **Nakshatra:** Aslesha h. 26-47 **Yoga:** Vaidhriti h. 26-01 **Karana:** Kaulava h. 16-38 then Taitila h. 27-40 **Moon:** in Karkata, enters Simha h. 26-47 **Age of Moon:** 19.4 **Declination of Sun:** S 23° 17' **Sidereal Time (noon):** h. 17-33-47s **Equation of time:** 4m 40s

Lagna Dhanus Begins: Chennai h. 6-29 Delhi h. 7-12 Kolkata h. 6-14 Mumbai h. 7-09

Midday Central Station h.11-55-20s Chennai: h.12-04-21s Delhi: h.12-16-28s Kolkata: h.11-31-49s Mumbai: h.12-34-01s

Sun enters Nirayana Dhanus Rasi and Mula Nakshatra h. 15-28

Tuesday, 26 Agrahayana, (ni) 3 Pausha, 17 December, 19 Rabiush Sani

Kali Ahargana: 1870369 **Julian Day:** 2458834.5

Sunrise: h. 6-35 **Sunset:** h. 17-17 **Moonset:** h. 10-55 **Moonrise:** h. 22-30

Tithi: (Margasirsa Krishna) Shashthi h. 25-38 **Nakshatra:** Magha h. 25-26 **Yoga:** Viskumbha h. 23-09 **Karana:** Gara h. 14-40 then vanij h. 25-38 **Moon:** in Simha **Age of Moon:** 20.4 **Declination of Sun:** S 23° 20' **Sidereal Time (noon):** h. 17-38-13s **Equation of time:** 4m 11s

Lagna Dhanus Begins: Chennai h. 6-25 / 30-21 Delhi h. 7-08 / 31-04 Kolkata h. 6-10 / 30-06 Mumbai h. 7-05 / 31-01

Midday Central Station h.11-55-49s Chennai: h.12-04-50s Delhi: h.12-16-58s Kolkata: h.11-32-18s Mumbai: h.12-34-30s

Wednesday, 27 Agrahayana, (ni) 4 Pausha, 18 December, 20 Rabiush Sani

Kali Ahargana: 1870370 **Julian Day:** 2458835.5

Sunrise: h. 6-35 **Sunset:** h. 17-18 **Moonset:** h. 11-39 **Moonrise:** h. 23-31

Tithi: (Margasirsa Krishna) Saptami h. 23-31 **Nakshatra:** Purva Phalguni h. 24-01 **Yoga:** Priti h. 20-13 **Karana:** Vishti h. 12-35 then Bava h. 23-31 **Moon:** in Simha, enters Kanya h. 29-39 **Age of Moon:** 21.4 **Declination of Sun:** S 23° 22' **Sidereal Time (noon):** h. 17-42-39s **Equation of time:** 3m 42s

Lagna Dhanus Begins: Chennai h. 30-18 Delhi h. 31-01 Kolkata h. 30-03 Mumbai h. 30-58

Midday Central Station h.11-56-18s Chennai: h.12-05-20s Delhi: h.12-17-27s Kolkata: h.11-32-48s Mumbai: h.12-34-59s

Thursday, 28 Agrahayana, (ni) 5 Pausha, 19 December, 21 Rabiush Sani

Kali Ahargana: 1870371 **Julian Day:** 2458836.5

Sunrise: h. 6-36 **Sunset:** h. 17-18 **Moonset:** h. 12-20 **Moonrise:** h. 24-31

Tithi: (Margasirsa Krishna) Ashtami h. 21-23 **Nakshatra:** Uttara Phalguni h. 22-34 **Yoga:** Ayusman h. 17-16 **Karana:** Balava h. 10-27 then Kaulava h. 21-23 **Moon:** in Kanya **Age of Moon:** 22.4 **Declination of Sun:** S 23° 24' **Sidereal Time (noon):** h. 17-47-05s **Equation of time:** 3m 12s

Lagna Dhanus Begins: Chennai h. 30-14 Delhi h. 30-57 Kolkata h. 29-59 Mumbai h. 30-54

Midday Central Station h.11-56-48s Chennai: h.12-05-49s Delhi: h.12-17-56s Kolkata: h.11-33-17s Mumbai: h.12-35-29s

Ashtaka (Pupashtaka)

Friday, 29 Agrahayana, (ni) 6 Pausha, 20 December, 22 Rabiush Sani

Kali Ahargana: 1870372 **Julian Day:** 2458837.5

Sunrise: h. 6-36 **Sunset:** h. 17-19 **Moonset:** h. 12-59 **Moonrise:** h. 25-31

Tithi: (Margasirsa Krishna) Navami h. 19-17 **Nakshatra:** Hasta h. 21-09 **Yoga:** Saubhagya h. 14-20 **Karana:** Taitila h. 8-20, Gara h. 19-17 then vanij h. 30-15 **Moon:** in Kanya **Age of Moon:** 23.4 **Declination of Sun:** S 23° 25' **Sidereal Time (noon):** h. 17-51-31s **Equation of time:** 2m 42s

Lagna Dhanus Begins: Chennai h. 30-10 Delhi h. 30-53 Kolkata h. 29-55 Mumbai h. 30-50

Midday Central Station h.11-57-18s Chennai: h.12-06-19s Delhi: h.12-18-26s Kolkata: h.11-33-47s Mumbai: h.12-35-58s

Saturday, 30 Agrahayana, (ni) 7 Pausa, 21 December, 23 Rabiur Sani

Kali Ahargana: 1870373 **Julian Day:** 2458838.5

Sunrise: h. 6-37 **Sunset:** h. 17-19 **Moonset:** h. 13-39 **Moonrise:** h. 26-31

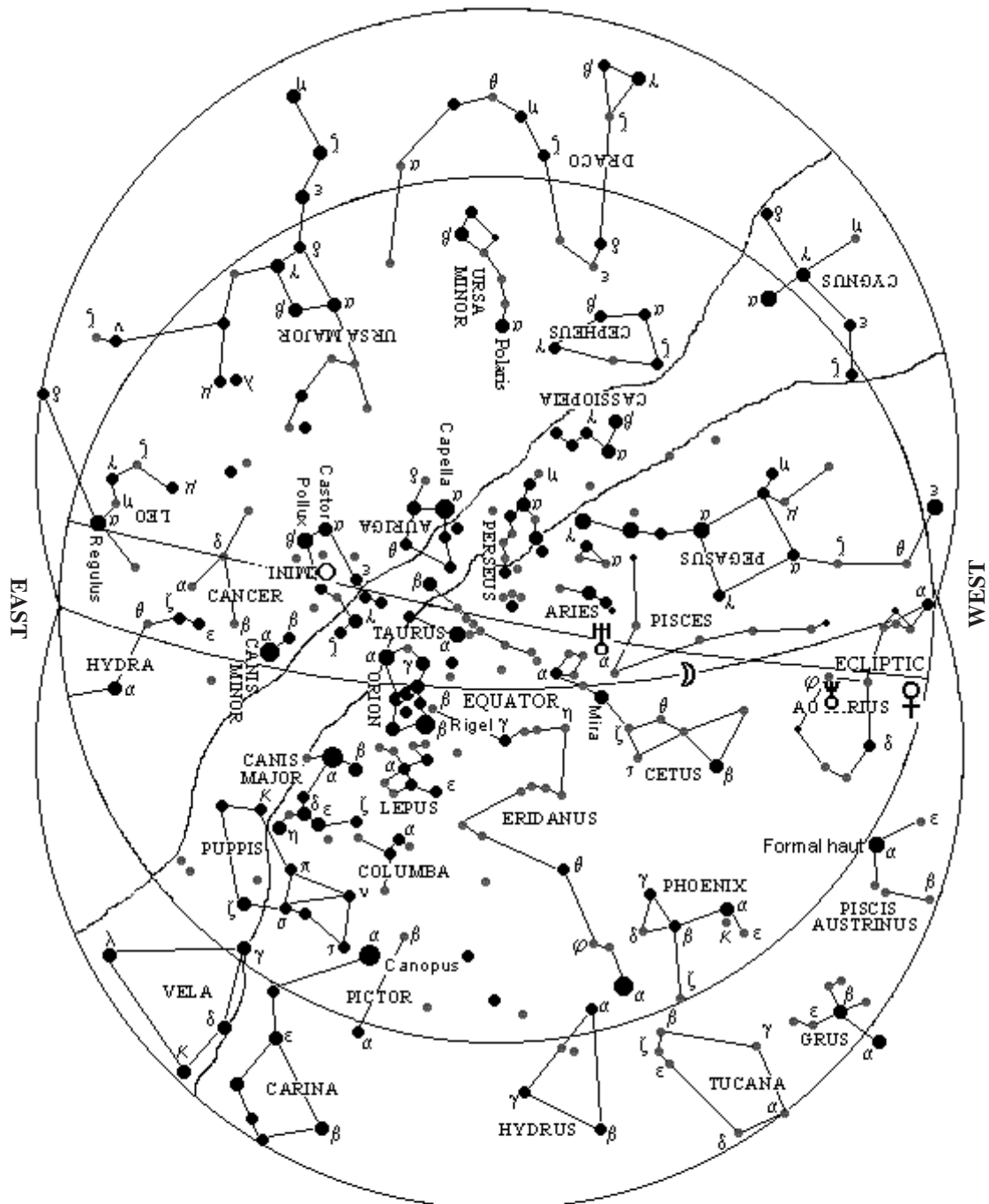
Tithi: (Margasirsa Krishna) Dasami h. 17-15 **Nakshatra:** Chitra h. 19-49 **Yoga:** Sobhana h. 11-26 **Karana:** Vishti h. 17-15 then Bava h. 28-18 **Moon:** in Kanya, enters Tula h. 8-28 **Age of Moon:** 24.4 **Declination of Sun:** S 23° 26' **Sidereal Time (noon):** h. 17-55-58s **Equation of time:** 2m 12s

Lagna Dhanus Begins: Chennai h. 30-06 Delhi h. 30-49 Kolkata h. 29-51 Mumbai h. 30-46

Midday Central Station h.11-57-48s Chennai: h.12-06-49s Delhi: h.12-18-56s Kolkata: h.11-34-17s Mumbai: h.12-36-28s

Birthday of Parsvanath (Jain)

**STAR CHART FOR THE MONTH OF JANUARY, 2020 (11 PAUSHA - 11 MAGHA) 0° TO 40°N
HILION**



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 10TH ♀ VENUS ♄ NEPTUNE
 ☾ FIRST QUARTER 3RD ♂ URANUS

Month of PAUSHA : 30 days :: Vedic Month : Tapas (Makara)

Nirayana months: 8 Pausha, 5120 Kali to 7 Magha, 5120 Kali :: 23 and 7 days

Sisira Ritu : 1st Month :: Uttrayana : Dakshina Gola

Sun in Dhanus, enters Makara on 24th :: Ayanamsa on 1st Pausha : 24° 07' 53"

Kali Ahargana : 1870374 - 1870403, *Julian Day* : 2458839.5 - 2458868.5

(Nirayana) Magha begins on 24 Pausha, 14 January, 2020

Sunday, 1 Pausha, (ni) 8 Pausha, 22 December, 24 Rabiush Sani

Kali Ahargana: 1870374 **Julian Day:** 2458839.5

Sunrise: h. 6-37 **Sunset:** h. 17-20 **Moonset:** h. 14-19 **Moonrise:** h. 27-32

Tithi: (Margasirsa Krishna) Ekadasi h. 15-22 **Nakshatra:** Svati h. 18-38 **Yoga:** Atiganda h. 8-39 then Sukarma h. 30-01 **Karana:** Balava h. 15-22 then Kaulava h. 26-30 **Moon:** in Tula **Age of Moon:** 25.4 **Declination of Sun:** S 23° 26' **Sidereal Time (noon):** h. 18-00-24s **Equation of time:** 1m 43s

Lagna Dhanus Begins: Chennai h. 30-02 Delhi h. 30-45 Kolkata h. 29-47 Mumbai h. 30-42

Midday Central Station h.11-58-17s Chennai: h.12-07-18s Delhi: h.12-19-26s Kolkata: h.11-34-47s Mumbai: h.12-36-58s

Sun enters Tropical Capricornus h. 9-49

Saphala Ekadasi, Uttarayan Day

Monday, 2 Pausha, (ni) 9 Pausha, 23 December, 25 Rabiush Sani

Kali Ahargana: 1870375 **Julian Day:** 2458840.5

Sunrise: h. 6-38 **Sunset:** h. 17-20 **Moonset:** h. 15-03 **Moonrise:** h. 28-32

Tithi: (Margasirsa Krishna) Dvadasi h. 13-42 **Nakshatra:** Visakha h. 17-40 **Yoga:** Dhriti h. 27-35 **Karana:** Taitila h. 13-42 then Gara h. 24-58 **Moon:** in Tula, enters Vrischika h. 11-53 **Age of Moon:** 26.4 **Declination of Sun:** S 23° 26' **Sidereal Time (noon):** h. 18-04-51s **Equation of time:** 1m 13s

Lagna Dhanus Begins: Chennai h. 29-58 Delhi h. 30-41 Kolkata h. 29-43 Mumbai h. 30-38

Midday Central Station h.11-58-47s Chennai: h.12-07-48s Delhi: h.12-19-56s Kolkata: h.11-35-17s Mumbai: h.12-37-28s

Hanukah (Jewish)

Tuesday, 3 Pausha, (ni) 10 Pausha, 24 December, 26 Rabiush Sani

Kali Ahargana: 1870376 **Julian Day:** 2458841.5

Sunrise: h. 6-38 **Sunset:** h. 17-21 **Moonset:** h. 15-49 **Moonrise:** h. 29-34

Tithi: (Margasirsa Krishna) Trayodasi h. 12-19 **Nakshatra:** Anuradha h. 16-59 **Yoga:** Sula h. 25-25 **Karana:** vanij h. 12-19 then Vishti h. 23-45 **Moon:** in Vrischika **Age of Moon:** 27.4 **Declination of Sun:** S 23° 25' **Sidereal Time (noon):** h. 18-09-18s **Equation of time:** 0m 43s

Lagna Dhanus Begins: Chennai h. 29-54 Delhi h. 30-37 Kolkata h. 29-39 Mumbai h. 30-34

Midday Central Station h.11-59-17s Chennai: h.12-08-18s Delhi: h.12-20-26s Kolkata: h.11-35-47s Mumbai: h.12-37-58s

Christmas Eve (Christian)

Wednesday, 4 Pausha, (ni) 11 Pausha, 25 December, 27 Rabiush Sani

Kali Ahargana: 1870377 **Julian Day:** 2458842.5

Sunrise: h. 6-39 **Sunset:** h. 17-21 **Moonset:** h. 16-39 **Moonrise:** h. 30-33

Tithi: (Margasirsa Krishna) Chaturdasi h. 11-18 **Nakshatra:** Jyestha h. 16-41 **Yoga:** Ganda h. 23-34 **Karana:** Sakuni h. 11-18 then Chatuspada h. 22-57 **Moon:** in Vrischika, enters Dhanus h. 16-41 **Age of Moon:** 28.4 **Declination of Sun:** S 23° 24' **Sidereal Time (noon):** h. 18-13-44s **Equation of time:** 0m 13s

Lagna Dhanus Begins: Chennai h. 29-50 Delhi h. 30-33 Kolkata h. 29-35 Mumbai h. 30-30

Midday Central Station h.11-59-47s Chennai: h.12-08-48s Delhi: h.12-20-56s Kolkata: h.11-36-17s Mumbai: h.12-38-28s

Sayana Vyatipata h. 20-57

Vakula Amavasya (Odisha), Christmas Day (Christian), Birthday of Sadhu T. L. Vaswani (Sindhi)

Thursday, 5 Pausa, (ni) 12 Pausa, 26 December, 28 Rabi' Sani

Kali Ahargana: 1870378 **Julian Day:** 2458843.5

Sunrise: h. 6-39 **Sunset:** h. 17-22 **Moonset:** h. 17-33

Tithi: (Margasirsa Krishna) Amavasya h. 10-43 **Nakshatra:** Mula h. 16-50 **Yoga:** Vriddhi h. 22-06 **Karana:** Naga h. 10-43 then Kinstughna h. 22-37 **Moon:** in Dhanus **Age of Moon:** 29.4 ● **Declination of Sun:** S 23° 23' **Sidereal Time (noon):** h. 18-18-11s **Equation of time:** -0m 17s

Lagna Dhanus Begins: Chennai h. 29-46 Delhi h. 30-29 Kolkata h. 29-31 Mumbai h. 30-26

Midday Central Station h.12-00-17s Chennai: h.12-09-18s Delhi: h.12-21-26s Kolkata: h.11-36-46s Mumbai: h.12-38-58s

Jor Mela (Punjab), **Solar Eclipse** (Annular) (Visible in India)

Annular Eclipse of the Sun: 5 Pausa, 1941 SE; 12 Pausa, 5120 KE; Dec. 26, 2019, Thursday

Visible in India.

Area of visibility:- The Eclipse will be visible in the region covering Middle East, North Eastern Africa, Asia except North and Eastern Russia, North and Western Australia, Solomon Island.

	Indian Standard Time	
	Hr.	Min
Eclipse begins	08	00
Annularity begins	09	06
Greatest eclipse*	10	48
Annularity ends	12	29
Eclipse ends	13	36

*Magnitude of the eclipse = 0.9692, Duration of eclipse = 5 h 36m.
Maximum duration of annular phase : 3m 34s

ANNULAR SOLAR ECLIPSE, DECEMBER 26, 2019

LOCAL CIRCUMSTANCES OF THE PARTIAL PHASE RELATING TO CERTAIN PLACES IN INDIA

Places	Partial Eclipse Begins (IST)	Greatest Eclipse (IST)	Magnitude	Partial Eclipse Ends (IST)	Duration	Obscuration
	h m	h m		h m	h m	
Agartala	8 35.2	10 00.9	0.499	11 38.8	3 03	38.7%
Ahmadabad	8 06.4	9 22.1	0.743	10 52.0	2 45	66.7%
Aijawll	8 38.5	10 05.4	0.488	11 43.6	3 05	37.6%
Ajmer	8 11.4	9 25.9	0.636	10 53.7	2 42	54.1%
Allahabad	8 19.1	9 37.8	0.570	11 10.3	2 51	46.6%
Amritsar	8 18.8	9 29.0	0.516	10 50.0	2 31	40.4%
Bangalore	8 06.5	9 29.8	0.930	11 11.2	3 04	89.6%
Bhagalpur	8 27.9	9 49.4	0.514	11 24.1	2 56	40.4%
Bhopal	8 11.0	9 29.2	0.676	11 02.2	2 51	58.8%

**ANNULAR ECLIPSE OF THE SUN: 05 Pausha, 1941SE; 12 Pausha, 5120KE; 26 December, 2019AD
LOCAL CIRCUMSTANCES OF THE PARTIAL PHASE RELATING TO CERTAIN PLACES IN INDIA**

Places	Partial Eclipse Begins (IST)	Greatest Eclipse (IST)	Magnitude	Partial Eclipse Ends (IST)	Duration	Obscuration
	h m	h m		h m	h m	
Bhubaneswar	8 20.0	9 46.1	0.640	11 28.4	3 08	54.7%
Chandigarh	8 21.5	9 32.8	0.494	10 55.0	2 33	38.1%
Chennai	8 08.9	9 34.6	0.892	11 19.1	3 10	85.1%
Cochin	8 06.1	9 28.5	0.941	11 09.0	3 02	91.0%
Cooch Behar	8 34.9	9 56.2	0.464	11 29.2	2 54	35.0%
Cuttack	8 20.3	9 46.4	0.634	11 28.4	3 08	54.0%
Darjeeling	8 33.4	9 53.2	0.461	11 24.6	2 51	34.7%
Dehradun	8 20.8	9 33.1	0.507	10 56.8	2 36	39.5%
Delhi	8 17.0	9 30.8	0.555	10 56.9	2 39	44.8%
Dibrugarh	8 51.0	10 12.9	0.391	11 42.9	2 51	27.5%
Dwarka	8 03.6	9 17.5	0.808	10 45.3	2 41	74.6%
Gandhinagar	8 06.6	9 22.2	0.738	10 52.1	2 45	66.1%
Gangtok	8 34.6	9 54.2	0.452	11 25.1	2 50	33.7%
Gaya	8 23.5	9 44.5	0.548	11 19.4	2 55	44.1%
Guwahati	8 39.5	10 02.1	0.448	11 35.6	2 56	33.4%
Haridwar	8 21.4	9 33.5	0.500	10 57.0	2 35	38.7%
Hazaribagh	8 23.2	9 45.3	0.560	11 21.7	2 58	45.5%
Hubli	8 05.0	9 25.4	0.882	11 02.9	2 57	83.7%
Hyderabad	8 08.2	9 30.6	0.803	11 10.3	3 02	74.1%
Imphal	8 43.0	10 09.1	0.458	11 45.4	3 02	34.4%
Itanagar	8 46.4	10 08.4	0.410	11 39.6	2 53	29.4%
Jaipur	8 13.1	9 27.8	0.613	10 55.7	2 42	51.4%
Jalandhar	8 20.8	9 30.9	0.494	10 51.6	2 30	38.1%
Jammu	8 20.5	9 29.7	0.494	10 49.1	2 28	38.1%
Kanyakumari	8 07.8	9 31.5	0.910	11 13.7	3 05	87.3%
Kavalur	8 08.1	9 33.1	0.904	11 16.7	3 08	86.6%
Kavaratti	8 04.1	9 23.1	0.919	10 59.2	2 55	88.3%
Kohima	8 45.3	10 10.0	0.435	11 44.3	2 58	32.0%
Kolhapur	8 04.4	9 23.7	0.881	10 59.6	2 55	83.6%

ANNULAR SOLAR ECLIPSE: 05 Pausha, 1941SE; 12 Pausha, 5120KE; 26 December, 2019AD
LOCAL CIRCUMSTANCES OF THE PARTIAL PHASE RELATING TO CERTAIN PLACES OF INDIA

Places	Partial Eclipse Begins (IST)	Greatest Eclipse (IST)	Magnitude	Partial Eclipse Ends (IST)	Duration	Obscuration
	h m	h m		h m	h m	
Kolkata	8 27.0	9 52.6	0.559	11 32.4	3 05	45.4%
Koraput	8 14.0	9 39.0	0.713	11 21.0	3 06	63.3%
Kurnool	8 07.3	9 30.1	0.850	11 10.5	3 03	79.9%
Lucknow	8 19.8	9 36.7	0.548	11 06.7	2 46	44.1%
Midnapore	8 24.9	9 49.9	0.573	11 29.6	3 04	47.0%
Mount Abu	8 07.8	9 22.6	0.705	10 51.2	2 43	62.1%
Mumbai	8 04.1	9 21.7	0.845	10 54.9	2 50	79.1%
Murshidabad	8 29.7	9 53.2	0.517	11 29.9	3 00	40.7%
Muzaffarpur	8 26.2	9 45.9	0.512	11 18.6	2 52	40.2%
Mysore	8 05.9	9 28.4	0.959	11 09.0	3 03	93.5%
Nagpur	8 11.2	9 31.9	0.704	11 08.6	2 57	62.1%
Nalgonda	8 08.8	9 32.1	0.804	11 12.9	3 04	74.2%
Nasik	8 05.3	9 23.1	0.804	10 56.5	2 51	74.1%
Nellore	8 08.9	9 33.9	0.858	11 17.3	3 08	80.9%
Panaji	8 04.3	9 24.0	0.902	11 04.0	2 56	86.2%
Patna	8 24.9	9 45.1	0.527	11 18.6	2 53	41.8%
Pondicherry	8 08.6	9 34.3	0.925	11 18.9	3 10	89.1%
Port Blair	8 27.8	10 07.8	0.771	12 3.50	3 35	70.4%
Puri	8 19.5	9 46.1	0.651	11 29.0	3 09	56.0%
Pune	8 04.7	9 23.1	0.840	10 57.6	2 52	78.5%
Raipur	8 14.4	9 36.8	0.669	11 15.2	3 00	58.0%
Rajamundry	8 12.4	9 38.2	0.763	11 21.8	3 09	69.3%
Rajkot	8 4.6	9 19.5	0.787	10 48.7	2 44	72.0%
Ranchi	8 22.3	9 45.1	0.576	11 22.5	3 00	47.2%
Sambalpur	8 18.1	9 41.8	0.635	11 21.3	3 03	54.0%
Shillong	8 39.3	10 03.0	0.457	11 37.5	2 58	34.3%
Shimla	8 20.9	9 32.2	0.500	10 54.5	2 33	38.8%
Sibsagar	8 49.0	10 11.7	0.404	11 42.8	2 53	28.8%
Silchar	8 40.3	10 05.7	0.466	11 41.9	3 01	35.2%
Siliguri	8 33.0	9 53.3	0.468	11 25.6	2 52	35.4%
Silvassa	8 05.0	9 22.1	0.803	10 54.4	2 49	74.0%
Srinagar	8 23.0	9 30.7	0.464	10 48.0	2 25	34.8%
Thiruvananthapuram	8 07.2	9 30.3	0.912	11 11.8	3 04	87.6%
Udaipur	8 08.6	9 23.9	0.692	10 53.2	2 44	60.7%
Ujjain	8 09.3	9 26.6	0.699	10 58.7	2 49	61.5%
Vadodara	8 06.4	9 22.7	0.753	10 53.8	2 47	67.9%
Varanasi	8 20.9	9 40.4	0.558	11 13.7	2 52	45.2%
Vijayawada	8 10.1	9 34.8	0.798	11 17.3	3 07	73.5%

ANNULAR SOLAR ECLIPSE: 05 Pausha, 1941SE; 12 Pausha, 5120KE; 26 December, 2019AD
LOCAL CIRCUMSTANCES RELATING TO CERTAIN PLACES OF INDIA FROM WHERE ANNULAR PHASE IS VISIBLE

Places	Partial Eclipse Begins Time (IST)	Annular Eclipse Begins (IST)	Greatest Eclipse (IST)	Magni- tude	Max- imum. Obscu- ration	Annula Eclipse Ends Time (IST)	Partial Eclipse Ends Time (IST)	Dura- tion of Annularity
	h m	h m	h m			h m	h m	m s
Cannanore	8 05.0	9 24.8	9 26.3	0.967	92.9%	9 27.8	11 05.3	2 59
Kozikode	8 05.4	9 26.5	9 27.2	0.968	93.0%	9 27.9	11 06.9	1 28
Madurai	8 07.5	9 31.5	9 31.8	0.967	93.1%	9 32.1	11 14.7	0 36
Mangalore	8 04.6	9 24.3	9 25.3	0.969	92.9%	9 26.3	11 03.5	2 01
Trichur	8 06.0	9 28.3	9 28.4	0.966	93.0%	9 28.5	11 09.0	0 12

Friday, 6 Pausha, (ni) 13 Pausha, 27 December, 29 Rabi-us' Sani

Kali Ahargana: 1870379 Julian Day: 2458844.5

Sunrise: h. 6-40 Sunset: h. 17-22 Moonrise: h. 7-29 Moonset: h. 18-27

Tithi: (Pausha Sukla) Pratipad h. 10-40 **Nakshatra:** Purvasadha h. 17-30 **Yoga:** Dhruva h. 21-03 **Karana:** Bava h. 10-40 then Balava h. 22-51 **Moon:** in Dhanus, enters Makara h. 23-45 **Age of Moon:** 0.8 **Declination of Sun:** S 23° 21' **Sidereal Time (noon):** h. 18-22-37s **Equation of time:** -0m 47s

Lagna Dhanus Begins: Chennai h. 29-42 Delhi h. 30-25 Kolkata h. 29-27 Mumbai h. 30-22

Midday Central Station h.12-00-47s Chennai: h.12-09-48s Delhi: h.12-21-55s Kolkata: h.11-37-16s Mumbai: h.12-39-28s

Saturday, 7 Pausha, (ni) 14 Pausha, 28 December, 1 Jumadu'lawwal

Kali Ahargana: 1870380 Julian Day: 2458845.5

Sunrise: h. 6-40 Sunset: h. 17-23 Moonrise: h. 8-20 Moonset: h. 19-23

Tithi: (Pausha Sukla) Dvitiya h. 11-10 **Nakshatra:** Uttarasadha h. 18-43 **Yoga:** Vyaghata h. 20-26 **Karana:** Kaulava h. 11-10 then Taitila h. 23-39 **Moon:** in Makara **Age of Moon:** 1.8 **Declination of Sun:** S 23° 18' **Sidereal Time (noon):** h. 18-27-03s **Equation of time:** -1m 17s

Lagna Dhanus Begins: Chennai h. 29-38 Delhi h. 30-21 Kolkata h. 29-23 Mumbai h. 30-18

Midday Central Station h.12-01-17s Chennai: h.12-10-18s Delhi: h.12-22-25s Kolkata: h.11-37-46s Mumbai: h.12-39-57s

Sunday, 8 Pausha, (ni) 15 Pausha, 29 December, 2 Jumadu'lawwal

Kali Ahargana: 1870381 Julian Day: 2458846.5

Sunrise: h. 6-40 Sunset: h. 17-23 Moonrise: h. 9-07 Moonset: h. 20-18

Tithi: (Pausha Sukla) Tritiya h. 12-16 **Nakshatra:** Sravana h. 20-30 **Yoga:** Harshana h. 20-16 **Karana:** Gara h. 12-16 then Vanij h. 25-01 **Moon:** in Makara **Age of Moon:** 2.8 **Declination of Sun:** S 23° 15' **Sidereal Time (noon):** h. 18-31-29s **Equation of time:** -1m 46s

Lagna Dhanus Begins: Chennai h. 29-34 Delhi h. 30-17 Kolkata h. 29-19 Mumbai h. 30-14

Midday Central Station h.12-01-46s Chennai: h.12-10-47s Delhi: h.12-22-54s Kolkata: h.11-38-15s Mumbai: h.12-40-27s

Sun Enters PurvAshadha Nakshatra h. 17-36

Monday, 9 Pausha, (ni) 16 Pausha, 30 December, 3 Jumadu'lawwal

Kali Ahargana: 1870382 **Julian Day:** 2458847.5

Sunrise: h. 6-41 **Sunset:** h. 17-24 **Moonrise:** h. 9-49 **Moonset:** h. 21-12

Tithi: (Pausha Sukla) Chaturthi h. 13-55 **Nakshatra:** Dhanistha h. 22-47 **Yoga:** Vajra h. 20-30 **Karana:** Vishti h. 13-55 then Bava h. 26-55 **Moon:** in Makara, enters Kumbha h. 9-35 **Age of Moon:** 3.8 **Declination of Sun:** S 23° 12' **Sidereal Time (noon):** h. 18-35-55s **Equation of time:** -2m 15s

Lagna Dhanus Begins: Chennai h. 29-30 Delhi h. 30-13 Kolkata h. 29-15 Mumbai h. 30-10

Midday Central Station h.12-02-15s Chennai: h.12-11-16s Delhi: h.12-23-24s Kolkata: h.11-38-44s Mumbai: h.12-40-56s

Tuesday, 10 Pausha, (ni) 17 Pausha, 31 December, 4 Jumadu'lawwal

Kali Ahargana: 1870383 **Julian Day:** 2458848.5

Sunrise: h. 6-41 **Sunset:** h. 17-25 **Moonrise:** h. 10-26 **Moonset:** h. 22-03

Tithi: (Pausha Sukla) Panchami h. 16-02 **Nakshatra:** Satabhisaj h. 25-28 **Yoga:** Siddhi (Asrik) h. 21-04 **Karana:** Balava h. 16-02 then Kaulava h. 29-13 **Moon:** in Kumbha **Age of Moon:** 4.8 **Declination of Sun:** S 23° 08' **Sidereal Time (noon):** h. 18-40-21s **Equation of time:** -2m 44s

Lagna Dhanus Begins: Chennai h. 29-26 Delhi h. 30-09 Kolkata h. 29-11 Mumbai h. 30-06

Midday Central Station h.12-02-44s Chennai: h.12-11-45s Delhi: h.12-23-53s Kolkata: h.11-39-13s Mumbai: h.12-41-25s

New Year's Eve (Christian)

Wednesday, 11 Pausha, (ni) 18 Pausha, 1 January, 5 Jumadu'lawwal

Kali Ahargana: 1870384 **Julian Day:** 2458849.5

Sunrise: h. 6-41 **Sunset:** h. 17-25 **Moonrise:** h. 11-02 **Moonset:** h. 22-53

Tithi: (Pausha Sukla) Shashthi h. 18-28 **Nakshatra:** Purva Bhadrapada h. 28-23 **Yoga:** Vyatipata h. 21-50 **Karana:** Taitila h. 18-28 **Moon:** in Kumbha, enters Mina h. 21-38 **Age of Moon:** 5.8 **Declination of Sun:** S 23° 04' **Sidereal Time (noon):** h. 18-44-46s **Equation of time:** -3m 13s

Lagna Makara Begins: Chennai h. 7-33 Delhi h. 8-14 Kolkata h. 7-17 Mumbai h. 8-13

Midday Central Station h.12-03-13s Chennai: h.12-12-14s Delhi: h.12-24-21s Kolkata: h.11-39-42s Mumbai: h.12-41-54s

Christian New Year's Day (Beginning of 2020 A.D.)

Thursday, 12 Pausha, (ni) 19 Pausha, 2 January, 6 Jumadu'lawwal

Kali Ahargana: 1870385 **Julian Day:** 2458850.5

Sunrise: h. 6-42 **Sunset:** h. 17-26 **Moonrise:** h. 11-35 **Moonset:** h. 23-43

Tithi: (Pausha Sukla) Saptami h. 21-01 **Nakshatra:** Uttara Bhadrapada ahoratra **Yoga:** Variyan h. 22-40 **Karana:** Gara h. 7-44 then vanij h. 21-01 **Moon:** in Mina **Age of Moon:** 6.8 **Declination of Sun:** S 22° 59' **Sidereal Time (noon):** h. 18-49-11s **Equation of time:** -3m 41s

Lagna Makara Begins: Chennai h. 7-29 Delhi h. 8-10 Kolkata h. 7-13 Mumbai h. 8-09

Midday Central Station h.12-03-41s Chennai: h.12-12-42s Delhi: h.12-24-50s Kolkata: h.11-40-11s Mumbai: h.12-42-22s

Guru Gobind Singh's Birthday (According to tithi)

Friday, 13 Pausha, (ni) 20 Pausha, 3 January, 7 Jumadu'lawwal

Kali Ahargana: 1870386 **Julian Day:** 2458851.5

Sunrise: h. 6-42 **Sunset:** h. 17-27 **Moonrise:** h. 12-07 **Moonset:** h. 24-32

Tithi: (Pausha Siukla) Ashtami h. 23-27 **Nakshatra:** Uttara Bhadrapada h. 7-20 **Yoga:** Parigha h. 23-24 **Karana:** Vishti h. 10-15 then Bava h. 23-27 **Moon:** in Mina **Age of Moon:** 7.8 **Declination of Sun:** S 22° 53' **Sidereal Time (noon):** h. 18-53-36s **Equation of time:** -4m 09s

Lagna Makara Begins: Chennai h. 7-25 Delhi h. 8-06 Kolkata h. 7-09 Mumbai h. 8-05

Midday Central Station h.12-04-09s Chennai: h.12-13-10s Delhi: h.12-25-18s Kolkata: h.11-40-39s Mumbai: h.12-42-50s

Saturday, 14 Pausha, (ni) 21 Pausha, 4 January, 8 Jumadu'lawwal**Kali Ahargana:** 1870387 **Julian Day:** 2458852.5**Sunrise:** h. 6-42 **Sunset:** h. 17-27 **Moonrise:** h. 12-40 **Moonset:** h. 25-22

Tithi: (Pausha Sukla) Navami h. 25-33 **Nakshatra:** Revati h. 10-05 **Yoga:** Siva h. 23-54 **Karana:** Balava h. 12-33 then Kaulava h. 25-33 **Moon:** in Mina, enters Mesha h. 10-05 **Age of Moon:** 8.8 **Declination of Sun:** S 22° 48' **Sidereal Time (noon):** h. 18-58-00s **Equation of time:** -4m 37s

Lagna Makara Begins: Chennai h. 7-21 Delhi h. 8-02 Kolkata h. 7-05 Mumbai h. 8-01

Midday Central Station h.12-04-37s Chennai: h.12-13-38s Delhi: h.12-25-45s Kolkata: h.11-41-06s Mumbai: h.12-43-18s

Sunday, 15 Pausha, (ni) 22 Pausha, 5 January, 9 Jumadu'lawwal**Kali Ahargana:** 1870388 **Julian Day:** 2458853.5**Sunrise:** h. 6-43 **Sunset:** h. 17-28 **Moonrise:** h. 13-14 **Moonset:** h. 26-14

Tithi: (Pausha Sukla) Dasami h. 27-07 **Nakshatra:** Asvini h. 12-27 **Yoga:** Siddha h. 24-00 **Karana:** Taitila h. 14-25 then Gara h. 27-07 **Moon:** in Mesha **Age of Moon:** 9.8 **Declination of Sun:** S 22° 41' **Sidereal Time (noon):** h. 19-02-24s **Equation of time:** -5m 04s

Lagna Makara Begins: Chennai h. 7-17 Delhi h. 7-58 Kolkata h. 7-01 Mumbai h. 7-57

Midday Central Station h.12-05-04s Chennai: h.12-14-05s Delhi: h.12-26-13s Kolkata: h.11-41-33s Mumbai: h.12-43-45s

Samba Dasami (Odisha)**Monday, 16 Pausha, (ni) 23 Pausha, 6 January, 10 Jumadu'lawwal****Kali Ahargana:** 1870389 **Julian Day:** 2458854.5**Sunrise:** h. 6-43 **Sunset:** h. 17-29 **Moonrise:** h. 13-51 **Moonset:** h. 27-09

Tithi: (Pausha Sukla) Ekadasi h. 28-03 **Nakshatra:** Bharani h. 14-15 **Yoga:** Sadhya h. 23-37 **Karana:** vanij h. 15-40 then Vishti h. 28-03 **Moon:** in Mesha, enters Vrisha h. 20-36 **Age of Moon:** 10.8 **Declination of Sun:** S 22° 35' **Sidereal Time (noon):** h. 19-06-47s **Equation of time:** -5m 31s

Lagna Makara Begins: Chennai h. 7-13 Delhi h. 7-54 Kolkata h. 6-57 Mumbai h. 7-53

Midday Central Station h.12-05-31s Chennai: h.12-14-32s Delhi: h.12-26-39s Kolkata: h.11-42-00s Mumbai: h.12-44-12s

Epiphany (Christian), **Putrada Ekadasi**, **Vaikuntha Ekadasi** (S.India)**Tuesday, 17 Pausha, (ni) 24 Pausha, 7 January, 11 Jumadu'lawwal****Kali Ahargana:** 1870390 **Julian Day:** 2458855.5**Sunrise:** h. 6-43 **Sunset:** h. 17-29 **Moonrise:** h. 14-32 **Moonset:** h. 28-06

Tithi: (Pausha Sukla) Dvadasi h. 28-15 **Nakshatra:** Krittika h. 15-24 **Yoga:** Subha h. 22-42 **Karana:** Bava h. 16-14 then Balava h. 28-15 **Moon:** in Vrisha **Age of Moon:** 11.8 **Declination of Sun:** S 22° 28' **Sidereal Time (noon):** h. 19-11-10s **Equation of time:** -5m 57s

Lagna Makara Begins: Chennai h. 7-09 Delhi h. 7-50 Kolkata h. 6-53 Mumbai h. 7-49

Midday Central Station h.12-05-57s Chennai: h.12-14-58s Delhi: h.12-27-06s Kolkata: h.11-42-27s Mumbai: h.12-44-38s

Wednesday, 18 Pausha, (ni) 25 Pausha, 8 January, 12 Jumadu'lawwal**Kali Ahargana:** 1870391 **Julian Day:** 2458856.5**Sunrise:** h. 6-43 **Sunset:** h. 17-30 **Moonrise:** h. 15-18 **Moonset:** h. 29-05

Tithi: (Pausha Sukla) Trayodasi h. 27-44 **Nakshatra:** Rohini h. 15-51 **Yoga:** Sukla (Sukra) h. 21-14 **Karana:** Kaulava h. 16-05 then Taitila h. 27-44 **Moon:** in Vrisha, enters Mithuna h. 27-49 **Age of Moon:** 12.8 **Declination of Sun:** S 22° 20' **Sidereal Time (noon):** h. 19-15-33s **Equation of time:** -6m 23s

Lagna Makara Begins: Chennai h. 7-05 Delhi h. 7-46 Kolkata h. 6-49 Mumbai h. 7-45

Midday Central Station h.12-06-23s Chennai: h.12-15-24s Delhi: h.12-27-31s Kolkata: h.11-42-52s Mumbai: h.12-45-04s

Sayana Vaidhriti h. 7-19, Jupiter rises in the east h. 30-33

Thursday, 19 Pausha, (ni) 26 Pausha, 9 January, 13 Jumadu'lawwal**Kali Ahargana:** 1870392 **Julian Day:** 2458857.5**Sunrise:** h. 6-43 **Sunset:** h. 17-31 **Moonrise:** h. 16-10 **Moonset:** h. 30-05

Tithi: (Pausha Sukla) Chaturdasi h. 26-35 **Nakshatra:** Mrigasiras h. 15-38 **Yoga:** Brahma h. 19-14 **Karana:** Gara h. 15-14 then vanij h. 26-35 **Moon:** in Mithuna **Age of Moon:** 13.8 **Declination of Sun:** S 22° 12' **Sidereal Time (noon):** h. 19-19-55s
Equation of time: -6m 48s

Lagna Makara Begins: Chennai h. 7-01 Delhi h. 7-42 Kolkata h. 6-45 Mumbai h. 7-41

Midday Central Station h.12-06-48s Chennai: h.12-15-49s Delhi: h.12-27-57s Kolkata: h.11-43-18s Mumbai: h.12-45-29s

Friday, 20 Pausha, (ni) 27 Pausha, 10 January, 14 Jumadu'lawwal**Kali Ahargana:** 1870393 **Julian Day:** 2458858.5**Sunrise:** h. 6-43 **Sunset:** h. 17-31 **Moonrise:** h. 17-08

Tithi: (Pausha Sukla) Purnima h. 24-51 **Nakshatra:** Ardra h. 14-49 **Yoga:** Indra h. 16-46 **Karana:** Vishti h. 13-47 then Bava h. 24-51 **Moon:** in Mithuna **Age of Moon:** 14.8 **Declination of Sun:** S 22° 04' **Sidereal Time (noon):** h. 19-24-16s **Equation of time:** -7m 13s

Lagna Makara Begins: Chennai h. 6-57 Delhi h. 7-38 Kolkata h. 6-41 Mumbai h. 7-37

Midday Central Station h.12-07-13s Chennai: h.12-16-14s Delhi: h.12-28-22s Kolkata: h.11-43-43s Mumbai: h.12-45-54s

Paushi Purnima, Pusyabhisheka Yatra, Arudra Darsanam (Purvarunodaya)**Saturday, 21 Pausha, (ni) 28 Pausha, 11 January, 15 Jumadu'lawwal****Kali Ahargana:** 1870394 **Julian Day:** 2458859.5**Sunrise:** h. 6-44 **Sunset:** h. 17-32 **Moonset:** h. 7-04 **Moonrise:** h. 18-10

Tithi: (Pausha Krishna) Pratipad h. 22-41 **Nakshatra:** Punarvasu h. 13-30 **Yoga:** Vaidhriti h. 13-54 **Karana:** Balava h. 11-49 then Kaulava h. 22-41 **Moon:** in Mithuna, enters Karkata h. 7-52 **Age of Moon:** 15.8 **Declination of Sun:** S 21° 55' **Sidereal Time (noon):** h. 19-28-37s **Equation of time:** -7m 37s

Lagna Makara Begins: Chennai h. 6-53 Delhi h. 7-34 Kolkata h. 6-37 Mumbai h. 7-33

Midday Central Station h.12-07-37s Chennai: h.12-16-38s Delhi: h.12-28-46s Kolkata: h.11-44-07s Mumbai: h.12-46-18s

Sun Enters UttarAshadha Nakshatra h. 19-36

Sunday, 22 Pausha, (ni) 29 Pausha, 12 January, 16 Jumadu'lawwal**Kali Ahargana:** 1870395 **Julian Day:** 2458860.5**Sunrise:** h. 6-44 **Sunset:** h. 17-33 **Moonset:** h. 7-59 **Moonrise:** h. 19-15

Tithi: (Pausha Krishna) Dvitiya h. 20-12 **Nakshatra:** Pushya h. 11-50 **Yoga:** Viskumbha h. 10-45 **Karana:** Taitila h. 9-29 then Gara h. 20-12 **Moon:** in Karkata **Age of Moon:** 16.8 **Declination of Sun:** S 21° 46' **Sidereal Time (noon):** h. 19-32-57s **Equation of time:** -8m 01s

Lagna Makara Begins: Chennai h. 6-49 Delhi h. 7-30 Kolkata h. 6-33 Mumbai h. 7-29

Midday Central Station h.12-08-01s Chennai: h.12-17-02s Delhi: h.12-29-09s Kolkata: h.11-44-30s Mumbai: h.12-46-42s

Monday, 23 Pausha, (ni) 30 Pausha, 13 January, 17 Jumadu'lawwal**Kali Ahargana:** 1870396 **Julian Day:** 2458861.5**Sunrise:** h. 6-44 **Sunset:** h. 17-34 **Moonset:** h. 8-50 **Moonrise:** h. 20-20

Tithi: (Pausha Krishna) Tritiya h. 17-33 **Nakshatra:** Aslesha h. 9-55 **Yoga:** Priti h. 7-25 then Ayusman h. 27-58 **Karana:** vanij h. 6-53, Vishti h. 17-33 then Bava h. 28-11 **Moon:** in Karkata, enters Simha h. 9-55 **Age of Moon:** 17.8 **Declination of Sun:** S 21° 36' **Sidereal Time (noon):** h. 19-37-17s **Equation of time:** -8m 24s

Lagna Makara Begins: Chennai h. 6-45 Delhi h. 7-26 Kolkata h. 6-29 Mumbai h. 7-25

Midday Central Station h.12-08-24s Chennai: h.12-17-25s Delhi: h.12-29-32s Kolkata: h.11-44-53s Mumbai: h.12-47-05s

Saura Maghadi h. 29-20

Ganesha Sankastha Chaturthi, Lohri (Punjab, J & K)

Tuesday, 24 Pausha, (ni) 1 Magha, 14 January, 18 Jumadu'lawwal

Kali Ahargana: 1870397 **Julian Day:** 2458862.5

Sunrise: h. 6-44 **Sunset:** h. 17-34 **Moonset:** h. 9-37 **Moonrise:** h. 21-24

Tithi: (Pausha Krishna) Chaturthi h. 14-50 **Nakshatra:** Magha h. 7-55 then Purva Phalguni h. 29-57 **Yoga:** Saubhagya h. 24-33 **Karana:** Balava h. 14-50 then Kaulava h. 25-29 **Moon:** in Simha **Age of Moon:** 18.8 **Declination of Sun:** S 21° 26' **Sidereal Time (noon):** h. 19-41-36s **Equation of time:** -8m 47s

Lagna Makara Begins: Chennai h. 6-42 Delhi h. 7-23 Kolkata h. 6-26 Mumbai h. 7-22

Midday Central Station h.12-08-47s Chennai: h.12-17-48s Delhi: h.12-29-55s Kolkata: h.11-45-16s Mumbai: h.12-47-27s

Sun enters Nirayana Makara Rasi h. 26-08

Bhogi (S.India), Birthday of Sant Paramananda (Sindhi)

Wednesday, 25 Pausha, (ni) 2 Magha, 15 January, 19 Jumadu'lawwal

Kali Ahargana: 1870398 **Julian Day:** 2458863.5

Sunrise: h. 6-44 **Sunset:** h. 17-35 **Moonset:** h. 10-19 **Moonrise:** h. 22-25

Tithi: (Pausha Krishna) Panchami h. 12-11 **Nakshatra:** Uttara Phalguni h. 28-07 **Yoga:** Sobhana h. 21-12 **Karana:** Taitila h. 12-11 then Gara h. 22-55 **Moon:** in Simha, enters Kanya h. 11-28 **Age of Moon:** 19.8 **Declination of Sun:** S 21° 15' **Sidereal Time (noon):** h. 19-45-54s **Equation of time:** -9m 08s

Lagna Makara Begins: Chennai h. 6-38 / 30-34 Delhi h. 7-19 / 31-15 Kolkata h. 6-22 / 30-18 Mumbai h. 7-18 / 31-14

Midday Central Station h.12-09-08s Chennai: h.12-18-09s Delhi: h.12-30-17s Kolkata: h.11-45-38s Mumbai: h.12-47-49s

Makara Samkranti, Magha Bihu (Assam), Pongal (S.India), Makara Snana, Tila Samkranti, Tai Pongal (Kerala),

Makara Samkranti (N.India)

Thursday, 26 Pausha, (ni) 3 Magha, 16 January, 20 Jumadu'lawwal

Kali Ahargana: 1870399 **Julian Day:** 2458864.5

Sunrise: h. 6-44 **Sunset:** h. 17-36 **Moonset:** h. 11-00 **Moonrise:** h. 23-26

Tithi: (Pausha Krishna) Shashthi h. 9-42 **Nakshatra:** Hasta h. 26-31 **Yoga:** Atiganda h. 18-02 **Karana:** vanij h. 9-42 then Vishti h. 20-33 **Moon:** in Kanya **Age of Moon:** 20.8 **Declination of Sun:** S 21° 05' **Sidereal Time (noon):** h. 19-50-12s **Equation of time:** -9m 30s

Lagna Makara Begins: Chennai h. 30-30 Delhi h. 31-11 Kolkata h. 30-14 Mumbai h. 31-10

Midday Central Station h.12-09-30s Chennai: h.12-18-31s Delhi: h.12-30-38s Kolkata: h.11-45-59s Mumbai: h.12-48-10s

Mattu Pongal (Kanuvu) (South India)

Friday, 27 Pausha, (ni) 4 Magha, 17 January, 21 Jumadu'lawwal

Kali Ahargana: 1870400 **Julian Day:** 2458865.5

Sunrise: h. 6-44 **Sunset:** h. 17-36 **Moonset:** h. 11-40 **Moonrise:** h. 24-25

Tithi: (Pausha Krishna) Saptami h. 7-28 then Ashtami h. 29-34 **Nakshatra:** Chitra h. 25-13 **Yoga:** Sukarma h. 15-06 **Karana:** Bava h. 7-28, Balava h. 18-29 then Kaulava h. 29-34 **Moon:** in Kanya, enters Tula h. 13-49 **Age of Moon:** 21.8 **Declination of Sun:** S 20° 53' **Sidereal Time (noon):** h. 19-54-29s **Equation of time:** -9m 50s

Lagna Makara Begins: Chennai h. 30-26 Delhi h. 31-07 Kolkata h. 30-10 Mumbai h. 31-06

Midday Central Station h.12-09-50s Chennai: h.12-18-51s Delhi: h.12-30-58s Kolkata: h.11-46-19s Mumbai: h.12-48-31s

Birthday of Swami Vivekananda (According to Tithi), Ashtaka (Sakashtaka)

Saturday, 28 Pausha, (ni) 5 Magha, 18 January, 22 Jumadu'lawwal

Kali Ahargana: 1870401 **Julian Day:** 2458866.5

Sunrise: h. 6-44 **Sunset:** h. 17-37 **Moonset:** h. 12-20 **Moonrise:** h. 25-26

Tithi: (Pausha Krishna) Navami h. 28-01 **Nakshatra:** Svati h. 24-16 **Yoga:** Dhriti h. 12-25 **Karana:** Taitila h. 16-45 then Gara h. 28-01 **Moon:** in Tula **Age of Moon:** 22.8 **Declination of Sun:** S 20° 41' **Sidereal Time (noon):** h. 19-58-46s **Equation of time:** -10m 10s

Lagna Makara Begins: Chennai h. 30-22 Delhi h. 31-03 Kolkata h. 30-06 Mumbai h. 31-02

Midday Central Station h.12-10-10s Chennai: h.12-19-11s Delhi: h.12-31-18s Kolkata: h.11-46-39s Mumbai: h.12-48-50s

Sunday, 29 Pausha, (ni) 6 Magha, 19 January, 23 Jumadu'lawwal

Kali Ahargana: 1870402 **Julian Day:** 2458867.5

Sunrise: h. 6-44 **Sunset:** h. 17-38 **Moonset:** h. 13-01 **Moonrise:** h. 26-25

Tithi: (Pausha Krishna) Dasami h. 26-52 **Nakshatra:** Visakha h. 23-41 **Yoga:** Sula h. 10-02 **Karana:** vanij h. 15-23 then Vishti h. 26-52 **Moon:** in Tula, enters Vrischika h. 17-48 **Age of Moon:** 23.8 **Declination of Sun:** S 20° 29' **Sidereal Time (noon):** h. 20-03-02s **Equation of time:** -10m 29s

Lagna Makara Begins: Chennai h. 30-18 Delhi h. 30-59 Kolkata h. 30-02 Mumbai h. 30-58

Midday Central Station h.12-10-29s Chennai: h.12-19-30s Delhi: h.12-31-37s Kolkata: h.11-46-58s Mumbai: h.12-49-10s

Sayana Vyatipata h. 29-19

Monday, 30 Pausha, (ni) 7 Magha, 20 January, 24 Jumadu'lawwal

Kali Ahargana: 1870403 **Julian Day:** 2458868.5

Sunrise: h. 6-43 **Sunset:** h. 17-39 **Moonset:** h. 13-46 **Moonrise:** h. 27-25

Tithi: (Pausha Krishna) Ekadasi h. 26-06 **Nakshatra:** Anuradha h. 23-30 **Yoga:** Ganda h. 7-58 then Vriddhi h. 30-13 **Karana:** Bava h. 14-26 then Balava h. 26-06 **Moon:** in Vrischika **Age of Moon:** 24.8 **Declination of Sun:** S 20° 17' **Sidereal Time (noon):** h. 20-07-17s **Equation of time:** -10m 48s

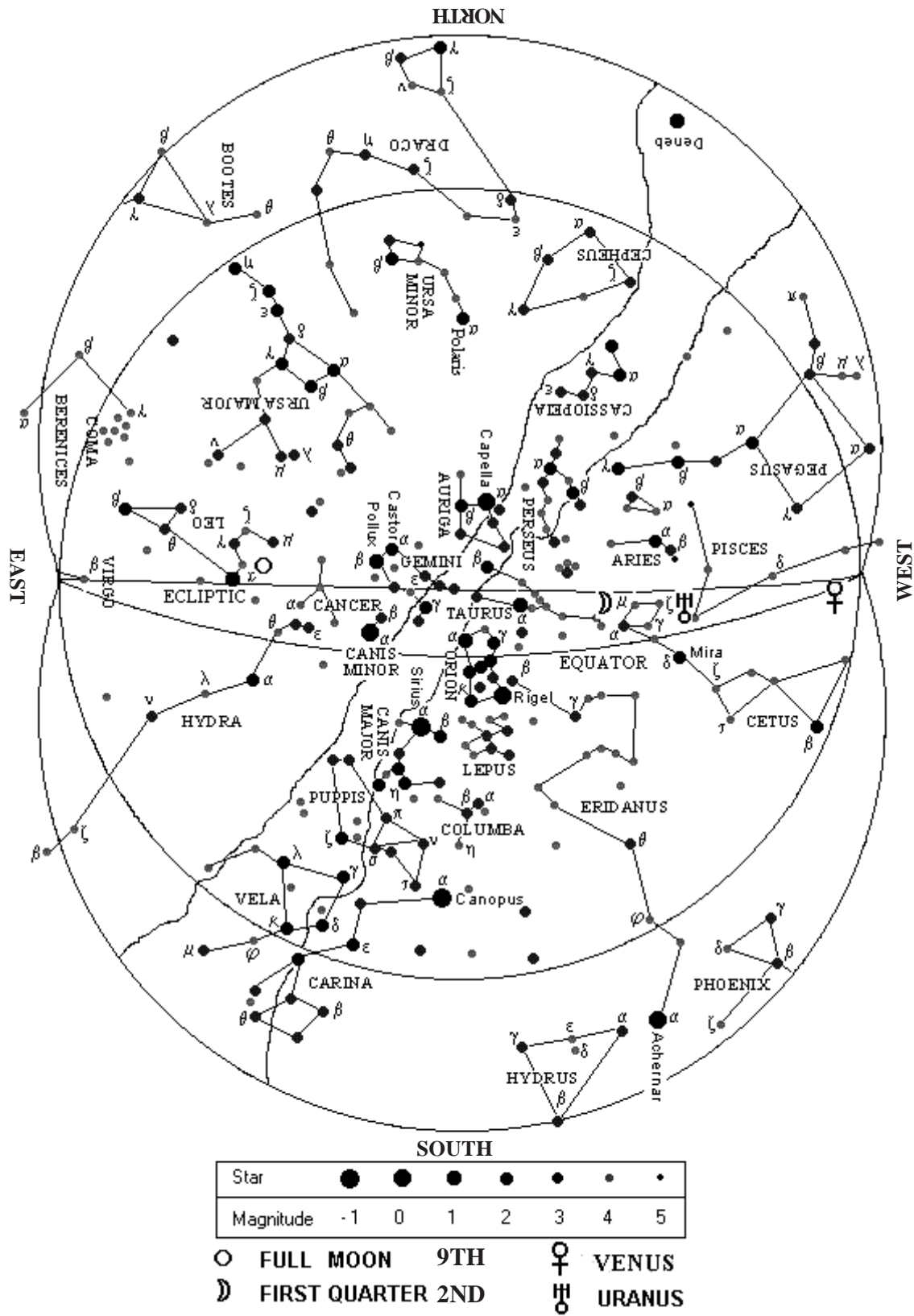
Lagna Makara Begins: Chennai h. 30-14 Delhi h. 30-55 Kolkata h. 29-58 Mumbai h. 30-54

Midday Central Station h.12-10-48s Chennai: h.12-19-48s Delhi: h.12-31-56s Kolkata: h.11-47-17s Mumbai: h.12-49-28s

Sun enters tropical Aquarius h. 20-25

Sattila Ekadasi

STAR CHART FOR THE MONTH OF FEBRUARY, 2020 (12 MAGHA - 10 PHALGUNA) 0° TO 40°N



Month of MAGHA : 30 days :: Vedic Month : Tapasya (Kumbha)

Nirayana months: 8 Magha, 5120 Kali to 7 Phalguna, 5120 Kali :: 23 and 7 days

Sisira Ritu : 2nd Month :: Uttarayana : Dakshina Gola

Sun in Makara, enters Kumbha on 24th :: Ayanamsa on 1st Magha : 24° 07' 58"

Kali Ahargana : 1870404 - 1870433, *Julian Day* : 2458869.5 - 2458898.5

(Nirayana) Phalguna begins on 24 Magha, 13 February, 2020

Tuesday, 1 Magha, (ni) 8 Magha, 21 January, 25 Jumadu'lawwal

Kali Ahargana: 1870404 **Julian Day:** 2458869.5

Sunrise: h. 6-43 **Sunset:** h. 17-39 **Moonset:** h. 14-33 **Moonrise:** h. 28-23

Tithi: (Pausa Krishna) Dvadasi h. 25-45 **Nakshatra:** Jyestha h. 23-43 **Yoga:** Dhruva h. 28-47 **Karana:** Kaulava h. 13-53 then Taitila h. 25-45 **Moon:** in Vrischika, enters Dhanus h. 23-43 **Age of Moon:** 25.8 **Declination of Sun:** S 20° 04' **Sidereal Time (noon):** h. 20-11-31s **Equation of time:** -11m 05s

Lagna Makara Begins: Chennai h. 30-10 Delhi h. 30-51 Kolkata h. 29-54 Mumbai h. 30-50

Midday Central Station h.12-11-05s Chennai: h.12-20-06s Delhi: h.12-32-13s Kolkata: h.11-47-35s Mumbai: h.12-49-46s

Martyrdom Day of Hemu Kalani (Sindhi)

Wednesday, 2 Magha, (ni) 9 Magha, 22 January, 26 Jumadu'lawwal

Kali Ahargana: 1870405 **Julian Day:** 2458870.5

Sunrise: h. 6-43 **Sunset:** h. 17-40 **Moonset:** h. 15-24 **Moonrise:** h. 29-20

Tithi: (Pausa Krishna) Trayodasi h. 25-49 **Nakshatra:** Mula h. 24-20 **Yoga:** Vyaghata h. 27-40 **Karana:** Gara h. 13-44 then vanij h. 25-49 **Moon:** in Dhanus **Age of Moon:** 26.8 **Declination of Sun:** S 19° 51' **Sidereal Time (noon):** h. 20-15-45s **Equation of time:** -11m 22s

Lagna Makara Begins: Chennai h. 30-06 Delhi h. 30-47 Kolkata h. 29-50 Mumbai h. 30-46

Midday Central Station h.12-11-22s Chennai: h.12-20-23s Delhi: h.12-32-30s Kolkata: h.11-47-52s Mumbai: h.12-50-03s

Meru Trayodasi (Jain)

Thursday, 3 Magha, (ni) 10 Magha, 23 January, 27 Jumadu'lawwal

Kali Ahargana: 1870406 **Julian Day:** 2458871.5

Sunrise: h. 6-43 **Sunset:** h. 17-41 **Moonset:** h. 16-18 **Moonrise:** h. 30-12

Tithi: (Pausa Krishna) Chaturdasi h. 26-18 **Nakshatra:** Purvasadha h. 25-21 **Yoga:** Harshana h. 26-52 **Karana:** Vishti h. 14-00 then Sakuni h. 26-18 **Moon:** in Dhanus **Age of Moon:** 27.8 **Declination of Sun:** S 19° 37' **Sidereal Time (noon):** h. 20-19-57s **Equation of time:** -11m 38s

Lagna Makara Begins: Chennai h. 30-02 Delhi h. 30-43 Kolkata h. 29-46 Mumbai h. 30-42

Midday Central Station h.12-11-38s Chennai: h.12-20-39s Delhi: h.12-32-47s Kolkata: h.11-48-08s Mumbai: h.12-50-19s

Netaji's Birthday, Ratanti Kalika Puja

Friday, 4 Magha, (ni) 11 Magha, 24 January, 28 Jumadu'lawwal

Kali Ahargana: 1870407 **Julian Day:** 2458872.5

Sunrise: h. 6-43 **Sunset:** h. 17-41 **Moonset:** h. 17-13

Tithi: (Pausa Krishna) Amavasya h. 27-12 **Nakshatra:** Uttarasadha h. 26-46 **Yoga:** Vajra h. 26-24 **Karana:** Chatuspada h. 14-42 then Naga h. 27-12 **Moon:** in Dhanus, enters Makara h. 7-40 **Age of Moon:** 28.8 ● **Declination of Sun:** S 19° 23' **Sidereal Time (noon):** h. 20-24-09s **Equation of time:** -11m 54s

Lagna Makara Begins: Chennai h. 29-58 Delhi h. 30-39 Kolkata h. 29-42 Mumbai h. 30-38

Midday Central Station h.12-11-54s Chennai: h.12-20-55s Delhi: h.12-33-02s Kolkata: h.11-48-23s Mumbai: h.12-50-34s

Sun enters Sravana Nakshatra h. 21-51

Mauni Amavasya, Tai Amavasya, Makara Vavu (Kerala)

Saturday, 5 Magha, (ni) 12 Magha, 25 January, 29 Jumadu'lawwal

Kali Ahargana: 1870408 **Julian Day:** 2458873.5

Sunrise: h. 6-43 **Sunset:** h. 17-42 **Moonrise:** h. 7-01 **Moonset:** h. 18-08

Tithi: (Magha Sukla) Pratipad h. 28-32 **Nakshatra:** Sravana h. 28-36 **Yoga:** Siddhi (Asrik) h. 26-15 **Karana:** Kinstughna h. 15-49 then Bava h. 28-32 **Moon:** in Makara **Age of Moon:** 0.1 **Declination of Sun:** S 19° 09' **Sidereal Time (noon):** h. 20-28-21s **Equation of time:** -12m 09s

Lagna Makara Begins: Chennai h. 29-54 Delhi h. 30-35 Kolkata h. 29-38 Mumbai h. 30-34

Midday Central Station h.12-12-09s Chennai: h.12-21-10s Delhi: h.12-33-17s Kolkata: h.11-48-38s Mumbai: h.12-50-49s

Magha Sukladi

Sunday, 6 Magha, (ni) 13 Magha, 26 January, 30 Jumadu'lawwal

Kali Ahargana: 1870409 **Julian Day:** 2458874.5

Sunrise: h. 6-42 **Sunset:** h. 17-43 **Moonrise:** h. 7-44 **Moonset:** h. 19-02

Tithi: (Magha Sukla) Dvitiya h. 30-16 **Nakshatra:** Dhanistha ahoratra **Yoga:** Vyatipata h. 26-24 **Karana:** Balava h. 17-21 then Kaulava h. 30-16 **Moon:** in Makara, enters Kumbha h. 17-39 **Age of Moon:** 1.1 **Declination of Sun:** S 18° 54' **Sidereal Time (noon):** h. 20-32-31s **Equation of time:** -12m 22s

Lagna Makara Begins: Chennai h. 29-50 Delhi h. 30-31 Kolkata h. 29-34 Mumbai h. 30-30

Midday Central Station h.12-12-22s Chennai: h.12-21-23s Delhi: h.12-33-31s Kolkata: h.11-48-52s Mumbai: h.12-51-03s

Republic Day

Monday, 7 Magha, (ni) 14 Magha, 27 January, 1 Jumadu's Sani

Kali Ahargana: 1870410 **Julian Day:** 2458875.5

Sunrise: h. 6-42 **Sunset:** h. 17-43 **Moonrise:** h. 8-23 **Moonset:** h. 19-55

Tithi: (Magha Sukla) Tritiya ahoratra **Nakshatra:** Dhanistha h. 6-49 **Yoga:** Variyan h. 26-51 **Karana:** Taitila h. 19-17 **Moon:** in Kumbha **Age of Moon:** 2.1 **Declination of Sun:** S 18° 39' **Sidereal Time (noon):** h. 20-36-41s **Equation of time:** -12m 36s

Lagna Makara Begins: Chennai h. 29-47 Delhi h. 30-28 Kolkata h. 29-31 Mumbai h. 30-27

Midday Central Station h.12-12-36s Chennai: h.12-21-36s Delhi: h.12-33-44s Kolkata: h.11-49-05s Mumbai: h.12-51-16s

Tuesday, 8 Magha, (ni) 15 Magha, 28 January, 2 Jumadu's Sani

Kali Ahargana: 1870411 **Julian Day:** 2458876.5

Sunrise: h. 6-42 **Sunset:** h. 17-44 **Moonrise:** h. 9-00 **Moonset:** h. 20-45

Tithi: (Magha Sukla) Tritiya h. 8-22 **Nakshatra:** Satabhisaj h. 9-23 **Yoga:** Parigha h. 27-32 **Karana:** Gara h. 8-22 then Vanij h. 21-33 **Moon:** in Kumbha, enters Mina h. 29-30 **Age of Moon:** 3.1 **Declination of Sun:** S 18° 23' **Sidereal Time (noon):** h. 20-40-50s **Equation of time:** -12m 48s

Lagna Makara Begins: Chennai h. 29-43 Delhi h. 30-24 Kolkata h. 29-27 Mumbai h. 30-23

Midday Central Station h.12-12-48s Chennai: h.12-21-49s Delhi: h.12-33-56s Kolkata: h.11-49-17s Mumbai: h.12-51-28s

Tila Chaturthi, Kunda Chaturthi, Ganesha Puja (Bengal), **Varada Chaturthi, Birthday of Lala Lajpat Rai**

Wednesday, 9 Magha, (ni) 16 Magha, 29 January, 3 Jumadu's Sani

Kali Ahargana: 1870412 **Julian Day:** 2458877.5

Sunrise: h. 6-42 **Sunset:** h. 17-45 **Moonrise:** h. 9-34 **Moonset:** h. 21-35

Tithi: (Magha Sukla) Chaturthi h. 10-46 **Nakshatra:** Purva Bhadrapada h. 12-13 **Yoga:** Siva h. 28-21 **Karana:** Vishti h. 10-46 then Bava h. 24-02 **Moon:** in Mina **Age of Moon:** 4.1 **Declination of Sun:** S 18° 08' **Sidereal Time (noon):** h. 20-44-58s **Equation of time:** -12m 59s

Lagna Makara Begins: Chennai h. 29-39 Delhi h. 30-20 Kolkata h. 29-23 Mumbai h. 30-19

Midday Central Station h.12-12-59s Chennai: h.12-22-00s Delhi: h.12-34-07s Kolkata: h.11-49-29s Mumbai: h.12-51-40s

Thursday, 10 Magha, (ni) 17 Magha, 30 January, 4 Jumadu's Sani**Kali Ahargana:** 1870413 **Julian Day:** 2458878.5**Sunrise:** h. 6-41 **Sunset:** h. 17-46 **Moonrise:** h. 10-06 **Moonset:** h. 22-24

Tithi: (Magha Sukla) Panchami h. 13-20 **Nakshatra:** Uttara Bhadrpada h. 15-12 **Yoga:** Siddha h. 29-13 **Karana:** Balava h. 13-20 then Kaulava h. 26-37 **Moon:** in Mina **Age of Moon:** 5.1 **Declination of Sun:** S 17° 52' **Sidereal Time (noon):** h. 20-49-05s **Equation of time:** -13m 10s

Lagna Kumbha Begins: Chennai h. 7-32 Delhi h. 8-02 Kolkata h. 7-10 Mumbai h. 8-08

Midday Central Station h.12-13-10s Chennai: h.12-22-11s Delhi: h.12-34-18s Kolkata: h.11-49-39s Mumbai: h.12-51-50s

Sri Panchami, Sarasvati Puja, Vasanta Panchami, Martyr's Day (Mahatma Gandhi Commemoration Day)**Friday, 11 Magha, (ni) 18 Magha, 31 January, 5 Jumadu's Sani****Kali Ahargana:** 1870414 **Julian Day:** 2458879.5**Sunrise:** h. 6-41 **Sunset:** h. 17-46 **Moonrise:** h. 10-38 **Moonset:** h. 23-14

Tithi: (Magha Sukla) Shashthi h. 15-52 **Nakshatra:** Revati h. 18-10 **Yoga:** Sadhya h. 29-59 **Karana:** Taitila h. 15-52 then Gara h. 29-04 **Moon:** in Mina, enters Mesha h. 18-10 **Age of Moon:** 6.1 **Declination of Sun:** S 17° 35' **Sidereal Time (noon):** h. 20-53-11s **Equation of time:** -13m 20s

Lagna Kumbha Begins: Chennai h. 7-28 Delhi h. 7-58 Kolkata h. 7-06 Mumbai h. 8-04

Midday Central Station h.12-13-20s Chennai: h.12-22-21s Delhi: h.12-34-28s Kolkata: h.11-49-49s Mumbai: h.12-52-00s

Saturday, 12 Magha, (ni) 19 Magha, 1 February, 6 Jumadu's Sani**Kali Ahargana:** 1870415 **Julian Day:** 2458880.5**Sunrise:** h. 6-40 **Sunset:** h. 17-47 **Moonrise:** h. 11-12 **Moonset:** h. 24-04

Tithi: (Magha Sukla) Saptami h. 18-11 **Nakshatra:** Asvini h. 20-54 **Yoga:** Subha h. 30-29 **Karana:** vanij h. 18-11 **Moon:** in Mesha **Age of Moon:** 7.1 **Declination of Sun:** S 17° 19' **Sidereal Time (noon):** h. 20-57-17s **Equation of time:** -13m 29s

Lagna Kumbha Begins: Chennai h. 7-24 Delhi h. 7-54 Kolkata h. 7-02 Mumbai h. 8-00

Midday Central Station h.12-13-29s Chennai: h.12-22-29s Delhi: h.12-34-37s Kolkata: h.11-49-58s Mumbai: h.12-52-09s

Arogya Saptami, Vidhana Saptami, Ratha Saptami (Purvarunodaya)**Sunday, 13 Magha, (ni) 20 Magha, 2 February, 7 Jumadu's Sani****Kali Ahargana:** 1870416 **Julian Day:** 2458881.5**Sunrise:** h. 6-40 **Sunset:** h. 17-48 **Moonrise:** h. 11-47 **Moonset:** h. 24-56

Tithi: (Magha Siukla) Ashtami h. 20-04 **Nakshatra:** Bharani h. 23-11 **Yoga:** Sukla (Sukra) h. 30-37 **Karana:** Vishti h. 7-12 then Bava h. 20-04 **Moon:** in Mesha, enters Vrisha h. 29-40 **Age of Moon:** 8.1 **Declination of Sun:** S 17° 02' **Sidereal Time (noon):** h. 21-01-21s **Equation of time:** -13m 37s

Lagna Kumbha Begins: Chennai h. 7-20 Delhi h. 7-50 Kolkata h. 6-58 Mumbai h. 7-56

Midday Central Station h.12-13-37s Chennai: h.12-22-38s Delhi: h.12-34-45s Kolkata: h.11-50-06s Mumbai: h.12-52-17s

Sayana Vaidhriti h. 15-39

Bhishmashtami**Monday, 14 Magha, (ni) 21 Magha, 3 February, 8 Jumadu's Sani****Kali Ahargana:** 1870417 **Julian Day:** 2458882.5**Sunrise:** h. 6-40 **Sunset:** h. 17-48 **Moonrise:** h. 12-24 **Moonset:** h. 25-51

Tithi: (Magha Sukla) Navami h. 21-20 **Nakshatra:** Kritika h. 24-52 **Yoga:** Brahma h. 30-13 **Karana:** Balava h. 8-47 then Kaulava h. 21-20 **Moon:** in Vrisha **Age of Moon:** 9.1 **Declination of Sun:** S 16° 44' **Sidereal Time (noon):** h. 21-05-25s **Equation of time:** -13m 44s

Lagna Kumbha Begins: Chennai h. 7-16 Delhi h. 7-46 Kolkata h. 6-54 Mumbai h. 7-52

Midday Central Station h.12-13-44s Chennai: h.12-22-45s Delhi: h.12-34-52s Kolkata: h.11-50-14s Mumbai: h.12-52-24s

Tuesday, 15 Magha, (ni) 22 Magha, 4 February, 9 Jumadu's Sani**Kali Ahargana:** 1870418 **Julian Day:** 2458883.5**Sunrise:** h. 6-39 **Sunset:** h. 17-49 **Moonrise:** h. 13-07 **Moonset:** h. 26-48**Tithi:** (Magha Sukla) Dasami h. 21-50 **Nakshatra:** Rohini h. 25-49 **Yoga:** Indra h. 29-13 **Karana:** Taitila h. 9-41 then Gara h. 21-50 **Moon:** in Vrisha **Age of Moon:** 10.1 **Declination of Sun:** S 16° 27' **Sidereal Time (noon):** h. 21-09-28s **Equation of time:** -13m 50s**Lagna Kumbha Begins:** Chennai h. 7-13 Delhi h. 7-43 Kolkata h. 6-51 Mumbai h. 7-49

Midday Central Station h.12-13-50s Chennai: h.12-22-51s Delhi: h.12-34-58s Kolkata: h.11-50-20s Mumbai: h.12-52-31s

Wednesday, 16 Magha, (ni) 23 Magha, 5 February, 10 Jumadu's Sani**Kali Ahargana:** 1870419 **Julian Day:** 2458884.5**Sunrise:** h. 6-39 **Sunset:** h. 17-50 **Moonrise:** h. 13-55 **Moonset:** h. 27-47**Tithi:** (Magha Sukla) Ekadasi h. 21-31 **Nakshatra:** Mrigasiras h. 25-59 **Yoga:** Vaidhriti h. 27-35 **Karana:** vanij h. 9-47 then Vishti h. 21-31 **Moon:** in Vrisha, enters Mithuna h. 14-00 **Age of Moon:** 11.1 **Declination of Sun:** S 16° 09' **Sidereal Time (noon):** h. 21-13-31s **Equation of time:** -13m 56s**Lagna Kumbha Begins:** Chennai h. 7-09 Delhi h. 7-39 Kolkata h. 6-47 Mumbai h. 7-45

Midday Central Station h.12-13-56s Chennai: h.12-22-57s Delhi: h.12-35-04s Kolkata: h.11-50-26s Mumbai: h.12-52-36s

Jaya Ekadasi, Bhaimi Ekadasi (Bengal)**Thursday, 17 Magha, (ni) 24 Magha, 6 February, 11 Jumadu's Sani****Kali Ahargana:** 1870420 **Julian Day:** 2458885.5**Sunrise:** h. 6-38 **Sunset:** h. 17-50 **Moonrise:** h. 14-49 **Moonset:** h. 28-46**Tithi:** (Magha Sukla) Dvadasi h. 20-24 **Nakshatra:** Ardra h. 25-21 **Yoga:** Viskumbha h. 25-19 **Karana:** Bava h. 9-04 then Balava h. 20-24 **Moon:** in Mithuna **Age of Moon:** 12.1 **Declination of Sun:** S 15° 51' **Sidereal Time (noon):** h. 21-17-32s **Equation of time:** -14m 01s**Lagna Kumbha Begins:** Chennai h. 7-05 Delhi h. 7-35 Kolkata h. 6-43 Mumbai h. 7-41

Midday Central Station h.12-14-01s Chennai: h.12-23-02s Delhi: h.12-35-09s Kolkata: h.11-50-30s Mumbai: h.12-52-41s

Sun enters Dhanishtha Nakshatra h. 24-58

Bhishmadvadasi**Friday, 18 Magha, (ni) 25 Magha, 7 February, 12 Jumadu's Sani****Kali Ahargana:** 1870421 **Julian Day:** 2458886.5**Sunrise:** h. 6-38 **Sunset:** h. 17-51 **Moonrise:** h. 15-50 **Moonset:** h. 29-43**Tithi:** (Magha Sukla) Trayodasi h. 18-32 **Nakshatra:** Punarvasu h. 24-01 **Yoga:** Priti h. 22-29 **Karana:** Kaulava h. 7-33, Taitila h. 18-32 then Gara h. 29-21 **Moon:** in Mithuna, enters Karkata h. 18-24 **Age of Moon:** 13.1 **Declination of Sun:** S 15° 32' **Sidereal Time (noon):** h. 21-21-32s **Equation of time:** -14m 05s**Lagna Kumbha Begins:** Chennai h. 7-01 Delhi h. 7-31 Kolkata h. 6-39 Mumbai h. 7-37

Midday Central Station h.12-14-05s Chennai: h.12-23-06s Delhi: h.12-35-13s Kolkata: h.11-50-34s Mumbai: h.12-52-45s

Desert Festival 3 Days (Jaisalmer)**Saturday, 19 Magha, (ni) 26 Magha, 8 February, 13 Jumadu's Sani****Kali Ahargana:** 1870422 **Julian Day:** 2458887.5**Sunrise:** h. 6-37 **Sunset:** h. 17-51 **Moonrise:** h. 16-54**Tithi:** (Magha Sukla) Chaturdasi h. 16-02 **Nakshatra:** Pushya h. 22-05 **Yoga:** Ayusman h. 19-10 **Karana:** vanij h. 16-02 then Vishti h. 26-36 **Moon:** in Karkata **Age of Moon:** 14.1 **Declination of Sun:** S 15° 14' **Sidereal Time (noon):** h. 21-25-32s **Equation of time:** -14m 08s**Lagna Kumbha Begins:** Chennai h. 6-57 Delhi h. 7-27 Kolkata h. 6-35 Mumbai h. 7-33

Midday Central Station h.12-14-08s Chennai: h.12-23-09s Delhi: h.12-35-16s Kolkata: h.11-50-38s Mumbai: h.12-52-48s

Floating Festival / Tai Poosam

Sunday, 20 Magha, (ni) 27 Magha, 9 February, 14 Jumadu's Sani**Kali Ahargana:** 1870423 **Julian Day:** 2458888.5**Sunrise:** h. 6-37 **Sunset:** h. 17-52 **Moonset:** h. 6-37 **Moonrise:** h. 18-00**Tithi:** (Magha Sukla) Purnima h. 13-03 **Nakshatra:** Aslesha h. 19-43 **Yoga:** Saubhagya h. 15-28 **Karana:** Bava h. 13-03 then Balava h. 23-26 **Moon:** in Karkata, enters Simha h. 19-43 **Age of Moon:** 15.1 **Declination of Sun:** S 14° 55' **Sidereal Time (noon):** h. 21-29-31s **Equation of time:** -14m 10s**Lagna** Kumbha Begins: Chennai h. 6-53 Delhi h. 7-23 Kolkata h. 6-31 Mumbai h. 7-29

Midday Central Station h.12-14-10s Chennai: h.12-23-11s Delhi: h.12-35-18s Kolkata: h.11-50-40s Mumbai: h.12-52-50s

Septuagesima Sunday (Christian), Guru Ravidas's Birthday, Maghi Purnima**Monday, 21 Magha, (ni) 28 Magha, 10 February, 15 Jumadu's Sani****Kali Ahargana:** 1870424 **Julian Day:** 2458889.5**Sunrise:** h. 6-36 **Sunset:** h. 17-53 **Moonset:** h. 7-27 **Moonrise:** h. 19-07**Tithi:** (Magha Krishna) Pratipad h. 9-45 then Dvitiya h. 30-19 **Nakshatra:** Magha h. 17-06 **Yoga:** Sobhana h. 11-32 **Karana:** Kaulava h. 9-45, Taitila h. 20-02 then Gara h. 30-19 **Moon:** in Simha **Age of Moon:** 16.1 **Declination of Sun:** S 14° 36' **Sidereal Time (noon):** h. 21-33-29s **Equation of time:** -14m 12s**Lagna** Kumbha Begins: Chennai h. 6-49 Delhi h. 7-19 Kolkata h. 6-27 Mumbai h. 7-25

Midday Central Station h.12-14-12s Chennai: h.12-23-13s Delhi: h.12-35-20s Kolkata: h.11-50-42s Mumbai: h.12-52-52s

Tuesday, 22 Magha, (ni) 29 Magha, 11 February, 16 Jumadu's Sani**Kali Ahargana:** 1870425 **Julian Day:** 2458890.5**Sunrise:** h. 6-36 **Sunset:** h. 17-53 **Moonset:** h. 8-13 **Moonrise:** h. 20-12**Tithi:** (Magha Krishna) Tritiya h. 26-53 **Nakshatra:** Purva Phalguni h. 14-23 **Yoga:** Atiganda h. 7-29 then Sukarma h. 27-28 **Karana:** Vanij h. 16-35 then Vishti h. 26-53 **Moon:** in Simha, enters Kanya h. 19-43 **Age of Moon:** 17.1 **Declination of Sun:** S 14° 16' **Sidereal Time (noon):** h. 21-37-27s **Equation of time:** -14m 13s**Lagna** Kumbha Begins: Chennai h. 6-45 Delhi h. 7-15 Kolkata h. 6-23 Mumbai h. 7-21

Midday Central Station h.12-14-13s Chennai: h.12-23-13s Delhi: h.12-35-21s Kolkata: h.11-50-42s Mumbai: h.12-52-53s

Wednesday, 23 Magha, (ni) 30 Magha, 12 February, 17 Jumadu's Sani**Kali Ahargana:** 1870426 **Julian Day:** 2458891.5**Sunrise:** h. 6-35 **Sunset:** h. 17-54 **Moonset:** h. 8-56 **Moonrise:** h. 21-15**Tithi:** (Magha Krishna) Chaturthi h. 23-40 **Nakshatra:** Uttara Phalguni h. 11-46 **Yoga:** Dhriti h. 23-37 **Karana:** Bava h. 13-15 then Balava h. 23-40 **Moon:** in Kanya **Age of Moon:** 18.1 **Declination of Sun:** S 13° 56' **Sidereal Time (noon):** h. 21-41-23s **Equation of time:** -14m 13s**Lagna** Kumbha Begins: Chennai h. 6-41 Delhi h. 7-11 Kolkata h. 6-19 Mumbai h. 7-17

Midday Central Station h.12-14-13s Chennai: h.12-23-14s Delhi: h.12-35-21s Kolkata: h.11-50-42s Mumbai: h.12-52-53s

Saura Phalgunadi h. 18-05

Thursday, 24 Magha, (ni) 1 Phalguna, 13 February, 18 Jumadu's Sani**Kali Ahargana:** 1870427 **Julian Day:** 2458892.5**Sunrise:** h. 6-34 **Sunset:** h. 17-54 **Moonset:** h. 9-38 **Moonrise:** h. 22-17**Tithi:** (Magha Krishna) Panchami h. 20-47 **Nakshatra:** Hasta h. 9-25 **Yoga:** Sula h. 20-02 **Karana:** Kaulava h. 10-10 then Taitila h. 20-47 **Moon:** in Kanya, enters Tula h. 20-23 **Age of Moon:** 19.1 **Declination of Sun:** S 13° 37' **Sidereal Time (noon):** h. 21-45-19s **Equation of time:** -14m 12s**Lagna** Kumbha Begins: Chennai h. 6-37 Delhi h. 7-07 Kolkata h. 6-15 Mumbai h. 7-13

Midday Central Station h.12-14-12s Chennai: h.12-23-13s Delhi: h.12-35-20s Kolkata: h.11-50-42s Mumbai: h.12-52-52s

Sun enters Nirayana Kumbha Rasi h. 15-04

Friday, 25 Magha, (ni) 2 Phalguna, 14 February, 19 Jumadu's Sani**Kali Ahargana:** 1870428 **Julian Day:** 2458893.5**Sunrise:** h. 6-34 **Sunset:** h. 17-55 **Moonset:** h. 10-18 **Moonrise:** h. 23-19**Tithi:** (Magha Krishna) Shashthi h. 18-22 **Nakshatra:** Chitra h. 7-28 then Svati h. 30-01 **Yoga:** Ganda h. 16-50 **Karana:** Gara h. 7-30, Vanij h. 18-22 then Vishti h. 29-21 **Moon:** in Tula **Age of Moon:** 20.1 **Declination of Sun:** S 13° 16' **Sidereal Time (noon):** h. 21-49-14s **Equation of time:** -14m 11s**Lagna Kumbha** Begins: Chennai h. 6-33 / 30-29 Delhi h. 7-03 / 30-59 Kolkata h. 6-11 / 30-07 Mumbai h. 7-09 / 31-05
Midday Central Station h.12-14-11s Chennai: h.12-23-11s Delhi: h.12-35-18s Kolkata: h.11-50-40s Mumbai: h.12-52-50s
Sayana Vyatipata h. 14-23**Saturday, 26 Magha, (ni) 3 Phalguna, 15 February, 20 Jumadu's Sani****Kali Ahargana:** 1870429 **Julian Day:** 2458894.5**Sunrise:** h. 6-33 **Sunset:** h. 17-56 **Moonset:** h. 11-00 **Moonrise:** h. 24-20**Tithi:** (Magha Krishna) Saptami h. 16-30 **Nakshatra:** Visakha h. 29-09 **Yoga:** Vriddhi h. 14-05 **Karana:** Bava h. 16-30 then Balava h. 27-47 **Moon:** in Tula, enters Vrischika h. 23-19 **Age of Moon:** 21.1 **Declination of Sun:** S 12° 56' **Sidereal Time (noon):** h. 21-53-08s **Equation of time:** -14m 08s**Lagna Kumbha** Begins: Chennai h. 30-25 Delhi h. 30-55 Kolkata h. 30-03 Mumbai h. 31-01
Midday Central Station h.12-14-08s Chennai: h.12-23-09s Delhi: h.12-35-16s Kolkata: h.11-50-38s Mumbai: h.12-52-48s
Vaikkatashtami (Kerala)**Sunday, 27 Magha, (ni) 4 Phalguna, 16 February, 21 Jumadu's Sani****Kali Ahargana:** 1870430 **Julian Day:** 2458895.5**Sunrise:** h. 6-32 **Sunset:** h. 17-56 **Moonset:** h. 11-45 **Moonrise:** h. 25-20**Tithi:** (Magha Krishna) Ashtami h. 15-14 **Nakshatra:** Anuradha h. 28-54 **Yoga:** Dhruva h. 11-48 **Karana:** Kaulava h. 15-14 then Taitila h. 26-51 **Moon:** in Vrischika **Age of Moon:** 22.1 **Declination of Sun:** S 12° 35' **Sidereal Time (noon):** h. 21-57-02s **Equation of time:** -14m 06s**Lagna Kumbha** Begins: Chennai h. 30-21 Delhi h. 30-51 Kolkata h. 29-59 Mumbai h. 30-57
Midday Central Station h.12-14-06s Chennai: h.12-23-06s Delhi: h.12-35-13s Kolkata: h.11-50-35s Mumbai: h.12-52-45s
Janaki Janma, Ashtaka (Sakashtaka)**Monday, 28 Magha, (ni) 5 Phalguna, 17 February, 22 Jumadu's Sani****Kali Ahargana:** 1870431 **Julian Day:** 2458896.5**Sunrise:** h. 6-32 **Sunset:** h. 17-57 **Moonset:** h. 12-31 **Moonrise:** h. 26-19**Tithi:** (Magha Krishna) Navami h. 14-36 **Nakshatra:** Jyestha h. 29-14 **Yoga:** Vyaghata h. 10-01 **Karana:** Gara h. 14-36 then vanij h. 26-30 **Moon:** in Vrischika, enters Dhanus h. 29-14 **Age of Moon:** 23.1 **Declination of Sun:** S 12° 15' **Sidereal Time (noon):** h. 22-00-55s **Equation of time:** -14m 02s**Lagna Kumbha** Begins: Chennai h. 30-17 Delhi h. 30-47 Kolkata h. 29-55 Mumbai h. 30-53
Midday Central Station h.12-14-02s Chennai: h.12-23-03s Delhi: h.12-35-10s Kolkata: h.11-50-32s Mumbai: h.12-52-42s**Tuesday, 29 Magha, (ni) 6 Phalguna, 18 February, 23 Jumadu's Sani****Kali Ahargana:** 1870432 **Julian Day:** 2458897.5**Sunrise:** h. 6-31 **Sunset:** h. 17-57 **Moonset:** h. 13-21 **Moonrise:** h. 27-16**Tithi:** (Magha Krishna) Dasami h. 14-33 **Nakshatra:** Mula h. 30-06 **Yoga:** Harshana h. 8-43 **Karana:** Vishti h. 14-33 then Bava h. 26-44 **Moon:** in Dhanus **Age of Moon:** 24.1 **Declination of Sun:** S 11° 54' **Sidereal Time (noon):** h. 22-04-47s **Equation of time:** -13m 58s**Lagna Kumbha** Begins: Chennai h. 30-14 Delhi h. 30-44 Kolkata h. 29-52 Mumbai h. 30-50
Midday Central Station h.12-13-58s Chennai: h.12-22-59s Delhi: h.12-35-06s Kolkata: h.11-50-27s Mumbai: h.12-52-38s**Birthday of Swami Dayanand Saraswati** (Founder of Arya Samaj)

Wednesday, 30 Magha, (ni) 7 Phalguna, 19 February, 24 Jumadu's Sani

Kali Ahargana: 1870433 **Julian Day:** 2458898.5

Sunrise: h. 6-30 **Sunset:** h. 17-58 **Moonset:** h. 14-13 **Moonrise:** h. 28-08

Tithi: (Magha Krishna) Ekadasi h. 15-03 **Nakshatra:** Purvasadha ahoratra **Yoga:** Vajra h. 7-50 **Karana:** Balava h. 15-03 then Kaulava h. 27-28 **Moon:** in Dhanus **Age of Moon:** 25.1 **Declination of Sun:** S 11° 33' **Sidereal Time (noon):** h. 22-08-39s
Equation of time: -13m 53s

Lagna Kumbha Begins: Chennai h. 30-10 Delhi h. 30-40 Kolkata h. 29-48 Mumbai h. 30-46

Midday Central Station h.12-13-53s Chennai: h.12-22-54s Delhi: h.12-35-01s Kolkata: h.11-50-23s Mumbai: h.12-52-33s

Sun enters Tropical Pisces h. 10-27, Sun enters Satabhisaj Nakshatra h. 29-30

Vijaya Ekadasi, Shivaji Jayanti

NORTH



☉	FULL MOON	9TH	♀	VENUS
☾	FIRST QUARTER	2ND	♅	URANUS

Month of PHALGUNA : 30 days :: Vedic Month : Madhu (Mina)

Nirayana months: 8 Phalguna, 5120 Kali to 6 Chaitra, 5120 Kali :: 23 and 7 days

Vasanta Ritu : 1st Month :: Uttarayana : Dakshina Gola

Sun in Kumbha, enters Mina on 24th :: Ayanamsa on 1st Phalguna : 24° 08' 02"

Kali Ahargana : 1870434 - 1870463, *Julian Day* : 2458899.5 - 2458928.5

(Nirayana) Chaitra begins on 25 Phalguna, 15 March, 2020

Thursday, 1 Phalguna, (ni) 8 Phalguna, 20 February, 25 Jumadu's Sani

Kali Ahargana: 1870434 **Julian Day:** 2458899.5

Sunrise: h. 6-30 **Sunset:** h. 17-58 **Moonset:** h. 15-07 **Moonrise:** h. 28-57

Tithi: (Magha Krishna) Dvadasi h. 16-00 **Nakshatra:** Purvasadha h. 7-28 **Yoga:** Siddhi (Asrik) h. 7-19 **Karana:** Taitila h. 16-00 then Gara h. 28-38 **Moon:** in Dhanus, enters Makara h. 13-52 **Age of Moon:** 26.1 **Declination of Sun:** S 11° 11' **Sidereal Time (noon):** h. 22-12-30s **Equation of time:** -13m 47s

Lagna Kumbha Begins: Chennai h. 30-06 Delhi h. 30-36 Kolkata h. 29-44 Mumbai h. 30-42

Midday Central Station h.12-13-47s Chennai: h.12-22-48s Delhi: h.12-34-55s Kolkata: h.11-50-17s Mumbai: h.12-52-27s

Maha Sivaratri (Kashmir)

Friday, 2 Phalguna, (ni) 9 Phalguna, 21 February, 26 Jumadu's Sani

Kali Ahargana: 1870435 **Julian Day:** 2458900.5

Sunrise: h. 6-29 **Sunset:** h. 17-59 **Moonset:** h. 16-01 **Moonrise:** h. 29-42

Tithi: (Magha Krishna) Trayodasi h. 17-22 **Nakshatra:** Uttarasadha h. 9-13 **Yoga:** Vyatipata h. 7-08 **Karana:** vanij h. 17-22 then Vishti h. 30-10 **Moon:** in Makara **Age of Moon:** 27.1 **Declination of Sun:** S 10° 50' **Sidereal Time (noon):** h. 22-16-20s **Equation of time:** -13m 41s

Lagna Kumbha Begins: Chennai h. 30-02 Delhi h. 30-32 Kolkata h. 29-40 Mumbai h. 30-38

Midday Central Station h.12-13-41s Chennai: h.12-22-42s Delhi: h.12-34-49s Kolkata: h.11-50-11s Mumbai: h.12-52-21s

Maha Sivaratri, Sivaratri (S. India)

Saturday, 3 Phalguna, (ni) 10 Phalguna, 22 February, 27 Jumadu's Sani

Kali Ahargana: 1870436 **Julian Day:** 2458901.5

Sunrise: h. 6-28 **Sunset:** h. 17-59 **Moonset:** h. 16-55 **Moonrise:** h. 30-22

Tithi: (Magha Krishna) Chaturdasi h. 19-03 **Nakshatra:** Sravana h. 11-19 **Yoga:** Variyan h. 7-13 **Karana:** Sakuni h. 19-03 **Moon:** in Makara, enters Kumbha h. 24-29 **Age of Moon:** 28.1 **Declination of Sun:** S 10° 28' **Sidereal Time (noon):** h. 22-20-10s **Equation of time:** -13m 34s

Lagna Kumbha Begins: Chennai h. 29-58 Delhi h. 30-28 Kolkata h. 29-36 Mumbai h. 30-34

Midday Central Station h.12-13-34s Chennai: h.12-22-35s Delhi: h.12-34-42s Kolkata: h.11-50-04s Mumbai: h.12-52-14s

Sunday, 4 Phalguna, (ni) 11 Phalguna, 23 February, 28 Jumadu's Sani

Kali Ahargana: 1870437 **Julian Day:** 2458902.5

Sunrise: h. 6-27 **Sunset:** h. 18-00 **Moonset:** h. 17-48

Tithi: (Magha Krishna) Amavasya h. 21-02 **Nakshatra:** Dhanistha h. 13-43 **Yoga:** Parigha h. 7-32 **Karana:** Chatuspada h. 8-01 then Naga h. 21-02 **Moon:** in Kumbha **Age of Moon:** 29.1 ● **Declination of Sun:** S 10° 06' **Sidereal Time (noon):** h. 22-23-59s **Equation of time:** -13m 27s

Lagna Kumbha Begins: Chennai h. 29-54 Delhi h. 30-24 Kolkata h. 29-32 Mumbai h. 30-30

Midday Central Station h.12-13-27s Chennai: h.12-22-27s Delhi: h.12-34-34s Kolkata: h.11-49-56s Mumbai: h.12-52-06s

Quinquagesima (Shrove) **Sunday** (Christian)

Monday, 5 Phalguna, (ni) 12 Phalguna, 24 February, 29 Jumadu's Sani**Kali Ahargana:** 1870438 **Julian Day:** 2458903.5**Sunrise:** h. 6-27 **Sunset:** h. 18-00 **Moonrise:** h. 6-59 **Moonset:** h. 18-39

Tithi: (Phalguna Sukla) Pratipad h. 23-15 **Nakshatra:** Satabhisaj h. 16-21 **Yoga:** Siva h. 8-03 **Karana:** Kinstughna h. 10-07 then Bava h. 23-15 **Moon:** in Kumbha **Age of Moon:** 0.4 **Declination of Sun:** S 9° 44' **Sidereal Time (noon):** h. 22-27-47s **Equation of time:** -13m 18s

Lagna Kumbha Begins: Chennai h. 29-50 Delhi h. 30-20 Kolkata h. 29-28 Mumbai h. 30-26

Midday Central Station h.12-13-18s Chennai: h.12-22-19s Delhi: h.12-34-26s Kolkata: h.11-49-48s Mumbai: h.12-51-58s

Tuesday, 6 Phalguna, (ni) 13 Phalguna, 25 February, 30 Jumadu's Sani**Kali Ahargana:** 1870439 **Julian Day:** 2458904.5**Sunrise:** h. 6-26 **Sunset:** h. 18-01 **Moonrise:** h. 7-34 **Moonset:** h. 19-30

Tithi: (Phalguna Sukla) Dvitiya h. 25-40 **Nakshatra:** Purva Bhadrapada h. 19-10 **Yoga:** Siddha h. 8-45 **Karana:** Balava h. 12-27 then Kaulava h. 25-40 **Moon:** in Kumbha, enters Mina h. 12-27 **Age of Moon:** 1.4 **Declination of Sun:** S 9° 22' **Sidereal Time (noon):** h. 22-31-35s **Equation of time:** -13m 10s

Lagna Kumbha Begins: Chennai h. 29-46 Delhi h. 30-16 Kolkata h. 29-24 Mumbai h. 30-22

Midday Central Station h.12-13-10s Chennai: h.12-22-10s Delhi: h.12-34-18s Kolkata: h.11-49-40s Mumbai: h.12-51-49s

Birthday of Sri Ramakrishna (According to tithi)**Wednesday, 7 Phalguna, (ni) 14 Phalguna, 26 February, 1 Rajab****Kali Ahargana:** 1870440 **Julian Day:** 2458905.5**Sunrise:** h. 6-25 **Sunset:** h. 18-02 **Moonrise:** h. 8-06 **Moonset:** h. 20-19

Tithi: (Phalguna Sukla) Tritiya h. 28-12 **Nakshatra:** Uttara Bhadrapada h. 22-08 **Yoga:** Sadhya h. 9-33 **Karana:** Taitila h. 14-56 then Gara h. 28-12 **Moon:** in Mina **Age of Moon:** 2.4 **Declination of Sun:** S 9° 00' **Sidereal Time (noon):** h. 22-35-22s **Equation of time:** -13m 00s

Lagna Kumbha Begins: Chennai h. 29-42 Delhi h. 30-12 Kolkata h. 29-20 Mumbai h. 30-18

Midday Central Station h.12-13-00s Chennai: h.12-22-01s Delhi: h.12-34-08s Kolkata: h.11-49-30s Mumbai: h.12-51-40s

Ash Wednesday (Christian)**Thursday, 8 Phalguna, (ni) 15 Phalguna, 27 February, 2 Rajab****Kali Ahargana:** 1870441 **Julian Day:** 2458906.5**Sunrise:** h. 6-24 **Sunset:** h. 18-02 **Moonrise:** h. 8-38 **Moonset:** h. 21-08

Tithi: (Phalguna Sukla) Chaturthi ahoratra **Nakshatra:** Revati h. 25-08 **Yoga:** Subha h. 10-26 **Karana:** Vanij h. 17-29 **Moon:** in Mina, enters Mesha h. 25-08 **Age of Moon:** 3.4 **Declination of Sun:** S 8° 37' **Sidereal Time (noon):** h. 22-39-09s **Equation of time:** -12m 50s

Lagna Kumbha Begins: Chennai h. 29-38 Delhi h. 30-08 Kolkata h. 29-16 Mumbai h. 30-14

Midday Central Station h.12-12-50s Chennai: h.12-21-51s Delhi: h.12-33-58s Kolkata: h.11-49-20s Mumbai: h.12-51-30s

Sayana Vaidhriti h. 19-53

Friday, 9 Phalguna, (ni) 16 Phalguna, 28 February, 3 Rajab**Kali Ahargana:** 1870442 **Julian Day:** 2458907.5**Sunrise:** h. 6-23 **Sunset:** h. 18-02 **Moonrise:** h. 9-11 **Moonset:** h. 21-58

Tithi: (Phalguna Sukla) Chaturthi h. 6-45 **Nakshatra:** Asvini h. 28-03 **Yoga:** Sukla (Sukra) h. 11-19 **Karana:** Vishti h. 6-45 then Bava h. 19-59 **Moon:** in Mesha **Age of Moon:** 4.4 **Declination of Sun:** S 8° 15' **Sidereal Time (noon):** h. 22-42-55s **Equation of time:** -12m 40s

Lagna Kumbha Begins: Chennai h. 29-34 Delhi h. 30-04 Kolkata h. 29-12 Mumbai h. 30-10

Midday Central Station h.12-12-40s Chennai: h.12-21-41s Delhi: h.12-33-48s Kolkata: h.11-49-10s Mumbai: h.12-51-20s

Saturday, 10 Phalguna, (ni) 17 Phalguna, 29 February, 4 Rajab**Kali Ahargana:** 1870443 **Julian Day:** 2458908.5**Sunrise:** h. 6-22 **Sunset:** h. 18-03 **Moonrise:** h. 9-45 **Moonset:** h. 22-48

Tithi: (Phalguna Sukla) Panchami h. 9-10 **Nakshatra:** Bharani ahoratra **Yoga:** Brahma h. 12-04 **Karana:** Balava h. 9-10 then Kaulava h. 22-16 **Moon:** in Mesha **Age of Moon:** 5.4 **Declination of Sun:** S 7° 52' **Sidereal Time (noon):** h. 22-46-41s
Equation of time: -12m 29s

Lagna Mina Begins: Chennai h. 7-16 Delhi h. 7-31 Kolkata h. 6-45 Mumbai h. 7-47

Midday Central Station h.12-12-29s Chennai: h.12-21-30s Delhi: h.12-33-37s Kolkata: h.11-48-59s Mumbai: h.12-51-09s

Sunday, 11 Phalguna, (ni) 18 Phalguna, 1 March, 5 Rajab**Kali Ahargana:** 1870444 **Julian Day:** 2458909.5**Sunrise:** h. 6-22 **Sunset:** h. 18-03 **Moonrise:** h. 10-21 **Moonset:** h. 23-41

Tithi: (Phalguna Sukla) Shashthi h. 11-16 **Nakshatra:** Bharani h. 6-42 **Yoga:** Indra h. 12-35 **Karana:** Taitila h. 11-16 then Gara h. 24-09 **Moon:** in Mesha, enters Vrisha h. 13-18 **Age of Moon:** 6.4 **Declination of Sun:** S 7° 29' **Sidereal Time (noon):** h. 22-50-26s **Equation of time:** -12m 17s

Lagna Mina Begins: Chennai h. 7-12 Delhi h. 7-27 Kolkata h. 6-41 Mumbai h. 7-43

Midday Central Station h.12-12-17s Chennai: h.12-21-18s Delhi: h.12-33-25s Kolkata: h.11-48-47s Mumbai: h.12-50-57s

Monday, 12 Phalguna, (ni) 19 Phalguna, 2 March, 6 Rajab**Kali Ahargana:** 1870445 **Julian Day:** 2458910.5**Sunrise:** h. 6-21 **Sunset:** h. 18-04 **Moonrise:** h. 11-01 **Moonset:** h. 24-35

Tithi: (Phalguna Sukla) Saptami h. 12-53 **Nakshatra:** Krittika h. 8-55 **Yoga:** Vaidhriti h. 12-44 **Karana:** vanij h. 12-53 then Vishti h. 25-27 **Moon:** in Vrisha **Age of Moon:** 7.4 **Declination of Sun:** S 7° 07' **Sidereal Time (noon):** h. 22-54-10s **Equation of time:** -12m 05s

Lagna Mina Begins: Chennai h. 7-08 Delhi h. 7-23 Kolkata h. 6-37 Mumbai h. 7-39

Midday Central Station h.12-12-05s Chennai: h.12-21-06s Delhi: h.12-33-13s Kolkata: h.11-48-35s Mumbai: h.12-50-45s

Tuesday, 13 Phalguna, (ni) 20 Phalguna, 3 March, 7 Rajab**Kali Ahargana:** 1870446 **Julian Day:** 2458911.5**Sunrise:** h. 6-20 **Sunset:** h. 18-04 **Moonrise:** h. 11-45 **Moonset:** h. 25-32

Tithi: (Phalguna Siukla) Ashtami h. 13-51 **Nakshatra:** Rohini h. 10-32 **Yoga:** Viskumbha h. 12-22 **Karana:** Bava h. 13-51 then Balava h. 26-02 **Moon:** in Vrisha, enters Mithuna h. 23-03 **Age of Moon:** 8.4 **Declination of Sun:** S 6° 44' **Sidereal Time (noon):** h. 22-57-54s **Equation of time:** -11m 53s

Lagna Mina Begins: Chennai h. 7-04 Delhi h. 7-19 Kolkata h. 6-33 Mumbai h. 7-35

Midday Central Station h.12-11-53s Chennai: h.12-20-54s Delhi: h.12-33-01s Kolkata: h.11-48-23s Mumbai: h.12-50-32s

Holastaka**Wednesday, 14 Phalguna, (ni) 21 Phalguna, 4 March, 8 Rajab****Kali Ahargana:** 1870447 **Julian Day:** 2458912.5**Sunrise:** h. 6-19 **Sunset:** h. 18-05 **Moonrise:** h. 12-35 **Moonset:** h. 26-29

Tithi: (Phalguna Sukla) Navami h. 14-00 **Nakshatra:** Mrigasiras h. 11-23 **Yoga:** Priti h. 11-25 **Karana:** Kaulava h. 14-00 then Taitila h. 25-46 **Moon:** in Mithuna **Age of Moon:** 9.4 **Declination of Sun:** S 6° 21' **Sidereal Time (noon):** h. 23-01-37s
Equation of time: -11m 40s

Lagna Mina Begins: Chennai h. 7-00 Delhi h. 7-15 Kolkata h. 6-29 Mumbai h. 7-31

Midday Central Station h.12-11-40s Chennai: h.12-20-40s Delhi: h.12-32-48s Kolkata: h.11-48-10s Mumbai: h.12-50-19s

Sun enters Purva Bhadrapada Nakshatra h. 11-43

Thursday, 15 Phalguna, (ni) 22 Phalguna, 5 March, 9 Rajab**Kali Ahargana:** 1870448 **Julian Day:** 2458913.5**Sunrise:** h. 6-18 **Sunset:** h. 18-05 **Moonrise:** h. 13-31 **Moonset:** h. 27-27

Tithi: (Phalguna Sukla) Dasami h. 13-19 **Nakshatra:** Ardra h. 11-26 **Yoga:** Ayusman h. 9-48 **Karana:** Gara h. 13-19 then vanij h. 24-40 **Moon:** in Mithuna, enters Karkata h. 28-55 **Age of Moon:** 10.4 **Declination of Sun:** S 5° 57' **Sidereal Time (noon):** h. 23-05-20s **Equation of time:** -11m 26s

Lagna Mina Begins: Chennai h. 6-56 Delhi h. 7-11 Kolkata h. 6-25 Mumbai h. 7-27

Midday Central Station h.12-11-26s Chennai: h.12-20-27s Delhi: h.12-32-34s Kolkata: h.11-47-56s Mumbai: h.12-50-06s

Friday, 16 Phalguna, (ni) 23 Phalguna, 6 March, 10 Rajab**Kali Ahargana:** 1870449 **Julian Day:** 2458914.5**Sunrise:** h. 6-17 **Sunset:** h. 18-05 **Moonrise:** h. 14-31 **Moonset:** h. 28-21

Tithi: (Phalguna Sukla) Ekadasi h. 11-47 **Nakshatra:** Punarvasu h. 10-38 **Yoga:** Saubhagya h. 7-30 then Sobhana h. 28-35 **Karana:** Vishti h. 11-47 then Bava h. 22-44 **Moon:** in Karkata **Age of Moon:** 11.4 **Declination of Sun:** S 5° 34' **Sidereal Time (noon):** h. 23-09-03s **Equation of time:** -11m 12s

Lagna Mina Begins: Chennai h. 6-52 Delhi h. 7-07 Kolkata h. 6-21 Mumbai h. 7-23

Midday Central Station h.12-11-12s Chennai: h.12-20-13s Delhi: h.12-32-20s Kolkata: h.11-47-42s Mumbai: h.12-49-52s

Govinda Dvadasi, Amalaki Ekadasi**Saturday, 17 Phalguna, (ni) 24 Phalguna, 7 March, 11 Rajab****Kali Ahargana:** 1870450 **Julian Day:** 2458915.5**Sunrise:** h. 6-16 **Sunset:** h. 18-06 **Moonrise:** h. 15-37 **Moonset:** h. 29-13

Tithi: (Phalguna Sukla) Dvadasi h. 9-29 **Nakshatra:** Pushya h. 9-05 **Yoga:** Atiganda h. 25-06 **Karana:** Balava h. 9-29 then Kaulava h. 20-05 **Moon:** in Karkata **Age of Moon:** 12.4 **Declination of Sun:** S 5° 11' **Sidereal Time (noon):** h. 23-12-45s **Equation of time:** -10m 58s

Lagna Mina Begins: Chennai h. 6-49 Delhi h. 7-04 Kolkata h. 6-18 Mumbai h. 7-20

Midday Central Station h.12-10-58s Chennai: h.12-19-59s Delhi: h.12-32-06s Kolkata: h.11-47-28s Mumbai: h.12-49-38s

Sunday, 18 Phalguna, (ni) 25 Phalguna, 8 March, 12 Rajab**Kali Ahargana:** 1870451 **Julian Day:** 2458916.5**Sunrise:** h. 6-15 **Sunset:** h. 18-06 **Moonrise:** h. 16-43 **Moonset:** h. 30-01

Tithi: (Phalguna Sukla) Trayodasi h. 6-32 then Chaturdasi h. 27-04 **Nakshatra:** Aslesha h. 6-52 then Magha h. 28-10 **Yoga:** Sukarma h. 21-11 **Karana:** Taitila h. 6-32, Gara h. 16-51 then vanij h. 27-04 **Moon:** in Karkata, enters Simha h. 6-52 **Age of Moon:** 13.4 **Declination of Sun:** S 4° 47' **Sidereal Time (noon):** h. 23-16-27s **Equation of time:** -10m 43s

Lagna Mina Begins: Chennai h. 6-45 Delhi h. 7-00 Kolkata h. 6-14 Mumbai h. 7-16

Midday Central Station h.12-10-43s Chennai: h.12-19-44s Delhi: h.12-31-51s Kolkata: h.11-47-13s Mumbai: h.12-49-23s

Masi Magham**Monday, 19 Phalguna, (ni) 26 Phalguna, 9 March, 13 Rajab****Kali Ahargana:** 1870452 **Julian Day:** 2458917.5**Sunrise:** h. 6-14 **Sunset:** h. 18-07 **Moonrise:** h. 17-50

Tithi: (Phalguna Sukla) Purnima h. 23-18 **Nakshatra:** Purva Phalguni h. 25-09 **Yoga:** Dhriti h. 16-57 **Karana:** Vishti h. 13-13 then Bava h. 23-18 **Moon:** in Simha **Age of Moon:** 14.4 **Declination of Sun:** S 4° 24' **Sidereal Time (noon):** h. 23-20-08s **Equation of time:** -10m 28s

Lagna Mina Begins: Chennai h. 6-41 Delhi h. 6-56 Kolkata h. 6-10 Mumbai h. 7-12

Midday Central Station h.12-10-28s Chennai: h.12-19-29s Delhi: h.12-31-36s Kolkata: h.11-46-58s Mumbai: h.12-49-08s

Holikadahana, Dolyatra, Birthday of Sri Chaitanya, Hazarat Ali's Birthday (Moslem)

Tuesday, 20 Phalguna, (ni) 27 Phalguna, 10 March, 14 Rajab**Kali Ahargana:** 1870453 **Julian Day:** 2458918.5**Sunrise:** h. 6-14 **Sunset:** h. 18-07 **Moonset:** h. 6-45 **Moonrise:** h. 18-55**Tithi:** (Phalguna Krishna) Pratipad h. 19-24 **Nakshatra:** Uttara Phalguni h. 22-02 **Yoga:** Sula h. 12-34 **Karana:** Balava h. 9-21, Kaulava h. 19-24 then Taitila h. 29-28 **Moon:** in Simha, enters Kanya h. 6-22 **Age of Moon:** 15.4 **Declination of Sun:** S 4° 01' **Sidereal Time (noon):** h. 23-23-49s **Equation of time:** -10m 13s**Lagna** Mina Begins: Chennai h. 6-37 Delhi h. 6-52 Kolkata h. 6-06 Mumbai h. 7-08Midday Central Station h.12-10-13s Chennai: h.12-19-13s Delhi: h.12-31-20s Kolkata: h.11-46-43s Mumbai: h.12-48-52s
Sayana Vyatipata h. 29-50**Holi, Holi, Vasantotsava, Purim (Jewish)****Wednesday, 21 Phalguna, (ni) 28 Phalguna, 11 March, 15 Rajab****Kali Ahargana:** 1870454 **Julian Day:** 2458919.5**Sunrise:** h. 6-13 **Sunset:** h. 18-08 **Moonset:** h. 7-29 **Moonrise:** h. 20-00**Tithi:** (Phalguna Krishna) Dvitiya h. 15-34 **Nakshatra:** Hasta h. 19-00 **Yoga:** Ganda h. 8-12 then Vridhhi h. 27-58 **Karana:** Gara h. 15-34 then vanij h. 25-44 **Moon:** in Kanya enters Tula h. 29-35 **Age of Moon:** 16.4 **Declination of Sun:** S 3° 37' **Sidereal Time (noon):** h. 23-27-30s **Equation of time:** -9m 57s**Lagna** Mina Begins: Chennai h. 6-33 Delhi h. 6-48 Kolkata h. 6-02 Mumbai h. 7-04

Midday Central Station h.12-09-57s Chennai: h.12-18-58s Delhi: h.12-31-05s Kolkata: h.11-46-27s Mumbai: h.12-48-36s

Thursday, 22 Phalguna, (ni) 29 Phalguna, 12 March, 16 Rajab**Kali Ahargana:** 1870455 **Julian Day:** 2458920.5**Sunrise:** h. 6-12 **Sunset:** h. 18-08 **Moonset:** h. 8-11 **Moonrise:** h. 21-05**Tithi:** (Phalguna Krishna) Tritiya h. 12-00 **Nakshatra:** Chitra h. 16-16 **Yoga:** Dhruva h. 24-04 **Karana:** Vishti h. 12-00 then Bava h. 22-22 **Moon:** in Tula **Age of Moon:** 17.4 **Declination of Sun:** S 3° 13' **Sidereal Time (noon):** h. 23-31-11s **Equation of time:** -9m 41s**Lagna** Mina Begins: Chennai h. 6-29 Delhi h. 6-44 Kolkata h. 5-58 Mumbai h. 7-00

Midday Central Station h.12-09-41s Chennai: h.12-18-41s Delhi: h.12-30-48s Kolkata: h.11-46-11s Mumbai: h.12-48-20s

Friday, 23 Phalguna, (ni) 30 Phalguna, 13 March, 17 Rajab**Kali Ahargana:** 1870456 **Julian Day:** 2458921.5**Sunrise:** h. 6-11 **Sunset:** h. 18-08 **Moonset:** h. 8-54 **Moonrise:** h. 22-08**Tithi:** (Phalguna Krishna) Chaturthi h. 8-51 **Nakshatra:** Svati h. 14-00 **Yoga:** Vyaghata h. 20-35 **Karana:** Balava h. 8-51 then Kaulava h. 19-30 **Moon:** in Tula **Age of Moon:** 18.4 **Declination of Sun:** S 2° 50' **Sidereal Time (noon):** h. 23-34-51s **Equation of time:** -9m 24s**Lagna** Mina Begins: Chennai h. 6-25 Delhi h. 6-40 Kolkata h. 5-54 Mumbai h. 6-56Midday Central Station h.12-09-24s Chennai: h.12-18-25s Delhi: h.12-30-32s Kolkata: h.11-45-54s Mumbai: h.12-48-04s
Saura Chaitradi h. 14-36**Ranga Panchami****Saturday, 24 Phalguna, (ni) 31 Phalguna, 14 March, 18 Rajab****Kali Ahargana:** 1870457 **Julian Day:** 2458922.5**Sunrise:** h. 6-10 **Sunset:** h. 18-09 **Moonset:** h. 9-39 **Moonrise:** h. 23-11**Tithi:** (Phalguna Krishna) Panchami h. 6-17 then Shashthi h. 28-26 **Nakshatra:** Visakha h. 12-20 **Yoga:** Harshana h. 17-37 **Karana:** Taitila h. 6-17, Gara h. 17-16 then vanij h. 28-26 **Moon:** in Tula, enters Vrischika h. 6-41 **Age of Moon:** 19.4 **Declination of Sun:** S 2° 26' **Sidereal Time (noon):** h. 23-38-31s **Equation of time:** -9m 08s**Lagna** Mina Begins: Chennai h. 6-21 Delhi h. 6-36 Kolkata h. 5-50 Mumbai h. 6-52Midday Central Station h.12-09-08s Chennai: h.12-18-09s Delhi: h.12-30-16s Kolkata: h.11-45-38s Mumbai: h.12-47-47s
Sun enters Nirayana Mina Rasi h. 11-54**Vijaya Govindaji Holangkar (Manipur)**

Sunday, 25 Phalguna, (ni) 1 Chaitra, 15 March, 19 Rajab**Kali Ahargana:** 1870458 **Julian Day:** 2458923.5**Sunrise:** h. 6-09 **Sunset:** h. 18-09 **Moonset:** h. 10-26 **Moonrise:** h. 24-12

Tithi: (Phalguna Krishna) Saptami h. 27-20 **Nakshatra:** Anuradha h. 11-23 **Yoga:** Vajra h. 15-16 **Karana:** Vishti h. 15-47 then Bava h. 27-20 **Moon:** in Vrischika **Age of Moon:** 20.4 **Declination of Sun:** S 2° 02' **Sidereal Time (noon):** h. 23-42-10s **Equation of time:** -8m 51s

Lagna Mina Begins: Chennai h. 6-17 / 30-13 Delhi h. 6-32 / 30-28 Kolkata h. 5-46 / 29-42 Mumbai h. 6-48 / 30-44

Midday Central Station h.12-08-51s Chennai: h.12-17-52s Delhi: h.12-29-59s Kolkata: h.11-45-21s Mumbai: h.12-47-30s

Monday, 26 Phalguna, (ni) 2 Chaitra, 16 March, 20 Rajab**Kali Ahargana:** 1870459 **Julian Day:** 2458924.5**Sunrise:** h. 6-08 **Sunset:** h. 18-10 **Moonset:** h. 11-17 **Moonrise:** h. 25-11

Tithi: (Phalguna Krishna) Ashtami h. 27-00 **Nakshatra:** Jyestha h. 11-12 **Yoga:** Siddhi (Asrik) h. 13-31 **Karana:** Balava h. 15-04 then Kaulava h. 27-00 **Moon:** in Vrischika, enters Dhanus h. 11-12 **Age of Moon:** 21.4 **Declination of Sun:** S 1° 39' **Sidereal Time (noon):** h. 23-45-50s **Equation of time:** -8m 34s

Lagna Mina Begins: Chennai h. 30-09 Delhi h. 30-24 Kolkata h. 29-38 Mumbai h. 30-40

Midday Central Station h.12-08-34s Chennai: h.12-17-35s Delhi: h.12-29-42s Kolkata: h.11-45-04s Mumbai: h.12-47-13s

Varshitaparambha (Jain), Sitalashtami**Tuesday, 27 Phalguna, (ni) 3 Chaitra, 17 March, 21 Rajab****Kali Ahargana:** 1870460 **Julian Day:** 2458925.5**Sunrise:** h. 6-07 **Sunset:** h. 18-10 **Moonset:** h. 12-09 **Moonrise:** h. 26-06

Tithi: (Phalguna Krishna) Navami h. 27-24 **Nakshatra:** Mula h. 11-46 **Yoga:** Vyatipata h. 12-23 **Karana:** Taitila h. 15-07 then Gara h. 27-24 **Moon:** in Dhanus **Age of Moon:** 22.4 **Declination of Sun:** S 1° 15' **Sidereal Time (noon):** h. 23-49-29s **Equation of time:** -8m 17s

Lagna Mina Begins: Chennai h. 30-05 Delhi h. 30-20 Kolkata h. 29-34 Mumbai h. 30-36

Midday Central Station h.12-08-17s Chennai: h.12-17-17s Delhi: h.12-29-24s Kolkata: h.11-44-47s Mumbai: h.12-46-56s

Sun enters Uttara Bhadrpadra Nakshatra h. 20-14

Wednesday, 28 Phalguna, (ni) 4 Chaitra, 18 March, 22 Rajab**Kali Ahargana:** 1870461 **Julian Day:** 2458926.5**Sunrise:** h. 6-06 **Sunset:** h. 18-10 **Moonset:** h. 13-03 **Moonrise:** h. 26-56

Tithi: (Phalguna Krishna) Dasami h. 28-27 **Nakshatra:** Purvasadha h. 13-01 **Yoga:** Variyan h. 11-47 **Karana:** vanij h. 15-51 then Vishti h. 28-27 **Moon:** in Dhanus, enters Makara h. 19-25 **Age of Moon:** 23.4 **Declination of Sun:** S 0° 51' **Sidereal Time (noon):** h. 23-53-08s **Equation of time:** -7m 59s

Lagna Mina Begins: Chennai h. 30-01 Delhi h. 30-16 Kolkata h. 29-30 Mumbai h. 30-32

Midday Central Station h.12-07-59s Chennai: h.12-17-00s Delhi: h.12-29-07s Kolkata: h.11-44-29s Mumbai: h.12-46-39s

Thursday, 29 Phalguna, (ni) 5 Chaitra, 19 March, 23 Rajab**Kali Ahargana:** 1870462 **Julian Day:** 2458927.5**Sunrise:** h. 6-05 **Sunset:** h. 18-11 **Moonset:** h. 13-57 **Moonrise:** h. 27-42

Tithi: (Phalguna Krishna) Ekadasi h. 30-00 **Nakshatra:** Uttarasadha h. 14-50 **Yoga:** Parigha h. 11-38 **Karana:** Bava h. 17-10 then Balava h. 30-00 **Moon:** in Makara **Age of Moon:** 24.4 **Declination of Sun:** S 0° 28' **Sidereal Time (noon):** h. 23-56-47s **Equation of time:** -7m 42s

Lagna Mina Begins: Chennai h. 29-57 Delhi h. 30-12 Kolkata h. 29-26 Mumbai h. 30-28

Midday Central Station h.12-07-42s Chennai: h.12-16-43s Delhi: h.12-28-50s Kolkata: h.11-44-12s Mumbai: h.12-46-21s

Papamochani Ekadasi (Smarta)

Friday, 30 Phalguna, (ni) 6 Chaitra, 20 March, 24 Rajab

Kali Ahargana: 1870463 **Julian Day:** 2458928.5

Sunrise: h. 6-04 **Sunset:** h. 18-11 **Moonset:** h. 14-51 **Moonrise:** h. 28-22

Tithi: (Phalguna Krishna) Dvadasi ahoratra **Nakshatra:** Sravana h. 17-05 **Yoga:** Siva h. 11-52 **Krana:** Kaulava h. 18-56 **Moon:** in Makara **Age of Moon:** 25.4 **Declination of Sun:** S 0° 04' **Sidereal Time (noon):** h. 00-00-27s **Equation of time:** -7m 24s

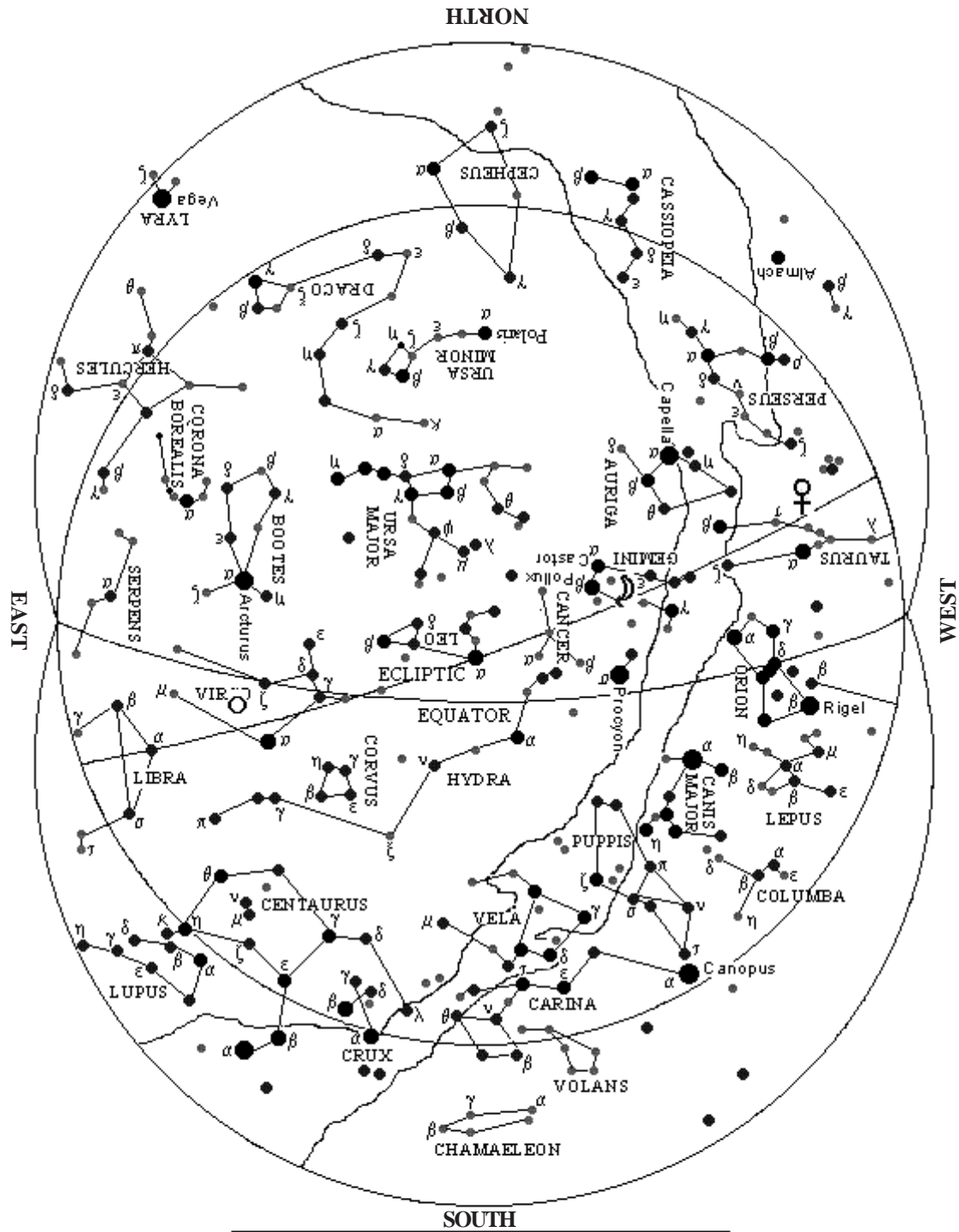
Lagna Mina Begins: Chennai h. 29-53 Delhi h. 30-08 Kolkata h. 29-22 Mumbai h. 30-24

Midday Central Station h.12-07-24s Chennai: h.12-16-25s Delhi: h.12-28-32s Kolkata: h.11-43-54s Mumbai: h.12-46-04s

Sun enters Tropical Aries h. 9-20

Vanjuli Mahadvadasi, Indian Year Ending Day, Ekadasi (Vaisnava & Vidhava), **Mahavisuva Day**

STAR CHART FOR THE MONTH OF APRIL, 2020 (12 CHAITRA - 10 VAISAKHA) 0° TO 40°N



Star	●	●	●	●	●	●	●
Magnitude	-1	0	1	2	3	4	5

○ FULL MOON 8TH ♀ VENUS
 D FIRST QUARTER 1ST

RASHTRIYA PANCHANG

1942 Saka Era, 5120-21 Kali Era, 2020 - 2021 A.D.

Month of CHAITRA : 31 days :: Vedic Month : Madhava (Mesha)

Nirayana months: 7 Chaitra, 5120 Kali to 7 Vaisakha, 5121 Kali :: 24 and 7 days

Vasanta Ritu : 2nd Month :: Uttarayana : Uttara Gola

Sun in Mina, enters Mesha on 24th :: Ayanamsa on 1st Chaitra : 24° 08' 06"

Kali Ahargana : 1870464 - 1870494, Julian Day : 2458929.5 - 2458959.5

(Nirayana) Vaisakha begins on 25 Chaitra, 14 April, 2020

Saturday, 1 Chaitra, (ni) 7 Chaitra, 21 March, 25 Rajab

Kali Ahargana: 1870464 **Julian Day:** 2458929.5

Sunrise: h. 6-03 **Sunset:** h. 18-11 **Moonset:** h. 15-44 **Moonrise:** h. 29-00

Tithi: (Phalguna Krishna) Dvadasi h. 7-56 **Nakshatra:** Dhanistha h. 19-40 **Yoga:** Siddha h. 12-22 **Karana:** Taitila h. 7-56 then Gara h. 21-01 **Moon:** in Makara, enters Kumbha h. 6-20 **Age of Moon:** 26.4 **Declination of Sun:** N 0° 20' **Sidereal Time(noon):** h. 00-04-05s **Equation of time:**-7m 06s

Lagna Mina Begins: Chennai h. 29-50 Delhi h. 30-05 Kolkata h. 29-19 Mumbai h. 30-21

Midday Central Station h.12-07-06s Chennai: h.12-16-07s Delhi: h.12-28-14s Kolkata: h.11-43-36s Mumbai: h.12-45-46s

Indian New Year's Day, Maha Varuni (after h. 19 - 40), **Jamshedi Naoraj** (Parsi)

Sunday, 2 Chaitra, (ni) 8 Chaitra, 22 March, 26 Rajab

Kali Ahargana: 1870465 **Julian Day:** 2458930.5

Sunrise: h. 6-02 **Sunset:** h. 18-12 **Moonset:** h. 16-35 **Moonrise:** h. 29-35

Tithi: (Phalguna Krishna) Trayodasi h. 10-08 **Nakshatra:** Satabhisaj h. 22-27 **Yoga:** Sadhya h. 13-02 **Karana:** vanij h. 10-08 then Vishti h. 23-19 **Moon:** in Kumbha **Age of Moon:** 27.4 **Declination of Sun:** N 0° 44' **Sidereal Time (noon):** h. 00-07-44s **Equation of time:** -6m 49s

Lagna Mina Begins: Chennai h. 29-46 Delhi h. 30-01 Kolkata h. 29-15 Mumbai h. 30-17

Midday Central Station h.12-06-49s Chennai: h.12-15-49s Delhi: h.12-27-56s Kolkata: h.11-43-19s Mumbai: h.12-45-28s

Madhukrishna Trayodasi, Varuni (upto h. 10-08)

Monday, 3 Chaitra, (ni) 9 Chaitra, 23 March, 27 Rajab

Kali Ahargana: 1870466 **Julian Day:** 2458931.5

Sunrise: h. 6-01 **Sunset:** h. 18-12 **Moonset:** h. 17-26

Tithi: (Phalguna Krishna) Chaturdasi h. 12-31 **Nakshatra:** Purva Bhadrapada h. 25-21 **Yoga:** Subha h. 13-51 **Karana:** Sakuni h. 12-31 then Chatuspada h. 25-44 **Moon:** in Kumbha, enters Mina h. 18-37 **Age of Moon:** 28.4 **Declination of Sun:** N 1° 07' **Sidereal Time (noon):** h. 00-11-23s **Equation of time:** -6m 31s

Lagna Mina Begins: Chennai h. 29-42 Delhi h. 29-57 Kolkata h. 29-11 Mumbai h. 30-13

Midday Central Station h.12-06-31s Chennai: h.12-15-31s Delhi: h.12-27-38s Kolkata: h.11-43-01s Mumbai: h.12-45-10s

Sayana Vaidhriti h. 23-17

Sab-e-Miraj (Preceding night-Moslem)

Tuesday, 4 Chaitra, (ni) 10 Chaitra, 24 March, 28 Rajab

Kali Ahargana: 1870467 **Julian Day:** 2458932.5

Sunrise: h. 6-00 **Sunset:** h. 18-13 **Moonrise:** h. 6-08 **Moonset:** h. 18-15

Tithi: (Phalguna Krishna) Amavasya h. 14-58 **Nakshatra:** Uttara Bhadrapada h. 28-19 **Yoga:** Sukla (Sukra) h. 14-43 **Karana:** Naga h. 14-58 then Kinstughna h. 28-13 **Moon:** in Mina **Age of Moon:** 29.4 ● **Declination of Sun:** N 1° 31' **Sidereal Time (noon):** h. 00-15-01s **Equation of time:** -6m 13s

Lagna Mina Begins: Chennai h. 29-38 Delhi h. 29-53 Kolkata h. 29-07 Mumbai h. 30-09

Midday Central Station h.12-06-13s Chennai: h.12-15-13s Delhi: h.12-27-20s Kolkata: h.11-42-43s Mumbai: h.12-44-52s

Wednesday, 5 Chaitra, (ni) 11 Chaitra, 25 March, 29 Rajab**Kali Ahargana:** 1870468 **Julian Day:** 2458933.5**Sunrise:** h. 5-59 **Sunset:** h. 18-13 **Moonrise:** h. 6-40 **Moonset:** h. 19-04**Tithi:** (Chaitra Sukla) Pratipad h. 17-27 **Nakshatra:** Revati ahoratra **Yoga:** Brahma h. 15-36 **Karana:** Bava h. 17-27 **Moon:** in Mina **Age of Moon:** 0.6 **Declination of Sun:** N 1° 55' **Sidereal Time (noon):** h. 00-18-40s **Equation of time:** -5m 55s**Lagna** Mina Begins: Chennai h. 29-34 Delhi h. 29-49 Kolkata h. 29-03 Mumbai h. 30-05

Midday Central Station h.12-05-55s Chennai: h.12-14-55s Delhi: h.12-27-02s Kolkata: h.11-42-25s Mumbai: h.12-44-34s

Vasant Navaratrarambha, Chaitra Sukladi (Gudi Padava, Ugadi),**Telugu New Year's Day, Cheti Chand** (Sindhi New year's Day)**Thursday, 6 Chaitra, (ni) 12 Chaitra, 26 March, 1 Shaban****Kali Ahargana:** 1870469 **Julian Day:** 2458934.5**Sunrise:** h. 5-58 **Sunset:** h. 18-13 **Moonrise:** h. 7-12 **Moonset:** h. 19-54**Tithi:** (Chaitra Sukla) Dvitiya h. 19-54 **Nakshatra:** Revati h. 7-16 **Yoga:** Indra h. 16-28 **Karana:** Balava h. 6-41 then Kaulava h. 19-54 **Moon:** in Mina, enters Mesha h. 7-16 **Age of Moon:** 1.6 **Declination of Sun:** N 2° 18' **Sidereal Time (noon):** h. 00-22-18s **Equation of time:** -5m 37s**Lagna** Mina Begins: Chennai h. 29-30 Delhi h. 29-45 Kolkata h. 28-59 Mumbai h. 30-01

Midday Central Station h.12-05-37s Chennai: h.12-14-37s Delhi: h.12-26-44s Kolkata: h.11-42-07s Mumbai: h.12-44-16s

Friday, 7 Chaitra, (ni) 13 Chaitra, 27 March, 2 Shaban**Kali Ahargana:** 1870470 **Julian Day:** 2458935.5**Sunrise:** h. 5-57 **Sunset:** h. 18-14 **Moonrise:** h. 7-46 **Moonset:** h. 20-44**Tithi:** (Chaitra Sukla) Tritiya h. 22-13 **Nakshatra:** Asvini h. 10-09 **Yoga:** Vaidhriti h. 17-15 **Karana:** Taitila h. 9-05 then Gara h. 22-13 **Moon:** in Mesha **Age of Moon:** 2.6 **Declination of Sun:** N 2° 42' **Sidereal Time (noon):** h. 00-25-56s **Equation of time:** -5m 18s**Lagna** Mina Begins: Chennai h. 29-26 Delhi h. 29-41 Kolkata h. 28-55 Mumbai h. 29-57

Midday Central Station h.12-05-18s Chennai: h.12-14-19s Delhi: h.12-26-26s Kolkata: h.11-41-48s Mumbai: h.12-43-58s

Gauri Tritiya (Gangaur), **Andolana Tritiya, Sarhul** (Bihar)**Saturday, 8 Chaitra, (ni) 14 Chaitra, 28 March, 3 Shaban****Kali Ahargana:** 1870471 **Julian Day:** 2458936.5**Sunrise:** h. 5-56 **Sunset:** h. 18-14 **Moonrise:** h. 8-20 **Moonset:** h. 21-36**Tithi:** (Chaitra Sukla) Chaturthi h. 24-18 **Nakshatra:** Bharani h. 12-52 **Yoga:** Viskumbha h. 17-53 **Karana:** Vanij h. 11-18 then Vishti h. 24-18 **Moon:** in Mesha, enters Vrisha h. 19-30 **Age of Moon:** 3.6 **Declination of Sun:** N 3° 05' **Sidereal Time (noon):** h. 00-29-35s **Equation of time:** -5m 00s**Lagna** Mina Begins: Chennai h. 29-22 Delhi h. 29-37 Kolkata h. 28-51 Mumbai h. 29-53

Midday Central Station h.12-05-00s Chennai: h.12-14-01s Delhi: h.12-26-08s Kolkata: h.11-41-30s Mumbai: h.12-43-40s

Sunday, 9 Chaitra, (ni) 15 Chaitra, 29 March, 4 Shaban**Kali Ahargana:** 1870472 **Julian Day:** 2458937.5**Sunrise:** h. 5-55 **Sunset:** h. 18-14 **Moonrise:** h. 8-59 **Moonset:** h. 22-29**Tithi:** (Chaitra Sukla) Panchami h. 26-02 **Nakshatra:** Kritika h. 15-18 **Yoga:** Priti h. 18-16 **Karana:** Bava h. 13-13 then Balava h. 26-02 **Moon:** in Vrisha **Age of Moon:** 4.6 **Declination of Sun:** N 3° 28' **Sidereal Time (noon):** h. 00-33-13s **Equation of time:** -4m 42s**Lagna** Mina Begins: Chennai h. 29-18 Delhi h. 29-33 Kolkata h. 28-47 Mumbai h. 29-49

Midday Central Station h.12-04-42s Chennai: h.12-13-43s Delhi: h.12-25-50s Kolkata: h.11-41-12s Mumbai: h.12-43-22s

Jupiter enters Nirayana Makara Rasi h. 27-54

Sri (Lakshmi) Panchami

Monday, 10 Chaitra, (ni) 16 Chaitra, 30 March, 5 Shaban**Kali Ahargana:** 1870473 **Julian Day:** 2458938.5**Sunrise:** h. 5-54 **Sunset:** h. 18-15 **Moonrise:** h. 9-41 **Moonset:** h. 23-25**Tithi:** (Chaitra Sukla) Shashthi h. 27-15 **Nakshatra:** Rohini h. 17-18 **Yoga:** Ayusman h. 18-18 **Karana:** Kaulava h. 14-43 then Taitila h. 27-15 **Moon:** in Vrisha **Age of Moon:** 5.6 **Declination of Sun:** N 3° 52' **Sidereal Time (noon):** h. 00-36-52s **Equation of time:** -4m 24s**Lagna Mesha Begins:** Chennai h. 6-58 Delhi h. 6-59 Kolkata h. 6-19 Mumbai h. 7-24

Midday Central Station h.12-04-24s Chennai: h.12-13-25s Delhi: h.12-25-32s Kolkata: h.11-40-54s Mumbai: h.12-43-04s

Skanda Shashthi**Tuesday, 11 Chaitra, (ni) 17 Chaitra, 31 March, 6 Shaban****Kali Ahargana:** 1870474 **Julian Day:** 2458939.5**Sunrise:** h. 5-53 **Sunset:** h. 18-15 **Moonrise:** h. 10-27 **Moonset:** h. 24-20**Tithi:** (Chaitra Sukla) Saptami h. 27-50 **Nakshatra:** Mrigasiras h. 18-44 **Yoga:** Saubhagya h. 17-53 **Karana:** Gara h. 15-38 then vanij h. 27-50 **Moon:** in Vrisha, enters Mithuna h. 6-06 **Age of Moon:** 6.6 **Declination of Sun:** N 4° 15' **Sidereal Time (noon):** h. 00-40-31s **Equation of time:** -4m 07s**Lagna Mesha Begins:** Chennai h. 6-54 Delhi h. 6-55 Kolkata h. 6-15 Mumbai h. 7-20

Midday Central Station h.12-04-07s Chennai: h.12-13-07s Delhi: h.12-25-14s Kolkata: h.11-40-37s Mumbai: h.12-42-46s

Sun enters Revati Nakshatra h. 6-58

Vasanti Pujarambha, Oli begins (Jain)**Wednesday, 12 Chaitra, (ni) 18 Chaitra, 1 April, 7 Shaban****Kali Ahargana:** 1870475 **Julian Day:** 2458940.5**Sunrise:** h. 5-52 **Sunset:** h. 18-16 **Moonrise:** h. 11-19 **Moonset:** h. 25-16**Tithi:** (Chaitra Siukla) Ashtami h. 27-41 **Nakshatra:** Ardra h. 19-29 **Yoga:** Sobhana h. 16-56 **Karana:** Vishti h. 15-51 then Bava h. 27-41 **Moon:** in Mithuna **Age of Moon:** 7.6 **Declination of Sun:** N 4° 38' **Sidereal Time (noon):** h. 00-44-09s **Equation of time:** -3m 49s**Lagna Mesha Begins:** Chennai h. 6-50 Delhi h. 6-51 Kolkata h. 6-11 Mumbai h. 7-16

Midday Central Station h.12-03-49s Chennai: h.12-12-49s Delhi: h.12-24-56s Kolkata: h.11-40-19s Mumbai: h.12-42-28s

Annapurna Puja, Ashokashtami, Mela Bahu Fort (Jammu)**Thursday, 13 Chaitra, (ni) 19 Chaitra, 2 April, 8 Shaban****Kali Ahargana:** 1870476 **Julian Day:** 2458941.5**Sunrise:** h. 5-51 **Sunset:** h. 18-16 **Moonrise:** h. 12-16 **Moonset:** h. 26-09**Tithi:** (Chaitra Sukla) Navami h. 26-43 **Nakshatra:** Punarvasu h. 19-28 **Yoga:** Atiganda h. 15-21 **Karana:** Balava h. 15-18 then Kaulava h. 26-43 **Moon:** in Mithuna, enters Karkata h. 13-33 **Age of Moon:** 8.6 **Declination of Sun:** N 5° 01' **Sidereal Time (noon):** h. 00-47-48s **Equation of time:** -3m 31s**Lagna Mesha Begins:** Chennai h. 6-46 Delhi h. 6-47 Kolkata h. 6-07 Mumbai h. 7-12

Midday Central Station h.12-03-31s Chennai: h.12-12-32s Delhi: h.12-24-39s Kolkata: h.11-40-01s Mumbai: h.12-42-11s

Rama Navami**Friday, 14 Chaitra, (ni) 20 Chaitra, 3 April, 9 Shaban****Kali Ahargana:** 1870477 **Julian Day:** 2458942.5**Sunrise:** h. 5-50 **Sunset:** h. 18-16 **Moonrise:** h. 13-18 **Moonset:** h. 27-00**Tithi:** (Chaitra Sukla) Dasami h. 24-59 **Nakshatra:** Pushya h. 18-41 **Yoga:** Sukarma h. 13-09 **Karana:** Taitila h. 13-57 then Gara h. 24-59 **Moon:** in Karkata **Age of Moon:** 9.6 **Declination of Sun:** N 5° 24' **Sidereal Time (noon):** h. 00-51-27s **Equation of time:** -3m 13s**Lagna Mesha Begins:** Chennai h. 6-42 Delhi h. 6-43 Kolkata h. 6-03 Mumbai h. 7-08

Midday Central Station h.12-03-13s Chennai: h.12-12-14s Delhi: h.12-24-21s Kolkata: h.11-39-43s Mumbai: h.12-41-53s

Saturday, 15 Chaitra, (ni) 21 Chaitra, 4 April, 10 Shaban**Kali Ahargana:** 1870478 **Julian Day:** 2458943.5**Sunrise:** h. 5-49 **Sunset:** h. 18-17 **Moonrise:** h. 14-21 **Moonset:** h. 27-49

Tithi: (Chaitra Sukla) Ekadasi h. 22-30 **Nakshatra:** Aslesha h. 17-08 **Yoga:** Dhriti h. 10-20 **Karana:** vanij h. 11-50 then Vishti h. 22-30 **Moon:** in Karkata, enters Simha h. 17-08 **Age of Moon:** 10.6 **Declination of Sun:** N 5° 47' **Sidereal Time (noon):** h. 00-55-06s **Equation of time:** -2m 56s

Lagna Mesha Begins: Chennai h. 6-38 Delhi h. 6-39 Kolkata h. 5-59 Mumbai h. 7-04

Midday Central Station h.12-02-56s Chennai: h.12-11-57s Delhi: h.12-24-04s Kolkata: h.11-39-26s Mumbai: h.12-41-35s

Kamada Ekadasi**Sunday, 16 Chaitra, (ni) 22 Chaitra, 5 April, 11 Shaban****Kali Ahargana:** 1870479 **Julian Day:** 2458944.5**Sunrise:** h. 5-48 **Sunset:** h. 18-17 **Moonrise:** h. 15-27 **Moonset:** h. 28-34

Tithi: (Chaitra Sukla) Dvadasi h. 19-25 **Nakshatra:** Magha h. 14-57 **Yoga:** Sula h. 6-57 then Ganda h. 27-07 **Karana:** Bava h. 9-02 then Balava h. 19-25 then Kaulava h. 29-42 **Moon:** in Simha **Age of Moon:** 11.6 **Declination of Sun:** N 6° 10' **Sidereal Time (noon):** h. 00-58-45s **Equation of time:** -2m 39s

Lagna Mesha Begins: Chennai h. 6-34 Delhi h. 6-35 Kolkata h. 5-55 Mumbai h. 7-00

Midday Central Station h.12-02-39s Chennai: h.12-11-39s Delhi: h.12-23-46s Kolkata: h.11-39-09s Mumbai: h.12-41-18s

Sayana Vyatipata h. 24-40

Birthday anniversary of Swami Leela Shah (Sindhi), Palm Sunday (Christian)**Monday, 17 Chaitra, (ni) 23 Chaitra, 6 April, 12 Shaban****Kali Ahargana:** 1870480 **Julian Day:** 2458945.5**Sunrise:** h. 5-48 **Sunset:** h. 18-17 **Moonrise:** h. 16-32 **Moonset:** h. 29-18

Tithi: (Chaitra Sukla) Trayodasi h. 15-52 **Nakshatra:** Purva Phalguni h. 12-16 **Yoga:** Vriddhi h. 22-57 **Karana:** Taitila h. 15-52 then Gara h. 25-59 **Moon:** in Simha, enters Kanya h. 17-32 **Age of Moon:** 12.6 **Declination of Sun:** N 6° 33' **Sidereal Time (noon):** h. 01-02-25s **Equation of time:** -2m 22s

Lagna Mesha Begins: Chennai h. 6-30 Delhi h. 6-31 Kolkata h. 5-51 Mumbai h. 6-56

Midday Central Station h.12-02-22s Chennai: h.12-11-22s Delhi: h.12-23-29s Kolkata: h.11-38-52s Mumbai: h.12-41-01s

Ananga Trayodasi, Mahavira Jayanti (Jain), Damanaka Chaturdasi**Tuesday, 18 Chaitra, (ni) 24 Chaitra, 7 April, 13 Shaban****Kali Ahargana:** 1870481 **Julian Day:** 2458946.5**Sunrise:** h. 5-47 **Sunset:** h. 18-18 **Moonrise:** h. 17-37

Tithi: (Chaitra Sukla) Chaturdasi h. 12-02 **Nakshatra:** Uttara Phalguni h. 9-15 **Yoga:** Dhruva h. 18-35 **Karana:** vanij h. 12-02 then Vishti h. 22-04 **Moon:** in Kanya **Age of Moon:** 13.6 **Declination of Sun:** N 6° 55' **Sidereal Time (noon):** h. 01-06-04s **Equation of time:** -2m 05s

Lagna Mesha Begins: Chennai h. 6-26 Delhi h. 6-27 Kolkata h. 5-47 Mumbai h. 6-52

Midday Central Station h.12-02-05s Chennai: h.12-11-05s Delhi: h.12-23-12s Kolkata: h.11-38-35s Mumbai: h.12-40-44s

Panguni Uttiram**Wednesday, 19 Chaitra, (ni) 25 Chaitra, 8 April, 14 Shaban****Kali Ahargana:** 1870482 **Julian Day:** 2458947.5**Sunrise:** h. 5-46 **Sunset:** h. 18-18 **Moonset:** h. 6-00 **Moonrise:** h. 18-42

Tithi: (Chaitra Sukla) Purnima h. 8-05 then Krishna Pratipad h. 28-14 **Nakshatra:** Hasta h. 6-07 then Chitra h. 27-03 **Yoga:** Vyaghata h. 14-12 **Karana:** Bava h. 8-05, Balava h. 18-08 then Kaulava h. 28-14 **Moon:** in Kanya, enters Tula h. 16-34 **Age of Moon:** 14.6 **Declination of Sun:** N 7° 18' **Sidereal Time (noon):** h. 01-09-44s **Equation of time:** -1m 48s

Lagna Mesha Begins: Chennai h. 6-22 Delhi h. 6-23 Kolkata h. 5-43 Mumbai h. 6-48

Midday Central Station h.12-01-48s Chennai: h.12-10-49s Delhi: h.12-22-56s Kolkata: h.11-38-18s Mumbai: h.12-40-27s

Trivandrum Arat (Kerala), Chaitri Purnima, Hanumat Jayanti (S. India), Oli ends (Jain)

Thursday, 20 Chaitra, (ni) 26 Chaitra, 9 April, 15 Shaban**Kali Ahargana:** 1870483 **Julian Day:** 2458948.5**Sunrise:** h. 5-45 **Sunset:** h. 18-19 **Moonset:** h. 6-43 **Moonrise:** h. 19-48**Tithi:** (Chaitra Krishna) Dvitiya h. 24-39 **Nakshatra:** Svati h. 24-15 **Yoga:** Harshana h. 9-56 **Karana:** Taitila h. 14-24 then Gara h. 24-39 **Moon:** in Tula **Age of Moon:** 15.6 **Declination of Sun:** N 7° 40' **Sidereal Time (noon):** h. 01-13-24s **Equation of time:** -1m 31s**Lagna Mesha** Begins: Chennai h. 6-18 Delhi h. 6-19 Kolkata h. 5-39 Mumbai h. 6-44

Midday Central Station h.12-01-31s Chennai: h.12-10-32s Delhi: h.12-22-39s Kolkata: h.11-38-01s Mumbai: h.12-40-11s

Sab-e-Barat (Preceding night) (Moslem), **First day of Passover** (Pesach) - Jewish**Friday, 21 Chaitra, (ni) 27 Chaitra, 10 April, 16 Shaban****Kali Ahargana:** 1870484 **Julian Day:** 2458949.5**Sunrise:** h. 5-44 **Sunset:** h. 18-19 **Moonset:** h. 7-28 **Moonrise:** h. 20-53**Tithi:** (Chaitra Krishna) Tritiya h. 21-32 **Nakshatra:** Visakha h. 21-55 **Yoga:** Vajra h. 5-56 then Siddhi (Asrik) h. 26-22 **Karana:** vanij h. 11-02 then Vishti h. 21-32 **Moon:** in Tula, enters Vrischika h. 16-27 **Age of Moon:** 16.6 **Declination of Sun:** N 8° 02' **Sidereal Time (noon):** h. 01-17-04s **Equation of time:** -1m 15s**Lagna Mesha** Begins: Chennai h. 6-14 Delhi h. 6-15 Kolkata h. 5-35 Mumbai h. 6-40

Midday Central Station h.12-01-15s Chennai: h.12-10-16s Delhi: h.12-22-23s Kolkata: h.11-37-45s Mumbai: h.12-39-55s

Good Friday (Christian)**Saturday, 22 Chaitra, (ni) 28 Chaitra, 11 April, 17 Shaban****Kali Ahargana:** 1870485 **Julian Day:** 2458950.5**Sunrise:** h. 5-43 **Sunset:** h. 18-19 **Moonset:** h. 8-16 **Moonrise:** h. 21-58**Tithi:** (Chaitra Krishna) Chaturthi h. 19-02 **Nakshatra:** Anuradha h. 20-12 **Yoga:** Vyatipata h. 23-19 **Karana:** Bava h. 8-12 then Balava h. 19-02 **Moon:** in Vrischika **Age of Moon:** 17.6 **Declination of Sun:** N 8° 24' **Sidereal Time (noon):** h. 01-20-45s **Equation of time:** -0m 59s**Lagna Mesha** Begins: Chennai h. 6-10 Delhi h. 6-11 Kolkata h. 5-31 Mumbai h. 6-36

Midday Central Station h.12-00-59s Chennai: h.12-10-00s Delhi: h.12-22-07s Kolkata: h.11-37-29s Mumbai: h.12-39-39s

Easter (Holy) Saturday (Christian)**Sunday, 23 Chaitra, (ni) 29 Chaitra, 12 April, 18 Shaban****Kali Ahargana:** 1870486 **Julian Day:** 2458951.5**Sunrise:** h. 5-42 **Sunset:** h. 18-20 **Moonset:** h. 9-06 **Moonrise:** h. 23-01**Tithi:** (Chaitra Krishna) Panchami h. 17-16 **Nakshatra:** Jyestha h. 19-13 **Yoga:** Variyan h. 20-54 **Karana:** Kaulava h. 6-03, Taitila h. 17-16 then Gara h. 28-41 **Moon:** in Vrischika, enters Dhanus h. 19-13 **Age of Moon:** 18.6 **Declination of Sun:** N 8° 46' **Sidereal Time (noon):** h. 01-24-26s **Equation of time:** -0m 44s**Lagna Mesha** Begins: Chennai h. 6-07 Delhi h. 6-08 Kolkata h. 5-28 Mumbai h. 6-33

Midday Central Station h.12-00-44s Chennai: h.12-09-45s Delhi: h.12-21-52s Kolkata: h.11-37-14s Mumbai: h.12-39-23s

Saura Vaisakhadi h. 22-42

Easter Sunday - Christian**Monday, 24 Chaitra, (ni) 30 Chaitra, 13 April, 19 Shaban****Kali Ahargana:** 1870487 **Julian Day:** 2458952.5**Sunrise:** h. 5-41 **Sunset:** h. 18-20 **Moonset:** h. 10-00 **Moonrise:** h. 23-59**Tithi:** (Chaitra Krishna) Shashthi h. 16-19 **Nakshatra:** Mula h. 19-02 **Yoga:** Parigha h. 19-08 **Karana:** vanij h. 16-19 then Vishti h. 28-09 **Moon:** in Dhanus **Age of Moon:** 19.6 **Declination of Sun:** N 9° 08' **Sidereal Time (noon):** h. 01-28-07s **Equation of time:** -0m 29s**Lagna Mesha** Begins: Chennai h. 6-03 Delhi h. 6-04 Kolkata h. 5-24 Mumbai h. 6-29

Midday Central Station h.12-00-29s Chennai: h.12-09-29s Delhi: h.12-21-36s Kolkata: h.11-36-58s Mumbai: h.12-39-08s

Sun enters Nirayana Mesha Rasi and Asvini Nakshatra h. 20-23

Chaitra Samkranti, Chadaka Puja (Bengal), **Cheiraoba** (Manipur), **Rangoli Bihu** (Assam), **Vaisakhi** (Punjab, Hariyana, H.P., Delhi and Orissa), **Mesha Samkranti** (Odisha), **Visu** (Kerala)

NEW YEAR OF ALL INDIA NIRAYANA CALENDAR**Tuesday, 25 Chaitra, (ni) 1 Vaisakha, 14 April, 20 Shaban****Kali Ahargana:** 1870488 **Julian Day:** 2458953.5**Sunrise:** h. 5-40 **Sunset:** h. 18-21 **Moonset:** h. 10-55 **Moonrise:** h. 24-52

Tithi: (Chaitra Krishna) Saptami h. 16-12 **Nakshatra:** Purvasadha h. 19-41 **Yoga:** Siva h. 18-01 **Karana:** Bava h. 16-12 then Balava h. 28-26 **Moon:** in Dhanus, enters Makara h. 25-58 **Age of Moon:** 20.6 **Declination of Sun:** N 9° 30' **Sidereal Time (noon):** h. 01-31-49s **Equation of time:** -0m 14s

Lagna Mesha Begins: Chennai h. 5-59 / 29-55 Delhi h. 6-00 / 29-56 Kolkata h. 5-20 / 29-16 Mumbai h. 6-25 / 30-21

Midday Central Station h.12-00-14s Chennai: h.12-09-14s Delhi: h.12-21-21s Kolkata: h.11-36-44s Mumbai: h.12-38-53s

Dr. B. R. Ambedkar Jayanti, Beginning of Nirayana 5121 Kali Era, Vaisakhadi (Bengal),**Bahag Bihu (Assam), Shilhempa (Manipur), Mesadi (Tamil Nadu), Tamil New Year's Day****Wednesday, 26 Chaitra, (ni) 2 Vaisakha, 15 April, 21 Shaban****Kali Ahargana:** 1870489 **Julian Day:** 2458954.5**Sunrise:** h. 5-39 **Sunset:** h. 18-21 **Moonset:** h. 11-51 **Moonrise:** h. 25-41

Tithi: (Chaitra Krishna) Ashtami h. 16-52 **Nakshatra:** Uttarasadha h. 21-04 **Yoga:** Siddha h. 17-31 **Karana:** Kaulava h. 16-52 then Taitila h. 29-27 **Moon:** in Makara **Age of Moon:** 21.6 **Declination of Sun:** N 9° 51' **Sidereal Time (noon):** h. 01-35-31s **Equation of time:** 0m 01s

Lagna Mesha Begins: Chennai h. 29-51 Delhi h. 29-52 Kolkata h. 29-12 Mumbai h. 30-17

Midday Central Station h.11-59-59s Chennai: h.12-09-00s Delhi: h.12-21-07s Kolkata: h.11-36-29s Mumbai: h.12-38-39s

Thursday, 27 Chaitra, (ni) 3 Vaisakha, 16 April, 22 Shaban**Kali Ahargana:** 1870490 **Julian Day:** 2458955.5**Sunrise:** h. 5-38 **Sunset:** h. 18-21 **Moonset:** h. 12-46 **Moonrise:** h. 26-23

Tithi: (Chaitra Krishna) Navami h. 18-12 **Nakshatra:** Sravana h. 23-06 **Yoga:** Sadhya h. 17-33 **Karana:** Gara h. 18-12 **Moon:** in Makara **Age of Moon:** 22.6 **Declination of Sun:** N 10° 13' **Sidereal Time (noon):** h. 01-39-13s **Equation of time:** 0m 15s

Lagna Mesha Begins: Chennai h. 29-47 Delhi h. 29-48 Kolkata h. 29-08 Mumbai h. 30-13

Midday Central Station h.11-59-45s Chennai: h.12-08-46s Delhi: h.12-20-53s Kolkata: h.11-36-15s Mumbai: h.12-38-25s

Friday, 28 Chaitra, (ni) 4 Vaisakha, 17 April, 23 Shaban**Kali Ahargana:** 1870491 **Julian Day:** 2458956.5**Sunrise:** h. 5-38 **Sunset:** h. 18-22 **Moonset:** h. 13-40 **Moonrise:** h. 27-02

Tithi: (Chaitra Krishna) Dasami h. 20-04 **Nakshatra:** Dhanistha h. 25-36 **Yoga:** Subha h. 17-58 **Karana:** vanij h. 7-05 then Vishti h. 20-04 **Moon:** in Makara, enters Kumbha h. 12-18 **Age of Moon:** 23.6 **Declination of Sun:** N 10° 34' **Sidereal Time (noon):** h. 01-42-56s **Equation of time:** 0m 29s

Lagna Mesha Begins: Chennai h. 29-43 Delhi h. 29-44 Kolkata h. 29-04 Mumbai h. 30-09

Midday Central Station h.11-59-31s Chennai: h.12-08-32s Delhi: h.12-20-39s Kolkata: h.11-36-01s Mumbai: h.12-38-11s

Sayana Vaidhriti h. 27-20

Saturday, 29 Chaitra, (ni) 5 Vaisakha, 18 April, 24 Shaban**Kali Ahargana:** 1870492 **Julian Day:** 2458957.5**Sunrise:** h. 5-37 **Sunset:** h. 18-22 **Moonset:** h. 14-31 **Moonrise:** h. 27-37

Tithi: (Chaitra Krishna) Ekadasi h. 22-18 **Nakshatra:** Satabhisaj h. 28-25 **Yoga:** Sukla (Sukra) h. 18-41 **Karana:** Bava h. 9-09 then Balava h. 22-18 **Moon:** in Kumbha **Age of Moon:** 24.6 **Declination of Sun:** N 10° 55' **Sidereal Time (noon):** h. 01-46-39s **Equation of time:** 0m 42s

Lagna Mesha Begins: Chennai h. 29-39 Delhi h. 29-40 Kolkata h. 29-00 Mumbai h. 30-05

Midday Central Station h.11-59-18s Chennai: h.12-08-19s Delhi: h.12-20-26s Kolkata: h.11-35-48s Mumbai: h.12-37-57s

Varuthini Ekadasi, Sri Vallabhacharya Jayanti

Sunday, 30 Chaitra, (ni) 6 Vaisakha, 19 April, 25 Shaban

Kali Ahargana: 1870493 **Julian Day:** 2458958.5

Sunrise: h. 5-36 **Sunset:** h. 18-23 **Moonset:** h. 15-22 **Moonrise:** h. 28-10

Tithi: (Chaitra Krishna) Dvadasi h. 24-43 **Nakshatra:** Purva Bhadrapada ahoratra **Yoga:** Brahma h. 19-34 **Karana:** Kaulava h. 11-30 then Taitila h. 24-43 **Moon:** in Kumbha, enters Mina h. 24-38 **Age of Moon:** 25.6 **Declination of Sun:** N 11° 16'

Sidereal Time (noon): h. 01-50-23s **Equation of time:** 0m 55s

Lagna Mesha Begins: Chennai h. 29-35 Delhi h. 29-36 Kolkata h. 28-56 Mumbai h. 30-01

Midday Central Station h.11-59-05s Chennai: h.12-08-06s Delhi: h.12-20-13s Kolkata: h.11-35-35s Mumbai: h.12-37-44s

Sun enters Tropical Taurus h. 20-16

Low Sunday - Christian

Monday, 31 Chaitra, (ni) 7 Vaisakha, 20 April, 26 Shaban

Kali Ahargana: 1870494 **Julian Day:** 2458959.5

Sunrise: h. 5-35 **Sunset:** h. 18-23 **Moonset:** h. 16-11 **Moonrise:** h. 28-42

Tithi: (Chaitra Krishna) Trayodasi h. 27-12 **Nakshatra:** Purva Bhadrapada h. 7-23 **Yoga:** Indra h. 20-30 **Karana:** Gara h. 13-58 then vanij h. 27-12 **Moon:** in Mina **Age of Moon:** 26.6 **Declination of Sun:** N 11° 36' **Sidereal Time (noon):** h. 01-54-07s

Equation of time: 1m 08s

Lagna Mesha Begins: Chennai h. 29-31 Delhi h. 29-32 Kolkata h. 28-52 Mumbai h. 29-57

Midday Central Station h.11-58-52s Chennai: h.12-07-53s Delhi: h.12-20-00s Kolkata: h.11-35-22s Mumbai: h.12-37-32s

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5119 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Chtr.	(ni) Chtr	Mar.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	22	6 12	18 20	19 46	7 13	6 23	18 33	20 04	7 24	5 40	17 49	19 16	6 39	6 41	18 50	20 19	7 44
2	9	23	6 11	18 20	20 43	8 00	6 22	18 34	21 08	8 04	5 39	17 49	20 16	7 22	6 41	18 50	21 18	8 27
3	10	24	6 11	18 20	21 39	8 47	6 21	18 34	22 10	8 44	5 38	17 49	21 17	8 04	6 40	18 50	22 16	9 12
4	11	25	6 10	18 20	22 34	9 35	6 20	18 35	23 11	9 26	5 37	17 50	22 15	8 48	6 39	18 51	23 14	9 57
5	12	26	6 09	18 20	23 29	10 22	6 19	18 35	24 09	10 09	5 36	17 50	23 11	9 34	6 38	18 51	24 09	10 44
6	13	27	6 09	18 20	24 21	11 12	6 17	18 36	25 04	10 55	5 35	17 50	24 05	10 21	6 37	18 51	25 03	11 32
7	14	28	6 08	18 20	25 12	12 02	6 16	18 36	25 55	11 44	5 34	17 51	24 56	11 11	6 36	18 51	25 54	12 21
8	15	29	6 08	18 20	26 00	12 52	6 15	18 37	26 42	12 34	5 33	17 51	25 44	12 01	6 36	18 52	26 41	13 12
9	16	30	6 07	18 20	26 46	13 42	6 14	18 38	27 25	13 26	5 32	17 51	26 27	12 52	6 35	18 52	27 26	14 02
10	17	31	6 06	18 20	27 29	14 31	6 13	18 38	28 03	14 19	5 31	17 52	27 09	13 43	6 34	18 52	28 07	14 53
		Apr.																
11	18	1	6 06	18 20	28 10	15 19	6 12	18 39	28 39	15 12	5 30	17 52	27 47	14 34	6 33	18 52	28 46	15 43
12	19	2	6 05	18 20	28 49	16 07	6 11	18 39	29 14	16 04	5 29	17 52	28 23	15 25	6 32	18 53	29 24	16 32
13	20	3	6 04	18 21	29 28	16 54	6 09	18 40	29 46	16 57	5 28	17 53	28 58	16 15	6 31	18 53	30 00	17 21
14	21	4	6 04	18 21	---	17 41	6 08	18 40	---	17 50	5 27	17 53	---	17 05	6 30	18 53	---	18 10
15	22	5	6 03	18 21	6 06	18 28	6 07	18 41	6 18	18 43	5 26	17 53	5 33	17 56	6 30	18 53	6 36	19 00
16	23	6	6 02	18 21	6 44	19 17	6 06	18 41	6 51	19 39	5 25	17 54	6 08	18 48	6 29	18 54	7 13	19 51
17	24	7	6 02	18 21	7 25	20 07	6 05	18 42	7 26	20 34	5 25	17 54	6 45	19 42	6 28	18 54	7 51	20 43
18	25	8	6 01	18 21	8 07	20 59	6 04	18 43	8 02	21 33	5 24	17 54	7 24	20 37	6 27	18 54	8 31	21 37
19	26	9	6 00	18 21	8 53	21 53	6 03	18 43	8 42	22 31	5 23	17 55	8 06	21 35	6 26	18 54	9 16	22 33
20	27	10	6 00	18 21	9 43	22 50	6 02	18 44	9 28	23 32	5 22	17 55	8 53	22 33	6 26	18 55	10 03	23 31
21	28	11	5 59	18 21	10 35	23 47	6 01	18 44	10 18	24 30	5 21	17 55	9 45	23 31	6 25	18 55	10 56	24 29
22	29	12	5 59	18 21	11 33	24 44	6 00	18 45	11 15	25 27	5 20	17 56	10 41	24 28	6 24	18 55	11 53	25 26
23	30	13	5 58	18 21	12 32	25 41	5 58	18 45	12 15	26 20	5 19	17 56	11 41	25 23	6 23	18 55	12 52	26 21
		(ni)Vysk.																
		5120K.E.																
24	1	14	5 57	18 21	13 33	26 34	5 57	18 46	13 20	27 09	5 18	17 57	12 44	26 14	6 23	18 56	13 54	27 13
25	2	15	5 57	18 22	14 33	27 26	5 56	18 47	14 26	27 54	5 17	17 57	13 48	27 02	6 22	18 56	14 57	28 02
26	3	16	5 56	18 22	15 33	28 14	5 55	18 47	15 32	28 36	5 16	17 57	14 51	27 47	6 21	18 56	15 59	28 48
27	4	17	5 56	18 22	16 31	29 02	5 54	18 48	16 38	29 16	5 16	17 58	15 54	28 29	6 20	18 56	17 00	29 33
28	5	18	5 55	18 22	17 29	29 48	5 53	18 48	17 43	---	5 15	17 58	16 56	29 12	6 20	18 57	18 00	30 17
29	6	19	5 55	18 22	18 26	---	5 52	18 49	18 48	5 55	5 14	17 58	17 58	---	6 19	18 57	19 00	---
30	7	20	5 54	18 22	19 23	6 35	5 51	18 50	19 52	6 35	5 13	17 59	18 58	5 54	6 18	18 57	19 59	7 01

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
			Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Vysk	(ni) Vysk	Apr.	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	21	5 54	18 22	20 19	7 22	5 50	18 50	20 54	7 16	5 12	17 59	19 59	6 38	6 17	18 58	20 58	7 46
2	9	22	5 53	18 22	21 16	8 11	5 49	18 51	21 55	7 59	5 12	18 00	20 57	7 24	6 17	18 58	21 56	8 33
3	10	23	5 52	18 23	22 10	9 01	5 48	18 51	22 53	8 45	5 11	18 00	21 54	8 11	6 16	18 58	22 52	9 22
4	11	24	5 52	18 23	23 04	9 52	5 47	18 52	23 47	9 34	5 10	18 00	22 48	9 01	6 15	18 59	23 45	10 12
5	12	25	5 51	18 23	23 54	10 43	5 46	18 53	24 36	10 25	5 09	18 01	23 38	9 52	6 15	18 59	24 35	11 03
6	13	26	5 51	18 23	24 41	11 34	5 46	18 53	25 22	11 17	5 08	18 01	24 24	10 43	6 14	18 59	25 22	11 55
7	14	27	5 50	18 23	25 26	12 24	5 45	18 54	26 02	12 10	5 08	18 02	25 06	11 36	6 13	18 59	26 04	12 45
8	15	28	5 50	18 23	26 07	13 13	5 44	18 54	26 39	13 04	5 07	18 02	25 46	12 27	6 13	19 00	26 45	13 36
9	16	29	5 50	18 23	26 47	14 01	5 43	18 55	27 14	13 56	5 06	18 02	26 22	13 18	6 12	19 00	27 23	14 25
10	17	30	5 49	18 24	27 26	14 48	5 42	18 56	27 47	14 49	5 05	18 03	26 57	14 08	6 12	19 00	27 59	15 15
		May																
11	18	1	5 49	18 24	28 04	15 35	5 41	18 56	28 18	15 42	5 05	18 03	27 32	14 58	6 11	19 01	28 35	16 04
12	19	2	5 48	18 24	28 42	16 22	5 40	18 57	28 51	16 35	5 04	18 04	28 07	15 49	6 10	19 01	29 11	16 53
13	20	3	5 48	18 24	29 22	17 11	5 39	18 57	29 25	17 30	5 03	18 04	28 43	16 41	6 10	19 01	29 49	17 44
14	21	4	5 47	18 24	---	18 00	5 39	18 58	---	18 26	5 03	18 04	---	17 35	6 09	19 02	---	18 36
15	22	5	5 47	18 25	6 04	18 53	5 38	18 59	6 01	19 24	5 02	18 05	5 22	18 30	6 09	19 02	6 29	19 30
16	23	6	5 47	18 25	6 49	19 48	5 37	18 59	6 40	20 24	5 02	18 05	6 03	19 28	6 08	19 03	7 12	20 27
17	24	7	5 46	18 25	7 38	20 44	5 36	19 00	7 25	21 26	5 01	18 06	6 49	20 27	6 08	19 03	8 00	21 26
18	25	8	5 46	18 25	8 31	21 43	5 36	19 00	8 14	22 26	5 00	18 06	7 41	21 27	6 07	19 03	8 51	22 24
19	26	9	5 46	18 25	9 28	22 41	5 35	19 01	9 09	23 24	5 00	18 07	8 36	22 25	6 07	19 04	9 48	23 23
20	27	10	5 45	18 26	10 26	23 38	5 34	19 02	10 09	24 18	4 59	18 07	9 36	23 20	6 06	19 04	10 47	24 18
21	28	11	5 45	18 26	11 27	24 31	5 33	19 02	11 12	25 08	4 59	18 08	10 37	24 12	6 06	19 04	11 48	25 10
22	29	12	5 45	18 26	12 26	25 22	5 33	19 03	12 17	25 53	4 58	18 08	11 40	24 59	6 06	19 05	12 49	25 59
23	30	13	5 44	18 26	13 25	26 10	5 32	19 04	13 22	26 34	4 58	18 08	12 42	25 44	6 05	19 05	13 50	26 45
24	31	14	5 44	18 27	14 21	26 56	5 32	19 04	14 25	27 14	4 57	18 09	13 43	26 25	6 05	19 05	14 49	27 29
		(ni) Jyst.																
25	1	15	5 44	18 27	15 18	27 41	5 31	19 05	15 29	27 52	4 57	18 09	14 43	27 07	6 04	19 06	15 48	28 11
26	2	16	5 44	18 27	16 13	28 26	5 30	19 05	16 32	28 29	4 56	18 10	15 43	27 48	6 04	19 06	16 46	28 54
27	3	17	5 43	18 28	17 09	29 13	5 30	19 06	17 35	29 09	4 56	18 10	16 43	28 30	6 04	19 07	17 45	29 38
28	4	18	5 43	18 28	18 05	---	5 29	19 07	18 37	---	4 56	18 11	17 43	---	6 03	19 07	18 43	---
29	5	19	5 43	18 28	19 02	6 00	5 29	19 07	19 39	5 51	4 55	18 11	18 42	5 14	6 03	19 07	19 42	6 23
30	6	20	5 43	18 28	19 58	6 49	5 28	19 08	20 39	6 35	4 55	18 12	19 41	6 01	6 03	19 08	20 38	7 11
31	7	21	5 43	18 29	20 52	7 41	5 28	19 08	21 36	7 23	4 54	18 12	20 36	6 50	6 03	19 08	21 34	8 01

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Jyst	(ni) Jyst	May	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	22	5 43	18 29	21 45	8 32	5 27	19 09	22 28	8 14	4 54	18 13	21 29	7 41	6 02	19 09	22 26	8 52
2	19	23	5 42	18 29	22 34	9 25	5 27	19 10	23 16	9 06	4 54	18 13	22 17	8 33	6 02	19 09	23 15	9 45
3	10	24	5 42	18 30	23 20	10 15	5 26	19 10	23 59	10 00	4 53	18 13	23 02	9 26	6 02	19 09	24 00	10 36
4	11	25	5 42	18 30	24 03	11 06	5 26	19 11	24 37	10 54	4 53	18 14	23 43	10 18	6 02	19 10	24 41	11 28
5	12	26	5 42	18 30	24 44	11 54	5 26	19 11	25 13	11 47	4 53	18 14	24 20	11 09	6 01	19 10	25 21	12 18
6	13	27	5 42	18 30	25 23	12 41	5 25	19 12	25 47	12 40	4 53	18 15	24 56	12 00	6 01	19 11	25 57	13 07
7	14	28	5 42	18 31	26 01	13 28	5 25	19 12	26 18	13 33	4 52	18 15	25 31	12 50	6 01	19 11	26 33	13 56
8	15	29	5 42	18 31	26 38	14 15	5 25	19 13	26 50	14 25	4 52	18 16	26 05	13 40	6 01	19 11	27 09	14 45
9	16	30	5 42	18 31	27 17	15 02	5 24	19 13	27 23	15 19	4 52	18 16	26 40	14 31	6 01	19 12	27 45	15 35
10	17	31	5 42	18 32	27 58	15 51	5 24	19 14	27 57	16 14	4 52	18 17	27 17	15 24	6 01	19 12	28 24	16 25
		June																
11	18	1	5 42	18 32	28 42	16 42	5 24	19 15	28 35	17 12	4 52	18 17	27 58	16 18	6 01	19 13	29 06	17 19
12	19	2	5 42	18 32	29 30	17 37	5 24	19 15	29 18	18 11	4 52	18 17	28 42	17 16	6 01	19 13	29 52	18 15
13	20	3	5 42	18 33	- - - -	18 34	5 24	19 16	- - - -	19 14	4 52	18 18	- - - -	18 15	6 01	19 13	- - - -	19 14
14	21	4	5 42	18 33	6 22	19 33	5 23	19 16	6 06	20 16	4 52	18 18	5 32	19 17	6 01	19 14	6 43	20 14
15	22	5	5 42	18 33	7 19	20 33	5 23	19 17	7 01	21 17	4 51	18 19	6 27	20 17	6 00	19 14	7 39	21 15
16	23	6	5 42	18 33	8 19	21 32	5 23	19 17	8 01	22 14	4 51	18 19	7 27	21 16	6 00	19 14	8 39	22 13
17	24	7	5 42	18 34	9 20	22 28	5 23	19 17	9 04	23 06	4 51	18 19	8 30	22 09	6 00	19 15	9 41	23 08
18	25	8	5 42	18 34	10 21	23 20	5 23	19 18	10 10	23 53	4 51	18 20	9 34	22 59	6 01	19 15	10 43	23 58
19	26	9	5 42	18 34	11 20	24 09	5 23	19 18	11 15	24 35	4 51	18 20	10 36	23 44	6 01	19 15	11 45	24 45
20	27	10	5 42	18 35	12 17	24 55	5 23	19 19	12 19	25 15	4 51	18 20	11 38	24 26	6 01	19 16	12 44	25 29
21	28	11	5 42	18 35	13 13	25 40	5 23	19 19	13 22	25 52	4 51	18 21	12 37	25 07	6 01	19 16	13 43	26 10
22	29	12	5 42	18 35	14 07	26 23	5 23	19 20	14 23	26 29	4 52	18 21	13 36	25 47	6 01	19 16	14 39	26 52
23	30	13	5 43	18 35	15 02	27 08	5 23	19 20	15 25	27 07	4 52	18 21	14 34	26 27	6 01	19 17	15 37	27 34
24	31	14	5 43	18 36	15 57	27 54	5 23	19 20	16 26	27 47	4 52	18 22	15 33	27 09	6 01	19 17	16 33	28 17
		(ni)Asar:																
25	1	15	5 43	18 36	16 52	28 41	5 23	19 21	17 27	28 29	4 52	18 22	16 31	27 54	6 01	19 17	17 31	29 03
26	2	16	5 43	18 36	17 47	29 32	5 23	19 21	18 27	29 15	4 52	18 22	17 29	28 41	6 01	19 18	18 27	29 52
27	3	17	5 43	18 36	18 42	- - - -	5 23	19 21	19 25	- - - -	4 52	18 23	18 26	- - - -	6 01	19 18	19 24	- - - -
28	4	18	5 43	18 37	19 36	6 22	5 23	19 21	20 19	6 04	4 52	18 23	19 20	5 31	6 02	19 18	20 17	6 42
29	5	19	5 44	18 37	20 26	7 15	5 24	19 22	21 09	6 56	4 52	18 23	20 10	6 23	6 02	19 18	21 08	7 35
30	6	20	5 44	18 37	21 14	8 07	5 24	19 22	21 54	7 50	4 53	18 23	20 57	7 16	6 02	19 19	21 55	8 27
31	7	21	5 44	18 37	21 59	8 57	5 24	19 22	22 35	8 44	4 53	18 24	21 39	8 09	6 02	19 19	22 37	9 19

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
			Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Asar	(ni) Asar	June	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	22	5 44	18 38	22 40	9 47	5 24	19 22	23 12	9 38	4 53	18 24	22 18	9 01	6 02	19 19	23 18	10 10
2	9	23	5 44	18 38	23 20	10 35	5 24	19 23	23 46	10 30	4 53	18 24	22 55	9 52	6 03	19 19	23 55	11 00
3	10	24	5 45	18 38	23 58	11 22	5 25	19 23	24 18	11 23	4 53	18 24	23 29	10 42	6 03	19 19	24 31	11 49
4	11	25	5 45	18 38	24 35	12 08	5 25	19 23	24 49	12 15	4 54	18 24	24 03	11 32	6 03	19 20	25 06	12 36
5	12	26	5 45	18 38	25 13	12 54	5 25	19 23	25 21	13 08	4 54	18 25	24 37	12 21	6 03	19 20	25 42	13 26
6	13	27	5 45	18 39	25 52	13 42	5 26	19 23	25 54	14 02	4 54	18 25	25 13	13 13	6 04	19 20	26 18	14 15
7	14	28	5 46	18 39	26 34	14 31	5 26	19 23	26 30	14 57	4 55	18 25	25 51	14 05	6 04	19 20	26 58	15 07
8	15	29	5 46	18 39	27 19	15 24	5 26	19 23	27 10	15 56	4 55	18 25	26 33	15 01	6 04	19 20	27 42	16 01
9	16	30	5 46	18 39	28 09	16 19	5 27	19 23	27 55	16 56	4 55	18 25	27 21	16 00	6 04	19 20	28 30	16 59
		July																
10	17	1	5 46	18 39	29 05	17 18	5 27	19 23	28 47	17 59	4 56	18 25	28 13	17 01	6 05	19 20	29 25	17 59
11	18	2	5 47	18 39	- - -	18 18	5 27	19 23	- - -	19 02	4 56	18 25	- - -	18 02	6 05	19 20	- - -	19 00
12	19	3	5 47	18 39	6 04	19 19	5 28	19 23	5 46	20 02	4 56	18 25	5 13	19 03	6 05	19 20	6 24	20 01
13	20	4	5 47	18 39	7 07	20 18	5 28	19 23	6 50	20 59	4 57	18 25	6 16	20 01	6 06	19 21	7 28	20 59
14	21	5	5 48	18 40	8 10	21 14	5 28	19 23	7 57	21 49	4 57	18 25	7 21	20 53	6 06	19 21	8 32	21 53
15	22	6	5 48	18 40	9 12	22 05	5 29	19 23	9 04	22 34	4 57	18 25	8 26	21 42	6 06	19 21	9 36	22 42
16	23	7	5 48	18 40	10 11	22 53	5 29	19 23	10 11	23 16	4 58	18 25	9 30	22 26	6 07	19 21	10 37	23 28
17	24	8	5 48	18 40	11 09	23 39	5 30	19 23	11 15	23 54	4 58	18 25	10 31	23 07	6 07	19 21	11 38	24 10
18	25	9	5 49	18 40	12 04	24 23	5 30	19 23	12 18	24 31	4 58	18 25	11 31	23 48	6 07	19 20	12 35	24 52
19	26	10	5 49	18 40	12 58	25 07	5 31	19 23	13 19	25 08	4 59	18 25	12 29	24 27	6 08	19 20	13 32	25 34
20	27	11	5 49	18 40	13 52	25 52	5 31	19 22	14 20	25 47	4 59	18 25	13 27	25 08	6 08	19 20	14 28	26 16
21	28	12	5 50	18 40	14 46	26 38	5 32	19 22	15 20	26 27	5 00	18 25	14 25	25 51	6 08	19 20	15 25	27 01
22	29	13	5 50	18 40	15 41	27 27	5 32	19 22	16 19	27 11	5 00	18 24	15 22	26 37	6 09	19 20	16 20	27 47
23	30	14	5 50	18 40	16 35	28 16	5 33	19 22	17 17	27 59	5 00	18 24	16 18	27 26	6 09	19 20	17 16	28 36
24	31	15	5 50	18 40	17 29	29 08	5 33	19 21	18 12	28 49	5 01	18 24	17 13	28 16	6 09	19 20	18 10	29 28
		(ni)Srvn.																
25	1	16	5 51	18 39	18 20	- - -	5 34	19 21	19 03	- - -	5 01	18 24	18 04	- - -	6 10	19 20	19 01	- - -
26	2	17	5 51	18 39	19 09	5 59	5 34	19 21	19 50	5 42	5 02	18 24	18 52	5 09	6 10	19 19	19 50	6 19
27	3	18	5 51	18 39	19 55	6 51	5 35	19 20	20 32	6 35	5 02	18 23	19 36	6 01	6 10	19 19	20 34	7 12
28	4	19	5 51	18 39	20 37	7 41	5 35	19 20	21 11	7 30	5 03	18 23	20 16	6 53	6 11	19 19	21 15	8 03
29	5	20	5 52	18 39	21 18	8 29	5 36	19 19	21 46	8 23	5 03	18 23	20 53	7 45	6 11	19 19	21 54	8 53
30	6	21	5 52	18 39	21 56	9 17	5 36	19 19	22 18	9 16	5 03	18 22	21 29	8 35	6 11	19 19	22 29	9 43
31	7	22	5 52	18 39	22 33	10 02	5 37	19 19	22 49	10 08	5 04	18 22	22 02	9 25	6 12	19 18	23 05	10 30

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
			Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Srvn.	(ni) Srvn	July	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	23	5 52	18 38	23 10	10 48	5 37	19 18	23 21	11 00	5 04	18 22	22 36	10 14	6 12	19 18	23 40	11 19
2	9	24	5 53	18 38	23 48	11 35	5 38	19 18	23 53	11 52	5 05	18 21	23 10	11 04	6 13	19 18	24 15	12 07
3	10	25	5 53	18 38	24 27	12 22	5 39	19 17	24 26	12 46	5 05	18 21	23 46	11 55	6 13	19 17	24 53	12 57
4	11	26	5 53	18 38	25 10	13 12	5 39	19 16	25 03	13 42	5 06	18 21	24 25	12 48	6 13	19 17	25 34	13 49
5	12	27	5 53	18 38	25 57	14 05	5 40	19 16	25 45	14 40	5 06	18 20	25 09	13 44	6 14	19 17	26 19	14 43
6	13	28	5 54	18 37	26 49	15 01	5 40	19 15	26 33	15 41	5 06	18 20	25 59	14 43	6 14	19 16	27 10	15 42
7	14	29	5 54	18 37	27 46	16 00	5 41	19 15	27 28	16 43	5 07	18 19	26 54	15 44	6 14	19 16	28 06	16 41
8	15	30	5 54	18 37	28 47	17 01	5 41	19 14	28 29	17 45	5 07	18 19	27 56	16 45	6 15	19 15	29 08	17 43
9	16	31	5 54	18 36	29 52	18 02	5 42	19 13	29 36	18 43	5 08	18 18	29 01	17 45	6 15	19 15	30 12	18 43
10	17	Aug.																
11	18	1	5 54	18 36	- - -	19 00	5 42	19 13	- - -	19 38	5 08	18 18	- - -	18 41	6 15	19 15	- - -	19 40
12	19	2	5 55	18 36	6 56	19 55	5 43	19 12	6 45	20 27	5 09	18 17	6 08	19 33	6 16	19 14	7 19	20 32
13	20	3	5 55	18 35	7 58	20 46	5 44	19 11	7 55	21 11	5 09	18 17	7 15	20 20	6 16	19 14	8 23	21 21
14	21	4	5 55	18 35	8 58	21 34	5 44	19 10	9 02	21 52	5 09	18 16	8 19	21 04	6 16	19 13	9 26	22 06
15	22	5	5 55	18 35	9 56	22 20	5 45	19 10	10 07	22 30	5 10	18 15	9 22	21 46	6 17	19 13	10 26	22 50
16	23	6	5 55	18 34	10 52	23 05	5 45	19 09	11 11	23 08	5 10	18 15	10 22	22 26	6 17	19 12	11 26	23 33
17	24	7	5 56	18 34	11 48	23 51	5 46	19 08	12 13	23 47	5 11	18 14	11 22	23 08	6 17	19 12	12 23	24 15
18	25	8	5 56	18 33	12 42	24 36	5 46	19 07	13 15	24 27	5 11	18 14	12 20	23 51	6 17	19 11	13 20	24 59
19	26	9	5 56	18 33	13 37	25 24	5 47	19 06	14 14	25 10	5 11	18 13	13 18	24 35	6 18	19 10	14 16	25 46
20	27	10	5 56	18 33	14 31	26 13	5 48	19 06	15 12	25 56	5 12	18 12	14 14	25 23	6 18	19 10	15 12	26 33
21	28	11	5 56	18 32	15 25	27 04	5 48	19 05	16 08	26 45	5 12	18 12	15 09	26 12	6 18	19 09	16 06	27 24
22	29	12	5 56	18 32	16 16	27 55	5 49	19 04	17 00	27 37	5 13	18 11	16 00	27 04	6 19	19 09	16 58	28 15
23	30	13	5 56	18 31	17 05	28 46	5 49	19 03	17 48	28 30	5 13	18 10	16 49	27 56	6 19	19 08	17 47	29 07
24	31	14	5 57	18 31	17 52	29 36	5 50	19 02	18 31	29 24	5 13	18 09	17 34	28 48	6 19	19 07	18 31	29 58
25	1	15	5 57	18 30	18 35	- - -	5 50	19 01	19 10	- - -	5 14	18 09	18 15	- - -	6 19	19 07	19 14	- - -
26	2	(ni)Bhdr.																
27	3	16	5 57	18 30	19 16	6 25	5 51	19 00	19 46	6 17	5 14	18 08	18 53	5 40	6 20	19 06	19 53	6 48
28	4	17	5 57	18 29	19 55	7 13	5 51	18 59	20 19	7 10	5 14	18 07	19 29	6 30	6 20	19 05	20 29	7 38
29	5	18	5 57	18 29	20 32	7 59	5 52	18 58	20 51	8 02	5 15	18 06	20 03	7 20	6 20	19 05	21 05	8 26
30	6	19	5 57	18 28	21 09	8 45	5 52	18 57	21 22	8 54	5 15	18 06	20 36	8 09	6 21	19 04	21 40	9 14
31	7	20	5 57	18 27	21 46	9 31	5 53	18 56	21 53	9 46	5 15	18 05	21 10	8 59	6 21	19 03	22 14	10 02
32	8	21	5 57	18 27	22 24	10 17	5 53	18 55	22 25	10 38	5 16	18 04	21 45	9 49	6 21	19 02	22 51	10 51
33	9	22	5 57	18 26	23 05	11 05	5 54	18 54	23 00	11 33	5 16	18 03	22 21	10 40	6 21	19 02	23 30	11 41

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Bhdr.	(ni)Bhdr	Aug.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	23	5 58	18 26	23 49	11 55	5 54	18 53	23 39	12 28	5 16	18 02	23 02	11 34	6 21	19 01	24 11	12 33
2	9	24	5 58	18 25	24 37	12 48	5 55	18 52	24 22	13 27	5 17	18 01	23 48	12 29	6 22	19 00	24 58	13 28
3	10	25	5 58	18 25	25 31	13 45	5 55	18 51	25 13	14 26	5 17	18 01	24 39	13 28	6 22	18 59	25 51	14 26
4	11	26	5 58	18 24	26 28	14 43	5 56	18 50	26 09	15 27	5 17	18 00	25 37	14 27	6 22	18 59	26 48	15 25
5	12	27	5 58	18 23	27 31	15 43	5 56	18 49	27 13	16 26	5 18	17 59	26 39	15 27	6 22	18 58	27 51	16 24
6	13	28	5 58	18 23	28 34	16 42	5 57	18 48	28 21	17 23	5 18	17 58	27 45	16 24	6 23	18 57	28 56	17 23
7	14	29	5 58	18 22	29 38	17 39	5 57	18 46	29 31	18 14	5 18	17 57	28 52	17 18	6 23	18 56	30 02	18 17
8	15	30	5 58	18 21	- - -	18 32	5 58	18 45	- - -	19 01	5 19	17 56	- - -	18 08	6 23	18 55	- - -	19 09
9	16	31	5 58	18 21	6 40	19 23	5 58	18 44	6 40	19 44	5 19	17 55	5 59	18 54	6 23	18 55	7 07	19 57
		Sept.																
10	17	1	5 58	18 20	7 41	20 11	5 59	18 43	7 49	20 24	5 19	17 54	7 04	19 39	6 23	18 54	8 10	20 42
11	18	2	5 58	18 19	8 40	20 58	5 59	18 42	8 55	21 04	5 20	17 53	8 08	20 21	6 24	18 53	9 12	21 26
12	19	3	5 58	18 19	9 38	21 45	6 00	18 41	10 01	21 44	5 20	17 53	9 10	21 03	6 24	18 52	10 12	22 10
13	20	4	5 58	18 18	10 34	22 32	6 00	18 40	11 04	22 24	5 20	17 52	10 11	21 47	6 24	18 51	11 11	22 55
14	21	5	5 58	18 17	11 31	23 20	6 01	18 38	12 06	23 07	5 21	17 51	11 10	22 32	6 24	18 50	12 10	23 42
15	22	6	5 58	18 17	12 26	24 09	6 01	18 37	13 07	23 53	5 21	17 50	12 08	23 20	6 24	18 49	13 07	24 30
16	23	7	5 58	18 16	13 21	25 00	6 02	18 36	14 03	24 41	5 21	17 49	13 05	24 09	6 25	18 49	14 02	25 20
17	24	8	5 58	18 15	14 13	25 52	6 02	18 35	14 57	25 33	5 21	17 48	13 58	25 00	6 25	18 48	14 55	26 11
18	25	9	5 58	18 15	15 03	26 42	6 03	18 34	15 46	26 25	5 22	17 47	14 47	25 52	6 25	18 47	15 44	27 03
19	26	10	5 58	18 14	15 50	27 33	6 03	18 33	16 30	27 19	5 22	17 46	15 33	26 44	6 25	18 46	16 30	27 54
20	27	11	5 58	18 13	16 34	28 22	6 04	18 31	17 11	28 12	5 22	17 45	16 15	27 36	6 25	18 45	17 13	28 45
21	28	12	5 58	18 13	17 16	29 10	6 04	18 30	17 47	29 05	5 23	17 44	16 54	28 26	6 25	18 44	17 53	29 35
22	29	13	5 58	18 12	17 55	29 57	6 05	18 29	18 21	29 58	5 23	17 43	17 30	29 17	6 26	18 43	18 30	30 23
23	30	14	5 58	18 11	18 32	- - -	6 05	18 28	18 53	- - -	5 23	17 42	18 04	- - -	6 26	18 42	19 06	- - -
24	31	15	5 58	18 10	19 10	6 42	6 06	18 27	19 24	6 50	5 23	17 41	18 37	6 06	6 26	18 41	19 41	7 11
		(ni)Asvn.																
25	1	16	5 58	18 10	19 47	7 28	6 06	18 25	19 55	7 42	5 24	17 40	19 11	6 55	6 26	18 41	20 15	7 59
26	2	17	5 58	18 09	20 24	8 14	6 07	18 24	20 26	8 34	5 24	17 39	19 45	7 45	6 26	18 40	20 51	8 48
27	3	18	5 58	18 08	21 04	9 02	6 07	18 23	21 00	9 28	5 24	17 38	20 21	8 36	6 26	18 39	21 29	9 37
28	4	19	5 58	18 08	21 46	9 51	6 08	18 22	21 37	10 22	5 25	17 37	21 00	9 29	6 27	18 38	22 09	10 28
29	5	20	5 58	18 07	22 31	10 42	6 08	18 21	22 18	11 19	5 25	17 36	21 43	10 22	6 27	18 37	22 53	11 22
30	6	21	5 58	18 06	23 21	11 36	6 09	18 19	23 04	12 17	5 25	17 35	22 30	11 19	6 27	18 36	23 42	12 17
31	7	22	5 58	18 05	24 15	12 32	6 09	18 18	23 57	13 16	5 25	17 34	23 24	12 16	6 27	18 35	24 35	13 14

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Asvn.	(ni)Asvn	Sept.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	8	23	5 58	18 05	25 14	13 30	6 10	18 17	24 55	14 13	5 26	17 33	24 22	13 14	6 27	18 34	25 34	14 11
2	9	24	5 58	18 04	26 15	14 27	6 10	18 16	25 59	15 09	5 26	17 32	25 25	14 10	6 28	18 33	26 36	15 08
3	10	25	5 58	18 03	27 18	15 23	6 11	18 15	27 07	16 01	5 26	17 31	26 30	15 04	6 28	18 33	27 40	16 03
4	11	26	5 58	18 03	28 19	16 17	6 11	18 13	28 16	16 49	5 27	17 30	27 36	15 55	6 28	18 32	28 45	16 54
5	12	27	5 58	18 02	29 21	17 08	6 12	18 12	29 25	17 34	5 27	17 29	28 42	16 42	6 28	18 31	29 49	17 44
6	13	28	5 58	18 01	- - - -	17 58	6 12	18 11	- - - -	18 15	5 27	17 28	- - - -	17 27	6 28	18 30	- - - -	18 30
7	14	29	5 58	18 01	6 21	18 45	6 13	18 10	6 32	18 55	5 28	17 27	5 47	18 10	6 29	18 29	6 51	19 15
8	15	30	5 58	18 00	7 21	19 33	6 13	18 09	7 40	19 36	5 28	17 26	6 50	18 54	6 29	18 28	7 54	20 00
		Oct.																
9	16	1	5 58	17 59	8 19	20 21	6 14	18 08	8 46	20 16	5 28	17 25	7 54	19 38	6 29	18 27	8 55	20 46
10	17	2	5 58	17 59	9 18	21 11	6 14	18 06	9 52	21 00	5 29	17 24	8 56	20 24	6 29	18 26	9 56	21 33
11	18	3	5 58	17 58	10 15	22 02	6 15	18 05	10 55	21 46	5 29	17 23	9 57	21 12	6 29	18 26	10 56	22 22
12	19	4	5 58	17 57	11 12	22 53	6 15	18 04	11 55	22 35	5 29	17 22	10 56	22 02	6 30	18 25	11 54	23 13
13	20	5	5 59	17 57	12 07	23 46	6 16	18 03	12 51	23 27	5 30	17 21	11 52	22 54	6 30	18 24	12 49	24 05
14	21	6	5 59	17 56	12 59	24 37	6 16	18 02	13 43	24 19	5 30	17 20	12 43	23 46	6 30	18 23	13 41	24 57
15	22	7	5 59	17 55	13 48	25 29	6 17	18 01	14 29	25 13	5 30	17 19	13 31	24 39	6 30	18 22	14 28	25 50
16	23	8	5 59	17 55	14 32	26 18	6 17	18 00	15 11	26 07	5 31	17 18	14 14	25 31	6 31	18 21	15 12	26 40
17	24	9	5 59	17 54	15 15	27 06	6 18	17 59	15 49	27 00	5 31	17 17	14 54	26 22	6 31	18 21	15 53	27 31
18	25	10	5 59	17 53	15 55	27 54	6 18	17 57	16 23	27 53	5 31	17 17	15 31	27 12	6 31	18 20	16 31	28 19
19	26	11	5 59	17 53	16 33	28 39	6 19	17 56	16 55	28 45	5 32	17 16	16 05	28 02	6 31	18 19	17 07	29 08
20	27	12	5 59	17 52	17 10	29 26	6 20	17 55	17 27	29 37	5 32	17 15	16 39	28 51	6 32	18 18	17 42	29 56
21	28	13	5 59	17 52	17 47	- - - -	6 20	17 54	17 57	- - - -	5 32	17 14	17 13	- - - -	6 32	18 18	18 16	- - - -
22	29	14	5 59	17 51	18 24	6 12	6 21	17 53	18 28	6 29	5 33	17 13	17 47	5 42	6 32	18 17	18 52	6 44
23	30	15	5 59	17 51	19 03	6 59	6 21	17 52	19 02	7 23	5 33	17 12	18 22	6 32	6 32	18 16	19 29	7 34
		(ni)Krtk.																
24	1	16	5 59	17 50	19 45	7 48	6 22	17 51	19 38	8 18	5 34	17 11	19 00	7 25	6 33	18 15	20 08	8 25
25	2	17	6 00	17 49	20 29	8 39	6 23	17 50	20 17	9 15	5 34	17 10	19 42	8 18	6 33	18 15	20 51	9 18
26	3	18	6 00	17 49	21 18	9 32	6 23	17 49	21 01	10 12	5 34	17 10	20 27	9 15	6 33	18 14	21 38	10 12
27	4	19	6 00	17 48	22 10	10 27	6 24	17 48	21 51	11 11	5 35	17 09	21 18	10 11	6 34	18 13	22 29	11 09
28	5	20	6 00	17 48	23 06	11 23	6 24	17 47	22 46	12 08	5 35	17 08	22 13	11 08	6 34	18 13	23 26	12 05
29	6	21	6 00	17 47	24 04	12 19	6 25	17 46	23 47	13 03	5 36	17 07	23 13	12 03	6 34	18 12	24 24	13 01
30	7	22	6 00	17 47	25 04	13 14	6 26	17 45	24 51	13 54	5 36	17 06	24 15	12 56	6 35	18 11	25 26	13 55

The symbol ' — — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Krtk.	(ni) Krtk	Oct.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	23	6 01	17 46	26 04	14 06	6 26	17 44	25 57	14 42	5 37	17 06	25 19	13 47	6 35	18 11	26 28	14 45
2	9	24	6 01	17 46	27 04	14 57	6 27	17 43	27 03	15 26	5 37	17 05	26 22	14 33	6 35	18 10	27 30	15 34
3	10	25	6 01	17 45	28 03	15 46	6 28	17 43	28 10	16 07	5 38	17 04	27 26	15 18	6 36	18 09	28 32	16 19
4	11	26	6 01	17 45	29 01	16 33	6 28	17 42	29 17	16 46	5 38	17 03	28 29	16 00	6 36	18 09	29 34	17 04
5	12	27	6 01	17 45	30 00	17 20	6 29	17 41	30 23	17 26	5 38	17 03	29 33	16 43	6 36	18 08	30 35	17 48
6	13	28	6 02	17 44	- - - -	18 08	6 30	17 40	- - - -	18 06	5 39	17 02	- - - -	17 27	6 37	18 08	- - - -	18 33
7	14	29	6 02	17 44	6 59	18 57	6 30	17 39	7 30	18 49	5 39	17 01	6 36	18 12	6 37	18 07	7 37	19 21
8	15	30	6 02	17 43	7 59	19 49	6 31	17 38	8 35	19 35	5 40	17 01	7 39	19 00	6 38	18 07	8 38	20 10
9	16	31	6 02	17 43	8 58	20 41	6 32	17 37	9 40	20 23	5 41	17 00	8 41	19 50	6 38	18 06	9 39	21 01
		Nov.																
10	17	1	6 03	17 43	9 55	21 35	6 33	17 37	10 39	21 15	5 41	17 00	9 40	20 43	6 39	18 06	10 37	21 54
11	18	2	6 03	17 42	10 50	22 28	6 33	17 36	11 35	22 09	5 42	16 59	10 35	21 37	6 39	18 05	11 32	22 48
12	19	3	6 03	17 42	11 42	23 21	6 34	17 35	12 24	23 04	5 42	16 58	11 26	22 30	6 39	18 05	12 23	23 42
13	20	4	6 03	17 42	12 28	24 12	6 35	17 34	13 09	23 59	5 43	16 58	12 11	23 24	6 40	18 04	13 09	24 33
14	21	5	6 04	17 41	13 13	25 01	6 35	17 34	13 48	24 53	5 43	16 57	12 53	24 15	6 40	18 04	13 51	25 25
15	22	6	6 04	17 41	13 53	25 49	6 36	17 33	14 24	25 46	5 44	16 57	13 31	25 06	6 41	18 03	14 30	26 14
16	23	7	6 04	17 41	14 32	26 35	6 37	17 32	14 57	26 38	5 44	16 56	14 06	25 56	6 41	18 03	15 07	27 02
17	24	8	6 05	17 41	15 09	27 21	6 38	17 32	15 28	27 30	5 45	16 56	14 39	26 45	6 42	18 03	15 42	27 51
18	25	9	6 05	17 41	15 46	28 07	6 38	17 31	15 59	28 22	5 46	16 55	15 13	27 36	6 42	18 02	16 16	28 39
19	26	10	6 05	17 40	16 23	28 54	6 39	17 31	16 29	29 16	5 46	16 55	15 47	28 26	6 43	18 02	16 51	29 28
20	27	11	6 06	17 40	17 02	29 43	6 40	17 30	17 02	30 11	5 47	16 55	16 21	29 19	6 43	18 02	17 28	30 19
21	28	12	6 06	17 40	17 43	- - - -	6 41	17 29	17 37	- - - -	5 47	16 54	16 59	- - - -	6 44	18 01	18 06	- - - -
22	29	13	6 07	17 40	18 26	6 34	6 42	17 29	18 15	7 08	5 48	16 54	17 40	6 12	6 44	18 01	18 49	7 12
23	30	14	6 07	17 40	19 14	7 27	6 42	17 28	18 59	8 06	5 49	16 53	18 24	7 09	6 45	18 01	19 35	8 07
	(ni)Aghn.																	
24	1	15	6 07	17 40	20 06	8 22	6 43	17 28	19 47	9 05	5 49	16 53	19 15	8 06	6 45	18 01	20 25	9 04
25	2	16	6 08	17 40	21 01	9 19	6 44	17 27	20 41	10 04	5 50	16 53	20 09	9 04	6 46	18 00	21 21	10 01
26	3	17	6 08	17 40	21 59	10 15	6 45	17 27	21 41	11 00	5 50	16 53	21 07	10 01	6 47	18 00	22 19	10 58
27	4	18	6 09	17 39	22 58	11 11	6 46	17 27	22 43	11 53	5 51	16 52	22 08	10 54	6 47	18 00	23 19	11 52
28	5	19	6 09	17 39	23 57	12 03	6 46	17 26	23 47	12 40	5 52	16 52	23 10	11 44	6 48	18 00	24 19	12 42
29	6	20	6 10	17 39	24 55	12 53	6 47	17 26	24 51	13 24	5 52	16 52	24 12	12 30	6 48	18 00	25 20	13 30
30	7	21	6 10	17 39	25 52	13 40	6 48	17 26	25 56	14 04	5 53	16 52	25 13	13 14	6 49	18 00	26 19	14 15

The symbol ' — — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
			Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Aghn	(ni) Aghn	Nov.	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	22	6 11	17 39	26 48	14 26	6 49	17 25	27 00	14 43	5 54	16 52	26 14	13 55	6 50	18 00	27 19	14 58
2	9	23	6 11	17 40	27 45	15 11	6 50	17 25	28 04	15 21	5 54	16 51	27 15	14 36	6 50	18 00	28 18	15 41
3	10	24	6 12	17 40	28 42	15 57	6 50	17 25	29 10	15 59	5 55	16 51	28 17	15 18	6 51	17 59	29 19	16 24
4	11	25	6 12	17 40	29 41	16 44	6 51	17 25	30 15	16 39	5 56	16 51	29 20	16 01	6 51	17 59	30 19	17 09
5	12	26	6 13	17 40	- - - -	17 35	6 52	17 24	- - - -	17 23	5 56	16 51	- - - -	16 47	6 52	17 59	- - - -	17 57
6	13	27	6 13	17 40	6 40	18 26	6 53	17 24	7 20	18 10	5 57	16 51	6 22	17 37	6 53	18 00	7 21	18 47
7	14	28	6 14	17 40	7 39	19 21	6 54	17 24	8 22	19 01	5 58	16 51	7 24	18 28	6 53	18 00	8 21	19 40
8	15	29	6 14	17 40	8 36	20 15	6 54	17 24	9 22	19 55	5 58	16 51	8 21	19 23	6 54	18 00	9 19	20 34
9	16	30	6 15	17 40	9 31	21 10	6 55	17 24	10 15	20 51	5 59	16 51	9 16	20 18	6 54	18 00	10 12	21 30
		Dec.																
10	17	1	6 15	17 41	10 21	22 03	6 56	17 24	11 03	21 47	6 00	16 51	10 04	21 13	6 55	18 00	11 02	22 23
11	18	2	6 16	17 41	11 07	22 53	6 57	17 24	11 45	22 42	6 00	16 51	10 48	22 06	6 56	18 00	11 47	23 16
12	19	3	6 16	17 41	11 50	23 42	6 58	17 24	12 22	23 37	6 01	16 51	11 29	22 58	6 56	18 00	12 27	24 06
13	20	4	6 17	17 41	12 29	24 29	6 58	17 24	12 57	24 29	6 02	16 52	12 05	23 49	6 57	18 00	13 05	24 55
14	21	5	6 17	17 42	13 07	25 15	6 59	17 24	13 29	25 21	6 02	16 52	12 39	24 38	6 58	18 01	13 41	25 44
15	22	6	6 18	17 42	13 44	26 01	7 00	17 24	13 59	26 13	6 03	16 52	13 12	25 27	6 58	18 01	14 15	26 31
16	23	7	6 18	17 42	14 20	26 47	7 01	17 24	14 29	27 06	6 03	16 52	13 45	26 17	6 59	18 01	14 49	27 20
17	24	8	6 19	17 42	14 58	27 35	7 01	17 24	15 01	28 00	6 04	16 52	14 19	27 09	6 59	18 01	15 25	28 10
18	25	9	6 19	17 43	15 38	28 24	7 02	17 25	15 34	28 56	6 05	16 53	14 55	28 02	7 00	18 01	16 02	29 02
19	26	10	6 20	17 43	16 20	29 18	7 03	17 25	16 11	29 55	6 05	16 53	15 35	28 58	7 01	18 02	16 43	29 57
20	27	11	6 21	17 43	17 07	30 13	7 03	17 25	16 53	30 54	6 06	16 53	16 18	29 56	7 01	18 02	17 28	30 54
21	28	12	6 21	17 44	17 58	- - - -	7 04	17 25	17 40	- - - -	6 07	16 53	17 07	- - - -	7 02	18 02	18 18	- - - -
22	29	13	6 22	17 44	18 53	7 11	7 05	17 26	18 33	7 55	6 07	16 54	18 01	6 55	7 02	18 03	19 13	7 53
23	30	14	6 22	17 45	19 52	8 09	7 05	17 26	19 33	8 54	6 08	16 54	19 00	7 54	7 03	18 03	20 11	8 51
	(ni)Paus.																	
24	1	15	6 23	17 45	20 52	9 06	7 06	17 26	20 35	9 49	6 08	16 54	20 01	8 50	7 04	18 04	21 13	9 48
25	2	16	6 23	17 46	21 52	10 00	7 07	17 27	21 40	10 39	6 09	16 55	21 04	9 42	7 04	18 04	22 14	10 40
26	3	17	6 24	17 46	22 50	10 51	7 07	17 27	22 45	11 25	6 10	16 55	22 06	10 30	7 05	18 04	23 15	11 30
27	4	18	6 24	17 46	23 47	11 39	7 08	17 27	23 49	12 06	6 10	16 56	23 07	11 14	7 05	18 05	24 14	12 15
28	5	19	6 25	17 47	24 43	12 24	7 08	17 28	24 52	12 44	6 11	16 56	24 07	11 56	7 06	18 05	25 13	12 58
29	6	20	6 25	17 47	25 38	13 09	7 09	17 28	25 55	13 21	6 11	16 57	25 07	12 35	7 06	18 06	26 10	13 39
30	7	21	6 26	17 48	26 33	13 53	7 10	17 29	26 57	13 58	6 12	16 57	26 06	13 15	7 07	18 06	27 08	14 21

The symbol ' — — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2019 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Paus	(ni)Paus	Dec.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	22	6 26	17 48	27 30	14 38	7 10	17 29	28 01	14 36	6 12	16 58	27 06	13 56	7 07	18 07	28 07	15 04
2	9	23	6 27	17 49	28 27	15 26	7 11	17 30	29 04	15 17	6 13	16 58	28 07	14 40	7 08	18 07	29 06	15 49
3	10	24	6 27	17 49	29 25	16 15	7 11	17 30	30 07	16 01	6 13	16 59	29 08	15 27	7 08	18 08	30 06	16 36
4	11	25	6 28	17 50	30 22	17 08	7 11	17 31	31 07	16 49	6 14	16 59	30 07	16 16	7 09	18 08	31 05	17 28
5	12	26	6 28	17 50	- - - -	18 02	7 12	17 31	- - - -	17 42	6 14	17 00	- - - -	17 10	7 09	18 09	- - - -	18 21
6	13	27	6 29	17 51	7 18	18 57	7 12	17 32	8 03	18 37	6 14	17 00	7 04	18 05	7 10	18 09	8 00	19 17
7	14	28	6 29	17 51	8 10	19 51	7 13	17 33	8 54	19 34	6 15	17 01	7 55	19 00	7 10	18 10	8 52	20 11
8	15	29	6 30	17 52	8 59	20 43	7 13	17 33	9 39	20 30	6 15	17 02	8 42	19 55	7 11	18 10	9 40	21 05
9	16	30	6 30	17 52	9 44	21 34	7 13	17 34	10 19	21 26	6 16	17 02	9 24	20 48	7 11	18 11	10 22	21 57
10	17	31	6 30	17 53	10 25	22 21	7 14	17 35	10 55	22 19	6 16	17 03	10 02	21 40	7 11	18 12	11 02	22 47
		Jan.																
		2020																
11	18	1	6 31	17 54	11 04	23 08	7 14	17 35	11 28	23 12	6 16	17 03	10 37	22 29	7 12	18 12	11 38	23 36
12	19	2	6 31	17 54	11 41	23 54	7 14	17 36	11 59	24 03	6 17	17 04	11 11	23 19	7 12	18 13	12 13	24 23
13	20	3	6 32	17 55	12 16	24 39	7 14	17 37	12 28	24 55	6 17	17 05	11 44	24 08	7 12	18 13	12 47	25 11
14	21	4	6 32	17 55	12 53	25 26	7 15	17 37	12 59	25 48	6 17	17 05	12 16	24 58	7 13	18 14	13 22	26 00
15	22	5	6 32	17 56	13 32	26 13	7 15	17 38	13 31	26 42	6 17	17 06	12 51	25 50	7 13	18 15	13 57	26 50
16	23	6	6 33	17 56	14 12	27 05	7 15	17 39	14 06	27 39	6 18	17 07	13 28	26 43	7 13	18 15	14 36	27 43
17	24	7	6 33	17 57	14 56	27 58	7 15	17 40	14 45	28 38	6 18	17 07	14 09	27 41	7 14	18 16	15 19	28 39
18	25	8	6 33	17 57	15 46	28 55	7 15	17 40	15 29	29 39	6 18	17 08	14 55	28 39	7 14	18 16	16 06	29 37
19	26	9	6 34	17 58	16 39	29 54	7 15	17 41	16 20	30 39	6 18	17 09	15 47	29 40	7 14	18 17	16 59	30 36
20	27	10	6 34	17 59	17 38	- - - -	7 15	17 42	17 18	- - - -	6 18	17 09	16 45	- - - -	7 14	18 18	17 57	- - - -
21	28	11	6 34	17 59	18 39	6 53	7 15	17 43	18 20	7 38	6 18	17 10	17 47	6 38	7 14	18 18	18 59	7 36
22	29	12	6 34	18 00	19 41	7 51	7 15	17 44	19 27	8 31	6 19	17 11	18 52	7 34	7 15	18 19	20 02	8 31
23	30	13	6 35	18 00	20 42	8 45	7 15	17 44	20 34	9 21	6 19	17 12	19 56	8 25	7 15	18 20	21 06	9 24
		(ni)Magh																
24	1	14	6 35	18 01	21 41	9 36	7 15	17 45	21 41	10 04	6 19	17 12	21 00	9 12	7 15	18 20	22 07	10 12
25	2	15	6 35	18 01	22 38	10 23	7 15	17 46	22 45	10 45	6 19	17 13	22 01	9 55	7 15	18 21	23 07	10 57
26	3	16	6 35	18 02	23 34	11 08	7 15	17 47	23 49	11 23	6 19	17 14	23 02	10 36	7 15	18 22	24 06	11 40
27	4	17	6 35	18 02	24 29	11 53	7 15	17 48	24 51	11 59	6 19	17 14	24 01	11 16	7 15	18 22	25 03	12 21
28	5	18	6 35	18 03	25 25	12 37	7 15	17 48	25 54	12 37	6 19	17 15	25 00	11 56	7 15	18 23	26 01	13 03
29	6	19	6 35	18 03	26 20	13 23	7 15	17 49	26 56	13 16	6 19	17 16	26 00	12 38	7 15	18 23	26 59	13 47
30	7	20	6 36	18 04	27 17	14 10	7 14	17 50	27 58	13 58	6 19	17 17	26 59	13 23	7 15	18 24	27 58	14 32

The symbol ' — — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2020 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
			Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
Magh	(ni)Magh	Jan.	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	21	6 36	18 04	28 13	15 01	7 14	17 51	28 57	14 44	6 18	17 17	27 58	14 10	7 15	18 25	28 55	15 21
2	9	22	6 36	18 05	29 09	15 54	7 14	17 52	29 54	15 34	6 18	17 18	28 54	15 01	7 15	18 25	29 51	16 13
3	10	23	6 36	18 05	30 02	16 47	7 14	17 52	30 46	16 27	6 18	17 19	29 47	15 55	7 15	18 26	30 44	17 07
4	11	24	6 36	18 06	- - - -	17 42	7 13	17 53	- - - -	17 23	6 18	17 19	- - - -	16 50	7 15	18 27	- - - -	18 01
5	12	25	6 36	18 06	6 52	18 34	7 13	17 54	7 34	18 19	6 18	17 20	6 35	17 45	7 15	18 27	7 33	18 55
6	13	26	6 36	18 07	7 38	19 26	7 13	17 55	8 15	19 15	6 18	17 21	7 19	18 39	7 14	18 28	8 17	19 48
7	14	27	6 36	18 07	8 20	20 14	7 12	17 56	8 53	20 10	6 17	17 21	7 59	19 31	7 14	18 28	8 58	20 39
8	15	28	6 36	18 08	9 00	21 02	7 12	17 57	9 27	21 03	6 17	17 22	8 35	20 21	7 14	18 29	9 36	21 29
9	16	29	6 36	18 08	9 38	21 48	7 11	17 57	9 58	21 55	6 17	17 23	9 09	21 11	7 14	18 30	10 11	22 16
10	17	30	6 35	18 09	10 14	22 33	7 11	17 58	10 28	22 46	6 16	17 23	9 42	22 00	7 14	18 30	10 45	23 04
11	18	31	6 35	18 09	10 50	23 18	7 10	17 59	10 58	23 38	6 16	17 24	10 15	22 49	7 13	18 31	11 19	23 52
		Feb.																
12	19	1	6 35	18 10	11 27	24 05	7 10	18 00	11 29	24 31	6 16	17 25	10 48	23 40	7 13	18 31	11 54	24 40
13	20	2	6 35	18 10	12 06	24 53	7 09	18 01	12 02	25 26	6 15	17 25	11 23	24 31	7 13	18 32	12 30	25 31
14	21	3	6 35	18 10	12 47	25 45	7 09	18 01	12 38	26 22	6 15	17 26	12 01	25 26	7 13	18 32	13 10	26 24
15	22	4	6 35	18 11	13 33	26 39	7 08	18 02	13 19	27 21	6 15	17 27	12 44	26 22	7 12	18 33	13 54	27 20
16	23	5	6 35	18 11	14 23	27 36	7 08	18 03	14 05	28 21	6 14	17 27	13 33	27 21	7 12	18 33	14 43	28 18
17	24	6	6 34	18 11	15 19	28 35	7 07	18 04	14 59	29 20	6 14	17 28	14 26	28 20	7 11	18 34	15 39	29 17
18	25	7	6 34	18 12	16 19	29 34	7 06	18 05	16 00	30 16	6 13	17 29	15 27	29 18	7 11	18 35	16 38	30 15
19	26	8	6 34	18 12	17 22	30 30	7 06	18 05	17 05	- - - -	6 13	17 29	16 31	30 12	7 11	18 35	17 42	31 10
20	27	9	6 34	18 13	18 24	- - - -	7 05	18 06	18 13	7 09	6 12	17 30	17 37	- - - -	7 10	18 36	18 47	- - - -
21	28	10	6 33	18 13	19 27	7 24	7 04	18 07	19 23	7 56	6 12	17 30	18 43	7 02	7 10	18 36	19 52	8 02
22	29	11	6 33	18 13	20 27	8 14	7 03	18 08	20 30	8 39	6 11	17 31	19 48	7 49	7 09	18 37	20 54	8 49
23	30	12	6 33	18 14	21 26	9 02	7 03	18 08	21 37	9 20	6 11	17 32	20 51	8 32	7 09	18 37	21 56	9 35
	(ni)Phgn.																	
24	1	13	6 32	18 14	22 22	9 49	7 02	18 09	22 42	9 58	6 10	17 32	21 53	9 14	7 08	18 37	22 56	10 18
25	2	14	6 32	18 14	23 20	10 34	7 01	18 10	23 47	10 36	6 09	17 33	22 54	9 55	7 08	18 38	23 55	11 01
26	3	15	6 32	18 14	24 16	11 21	7 00	18 11	24 50	11 16	6 09	17 33	23 55	10 37	7 07	18 38	24 54	11 45
27	4	16	6 31	18 15	25 13	12 08	6 59	18 11	25 52	11 57	6 08	17 34	24 55	11 22	7 07	18 39	25 53	12 30
28	5	17	6 31	18 15	26 09	12 58	6 58	18 12	26 53	12 42	6 08	17 34	25 54	12 08	7 06	18 39	26 51	13 19
29	6	18	6 30	18 15	27 05	13 50	6 58	18 13	27 50	13 31	6 07	17 35	26 50	12 58	7 06	18 40	27 47	14 09
30	7	19	6 30	18 15	27 58	14 42	6 57	18 14	28 42	14 22	6 06	17 35	27 43	13 50	7 05	18 40	28 40	15 02

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1941 S.E.	5120 K.E.	2020 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Phgn	(ni) Phgn	Feb.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	8	20	6 30	18 16	28 48	15 36	6 56	18 14	29 31	15 17	6 06	17 36	28 32	14 44	7 05	18 41	29 29	15 56
2	9	21	6 29	18 16	29 35	16 28	6 55	18 15	30 13	16 12	6 05	17 36	29 17	15 39	7 04	18 41	30 14	16 49
3	10	22	6 29	18 16	30 18	17 20	6 54	18 16	30 52	17 08	6 04	17 37	29 57	16 32	7 03	18 41	30 56	17 42
4	11	23	6 28	18 16	- - - -	18 09	6 53	18 16	- - - -	18 03	6 03	17 37	- - - -	17 25	7 03	18 42	- - - -	18 33
5	12	24	6 28	18 17	6 58	18 57	6 52	18 17	7 27	18 56	6 03	17 38	6 34	18 16	7 02	18 42	7 35	19 23
6	13	25	6 27	18 17	7 37	19 43	6 51	18 18	7 59	19 49	6 02	17 38	7 09	19 06	7 01	18 42	8 10	20 11
7	14	26	6 27	18 17	8 13	20 28	6 50	18 18	8 29	20 40	6 01	17 39	7 43	19 55	7 01	18 43	8 45	20 59
8	15	27	6 26	18 17	8 49	21 14	6 49	18 19	8 59	21 32	6 00	17 39	8 15	20 43	7 00	18 43	9 19	21 47
9	16	28	6 26	18 17	9 26	22 00	6 48	18 20	9 30	22 24	6 00	17 40	8 47	21 33	6 59	18 44	9 53	22 34
10	17	29	6 25	18 18	10 03	22 47	6 47	18 20	10 01	23 17	5 59	17 40	9 22	22 23	6 58	18 44	10 28	23 24
		Mar.																
11	18	1	6 25	18 18	10 42	23 36	6 46	18 21	10 35	24 12	5 58	17 41	9 58	23 16	6 58	18 44	11 06	24 15
12	19	2	6 24	18 18	11 26	24 28	6 45	18 22	11 13	25 08	5 57	17 41	10 37	24 10	6 57	18 45	11 47	25 08
13	20	3	6 24	18 18	12 12	25 22	6 44	18 22	11 56	26 06	5 56	17 42	11 22	25 07	6 56	18 45	12 32	26 04
14	21	4	6 23	18 18	13 04	26 18	6 43	18 23	12 44	27 04	5 55	17 42	12 12	26 04	6 56	18 45	13 24	27 01
15	22	5	6 22	18 18	14 00	27 16	6 42	18 23	13 40	28 00	5 55	17 42	13 08	27 01	6 55	18 46	14 19	27 58
16	23	6	6 22	18 18	15 00	28 12	6 41	18 24	14 42	28 54	5 54	17 43	14 09	27 56	6 54	18 46	15 21	28 53
17	24	7	6 21	18 18	16 03	29 07	6 39	18 25	15 49	29 43	5 53	17 43	15 13	28 47	6 53	18 46	16 24	29 47
18	25	8	6 21	18 19	17 05	30 00	6 38	18 25	16 57	30 28	5 52	17 44	16 19	29 36	6 52	18 46	17 29	30 36
19	26	9	6 20	18 19	18 07	- - - -	6 37	18 26	18 07	- - - -	5 51	17 44	17 26	- - - -	6 52	18 47	18 33	- - - -
20	27	10	6 19	18 19	19 08	6 49	6 36	18 27	19 16	7 11	5 50	17 44	18 31	6 21	6 51	18 47	19 37	7 23
21	28	11	6 19	18 19	20 07	7 38	6 35	18 27	20 23	7 51	5 49	17 45	19 36	7 05	6 50	18 47	20 39	8 08
22	29	12	6 18	18 19	21 07	8 25	6 34	18 28	21 31	8 30	5 48	17 45	20 39	7 48	6 49	18 48	21 42	8 53
23	30	13	6 17	18 19	22 06	9 13	6 33	18 28	22 37	9 11	5 47	17 46	21 43	8 31	6 48	18 48	22 43	9 38
24	31	14	6 17	18 19	23 05	10 02	6 32	18 29	23 43	9 53	5 47	17 46	22 46	9 16	6 48	18 48	23 45	10 25
	(ni)Chtr.																	
25	1	15	6 16	18 19	24 03	10 53	6 30	18 29	24 46	10 38	5 46	17 46	23 47	10 03	6 47	18 48	24 45	11 14
26	2	16	6 16	18 19	25 00	11 45	6 29	18 30	25 46	11 27	5 45	17 47	24 45	10 53	6 46	18 49	25 43	12 05
27	3	17	6 15	18 19	25 55	12 38	6 28	18 31	26 40	12 18	5 44	17 47	25 41	11 46	6 45	18 49	26 37	12 58
28	4	18	6 14	18 20	26 46	13 33	6 27	18 31	27 30	13 12	5 43	17 47	26 30	12 40	6 44	18 49	27 28	13 52
29	5	19	6 14	18 20	27 34	14 25	6 26	18 32	28 14	14 07	5 42	17 48	27 17	13 34	6 43	18 49	28 14	14 45
30	6	20	6 13	18 20	28 17	15 17	6 25	18 32	28 53	15 03	5 41	17 48	27 58	14 28	6 43	18 50	28 56	15 38

The symbol ' — — ' indicates that there is no Moonrise or Moonset on the day.

Sunrise, Sunset & Moonrise, Moonset at four metropolitan cities in India

Date			Chennai				Delhi				Kolkata				Mumbai			
1942 S.E.	5120 K.E.	2020 A.D.	Sun		Moon		Sun		Moon		Sun		Moon		Sun		Moon	
Chtr	(ni) Chtr	Mar.	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set	Rise	Set
			h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m	h. m
1	7	21	6 12	18 20	28 58	16 06	6 24	18 33	29 29	15 58	5 40	17 48	28 35	15 21	6 42	18 50	29 35	16 29
2	8	22	6 12	18 20	29 37	16 54	6 22	18 34	30 01	16 51	5 39	17 49	29 11	16 12	6 41	18 50	30 11	17 20
3	9	23	6 11	18 20	- - -	17 41	6 21	18 34	- - -	17 44	5 38	17 49	- - -	17 02	6 40	18 50	- - -	18 08
4	10	24	6 10	18 20	6 13	18 26	6 20	18 35	6 32	18 35	5 37	17 49	5 44	17 51	6 39	18 51	6 46	18 56
5	11	25	6 10	18 20	6 49	19 11	6 19	18 35	7 02	19 28	5 36	17 50	6 16	18 40	6 38	18 51	7 20	19 43
6	12	26	6 09	18 20	7 26	19 57	6 18	18 36	7 32	20 19	5 35	17 50	6 49	19 29	6 37	18 51	7 54	20 31
7	13	27	6 08	18 20	8 02	20 43	6 17	18 36	8 02	21 12	5 34	17 51	7 22	20 19	6 37	18 51	8 28	21 20
8	14	28	6 08	18 20	8 41	21 32	6 15	18 37	8 35	22 06	5 33	17 51	7 57	21 11	6 36	18 52	9 05	22 10
9	15	29	6 07	18 20	9 23	22 22	6 14	18 37	9 11	23 02	5 32	17 51	8 35	22 04	6 35	18 52	9 45	23 02
10	16	30	6 06	18 20	10 07	23 15	6 13	18 38	9 52	23 58	5 31	17 52	9 18	22 59	6 34	18 52	10 28	23 56
11	17	31	6 06	18 20	10 56	24 09	6 12	18 39	10 37	24 54	5 30	17 52	10 04	23 55	6 33	18 52	11 16	24 51
		Apr.																
12	18	1	6 05	18 20	11 49	25 04	6 11	18 39	11 29	25 50	5 29	17 52	10 56	24 50	6 32	18 53	12 08	25 47
13	19	2	6 04	18 21	12 46	25 59	6 10	18 40	12 26	26 43	5 29	17 53	11 54	25 44	6 32	18 53	13 05	26 41
14	20	3	6 04	18 21	13 45	26 53	6 09	18 40	13 29	27 32	5 28	17 53	12 54	26 35	6 31	18 53	14 06	27 34
15	21	4	6 03	18 21	14 46	27 45	6 07	18 41	14 34	28 18	5 27	17 53	13 58	27 24	6 30	18 53	15 08	28 23
16	22	5	6 02	18 21	15 47	28 35	6 06	18 41	15 42	29 01	5 26	17 54	15 03	28 09	6 29	18 54	16 11	29 10
17	23	6	6 02	18 21	16 47	29 24	6 05	18 42	16 50	29 41	5 25	17 54	16 08	28 53	6 28	18 54	17 15	29 56
18	24	7	6 01	18 21	17 47	- - -	6 04	18 42	17 59	- - -	5 24	17 54	17 13	- - -	6 27	18 54	18 17	- - -
19	25	8	6 01	18 21	18 47	6 11	6 03	18 43	19 07	6 20	5 23	17 55	18 17	5 36	6 27	18 54	19 21	6 41
20	26	9	6 00	18 21	19 48	7 00	6 02	18 44	20 16	7 01	5 22	17 55	19 23	6 19	6 26	18 55	20 24	7 26
21	27	10	5 59	18 21	20 49	7 49	6 01	18 44	21 24	7 43	5 21	17 55	20 28	7 05	6 25	18 55	21 28	8 13
22	28	11	5 59	18 21	21 50	8 41	6 00	18 45	22 31	8 28	5 20	17 56	21 33	7 53	6 24	18 55	22 31	9 03
23	29	12	5 58	18 21	22 50	9 35	5 59	18 45	23 35	9 17	5 19	17 56	22 35	8 43	6 23	18 55	23 33	9 55
24	30	13	5 58	18 21	23 48	10 30	5 58	18 46	24 34	10 09	5 18	17 56	23 34	9 37	6 23	18 56	24 30	10 49
		(ni)Vysk.																
		5121																
25	1	14	5 57	18 22	24 41	11 25	5 57	18 46	25 27	11 04	5 18	17 57	24 27	10 32	6 22	18 56	25 24	11 44
26	2	15	5 56	18 22	25 31	12 20	5 56	18 47	26 13	12 01	5 17	17 57	25 15	11 28	6 21	18 56	26 12	12 39
27	3	16	5 56	18 22	26 16	13 13	5 55	18 48	26 54	12 57	5 16	17 58	25 58	12 23	6 20	18 56	26 56	13 34
28	4	17	5 55	18 22	26 58	14 03	5 54	18 48	27 31	13 53	5 15	17 58	26 37	13 16	6 20	18 57	27 36	14 25
29	5	18	5 55	18 22	27 38	14 52	5 53	18 49	28 04	14 47	5 14	17 58	27 13	14 08	6 19	18 57	28 13	15 16
30	6	19	5 54	18 22	28 14	15 39	5 52	18 49	28 35	15 40	5 13	17 59	27 46	14 58	6 18	18 57	28 48	16 05
31	7	20	5 54	18 22	28 50	16 24	5 51	18 50	29 05	16 31	5 13	17 59	28 18	15 48	6 18	18 58	29 22	16 53

The symbol ' — ' indicates that there is no Moonrise or Moonset on the day.

BEGINNING OF LAGNAS

(For the Central Station of India)

CHAITRA

Date														
1941	5119	2019	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina
S.E.	K.E.	A.D.												
Chtr. (ni)Chtr.	Mar.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	22	7-16	8-56	10-54	13-08	15-24	17-36	19-46	22-01	24-17	26-22	28-09	29-42
2	9	23	7-12	8-52	10-50	13-04	15-20	17-32	19-42	21-57	24-13	26-18	28-05	29-38
3	10	24	7-08	8-48	10-46	13-00	15-16	17-28	19-38	21-53	24-09	26-14	28-01	29-34
4	11	25	7-04	8-44	10-42	12-56	15-12	17-24	19-35	21-49	24-05	26-10	27-57	29-30
5	12	26	7-00	8-40	10-38	12-52	15-08	17-20	19-31	21-45	24-01	26-06	27-53	29-26
6	13	27	6-56	8-36	10-34	12-48	15-04	17-16	19-27	21-41	23-57	26-03	27-49	29-22
7	14	28	6-52	8-32	10-31	12-44	15-00	17-12	19-23	21-37	23-53	25-59	27-45	29-18
8	15	29	6-48	8-29	10-27	12-40	14-56	17-08	19-19	21-33	23-49	25-55	27-41	29-14
9	16	30	6-45	8-25	10-23	12-36	14-52	17-04	19-15	21-30	23-46	25-51	27-37	29-10
10	17	31	6-41	8-21	10-19	12-32	14-48	17-00	19-11	21-26	23-42	25-47	27-33	29-06
Apr.														
11	18	1	6-37	8-17	10-15	12-28	14-44	16-56	19-07	21-22	23-38	25-43	27-29	29-02
12	19	2	6-33	8-13	10-11	12-24	14-40	16-52	19-03	21-18	23-34	25-39	27-25	28-58
13	20	3	6-29	8-09	10-07	12-20	14-36	16-48	18-59	21-14	23-30	25-35	27-22	28-54
14	21	4	6-25	8-05	10-03	12-16	14-33	16-44	18-55	21-10	23-26	25-31	27-18	28-50
15	22	5	6-21	8-01	9-59	12-12	14-29	16-41	18-51	21-06	23-22	25-27	27-14	28-47
16	23	6	6-17	7-57	9-55	12-09	14-25	16-37	18-47	21-02	23-18	25-23	27-10	28-43
17	24	7	6-13	7-53	9-51	12-05	14-21	16-33	18-43	20-58	23-14	25-19	27-06	28-39
18	25	8	6-09	7-49	9-47	12-01	14-17	16-29	18-39	20-54	23-10	25-15	27-02	28-35
19	26	9	6-05	7-45	9-43	11-57	14-13	16-25	18-36	20-50	23-06	25-11	26-58	28-31
20	27	10	6-01	7-41	9-39	11-53	14-09	16-21	18-32	20-46	23-02	25-07	26-54	28-27
21	28	11	5-57	7-37	9-35	11-49	14-05	16-17	18-28	20-42	22-58	25-04	26-50	28-23
22	29	12	5-53	7-33	9-32	11-45	14-01	16-13	18-24	20-38	22-54	25-00	26-46	28-19
23	30	13	5-50	7-30	9-28	11-41	13-57	16-09	18-20	20-34	22-50	24-56	26-42	28-15
(ni) Vysk.														
5120 K.E.														
24	1	14	5-46	7-26	9-24	11-37	13-53	16-05	18-16	20-31	22-47	24-52	26-38	28-11
25	2	15	5-42	7-22	9-20	11-33	13-49	16-01	18-12	20-27	22-43	24-48	26-34	28-07
(29-38)														
26	3	16	29-34	7-18	9-16	11-29	13-45	15-57	18-08	20-23	22-39	24-44	26-30	28-03
27	4	17	29-30	7-14	9-12	11-25	13-41	15-53	18-04	20-19	22-35	24-40	26-26	27-59
28	5	18	29-26	7-10	9-08	11-21	13-38	15-49	18-00	20-15	22-31	24-36	26-23	27-55
29	6	19	29-22	7-06	9-04	11-17	13-34	15-45	17-56	20-11	22-27	24-32	26-19	27-52
30	7	20	29-18	7-02	9-00	11-14	13-30	15-42	17-52	20-07	22-23	24-28	26-15	27-48

BEGINNING OF LAGNAS

(For the Central Station of India)

VAISAKHA

Date															
1941	5120	2019	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	
S.E.	K.E.	A.D.													
Vysk. (ni)	Vysk.	Apr.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	
1	8	21	6-58	8-56	11-10	13-26	15-38	17-48	20-03	22-19	24-24	26-11	27-44	29-14	
2	9	22	6-54	8-52	11-06	13-22	15-34	17-44	19-59	22-15	24-20	26-07	27-40	29-10	
3	10	23	6-50	8-48	11-02	13-18	15-30	17-41	19-55	22-11	24-16	26-03	27-36	29-06	
4	11	24	6-46	8-44	10-58	13-14	15-26	17-37	19-51	22-07	24-12	25-59	27-32	29-02	
5	12	25	6-42	8-40	10-54	13-10	15-22	17-33	19-47	22-03	24-09	25-55	27-28	28-58	
6	13	26	6-38	8-37	10-50	13-06	15-18	17-29	19-43	21-59	24-05	25-51	27-24	28-54	
7	14	27	6-35	8-33	10-46	13-02	15-14	17-25	19-39	21-55	24-01	25-47	27-20	28-51	
8	15	28	6-31	8-29	10-42	12-58	15-10	17-21	19-35	21-52	23-57	25-43	27-16	28-47	
9	16	29	6-27	8-25	10-38	12-54	15-06	17-17	19-32	21-48	23-53	25-39	27-12	28-43	
10	17	30	6-23	8-21	10-34	12-50	15-02	17-13	19-28	21-44	23-49	25-35	27-08	28-39	
May															
11	18	1	6-19	8-17	10-30	12-46	14-58	17-09	19-24	21-40	23-45	25-31	27-04	28-35	
12	19	2	6-15	8-13	10-26	12-42	14-54	17-05	19-20	21-36	23-41	25-28	27-00	28-31	
13	20	3	6-11	8-09	10-22	12-39	14-50	17-01	19-16	21-32	23-37	25-24	26-56	28-27	
14	21	4	6-07	8-05	10-18	12-35	14-47	16-57	19-12	21-28	23-33	25-20	26-53	28-23	
15	22	5	6-03	8-01	10-15	12-31	14-43	16-53	19-08	21-24	23-29	25-16	26-49	28-19	
16	23	6	5-59	7-57	10-11	12-27	14-39	16-49	19-04	21-20	23-25	25-12	26-45	28-15	
17	24	7	5-55	7-53	10-07	12-23	14-35	16-45	19-00	21-16	23-21	25-08	26-41	28-11	
18	25	8	5-51	7-49	10-03	12-19	14-31	16-42	18-56	21-12	23-17	25-04	26-37	28-07	
19	26	9	5-47	7-45	9-59	12-15	14-27	16-38	18-52	21-08	23-13	25-00	26-33	28-03	
20	27	10	5-43	7-41	9-55	12-11	14-23	16-34	18-48	21-04	23-10	24-56	26-29	27-59	
21	28	11	5-39	7-38	9-51	12-07	14-19	16-30	18-44	21-00	23-06	24-52	26-25	27-55	
22	29	12	5-36	7-34	9-47	12-03	14-15	16-26	18-40	20-56	23-02	24-48	26-21	27-52	
23	30	13	5-32	7-30	9-43	11-59	14-11	16-22	18-37	20-53	22-58	24-44	26-17	27-48	
24	31	14	5-28	7-26	9-39	11-55	14-07	16-18	18-33	20-49	22-54	24-40	26-13	27-44	
(ni)Jyst.															
25	1	15	5-24	7-22	9-35	11-51	14-03	16-14	18-29	20-45	22-50	24-36	26-09	27-40	
26	2	16	5-20	7-18	9-31	11-47	13-59	16-10	18-25	20-41	22-46	24-32	26-05	27-36	
(29-16)															
27	3	17	29-12	7-14	9-27	11-44	13-55	16-06	18-21	20-37	22-42	24-29	26-01	27-32	
28	4	18	29-08	7-10	9-23	11-40	13-51	16-02	18-17	20-33	22-38	24-25	25-57	27-28	
29	5	19	29-04	7-06	9-19	11-36	13-48	15-58	18-13	20-29	22-34	24-21	25-54	27-24	
30	6	20	29-00	7-02	9-16	11-32	13-44	15-54	18-09	20-25	22-30	24-17	25-50	27-20	
31	7	21	28-56	6-58	9-12	11-28	13-40	15-50	18-05	20-21	22-26	24-13	25-46	27-16	

BEGINNING OF LAGNAS

(For the Central Station of India)

JYAISHTHA

Date															
-----			Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	
1941	5120	2019													
S.E.	K.E.	A.D.													
Jyst.	(ni) Jyst	May	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	
1	8	22	6-54	9-08	11-24	13-36	15-46	18-01	20-17	22-22	24-09	25-42	27-12	28-52	
2	9	23	6-50	9-04	11-20	13-32	15-43	17-57	20-13	22-18	24-05	25-38	27-08	28-48	
3	10	24	6-46	9-00	11-16	13-28	15-39	17-53	20-09	22-14	24-01	25-34	27-04	28-44	
4	11	25	6-42	8-56	11-12	13-24	15-35	17-49	20-05	22-11	23-57	25-30	27-00	28-40	
5	12	26	6-39	8-52	11-08	13-20	15-31	17-45	20-01	22-07	23-53	25-26	26-57	28-37	
6	13	27	6-35	8-48	11-04	13-16	15-27	17-41	19-57	22-03	23-49	25-22	26-53	28-33	
7	14	28	6-31	8-44	11-00	13-12	15-23	17-38	19-54	21-59	23-45	25-18	26-49	28-29	
8	15	29	6-27	8-40	10-56	13-08	15-19	17-34	19-50	21-55	23-41	25-14	26-45	28-25	
9	16	30	6-23	8-36	10-52	13-04	15-15	17-30	19-46	21-51	23-37	25-10	26-41	28-21	
10	17	31	6-19	8-32	10-48	13-00	15-11	17-26	19-42	21-47	23-33	25-06	26-37	28-17	
June															
11	18	1	6-15	8-28	10-45	12-56	15-07	17-22	19-38	21-43	23-30	25-02	26-33	28-13	
12	19	2	6-11	8-24	10-41	12-52	15-03	17-18	19-34	21-39	23-26	24-59	26-29	28-09	
13	20	3	6-07	8-21	10-37	12-49	14-59	17-14	19-30	21-35	23-22	24-55	26-25	28-05	
14	21	4	6-03	8-17	10-33	12-45	14-55	17-10	19-26	21-31	23-18	24-51	26-21	28-01	
15	22	5	5-59	8-13	10-29	12-41	14-51	17-06	19-22	21-27	23-14	24-47	26-17	27-57	
16	23	6	5-55	8-09	10-25	12-37	14-48	17-02	19-18	21-23	23-10	24-43	26-13	27-53	
17	24	7	5-51	8-05	10-21	12-33	14-44	16-58	19-14	21-19	23-06	24-39	26-09	27-49	
18	25	8	5-47	8-01	10-17	12-29	14-40	16-54	19-10	21-16	23-02	24-35	26-05	27-45	
19	26	9	5-44	7-57	10-13	12-25	14-36	16-50	19-06	21-12	22-58	24-31	26-01	27-42	
20	27	10	5-40	7-53	10-09	12-21	14-32	16-46	19-02	21-08	22-54	24-27	25-58	27-38	
21	28	11	5-36	7-49	10-05	12-17	14-28	16-43	18-59	21-04	22-50	24-23	25-54	27-34	
22	29	12	5-32	7-45	10-01	12-13	14-24	16-39	18-55	21-00	22-46	24-19	25-50	27-30	
23	30	13	5-28	7-41	9-57	12-09	14-20	16-35	18-51	20-56	22-42	24-15	25-46	27-26	
24	31	14	5-24	7-37	9-53	12-05	14-16	16-31	18-47	20-52	22-38	24-11	25-42	27-22	
(ni)Asar:															
25	1	15	5-20	7-33	9-49	12-01	14-12	16-27	18-43	20-48	22-35	24-07	25-38	27-18	
26	2	16	5-16	7-29	9-46	11-57	14-08	16-23	18-39	20-44	22-31	24-03	25-34	27-14	
(29-12)															
27	3	17	29-08	7-25	9-42	11-54	14-04	16-19	18-35	20-40	22-27	24-00	25-30	27-10	
28	4	18	29-04	7-22	9-38	11-50	14-00	16-15	18-31	20-36	22-23	23-56	25-26	27-06	
29	5	19	29-00	7-18	9-34	11-46	13-56	16-11	18-27	20-32	22-19	23-52	25-22	27-02	
30	6	20	28-56	7-14	9-30	11-42	13-52	16-07	18-23	20-28	22-15	23-48	25-18	26-58	
31	7	21	28-52	7-10	9-26	11-38	13-49	16-03	18-19	20-24	22-11	23-44	25-14	26-54	

BEGINNING OF LAGNAS

(For the Central Station of India)

ASHADHA

Date															
1941	5120	2019													
S.E.	K.E.	A.D.	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	
Asar. (ni)	Asar	June	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	
1	8	22	7-06	9-22	11-34	13-45	15-59	18-15	20-20	22-07	23-40	25-10	26-50	28-48	
2	9	23	7-02	9-18	11-30	13-41	15-55	18-11	20-17	22-03	23-36	25-06	26-46	28-45	
3	10	24	6-58	9-14	11-26	13-37	15-51	18-07	20-13	21-59	23-32	25-03	26-43	28-41	
4	11	25	6-54	9-10	11-22	13-33	15-47	18-03	20-09	21-55	23-28	24-59	26-39	28-37	
5	12	26	6-50	9-06	11-18	13-29	15-44	18-00	20-05	21-51	23-24	24-55	26-35	28-33	
6	13	27	6-46	9-02	11-14	13-25	15-40	17-56	20-01	21-47	23-20	24-51	26-31	28-29	
7	14	28	6-42	8-58	11-10	13-21	15-36	17-52	19-57	21-43	23-16	24-47	26-27	28-25	
8	15	29	6-38	8-54	11-06	13-17	15-32	17-48	19-53	21-39	23-12	24-43	26-23	28-21	
9	16	30	6-34	8-51	11-02	13-13	15-28	17-44	19-49	21-36	23-08	24-39	26-19	28-17	
July															
10	17	1	6-30	8-47	10-58	13-09	15-24	17-40	19-45	21-32	23-04	24-35	26-15	28-13	
11	18	2	6-27	8-43	10-55	13-05	15-20	17-36	19-41	21-28	23-01	24-31	26-11	28-09	
12	19	3	6-23	8-39	10-51	13-01	15-16	17-32	19-37	21-24	22-57	24-27	26-07	28-05	
13	20	4	6-19	8-35	10-47	12-57	15-12	17-28	19-33	21-20	22-53	24-23	26-03	28-01	
14	21	5	6-15	8-31	10-43	12-53	15-08	17-24	19-29	21-16	22-49	24-19	25-59	27-57	
15	22	6	6-11	8-27	10-39	12-50	15-04	17-20	19-25	21-12	22-45	24-15	25-55	27-53	
16	23	7	6-07	8-23	10-35	12-46	15-00	17-16	19-22	21-08	22-41	24-11	25-51	27-50	
17	24	8	6-03	8-19	10-31	12-42	14-56	17-12	19-18	21-04	22-37	24-07	25-47	27-46	
18	25	9	5-59	8-15	10-27	12-38	14-52	17-08	19-14	21-00	22-33	24-04	25-44	27-42	
19	26	10	5-55	8-11	10-23	12-34	14-48	17-04	19-10	20-56	22-29	24-00	25-40	27-38	
20	27	11	5-51	8-07	10-19	12-30	14-45	17-01	19-06	20-52	22-25	23-56	25-36	27-34	
21	28	12	5-47	8-03	10-15	12-26	14-41	16-57	19-02	20-48	22-21	23-52	25-32	27-30	
22	29	13	5-43	7-59	10-11	12-22	14-37	16-53	18-58	20-44	22-17	23-48	25-28	27-26	
23	30	14	5-39	7-55	10-07	12-18	14-33	16-49	18-54	20-41	22-13	23-44	25-24	27-22	
24	31	15	5-35	7-52	10-03	12-14	14-29	16-45	18-50	20-37	22-09	23-40	25-20	27-18	
(ni)Srvn.															
25	1	16	5-31	7-48	10-00	12-10	14-25	16-41	18-46	20-33	22-06	23-36	25-16	27-14	
26	2	17	5-28	7-44	9-56	12-06	14-21	16-37	18-42	20-29	22-02	23-32	25-12	27-10	
(29-24)															
27	3	18	29-20	7-40	9-52	12-02	14-17	16-33	18-38	20-25	21-58	23-28	25-08	27-06	
28	4	19	29-16	7-36	9-48	11-58	14-13	16-29	18-34	20-21	21-54	23-24	25-04	27-02	
29	5	20	29-12	7-32	9-44	11-55	14-09	16-25	18-30	20-17	21-50	23-20	25-00	26-58	
30	6	21	29-08	7-28	9-40	11-51	14-05	16-21	18-26	20-13	21-46	23-16	24-56	26-54	
31	7	22	29-04	7-24	9-36	11-47	14-01	16-17	18-23	20-09	21-42	23-12	24-52	26-51	

BEGINNING OF LAGNAS

(For the Central Station of India)

SRAVANA

Date														
1941	5120	2019	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata
S.E.	K.E.	A.D.												
Srvn. (ni)	Srvn.	July	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	23	7-20	9-32	11-43	13-57	16-13	18-19	20-05	21-38	23-08	24-49	26-47	29-00
2	9	24	7-16	9-28	11-39	13-53	16-09	18-15	20-01	21-34	23-05	24-45	26-43	28-56
3	10	25	7-12	9-24	11-35	13-50	16-06	18-11	19-57	21-30	23-01	24-41	26-39	28-52
4	11	26	7-08	9-20	11-31	13-46	16-02	18-07	19-53	21-26	22-57	24-37	26-35	28-48
5	12	27	7-04	9-16	11-27	13-42	15-58	18-03	19-49	21-22	22-53	24-33	26-31	28-44
6	13	28	7-00	9-12	11-23	13-38	15-54	17-59	19-45	21-18	22-49	24-29	26-27	28-40
7	14	29	6-56	9-08	11-19	13-34	15-50	17-55	19-42	21-14	22-45	24-25	26-23	28-36
8	15	30	6-53	9-04	11-15	13-30	15-46	17-51	19-38	21-10	22-41	24-21	26-19	28-32
9	16	31	6-49	9-01	11-11	13-26	15-42	17-47	19-34	21-07	22-37	24-17	26-15	28-29
Aug.														
10	17	1	6-45	8-57	11-07	13-22	15-38	17-43	19-30	21-03	22-33	24-13	26-11	28-25
11	18	2	6-41	8-53	11-03	13-18	15-34	17-39	19-26	20-59	22-29	24-09	26-07	28-21
12	19	3	6-37	8-49	10-59	13-14	15-30	17-35	19-22	20-55	22-25	24-05	26-03	28-17
13	20	4	6-33	8-45	10-56	13-10	15-26	17-31	19-18	20-51	22-21	24-01	25-59	28-13
14	21	5	6-29	8-41	10-52	13-06	15-22	17-27	19-14	20-47	22-17	23-57	25-55	28-09
15	22	6	6-25	8-37	10-48	13-02	15-18	17-24	19-10	20-43	22-13	23-53	25-52	28-05
16	23	7	6-21	8-33	10-44	12-58	15-14	17-20	19-06	20-39	22-10	23-50	25-48	28-01
17	24	8	6-17	8-29	10-40	12-54	15-10	17-16	19-02	20-35	22-06	23-46	25-44	27-57
18	25	9	6-13	8-25	10-36	12-51	15-07	17-12	18-58	20-31	22-02	23-42	25-40	27-53
19	26	10	6-09	8-21	10-32	12-47	15-03	17-08	18-54	20-27	21-58	23-38	25-36	27-49
20	27	11	6-05	8-17	10-28	12-43	14-59	17-04	18-50	20-23	21-54	23-34	25-32	27-45
21	28	12	6-01	8-13	10-24	12-39	14-55	17-00	18-46	20-19	21-50	23-30	25-28	27-41
22	29	13	5-58	8-09	10-20	12-35	14-51	16-56	18-43	20-15	21-46	23-26	25-24	27-37
23	30	14	5-54	8-05	10-16	12-31	14-47	16-52	18-39	20-11	21-42	23-22	25-20	27-34
24	31	15	5-50	8-02	10-12	12-27	14-43	16-48	18-35	20-08	21-38	23-18	25-16	27-30
(ni)Bhdr.														
25	1	16	5-46	7-58	10-08	12-23	14-39	16-44	18-31	20-04	21-34	23-14	25-12	27-26
26	2	17	5-42	7-54	10-04	12-19	14-35	16-40	18-27	20-00	21-30	23-10	25-08	27-22
27	3	18	5-38	7-50	10-01	12-15	14-31	16-36	18-23	19-56	21-26	23-06	25-04	27-18
(29-34)														
28	4	19	29-30	7-46	9-57	12-11	14-27	16-32	18-19	19-52	21-22	23-02	25-00	27-14
29	5	20	29-26	7-42	9-53	12-07	14-23	16-29	18-15	19-48	21-18	22-58	24-57	27-10
30	6	21	29-22	7-38	9-49	12-03	14-19	16-25	18-11	19-44	21-14	22-55	24-53	27-06
31	7	22	29-18	7-34	9-45	11-59	14-15	16-21	18-07	19-40	21-11	22-51	24-49	27-02

BEGINNING OF LAGNAS

(For the Central Station of India)

BHADRA

Date														
1941	5120	2019	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha
S.E.	K.E.	A.D.												
Bhdr.	(ni)Bhdr.	Aug.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	23	7-30	9-41	11-55	14-12	16-17	18-03	19-36	21-07	22-47	24-45	26-58	29-14
2	9	24	7-26	9-37	11-52	14-08	16-13	17-59	19-32	21-03	22-43	24-41	26-54	29-10
3	10	25	7-22	9-33	11-48	14-04	16-09	17-55	19-28	20-59	22-39	24-37	26-50	29-06
4	11	26	7-18	9-29	11-44	14-00	16-05	17-51	19-24	20-55	22-35	24-33	26-46	29-02
5	12	27	7-14	9-25	11-40	13-56	16-01	17-48	19-20	20-51	22-31	24-29	26-42	28-59
6	13	28	7-10	9-21	11-36	13-52	15-57	17-44	19-16	20-47	22-27	24-25	26-38	28-55
7	14	29	7-07	9-17	11-32	13-48	15-53	17-40	19-13	20-43	22-23	24-21	26-35	28-51
8	15	30	7-03	9-13	11-28	13-44	15-49	17-36	19-09	20-39	22-19	24-17	26-31	28-47
9	16	31	6-59	9-09	11-24	13-40	15-45	17-32	19-05	20-35	22-15	24-13	26-27	28-43
		Sept.												
10	17	1	6-55	9-05	11-20	13-36	15-41	17-28	19-01	20-31	22-11	24-09	26-23	28-39
11	18	2	6-51	9-02	11-16	13-32	15-37	17-24	18-57	20-27	22-07	24-05	26-19	28-35
12	19	3	6-47	8-58	11-12	13-28	15-33	17-20	18-53	20-23	22-03	24-01	26-15	28-31
13	20	4	6-43	8-54	11-08	13-24	15-30	17-16	18-49	20-19	21-59	23-58	26-11	28-27
14	21	5	6-39	8-50	11-04	13-20	15-26	17-12	18-45	20-15	21-56	23-54	26-07	28-23
15	22	6	6-35	8-46	11-00	13-16	15-22	17-08	18-41	20-12	21-52	23-50	26-03	28-19
16	23	7	6-31	8-42	10-57	13-13	15-18	17-04	18-37	20-08	21-48	23-46	25-59	28-15
17	24	8	6-27	8-38	10-53	13-09	15-14	17-00	18-33	20-04	21-44	23-42	25-55	28-11
18	25	9	6-23	8-34	10-49	13-05	15-10	16-56	18-29	20-00	21-40	23-38	25-51	28-07
19	26	10	6-19	8-30	10-45	13-01	15-06	16-52	18-25	19-56	21-36	23-34	25-47	28-03
20	27	11	6-15	8-26	10-41	12-57	15-02	16-49	18-21	19-52	21-32	23-30	25-43	28-00
21	28	12	6-11	8-22	10-37	12-53	14-58	16-45	18-17	19-48	21-28	23-26	25-39	27-56
22	29	13	6-08	8-18	10-33	12-49	14-54	16-41	18-14	19-44	21-24	23-22	25-36	27-52
23	30	14	6-04	8-14	10-29	12-45	14-50	16-37	18-10	19-40	21-20	23-18	25-32	27-48
24	31	15	6-00	8-10	10-25	12-41	14-46	16-33	18-06	19-36	21-16	23-14	25-28	27-44
		(ni)Asvn.												
25	1	16	5-56	8-06	10-21	12-37	14-42	16-29	18-02	19-32	21-12	23-10	25-24	27-40
26	2	17	5-52	8-03	10-17	12-33	14-38	16-25	17-58	19-28	21-08	23-06	25-20	27-36
27	3	18	5-48	7-59	10-13	12-29	14-34	16-21	17-54	19-24	21-04	23-02	25-16	27-32
		(29-44)												
28	4	19	29-40	7-55	10-09	12-25	14-31	16-17	17-50	19-20	21-00	22-59	25-12	27-28
29	5	20	29-36	7-51	10-05	12-21	14-27	16-13	17-46	19-17	20-57	22-55	25-08	27-24
30	6	21	29-32	7-47	10-01	12-17	14-23	16-09	17-42	19-13	20-53	22-51	25-04	27-20
31	7	22	29-28	7-43	9-58	12-14	14-19	16-05	17-38	19-09	20-49	22-47	25-00	27-16

BEGINNING OF LAGNAS

(For the Central Station of India)

ASVINA

Date														
1941	5120	2019	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya
S.E.	K.E.	A.D.												
Asvn. (ni)Asvn.	Sept	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	23	7-39	9-54	12-10	14-15	16- 1	17-34	19-05	20-45	22-43	24-56	27-12	29-24
2	9	24	7-35	9-50	12-06	14-11	15-57	17-30	19-01	20-41	22-39	24-52	27-08	29-20
3	10	25	7-31	9-46	12-02	14-07	15-53	17-26	18-57	20-37	22-35	24-48	27-05	29-16
4	11	26	7-27	9-42	11-58	14-03	15-50	17-22	18-53	20-33	22-31	24-44	27-01	29-12
5	12	27	7-23	9-38	11-54	13-59	15-46	17-18	18-49	20-29	22-27	24-41	26-57	29-09
6	13	28	7-19	9-34	11-50	13-55	15-42	17-15	18-45	20-25	22-23	24-37	26-53	29-05
7	14	29	7-15	9-30	11-46	13-51	15-38	17-11	18-41	20-21	22-19	24-33	26-49	29-01
8	15	30	7-11	9-26	11-42	13-47	15-34	17-07	18-37	20-17	22-15	24-29	26-45	28-57
Oct.														
9	16	1	7-08	9-22	11-38	13-43	15-30	17-03	18-33	20-13	22-11	24-25	26-41	28-53
10	17	2	7-04	9-18	11-34	13-39	15-26	16-59	18-29	20-09	22-07	24-21	26-37	28-49
11	18	3	7-00	9-14	11-30	13-36	15-22	16-55	18-25	20-05	22-04	24-17	26-33	28-45
12	19	4	6-56	9-10	11-26	13-32	15-18	16-51	18-21	20-02	22-00	24-13	26-29	28-41
13	20	5	6-52	9-06	11-22	13-28	15-14	16-47	18-18	19-58	21-56	24-09	26-25	28-37
14	21	6	6-48	9-02	11-19	13-24	15-10	16-43	18-14	19-54	21-52	24-05	26-21	28-33
15	22	7	6-44	8-59	11-15	13-20	15-06	16-39	18-10	19-50	21-48	24-01	26-17	28-29
16	23	8	6-40	8-55	11-11	13-16	15-02	16-35	18-06	19-46	21-44	23-57	26-13	28-25
17	24	9	6-36	8-51	11-07	13-12	14-58	16-31	18-02	19-42	21-40	23-53	26-09	28-21
18	25	10	6-32	8-47	11-03	13-08	14-55	16-27	17-58	19-38	21-36	23-49	26-06	28-17
19	26	11	6-28	8-43	10-59	13-04	14-51	16-23	17-54	19-34	21-32	23-45	26-02	28-14
20	27	12	6-24	8-39	10-55	13-00	14-47	16-20	17-50	19-30	21-28	23-42	25-58	28-10
21	28	13	6-20	8-35	10-51	12-56	14-43	16-16	17-46	19-26	21-24	23-38	25-54	28-06
22	29	14	6-16	8-31	10-47	12-52	14-39	16-12	17-42	19-22	21-20	23-34	25-50	28-02
23	30	15	6-12	8-27	10-43	12-48	14-35	16-08	17-38	19-18	21-16	23-30	25-46	27-58
(ni)Krtk.														
24	1	16	6-09	8-23	10-39	12-44	14-31	16-04	17-34	19-14	21-12	23-26	25-42	27-54
25	2	17	6-05	8-19	10-35	12-40	14-27	16-900	17-30	19-10	21-08	23-22	25-38	27-50
26	3	18	6-01	8-15	10-31	12-37	14-23	15-56	17-26	19-06	21-05	23-18	25-34	27-46
(29-57)														
27	4	19	29-53	8-11	10-27	12-33	14-19	15-52	17-22	19-03	21-01	23-14	25-30	27-42
28	5	20	29-49	8-07	10-23	12-29	14-15	15-48	17-19	18-59	20-57	23-10	25-26	27-38
29	6	21	29-45	8-04	10-20	12-25	14-11	15-44	17-15	18-55	20-53	23-06	25-22	27-34
30	7	22	29-41	8-00	10-16	12-21	14-07	15-40	17-11	18-51	20-49	23-02	25-18	27-30

BEGINNING OF LAGNAS

(For the Central Station of India)

KARTIKA

Date														
1941	5120	2019	Vrischika	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula
S.E.	K.E.	A.D.												
Krtk. (ni)	Krtk.	Oct.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	23	7-56	10-12	12-17	14-03	15-36	17-07	18-47	20-45	22-58	25-14	27-26	29-37
2	9	24	7-52	10-08	12-13	13-59	15-32	17-03	18-43	20-41	22-54	25-11	27-22	29-33
3	10	25	7-48	10-04	12-09	13-56	15-28	16-59	18-39	20-37	22-50	25-07	27-18	29-29
4	11	26	7-44	10-00	12-05	13-52	15-24	16-55	18-35	20-33	22-47	25-03	27-15	29-25
5	12	27	7-40	9-56	12-01	13-48	15-21	16-51	18-31	20-29	22-43	24-59	27-11	29-21
6	13	28	7-36	9-52	11-57	13-44	15-17	16-47	18-27	20-25	22-39	24-55	27-07	29-17
7	14	29	7-32	9-48	11-53	13-40	15-13	16-43	18-23	20-21	22-35	24-51	27-03	29-13
8	15	30	7-28	9-44	11-49	13-36	15-09	16-39	18-19	20-17	22-31	24-47	26-59	29-10
9	16	31	7-24	9-40	11-45	13-32	15-05	16-35	18-15	20-13	22-27	24-43	26-55	29-06
			Nov.											
10	17	1	7-20	9-36	11-41	13-28	15-01	16-31	18-11	20-09	22-23	24-39	26-51	29-02
11	18	2	7-16	9-32	11-38	13-24	14-57	16-27	18-07	20-06	22-19	24-35	26-47	28-58
12	19	3	7-12	9-28	11-34	13-20	14-53	16-24	18-04	20-02	22-15	24-31	26-43	28-54
13	20	4	7-08	9-24	11-30	13-16	14-49	16-20	18-00	19-58	22-11	24-27	26-39	28-50
14	21	5	7-05	9-21	11-26	13-12	14-45	16-16	17-56	19-54	22-07	24-23	26-35	28-46
15	22	6	7-01	9-17	11-22	13-08	14-41	16-12	17-52	19-50	22-03	24-19	26-31	28-42
16	23	7	6-57	9-13	11-18	13-04	14-37	16-08	17-48	19-46	21-59	24-15	26-27	28-38
17	24	8	6-53	9-09	11-14	13-00	14-33	16-04	17-44	19-42	21-55	24-12	26-23	28-34
18	25	9	6-49	9-05	11-10	12-57	14-29	16-00	17-40	19-38	21-51	24-08	26-19	28-30
19	26	10	6-45	9-01	11-06	12-53	14-26	15-56	17-36	19-34	21-48	24-04	26-16	28-26
20	27	11	6-41	8-57	11-02	12-49	14-22	15-52	17-32	19-30	21-44	24-00	26-12	28-22
21	28	12	6-37	8-53	10-58	12-45	14-18	15-48	17-28	19-26	21-40	23-56	26-08	28-18
22	29	13	6-33	8-49	10-54	12-41	14-14	15-44	17-24	19-22	21-36	23-52	26-04	28-15
23	30	14	6-29	8-45	10-50	12-37	14-10	15-40	17-20	19-18	21-32	23-48	26-00	28-11
			(ni)Aghn.											
24	1	15	6-25	8-41	10-46	12-33	14-06	15-36	17-16	19-14	21-28	23-44	25-56	28-07
25	2	16	6-21	8-37	10-43	12-29	14-02	15-32	17-12	19-11	21-24	23-40	25-52	28-03
26	3	17	6-17	8-33	10-39	12-25	13-58	15-28	17-09	19-07	21-20	23-36	25-48	27-59
			(30-13)											
27	4	18	30-10	8-29	10-35	12-21	13-54	15-25	17-05	19-03	21-16	23-32	25-44	27-55
28	5	19	30-06	8-26	10-31	12-17	13-50	15-21	17-01	18-59	21-12	23-28	25-40	27-51
29	6	20	30-02	8-22	10-27	12-13	13-46	15-17	16-57	18-55	21-08	23-24	25-36	27-47
30	7	21	29-58	8-18	10-23	12-09	13-42	15-13	16-53	18-51	21-04	23-20	25-32	27-43

BEGINNING OF LAGNAS

(For the Central Station of India)

AGRAHAYANA

Date														
1941	5120	2019	Dhanus	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika
S.E.	K.E.	A.D.												
Aghn. (ni)	Aghn.	Nov.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	22	8-14	10-19	12-05	13-38	15-09	16-49	18-47	21-00	23-16	25-28	27-39	29-54
2	9	23	8-10	10-15	12-02	13-34	15-05	16-45	18-43	20-56	23-13	25-24	27-35	29-50
3	10	24	8-06	10-11	11-58	13-30	15-01	16-41	18-39	20-52	23-09	25-21	27-31	29-46
4	11	25	8-02	10-07	11-54	13-27	14-57	16-37	18-35	20-49	23-05	25-17	27-27	29-42
5	12	26	7-58	10-03	11-50	13-23	14-53	16-33	18-31	20-45	23-01	25-13	27-23	29-38
6	13	27	7-54	9-59	11-46	13-19	14-49	16-29	18-27	20-41	22-57	25-09	27-19	29-34
7	14	28	7-50	9-55	11-42	13-15	14-45	16-25	18-23	20-37	22-53	25-05	27-16	29-30
8	15	29	7-46	9-51	11-38	13-11	14-41	16-21	18-19	20-33	22-49	25-01	27-12	29-26
9	16	30	7-42	9-47	11-34	13-07	14-37	16-17	18-15	20-29	22-45	24-57	27-08	29-22
Dec														
10	17	1	7-38	9-44	11-30	13-03	14-33	16-13	18-12	20-25	22-41	24-53	27-04	29-18
11	18	2	7-34	9-40	11-26	12-59	14-29	16-10	18-08	20-21	22-37	24-49	27-00	29-14
12	19	3	7-30	9-36	11-22	12-55	14-26	16-06	18-04	20-17	22-33	24-45	26-56	29-11
13	20	4	7-27	9-32	11-18	12-51	14-22	16-02	18-00	20-13	22-29	24-41	26-52	29-07
14	21	5	7-23	9-28	11-14	12-47	14-18	15-58	17-56	20-09	22-25	24-37	26-48	29-03
15	22	6	7-19	9-24	11-10	12-43	14-14	15-54	17-52	20-05	22-21	24-33	26-44	28-59
16	23	7	7-15	9-20	11-06	12-39	14-10	15-50	17-48	20-01	22-18	24-29	26-40	28-55
17	24	8	7-11	9-16	11-03	12-35	14-06	15-46	17-44	19-57	22-14	24-25	26-36	28-51
18	25	9	7-07	9-12	10-59	12-31	14-02	15-42	17-40	19-54	22-10	24-22	26-32	28-47
19	26	10	7-03	9-08	10-55	12-28	13-58	15-38	17-36	19-50	22-06	24-18	26-28	28-43
20	27	11	6-59	9-04	10-51	12-24	13-54	15-34	17-32	19-46	22-02	24-14	26-24	28-39
21	28	12	6-55	9-00	10-47	12-20	13-50	15-30	17-28	19-42	21-58	24-10	26-20	28-35
22	29	13	6-51	8-56	10-43	12-16	13-46	15-26	17-24	19-38	21-54	24-06	26-17	28-31
23	30	14	6-47	8-52	10-39	12-12	13-42	15-22	17-20	19-34	21-50	24-02	26-13	28-27
(ni)Paus.														
24	1	15	6-43	8-49	10-35	12-08	13-38	15-18	17-17	19-30	21-46	23-58	26-09	28-23
25	2	16	6-39	8-45	10-31	12-04	13-34	15-14	17-13	19-26	21-42	23-54	26-05	28-19
26	3	17	6-35	8-41	10-27	12-00	13-31	15-11	17-09	19-22	21-38	23-50	26-01	28-15
(30-31)														
27	4	18	30-28	8-37	10-23	11-56	13-27	15-07	17-05	19-18	21-34	23-46	25-57	28-12
28	5	19	30-24	8-33	10-19	11-52	13-23	15-03	17-01	19-14	21-30	23-42	25-53	28-08
29	6	20	30-20	8-29	10-15	11-48	13-19	14-59	16-57	19-10	21-26	23-38	25-49	28-04
30	7	21	30-16	8-25	10-11	11-44	13-15	14-55	16-53	19-06	21-22	23-34	25-45	28-00

BEGINNING OF LAGNAS

(For the Central Station of India)

PAUSHA

Date														
1941	5120	2019												
S.E.	K.E.	A.D.	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus
Paus.	(ni)Paus	Dec.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	22	8-21	10-08	11-40	13-11	14-51	16-49	19-02	21-19	23-30	25-41	27-56	30-12
2	9	23	8-17	10-04	11-36	13-07	14-47	16-45	18-58	21-15	23-27	25-37	27-52	30-08
3	10	24	8-13	10-00	11-33	13-03	14-43	16-41	18-55	21-11	23-23	25-33	27-48	30-04
4	11	25	8-09	9-56	11-29	12-59	14-39	16-37	18-51	21-07	23-19	25-29	27-44	30-00
5	12	26	8-05	9-52	11-25	12-55	14-35	16-33	18-47	21-03	23-15	25-25	27-40	29-56
6	13	27	8-01	9-48	11-21	12-51	14-31	16-29	18-43	20-59	23-11	25-22	27-36	29-52
7	14	28	7-57	9-44	11-17	12-47	14-27	16-25	18-39	20-55	23-07	25-18	27-32	29-48
8	15	29	7-53	9-40	11-13	12-43	14-23	16-21	18-35	20-51	23-03	25-14	27-28	29-44
9	16	30	7-50	9-36	11-09	12-39	14-19	16-18	18-31	20-47	22-59	25-10	27-24	29-40
10	17	31	7-46	9-32	11-05	12-35	14-16	16-14	18-27	20-43	22-55	25-06	27-20	29-36
Jan.'20														
11	18	1	7-42	9-28	11-01	12-32	14-12	16-10	18-23	20-39	22-51	25-02	27-17	29-33
12	19	2	7-38	9-24	10-57	12-28	14-08	16-06	18-19	20-35	22-47	24-58	27-13	29-29
13	20	3	7-34	9-20	10-53	12-24	14-04	16-02	18-15	20-31	22-43	24-54	27-09	29-25
14	21	4	7-30	9-16	10-49	12-20	14-00	15-58	18-11	20-27	22-39	24-50	27-05	29-21
15	22	5	7-26	9-12	10-45	12-16	13-56	15-54	18-07	20-23	22-35	24-46	27-01	29-17
16	23	6	7-22	9-09	10-41	12-12	13-52	15-50	18-03	20-20	22-31	24-42	26-57	29-13
17	24	7	7-18	9-05	10-37	12-08	13-48	15-46	17-59	20-16	22-28	24-38	26-53	29-09
18	25	8	7-14	9-01	10-34	12-04	13-44	15-42	17-56	20-12	22-24	24-34	26-49	29-05
19	26	9	7-10	8-57	10-30	12-00	13-40	15-38	17-52	20-08	22-20	24-30	26-45	29-01
20	27	10	7-06	8-53	10-26	11-56	13-36	15-34	17-48	20-04	22-16	24-26	26-41	28-57
21	28	11	7-02	8-49	10-22	11-52	13-32	15-30	17-44	20-00	22-12	24-23	26-37	28-53
22	29	12	6-58	8-45	10-18	11-48	13-28	15-26	17-40	19-56	22-08	24-19	26-33	28-49
23	30	13	6-54	8-41	10-14	11-44	13-24	15-22	17-36	19-52	22-04	24-15	26-29	28-45
(ni)Magh.														
24	1	14	6-51	8-37	10-10	11-40	13-20	15-19	17-32	19-48	22-00	24-11	26-25	28-41
25	2	15	6-47	8-33	10-06	11-37	13-17	15-15	17-28	19-44	21-56	24-07	26-21	28-37
(30-43)														
26	3	16	30-39	8-29	10-02	11-33	13-13	15-11	17-24	19-40	21-52	24-03	26-18	28-34
27	4	17	30-35	8-25	9-58	11-29	13-09	15-07	17-20	19-36	21-48	23-59	26-14	28-30
28	5	18	30-31	8-21	9-54	11-25	13-05	15-03	17-16	19-32	21-44	23-55	26-10	28-26
29	6	19	30-27	8-17	9-50	11-21	13-01	14-59	17-12	19-28	21-40	23-51	26-06	28-22
30	7	20	30-23	8-13	9-46	11-17	12-57	14-55	17-08	19-25	21-36	23-47	26-02	28-18

BEGINNING OF LAGNAS

(For the Central Station of India)

MAGHA

Date														
1941	5120	2020	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara
S.E.	K.E.	A.D.												
Magh.(ni)Magh	Jan.		h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	21	8-10	9-42	11-13	12-53	14-51	17-04	19-21	21-32	23-43	25-58	28-14	30-19
2	9	22	8-06	9-38	11-09	12-49	14-47	17-01	19-17	21-29	23-39	25-54	28-10	30-15
3	10	23	8-02	9-35	11-05	12-45	14-43	16-57	19-13	21-25	23-35	25-50	28-06	30-11
4	11	24	7-58	9-31	11-01	12-41	14-39	16-53	19-09	21-21	23-31	25-46	28-02	30-07
5	12	25	7-54	9-27	10-57	12-37	14-35	16-49	19-05	21-17	23-28	25-42	27-58	30-03
6	13	26	7-50	9-23	10-53	12-33	14-31	16-45	19-01	21-13	23-24	25-38	27-54	29-59
7	14	27	7-46	9-19	10-49	12-29	14-27	16-41	18-57	21-09	23-20	25-34	27-50	29-56
8	15	28	7-42	9-15	10-45	12-25	14-24	16-37	18-53	21-05	23-16	25-30	27-46	29-52
9	16	29	7-38	9-11	10-41	12-22	14-20	16-33	18-49	21-01	23-12	25-26	27-42	29-48
10	17	30	7-34	9-07	10-38	12-18	14-16	16-29	18-45	20-57	23-08	25-22	27-39	29-44
11	18	31	7-30	9-03	10-34	12-14	14-12	16-25	18-41	20-53	23-04	25-19	27-35	29-40
Feb.														
12	19	1	7-26	8-59	10-30	12-10	14-08	16-21	18-37	20-49	23-00	25-15	27-31	29-36
13	20	2	7-22	8-55	10-26	12-06	14-04	16-17	18-33	20-45	22-56	25-11	27-27	29-32
14	21	3	7-18	8-51	10-22	12-02	14-00	16-13	18-29	20-41	22-52	25-07	27-23	29-28
15	22	4	7-15	8-47	10-18	11-58	13-56	16-09	18-26	20-37	22-48	25-03	27-19	29-24
16	23	5	7-11	8-43	10-14	11-54	13-52	16-05	18-22	20-34	22-44	24-59	27-15	29-20
17	24	6	7-07	8-40	10-10	11-50	13-48	16-02	18-18	20-30	22-40	24-55	27-11	29-16
18	25	7	7-03	8-36	10-06	11-46	13-44	15-58	18-14	20-26	22-36	24-51	27-07	29-12
19	26	8	6-59	8-32	10-02	11-42	13-40	15-54	18-10	20-22	22-32	24-47	27-03	29-08
20	27	9	6-55	8-28	9-58	11-38	13-36	15-50	18-06	20-18	22-29	24-43	26-59	29-04
21	28	10	6-51	8-24	9-54	11-34	13-32	15-46	18-02	20-14	22-25	24-39	26-55	29-00
22	29	11	6-47	8-20	9-50	11-30	13-28	15-42	17-58	20-10	22-21	24-35	26-51	28-57
23	30	12	6-43	8-16	9-46	11-26	13-25	15-38	17-54	20-06	22-17	24-31	26-47	28-53
(ni)Phgn.														
24	1	13	6-39	8-12	9-42	11-23	13-21	15-34	17-50	20-02	22-13	24-27	26-43	28-49
25	2	14	6-35	8-08	9-39	11-19	13-17	15-30	17-46	19-58	22-09	24-24	26-40	28-45
(30-31)														
26	3	15	30-27	8-04	9-35	11-15	13-13	15-26	17-42	19-54	22-05	24-20	26-36	28-41
27	4	16	30-23	8-00	9-31	11-11	13-09	15-22	17-38	19-50	22-01	24-16	26-32	28-37
28	5	17	30-19	7-56	9-27	11-07	13-05	15-18	17-34	19-46	21-57	24-12	26-28	28-33
29	6	18	30-16	7-52	9-23	11-03	13-01	15-14	17-31	19-42	21-53	24-08	26-24	28-29
30	7	19	30-12	7-48	9-19	10-59	12-57	15-10	17-27	19-38	21-49	24-04	26-20	28-25

BEGINNING OF LAGNAS

(For the Central Station of India)

PHALGUNA

Date														
1941	5120	2020												
S.E.	K.E.	A.D.	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha
Phgn.	(ni)Phgn.	Feb.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
1	8	20	7-44	9-15	10-55	12-53	15-07	17-23	19-35	21-45	24-00	26-16	28-21	30-08
2	9	21	7-41	9-11	10-51	12-49	15-03	17-19	19-31	21-41	23-56	26-12	28-17	30-04
3	10	22	7-37	9-07	10-47	12-45	14-59	17-15	19-27	21-37	23-52	26-08	28-13	30-00
4	11	23	7-33	9-03	10-43	12-41	14-55	17-11	19-23	21-33	23-48	26-04	28-09	29-56
5	12	24	7-29	8-59	10-39	12-37	14-51	17-07	19-19	21-30	23-44	26-00	28-05	29-52
6	13	25	7-25	8-55	10-35	12-33	14-47	17-03	19-15	21-26	23-40	25-56	28-01	29-48
7	14	26	7-21	8-51	10-31	12-29	14-43	16-59	19-11	21-22	23-36	25-52	27-58	29-44
8	15	27	7-17	8-47	10-27	12-26	14-39	16-55	19-07	21-18	23-32	25-48	27-54	29-40
9	16	28	7-13	8-44	10-24	12-22	14-35	16-51	19-03	21-14	23-28	25-44	27-50	29-36
10	17	29	7-09	8-40	10-20	12-18	14-31	16-47	18-59	21-10	23-25	25-41	27-46	29-32
Mar.														
11	18	1	7-05	8-36	10-16	12-14	14-27	16-43	18-55	21-06	23-21	25-37	27-42	29-28
12	19	2	7-01	8-32	10-12	12-10	14-23	16-39	18-51	21-02	23-17	25-33	27-38	29-24
13	20	3	6-57	8-28	10-08	12-06	14-19	16-35	18-47	20-58	23-13	25-29	27-34	29-20
14	21	4	6-53	8-24	10-04	12-02	14-15	16-32	18-43	20-54	23-09	25-25	27-30	29-17
15	22	5	6-49	8-20	10-00	11-58	14-11	16-28	18-39	20-50	23-05	25-21	27-26	29-13
16	23	6	6-45	8-16	9-56	11-54	14-08	16-24	18-36	20-46	23-01	25-17	27-22	29-09
17	24	7	6-42	8-12	9-52	11-50	14-04	16-20	18-32	20-42	22-57	25-13	27-18	29-05
18	25	8	6-38	8-08	9-48	11-46	14-00	16-16	18-28	20-38	22-53	25-09	27-14	29-01
19	26	9	6-34	8-04	9-44	11-42	13-56	16-12	18-24	20-35	22-49	25-05	27-10	28-57
20	27	10	6-30	8-00	9-40	11-38	13-52	16-08	18-20	20-31	22-45	25-01	27-06	28-53
21	28	11	6-26	7-56	9-36	11-34	13-48	16-04	18-16	20-27	22-41	24-57	27-03	28-49
22	29	12	6-22	7-52	9-32	11-31	13-44	16-00	18-12	20-23	22-37	24-53	26-59	28-45
23	30	13	6-18	7-48	9-29	11-27	13-40	15-56	18-08	20-19	22-33	24-49	26-55	28-41
24	31	14	6-14	7-45	9-25	11-23	13-36	15-52	18-04	20-15	22-30	24-46	26-51	28-37
(ni)Chtr.														
25	1	15	6-10	7-41	9-21	11-19	13-32	15-48	18-00	20-11	22-26	24-42	26-47	28-33
(30-06)														
26	2	16	30-02	7-37	9-17	11-15	13-28	15-44	17-56	20-07	22-22	24-38	26-43	28-29
27	3	17	29-58	7-33	9-13	11-11	13-24	15-40	17-52	20-03	22-18	24-34	26-39	28-25
28	4	18	29-54	7-29	9-09	11-07	13-20	15-36	17-48	19-59	22-14	24-30	26-35	28-22
29	5	19	29-50	7-25	9-05	11-03	13-16	15-33	17-44	19-55	22-10	24-26	26-31	28-18
30	6	20	29-46	7-21	9-01	10-59	13-12	15-29	17-41	19-51	22-06	24-22	26-27	28-14

BEGINNING OF LAGNAS

(For the Central Station of India)

CHAITRA

Date															
1942	5120	2020													
S.E.	K.E.	A.D.	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vrischika	Dhanus	Makara	Kumbha	Mina	
Chtr. (ni)Chtr.	Mar.	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	
1	7	21	7-17	8-57	10-55	13-09	15-25	17-37	19-47	22-02	24-18	26-23	28-10	29-43	
2	8	22	7-13	8-53	10-51	13-05	15-21	17-33	19-43	21-58	24-14	26-19	28-06	29-39	
3	9	23	7-09	8-49	10-47	13-01	15-17	17-29	19-39	21-54	24-10	26-15	28-02	29-35	
4	10	24	7-05	8-45	10-43	12-57	15-13	17-25	19-36	21-50	24-06	26-11	27-58	29-31	
5	11	25	7-01	8-41	10-39	12-53	15-09	17-21	19-32	21-46	24-02	26-07	27-54	29-27	
6	12	26	6-57	8-37	10-35	12-49	15-05	17-17	19-28	21-42	23-58	26-04	27-50	29-23	
7	13	27	6-53	8-33	10-32	12-45	15-01	17-13	19-24	21-38	23-54	26-00	27-46	29-19	
8	14	28	6-49	8-30	10-28	12-41	14-57	17-09	19-20	21-34	23-50	25-56	27-42	29-15	
9	15	29	6-46	8-26	10-24	12-37	14-53	17-05	19-16	21-31	23-47	25-52	27-38	29-11	
10	16	30	6-42	8-22	10-20	12-33	14-49	17-01	19-12	21-27	23-43	25-48	27-34	29-07	
11	17	31	6-38	8-18	10-16	12-29	14-45	16-57	19-08	21-23	23-39	25-44	27-30	29-03	
Apr.															
12	18	1	6-34	8-14	10-12	12-25	14-41	16-53	19-04	21-19	23-35	25-40	27-26	28-59	
13	19	2	6-30	8-10	10- 8	12-21	14-38	16-49	19-00	21-15	23-31	25-36	27-23	28-55	
14	20	3	6-26	8-06	10-04	12-17	14-34	16-45	18-56	21-11	23-27	25-32	27-19	28-51	
15	21	4	6-22	8-02	10-00	12-14	14-30	16-42	18-52	21-07	23-23	25-28	27-15	28-48	
16	22	5	6-18	7-58	9-56	12-10	14-26	16-38	18-48	21-03	23-19	25-24	27-11	28-44	
17	23	6	6-14	7-54	9-52	12-06	14-22	16-34	18-44	20-59	23-15	25-20	27-07	28-40	
18	24	7	6-10	7-50	9-48	12-02	14-18	16-30	18-40	20-55	23-11	25-16	27-03	28-36	
19	25	8	6-06	7-46	9-44	11-58	14-14	16-26	18-37	20-51	23-07	25-12	26-59	28-32	
20	26	9	6-02	7-42	9-40	11-54	14-10	16-22	18-33	20-47	23-03	25-08	26-55	28-28	
21	27	10	5-58	7-38	9-37	11-50	14-06	16-18	18-29	20-43	22-59	25-05	26-51	28-24	
22	28	11	5-54	7-34	9-33	11-46	14-02	16-14	18-25	20-39	22-55	25-01	26-47	28-20	
23	29	12	5-51	7-31	9-29	11-42	13-58	16-10	18-21	20-35	22-51	24-57	26-43	28-16	
24	30	13	5-47	7-27	9-25	11-38	13-54	16-06	18-17	20-32	22-48	24-53	26-39	28-12	
(ni)Vysk.															
5121															
25	1	14	5-43	7-23	9-21	11-34	13-50	16-02	18-13	20-28	22-44	24-49	26-35	28-08	
26	2	15	5-39	7-19	9-17	11-30	13-46	15-58	18-09	20-24	22-40	24-45	26-31	28-04	
(29-35)															
27	3	16	29-31	7-15	9-13	11-26	13-42	15-54	18-05	20-20	22-36	24-41	26-27	28-00	
28	4	17	29-27	7-11	9-09	11-22	13-39	15-50	18-01	20-16	22-32	24-37	26-24	27-56	
29	5	18	29-23	7-07	9-05	11-18	13-35	15-46	17-57	20-12	22-28	24-33	26-20	27-52	
30	6	19	29-19	7-03	9-01	11-15	13-31	15-43	17-53	20-08	22-24	24-29	26-16	27-49	
31	7	20	29-15	6-59	8-57	11-11	13-27	15-39	17-49	20-04	22-20	24-25	26-12	27-45	

CORRECTION TABLE FOR THE BEGINNING OF LAGNAS

The tables of lagnas given in the beginning time of each lagna at the Central Station of India. The corrections given in the following table when applied in the time of beginning of the lagna for the Central Station for any date would give the beginning that lagna in I.S.T. at the Station concerned.

	Mesha m	Vrisha m	Mithuna m	Karkata m	Simha m	Kanya m	Tula m	Vrischika m	Dhanus m	Makara m	Kumbha m	Mina m
Agartala (23° 49'N, 91° 17'E)	-35.7	-36.3	-36.6	-36.4	-36.0	-35.4	-34.7	-34.2	-33.9	-34.0	-34.5	-35.1
Ahmedabad (23° 02'N, 72° 36'E)	+39.8	+39.9	+40.0	+40.0	+39.9	+39.7	+39.6	+39.5	+39.4	+39.4	+39.5	+39.7
Allahabad (25° 28'N, 81° 52'E)	+0.8	-1.2	-2.3	-1.9	-0.2	+2.0	+4.3	+6.3	+7.3	+6.9	+5.2	+3.0
Amritsar (31° 38'N, 74° 53'E)	+23.6	+15.7	+11.5	+13.2	+19.9	+28.5	+37.4	+45.2	+49.5	+47.7	+41.2	+32.4
Bangalore (12° 58'N, 77° 36'E)	+26.8	+34.9	+39.2	+37.5	+30.6	+21.6	+12.3	+4.2	-0.1	+1.7	+8.5	+17.5
Bhopal (23° 16'N, 77° 25'E)	+20.2	+20.2	+20.1	+20.1	+20.2	+20.3	+20.4	+20.4	+20.5	+20.5	+20.4	+20.3
Bhubaneswar (20° 15'N, 85° 50'E)	-11.1	-8.7	-7.4	-7.9	-10.0	-12.7	-15.5	-17.9	-19.2	-18.7	-16.6	-13.9
Chennai (13° 04'N, 80° 15'E)	+16.2	+24.2	+28.5	+26.7	+20.0	+11.0	+1.8	-6.2	-10.5	-8.8	-2.0	+7.0
Chandigarh (30° 44'N, 76° 53'E)	+16.3	+9.4	+5.6	+7.2	+13.1	+20.7	+28.5	+35.4	+39.2	+37.6	+31.8	+24.1
Cuttack (20° 29'N, 85° 52'E)	-11.4	-9.2	-8.0	-8.5	-10.4	-12.9	-15.4	-17.7	-18.9	-18.4	-16.5	-14.0
Delhi (28° 39'N, 77° 13'E)	+16.8	+11.9	+9.2	+10.3	+14.5	+19.9	+25.4	+30.5	+33.0	+31.9	+27.9	+22.3
Gangtok (27° 20'N, 88° 37'E)	-27.8	-31.5	-33.5	-32.7	-29.5	-25.5	-21.3	-17.6	-15.6	-16.4	-19.5	-23.6
Guwahati (26° 10'N, 91° 45'E)	-39.2	-41.8	-43.2	-42.7	-40.4	-37.6	-34.6	-32.0	-30.6	-31.2	-33.4	-36.3
Gaya (24° 48'N, 85° 01'E)	-11.4	-12.8	-13.5	-13.2	-12.0	-10.4	-8.8	-7.4	-6.7	-7.0	-8.2	-9.7
Haridwar (29° 56'N, 78° 08'E)	+12.0	+5.9	+2.6	+3.9	+9.2	+15.9	+22.9	+29.0	+32.5	+31.1	+25.9	+19.1
Hyderabad (17° 26'N, 78° 27'E)	+20.3	+25.0	+27.5	+26.5	+22.5	+17.3	+12.0	+7.3	+4.8	+5.8	+9.7	+15.1
Imphal (24° 48'N, 93° 57'E)	-47.2	-48.6	-49.3	-49.0	-47.8	-46.3	-44.7	-43.3	-42.5	-42.8	-44.0	-45.6
Jaipur (26° 55'N, 75° 49'E)	+23.8	+20.5	+18.7	+19.4	+22.2	+25.8	+29.6	+32.9	+34.6	+33.9	+31.0	+27.5
Jodhpur (26° 18'N, 73° 02'E)	+35.3	+32.6	+31.1	+31.8	+34.1	+37.1	+40.2	+42.9	+44.4	+43.8	+41.5	+38.5
Kanchipuram (12° 50'N, 79° 42'E)	+18.6	+26.7	+31.1	+29.3	+22.3	+13.2	+3.8	-4.4	-8.8	-7.0	+0.0	+8.1

The figures in the bracket indicate latitude and longitude of the Place.

CORRECTION TABLE FOR THE BEGINNING OF LAGNAS

The tables of lagnas given in the beginning time of each lagna at the Central Station of India. The corrections given in the following table when applied in the time of beginning of the lagna for the Central Station for any date would give the beginning that lagna in I.S.T. at the Station concerned.

	Mesha m	Vrisha m	Mithuna m	Karkata m	Simha m	Kanya m	Tula m	Vrischika m	Dhanus m	Makara m	Kumbha m	Mina m
Kolkata (22° 35'N, 88° 23'E)	-23.0	-22.5	-22.2	-22.3	-22.7	-23.3	-23.9	-24.4	-24.7	-24.6	-24.1	-23.6
Lucknow (26° 51'N, 80° 56'E)	+3.4	+0.2	-1.6	-0.9	+1.9	+5.4	+9.1	+12.3	+14.1	+13.4	+10.6	+7.1
Mumbai (18° 58'N, 72° 50'E)	+41.7	+45.1	+47.0	+46.2	+43.3	+39.5	+35.5	+32.0	+30.1	+30.9	+33.8	+37.7
Mysore (12° 18'N, 76° 39'E)	+31.2	+39.9	+44.5	+42.6	+35.3	+25.7	+15.6	+7.0	+2.5	+4.3	+11.6	+21.3
Nagpur (21° 09'N, 79° 05'E)	+15.2	+16.8	+17.8	+17.4	+16.0	+14.1	+12.1	+10.4	+9.5	+9.9	+11.3	+13.2
Panjim (15° 29'N, 73° 49'E)	+40.4	+46.6	+50.0	+48.6	+43.3	+36.4	+29.3	+22.9	+19.6	+21.0	+26.2	+33.1
Patna (25° 36'N, 85° 08'E)	-12.4	-14.5	-15.6	-15.2	-13.4	-11.0	-8.7	-6.5	-5.4	-5.9	-7.7	-10.0
Pondichery (11° 56'N, 79° 50'E)	+18.6	+27.5	+32.2	+30.2	+22.7	+12.9	+2.6	-6.2	-11.0	-9.0	-1.5	+8.4
Pune (18° 31'N, 73° 53'E)	+37.8	+41.6	+43.7	+42.8	+39.6	+35.4	+31.0	+27.1	+25.1	+25.9	+29.1	+33.4
Port Blair (11° 40'N, 92° 46'E)	-33.0	-23.9	-19.0	-21.1	-28.7	-38.9	-49.4	-58.5	-63.3	-61.3	-53.6	-43.5
Puri (19° 48'N, 85° 50'E)	-10.8	-8.0	-6.5	-7.2	-9.5	-12.7	-15.9	-18.7	-20.2	-19.6	-17.2	-14.1
Rajamundry (17° 00'N, 81° 48'E)	+7.3	+12.3	+15.0	+13.9	+9.7	+4.1	-1.7	-6.7	-9.4	-8.3	-4.1	+1.5
Shimla (31° 06'N, 77° 10'E)	+14.8	+7.6	+3.6	+5.3	+11.5	+19.5	+27.9	+35.2	+39.1	+37.5	+31.3	+23.1
Shillong (25° 35'N, 91° 53'E)	-39.8	-41.6	-42.7	-42.3	-40.5	-38.2	-35.8	-33.7	-32.5	-33.0	-34.8	-37.1
Srinagar (34° 06'N, 74° 48'E)	+21.6	+11.2	+5.5	+7.9	+16.7	+28.3	+40.7	+50.5	+56.2	+53.9	+45.0	+33.5
Tirupati (13° 36'N, 79° 24'E)	+19.3	+27.0	+31.1	+29.4	+22.9	+14.4	+5.6	-2.1	-6.2	-4.5	+1.9	+10.5
Trivandrum (8° 31'N, 77° 00'E)	+32.2	+43.7	+49.8	+47.3	+37.7	+24.9	+11.7	+0.4	-5.7	-3.2	+6.4	+19.9
Varanasi (25° 19'N, 83° 01'E)	-3.6	-5.5	-6.5	-6.2	-4.5	-2.4	-0.3	+1.6	+2.7	+1.7	+0.6	-1.5
Vijayawada (16° 31'N, 80° 39'E)	+12.2	+17.6	+20.5	+19.3	+14.7	+8.7	+2.5	-2.9	-5.8	-4.6	+0.0	+6.0
Visakhapatnam (17° 43'N, 83° 19'E)	+0.8	+5.2	+7.6	+6.6	+2.8	-2.1	-7.3	-11.8	-14.2	-13.2	-9.4	-4.4

The figures in the bracket indicate latitude and longitude of the Place.

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

CHAITRA										VAISAKHA														
Date			Sun				Moon				Date			Sun				Moon						
1941	5119	2019									1941	5120	2019											
S.E.	K.E.	A.D.									S.E.	K.E.	A.D.											
Chtr.	(ni)	Chtr	Mar.	s	o	'	''	s	o	'	''	Vysk.	(ni)	Vysk	Apr.	s	o	'	''	s	o	'	''	
1		8	22	11	06	57	17	5	19	52	35	1		8	21	0	06	29	26	6	26	42	27	
2		9	23	11	07	56	49	6	04	30	12	2		9	22	0	07	27	58	7	10	23	17	
3		10	24	11	08	56	20	6	18	42	58	3		10	23	0	08	26	28	7	23	38	31	
4		11	25	11	09	55	49	7	02	27	12	4		11	24	0	09	24	57	8	06	28	56	
5		12	26	11	10	55	15	7	15	42	27	5		12	25	0	10	23	24	8	18	57	21	
6		13	27	11	11	54	41	7	28	30	53	6		13	26	0	11	21	50	9	01	08	00	
7		14	28	11	12	54	04	8	10	56	30	7		14	27	0	12	20	13	9	13	05	59	
8		15	29	11	13	53	25	8	23	04	21	8		15	28	0	13	18	36	9	24	56	44	
9		16	30	11	14	52	45	9	04	59	55	9		16	29	0	14	16	56	10	06	45	37	
10		17	31	11	15	52	03	9	16	48	36	10		17	30	0	15	15	16	10	18	37	39	
			Apr.												May									
11		18	1	11	16	51	19	9	28	35	20	11		18	1	0	16	13	33	11	00	37	09	
12		19	2	11	17	50	34	10	10	24	28	12		19	2	0	17	11	49	11	12	47	37	
13		20	3	11	18	49	46	10	22	19	26	13		20	3	0	18	10	04	11	25	11	27	
14		21	4	11	19	48	57	11	04	22	51	14		21	4	0	19	08	16	0	07	49	56	
15		22	5	11	20	48	05	11	16	36	22	15		22	5	0	20	06	27	0	20	43	14	
16		23	6	11	21	47	12	11	29	00	51	16		23	6	0	21	04	37	1	03	50	34	
17		24	7	11	22	46	16	0	11	36	36	17		24	7	0	22	02	44	1	17	10	34	
18		25	8	11	23	45	19	0	24	23	34	18		25	8	0	23	00	50	2	00	41	38	
19		26	9	11	24	44	19	1	07	21	46	19		26	9	0	23	58	54	2	14	22	19	
20		27	10	11	25	43	17	1	20	31	28	20		27	10	0	24	56	56	2	28	11	31	
21		28	11	11	26	42	12	2	03	53	21	21		28	11	0	25	54	57	3	12	08	30	
22		29	12	11	27	41	06	2	17	28	28	22		29	12	0	26	52	55	3	26	12	40	
23		30	13	11	28	39	57	3	01	17	57	23		30	13	0	27	50	51	4	10	23	12	
(ni) Vysk.												24		31	14	0	28	48	46	4	24	38	33	
5120K.E.												(ni) jyst.												
24		1	14	11	29	38	46	3	15	22	29	25		1	15	0	29	46	39	5	08	56	11	
25		2	15	0	00	37	32	3	29	41	42	26		2	16	1	00	44	30	5	23	12	23	
26		3	16	0	01	36	16	4	14	13	32	27		3	17	1	01	42	19	6	07	22	37	
27		4	17	0	02	34	58	4	28	53	49	28		4	18	1	02	40	07	6	21	22	01	
28		5	18	0	03	33	38	5	13	36	19	29		5	19	1	03	37	53	7	5	6	08	
29		6	19	0	04	32	16	5	28	13	31	30		6	20	1	04	35	38	7	18	31	39	
30		7	20	0	05	30	52	6	12	37	45	31		7	21	1	05	33	22	8	1	36	52	

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

JYAISHTHA										ASHADHA											
Date			Sun				Moon				Date			Sun				Moon			
1941	5120	2019									1941	5120	2019								
S.E.	K.E.	A.D.									S.E.	K.E.	A.D.								
Jyst.	(ni) Jyst	May	s	o	'	''	s	o	'	''	Asar	(ni)Asar	Jun.	s	o	'	''	s	o	'	''
1	8	22	1	06	31	04	8	14	21	49	1	8	22	2	06	11	47	9	28	55	19
2	9	23	1	07	28	46	8	26	48	09	2	9	23	2	07	09	01	10	10	47	43
3	10	24	1	08	26	26	9	08	58	56	3	10	24	2	08	06	15	10	22	38	53
4	11	25	1	09	24	05	9	20	58	12	4	11	25	2	09	03	29	11	04	33	19
5	12	26	1	10	21	43	10	02	50	41	5	12	26	2	10	00	42	11	16	35	41
6	13	27	1	11	19	20	10	14	41	25	6	13	27	2	10	57	56	11	28	50	33
7	14	28	1	12	16	56	10	26	35	27	7	14	28	2	11	55	10	0	11	22	04
8	15	29	1	13	14	31	11	08	37	38	8	15	29	2	12	52	23	0	24	13	37
9	16	30	1	14	12	06	11	20	52	10	9	16	30	2	13	49	37	1	07	27	24
10	17	31	1	15	09	39	0	03	22	29	July										
Jun.											10	17	1	2	14	46	50	1	21	04	05
11	18	1	1	16	07	12	0	16	10	50	11	18	2	2	15	44	04	2	05	02	30
12	19	2	1	17	04	43	0	29	18	07	12	19	3	2	16	41	17	2	19	19	33
13	20	3	1	18	02	14	1	12	43	49	13	20	4	2	17	38	31	3	03	50	29
14	21	4	1	18	59	44	1	26	26	04	14	21	5	2	18	35	44	3	18	29	24
15	22	5	1	19	57	12	2	10	21	58	15	22	6	2	19	32	57	4	03	09	56
16	23	6	1	20	54	40	2	24	28	00	16	23	7	2	20	30	10	4	17	46	07
17	24	7	1	21	52	06	3	08	40	33	17	24	8	2	21	27	23	5	02	12	55
18	25	8	1	22	49	32	3	22	56	12	18	25	9	2	22	24	35	5	16	26	41
19	26	9	1	23	46	56	4	07	12	03	19	26	10	2	23	21	47	6	00	25	11
20	27	10	1	24	44	19	4	21	25	38	20	27	11	2	24	18	59	6	14	07	26
21	28	11	1	25	41	41	5	05	34	49	21	28	12	2	25	16	11	6	27	33	24
22	29	12	1	26	39	02	5	19	37	42	22	29	13	2	26	13	23	7	10	43	39
23	30	13	1	27	36	22	6	03	32	19	23	30	14	2	27	10	35	7	23	39	07
24	31	14	1	28	33	41	6	17	16	45	24	31	15	2	28	07	47	8	06	20	53
(ni) Asar											(ni) Srvn.										
25	1	15	1	29	30	59	7	00	49	04	25	1	16	2	29	04	59	8	18	50	09
26	2	16	2	00	28	16	7	14	07	36	26	2	17	3	00	02	12	9	01	08	14
27	3	17	2	01	25	32	7	27	11	08	27	3	18	3	00	59	25	9	13	16	36
28	4	18	2	02	22	48	8	09	59	09	28	4	19	3	01	56	38	9	25	17	01
29	5	19	2	03	20	03	8	22	31	56	29	5	20	3	02	53	52	10	07	11	33
30	6	20	2	04	17	18	9	04	50	41	30	6	21	3	03	51	06	10	19	02	48
31	7	21	2	05	14	33	9	16	57	30	31	7	22	3	04	48	21	11	00	53	48

(For 5^h-29^m I.S.T.)

SRAVANA										BHADRA											
Date			Sun				Moon				Date			Sun				Moon			
1941	5120	2019									1941	5120	2019								
S.E.	K.E.	A.D.									S.E.	K.E.	A.D.								
Srvn.	(ni) Srvn	July	s	o	'	''	s	o	'	''	Bhdr.	(ni) Bhdr.	Aug.	s	o	'	''	s	o	'	''
1	8	23	3	05	45	37	11	12	48	05	1	8	23	4	05	28	10	0	28	10	28
2	9	24	3	06	42	54	11	24	49	36	2	9	24	4	06	25	59	1	10	54	32
3	10	25	3	07	40	11	0	07	02	37	3	10	25	4	07	23	49	1	24	00	26
4	11	26	3	08	37	30	0	19	31	28	4	11	26	4	08	21	41	2	07	31	35
5	12	27	3	09	34	49	1	02	20	15	5	12	27	4	09	19	36	2	21	30	02
6	13	28	3	10	32	09	1	15	32	25	6	13	28	4	10	17	31	3	05	55	41
7	14	29	3	11	29	31	1	29	10	11	7	14	29	4	11	15	29	3	20	45	33
8	15	30	3	12	26	53	2	13	13	58	8	15	30	4	12	13	28	4	05	53	21
9	16	31	3	13	24	16	2	27	41	50	9	16	31	4	13	11	29	4	21	09	56
Aug.											Sept.										
10	17	1	3	14	21	40	3	12	29	15	10	17	1	4	14	09	31	5	06	24	26
11	18	2	3	15	19	05	3	27	29	13	11	18	2	4	15	07	35	5	21	26	15
12	19	3	3	16	16	30	4	12	33	04	12	19	3	4	16	05	40	6	06	06	49
13	20	4	3	17	13	57	4	27	31	45	13	20	4	4	17	03	47	6	20	20	44
14	21	5	3	18	11	24	5	12	17	12	14	21	5	4	18	01	55	7	04	06	01
15	22	6	3	19	08	51	5	26	43	26	15	22	6	4	19	00	05	7	17	23	39
16	23	7	3	20	06	20	6	10	46	59	16	23	7	4	19	58	16	8	00	16	35
17	24	8	3	21	03	49	6	24	26	54	17	24	8	4	20	56	28	8	12	48	57
18	25	9	3	22	01	19	7	07	44	11	18	25	9	4	21	54	42	8	25	05	17
19	26	10	3	22	58	50	7	20	41	07	19	26	10	4	22	52	58	9	07	09	58
20	27	11	3	23	56	21	8	03	20	39	20	27	11	4	23	51	15	9	19	06	59
21	28	12	3	24	53	53	8	15	45	54	21	28	12	4	24	49	33	10	00	59	37
22	29	13	3	25	51	27	8	27	59	50	22	29	13	4	25	47	54	10	12	50	34
23	30	14	3	26	49	01	9	10	05	05	23	30	14	4	26	46	16	10	24	41	53
24	31	15	3	27	46	37	9	22	03	55	24	31	15	4	27	44	40	11	06	35	14
(ni) Bhdr.											(ni) Asvn.										
25	1	16	3	28	44	13	10	03	58	18	25	1	16	4	28	43	06	11	18	32	00
26	2	17	3	29	41	51	10	15	50	05	26	2	17	4	29	41	34	0	00	33	39
27	3	18	4	00	39	31	10	27	41	05	27	3	18	5	00	40	04	0	12	41	52
28	4	19	4	01	37	12	11	09	33	21	28	4	19	5	01	38	36	0	24	58	50
29	5	20	4	02	34	54	11	21	29	17	29	5	20	5	02	37	11	1	07	27	15
30	6	21	4	03	32	38	0	03	31	48	30	6	21	5	03	35	47	1	20	10	22
31	7	22	4	04	30	23	0	15	44	15	31	7	22	5	04	34	26	2	03	11	47

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

ASVINA										KARTIKA											
Date			Sun				Moon				Date			Sun				Moon			
1941	5120	2019									1941	5120	2019								
S.E.	K.E.	A.D.									S.E.	K.E.	A.D.								
Asvn.	(ni) Asvn	Sept.	s	o	'	''	s	o	'	''	Krtk.	(ni) Krtk.	Oct.	s	o	'	''	s	o	'	''
1	8	23	5	05	33	07	2	16	35	03	1	8	23	6	05	09	06	3	24	12	48
2	9	24	5	06	31	50	3	00	23	00	2	9	24	6	06	08	50	4	08	35	01
3	10	25	5	07	30	35	3	14	37	01	3	10	25	6	07	08	36	4	23	15	23
4	11	26	5	08	29	23	3	29	15	58	4	11	26	6	08	08	25	5	08	08	44
5	12	27	5	09	28	13	4	14	15	33	5	12	27	6	09	08	16	5	23	07	18
6	13	28	5	10	27	05	4	29	28	06	6	13	28	6	10	08	08	6	08	01	49
7	14	29	5	11	25	59	5	14	43	21	7	14	29	6	11	08	03	6	22	43	01
8	15	30	5	12	24	55	5	29	50	05	8	15	30	6	12	08	00	7	07	03	17
		Oct.									9	16	31	6	13	07	58	7	20	57	45
9	16	1	5	13	23	53	6	14	38	14			Nov.								
10	17	2	5	14	22	53	6	29	00	32	10	17	1	6	14	07	58	8	04	24	38
11	18	3	5	15	21	54	7	12	53	20	11	18	2	6	15	08	00	8	17	24	53
12	19	4	5	16	20	58	7	26	16	26	12	19	3	6	16	08	03	9	00	01	35
13	20	5	5	17	20	03	8	09	12	15	13	20	4	6	17	08	08	9	12	19	09
14	21	6	5	18	19	10	8	21	45	00	14	21	5	6	18	08	15	9	24	22	39
15	22	7	5	19	18	19	9	03	59	40	15	22	6	6	19	08	23	10	06	17	22
16	23	8	5	20	17	29	9	16	01	30	16	23	7	6	20	08	33	10	18	08	18
17	24	9	5	21	16	41	9	27	55	26	17	24	8	6	21	08	44	10	29	59	59
18	25	10	5	22	15	56	10	09	45	49	18	25	9	6	22	08	57	11	11	56	12
19	26	11	5	23	15	12	10	21	36	17	19	26	10	6	23	09	11	11	23	59	56
20	27	12	5	24	14	30	11	03	29	39	20	27	11	6	24	09	27	0	06	13	16
21	28	13	5	25	13	49	11	15	27	56	21	28	12	6	25	09	45	0	18	37	25
22	29	14	5	26	13	11	11	27	32	32	22	29	13	6	26	10	04	1	01	12	57
23	30	15	5	27	12	35	0	09	44	24	23	30	14	6	27	10	25	1	13	59	56
(ni) Krtk.											(ni) Aghn.										
24	1	16	5	28	12	01	0	22	04	17	24	1	15	6	28	10	48	1	26	58	13
25	2	17	5	29	11	29	1	04	33	07	25	2	16	6	29	11	13	2	10	07	44
26	3	18	6	00	11	00	1	17	12	08	26	3	17	7	00	11	39	2	23	28	40
27	4	19	6	01	10	32	2	00	03	07	27	4	18	7	01	12	08	3	07	01	27
28	5	20	6	02	10	07	2	13	08	17	28	5	19	7	02	12	38	3	20	46	36
29	6	21	6	03	09	45	2	26	30	11	29	6	20	7	03	13	10	4	04	44	27
30	7	22	6	04	09	24	3	10	11	11	30	7	21	7	04	13	43	4	18	54	35

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

AGRAHAYANA							PAUSHA												
Date			Sun		Moon		Date			Sun		Moon							
1941	5120	2019					1941	5120	2019										
S.E.	K.E.	A.D.					S.E.	K.E.	A.D.										
Aghn. (ni) Aghn. Nov.			s	o	'	''	Paus. (ni) Paus. Dec.			s	o	'	''						
1	8	22	7	05	14	19	5	03	15	25	1	8	22	6	12	19	43		
2	9	23	7	06	14	56	5	17	43	48	2	9	23	8	06	18	03		
3	10	24	7	07	15	36	6	02	15	01	3	10	24	8	07	10	06	52	
4	11	25	7	08	16	16	6	16	43	09	4	11	25	8	08	23	43	34	
5	12	26	7	09	16	58	7	01	01	55	5	12	26	8	09	07	05	56	
6	13	27	7	10	17	42	7	15	05	32	6	13	27	8	10	20	12	24	
7	14	28	7	11	18	27	7	28	49	35	7	14	28	8	11	03	02	20	
8	15	29	7	12	19	13	8	12	11	37	8	15	29	8	12	15	36	06	
9	16	30	7	13	20	00	8	25	11	11	9	16	30	8	13	27	55	11	
Dec.							10			17	31	8	14	51	27	10	10	01	59
10	17	1	7	14	20	49	9	07	49	43	Jan'20								
11	18	2	7	15	21	38	9	20	10	09	11	18	1	8	15	21	59	49	
12	19	3	7	16	22	28	10	02	16	29	12	19	2	8	16	03	52	41	
13	20	4	7	17	23	19	10	14	13	21	13	20	3	8	17	15	45	00	
14	21	5	7	18	24	11	10	26	05	40	14	21	4	8	18	27	41	31	
15	22	6	7	19	25	04	11	07	58	18	15	22	5	8	19	09	46	56	
16	23	7	7	20	25	58	11	19	55	54	16	23	6	8	20	22	05	44	
17	24	8	7	21	26	52	0	02	02	29	17	24	7	8	21	04	41	46	
18	25	9	7	22	27	47	0	14	21	25	18	25	8	8	23	17	37	59	
19	26	10	7	23	28	43	0	26	55	04	19	26	9	8	24	00	56	00	
20	27	11	7	24	29	40	1	09	44	45	20	27	10	8	25	14	35	48	
21	28	12	7	25	30	38	1	22	50	44	21	28	11	8	26	28	35	32	
22	29	13	7	26	31	36	2	06	12	14	22	29	12	8	27	12	51	34	
23	30	14	7	27	32	36	2	19	47	39	23	30	13	8	28	27	18	47	
(ni) Paush.							(ni) Magha												
24	1	15	7	28	33	36	3	03	34	53	24	1	14	8	29	11	51	17	
25	2	16	7	29	34	37	3	17	31	29	25	2	15	9	00	26	23	08	
26	3	17	8	00	35	39	4	01	35	05	26	3	16	9	01	10	49	09	
27	4	18	8	01	36	42	4	15	43	20	27	4	17	9	02	25	05	21	
28	5	19	8	02	37	46	4	29	54	06	28	5	18	9	03	09	09	12	
29	6	20	8	03	38	51	5	14	05	15	29	6	19	9	04	22	59	27	
30	7	21	8	04	39	57	5	28	14	36	30	7	20	9	05	06	35	51	

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

MAGHA							PHALGUNA															
Date			Sun		Moon		Date			Sun		Moon										
1941	5120	2020					1941	5120	2020													
S.E.	K.E.	A.D.					S.E.	K.E.	A.D.													
Magh (ni)Magh. Jan.			s	o	'	''	s	o	'	''	Phgn. (ni) Phgn. Feb.		s	o	'	''	s	o	'	''		
1	8	21	9	06	15	07	7	19	58	41	1	8	20	10	06	39	58	8	25	37	57	
2	9	22	9	07	16	12	8	03	08	29	2	9	21	10	07	40	28	9	08	04	29	
3	10	23	9	08	17	17	8	16	05	48	3	10	22	10	08	40	58	9	20	21	44	
4	11	24	9	09	18	20	8	28	51	04	4	11	23	10	09	41	25	10	02	31	18	
5	12	25	9	10	19	24	9	11	24	44	5	12	24	10	10	41	51	10	14	34	28	
6	13	26	9	11	20	26	9	23	47	20	6	13	25	10	11	42	16	10	26	32	20	
7	14	27	9	12	21	27	10	05	59	41	7	14	26	10	12	42	39	11	08	26	11	
8	15	28	9	13	22	28	10	18	03	09	8	15	27	10	13	43	00	11	20	17	38	
9	16	29	9	14	23	28	10	29	59	40	9	16	28	10	14	43	19	0	02	08	53	
10	17	30	9	15	24	26	11	11	51	53	10	17	29	10	15	43	36	0	14	02	50	
11	18	31	9	16	25	23	11	23	43	10	Mar.											
Feb.											11	18	1	10	16	43	51	0	26	03	10	
12	19	1	9	17	26	19	0	05	37	34	12	19	2	10	17	44	04	1	08	14	09	
13	20	2	9	18	27	14	0	17	39	36	13	20	3	10	18	44	15	1	20	40	37	
14	21	3	9	19	28	07	0	29	54	07	14	21	4	10	19	44	24	2	03	27	30	
15	22	4	9	20	28	59	1	12	25	57	15	22	5	10	20	44	31	2	16	39	23	
16	23	5	9	21	29	50	1	25	19	31	16	23	6	10	21	44	35	3	00	19	41	
17	24	6	9	22	30	39	2	08	38	18	17	24	7	10	22	44	38	3	14	29	52	
18	25	7	9	23	31	27	2	22	24	07	18	25	8	10	23	44	38	3	29	08	21	
19	26	8	9	24	32	14	3	06	36	27	19	26	9	10	24	44	37	4	14	09	57	
20	27	9	9	25	32	59	3	21	11	58	20	27	10	10	25	44	33	4	29	25	58	
21	28	10	9	26	33	43	4	06	04	28	21	28	11	10	26	44	28	5	14	45	15	
22	29	11	9	27	34	26	4	21	05	27	22	29	12	10	27	44	21	5	29	56	17	
23	30	12	9	28	35	07	5	06	05	26	23	30	13	10	28	44	12	6	14	49	09	
(ni) Phgn.											24	31	14	10	29	44	01	6	29	17	13	
24	1	13	9	29	35	48	5	20	55	33	(ni) Chtr.											
25	2	14	10	00	36	27	6	05	28	54	25	1	15	11	00	43	49	7	13	17	27	
26	3	15	10	01	37	05	6	19	41	18	26	2	16	11	01	43	35	7	26	50	01	
27	4	16	10	02	37	42	7	03	31	16	27	3	17	11	02	43	19	8	09	57	25	
28	5	17	10	03	38	18	7	16	59	32	28	4	18	11	03	43	01	8	22	43	23	
29	6	18	10	04	38	52	8	00	08	12	29	5	19	11	04	42	42	9	05	12	10	
30	7	19	10	05	39	26	8	13	00	03	30	6	20	11	05	42	21	9	17	27	53	

NIRAYANA LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

(For 5^h-29^m I.S.T.)

CHAITRA												VAISAKHA											
Date			Sun				Moon				Date			Sun				Moon					
1942	5120	2020									1942	5121	2020										
S.E.	K.E.	A.D.									S.E.	K.E.	A.D.										
Chtr.	(ni)	Chtr	Mar.	s	o	'	''	s	o	'	''	Vysk.	(ni)	Vysk	Apr.	s	o	'	''	s	o	'	''
1	7	21		11	06	41	58	9	29	34	09	1	8	21		0	07	12	58	11	14	14	52
2	8	22		11	07	41	34	10	11	33	55	2	9	22		0	08	11	31	11	26	07	19
3	9	23		11	08	41	07	10	23	29	30	3	10	23		0	09	10	02	0	08	02	45
4	10	24		11	09	40	39	11	05	22	36	4	11	24		0	10	08	32	0	20	02	35
5	11	25		11	10	40	08	11	17	14	36	5	12	25		0	11	06	59	1	02	08	12
6	12	26		11	11	39	36	11	29	06	48	6	13	26		0	12	05	25	1	14	21	13
7	13	27		11	12	39	01	0	11	00	41	7	14	27		0	13	03	48	1	26	43	39
8	14	28		11	13	38	24	0	22	58	09	8	15	28		0	14	02	10	2	09	18	02
9	15	29		11	14	37	45	1	05	01	43	9	16	29		0	15	00	29	2	22	07	17
10	16	30		11	15	37	04	1	17	14	38	10	17	30		0	15	58	47	3	05	14	33
11	17	31		11	16	36	20	1	29	40	47	May											
		Apr.										11	18	1		0	16	57	02	3	18	42	49
12	18	1		11	17	35	34	2	12	24	30	12	19	2		0	17	55	15	4	02	34	10
13	19	2		11	18	34	46	2	25	30	13	13	20	3		0	18	53	26	4	16	49	11
14	20	3		11	19	33	55	3	09	01	46	14	21	4		0	19	51	36	5	01	26	03
15	21	4		11	20	33	02	3	23	01	41	15	22	5		0	20	49	43	5	16	20	06
16	22	5		11	21	32	07	4	07	30	00	16	23	6		0	21	47	48	6	01	23	57
17	23	6		11	22	31	10	4	22	23	34	17	24	7		0	22	45	52	6	16	28	22
18	24	7		11	23	30	10	5	07	35	28	18	25	8		0	23	43	54	7	01	23	40
19	25	8		11	24	29	08	5	22	55	41	19	26	9		0	24	41	54	7	16	01	22
20	26	9		11	25	28	04	6	08	12	35	20	27	10		0	25	39	53	8	00	15	28
21	27	10		11	26	26	58	6	23	15	06	21	28	11		0	26	37	50	8	14	02	51
22	28	11		11	27	25	50	7	07	54	39	22	29	12		0	27	35	46	8	27	23	13
23	29	12		11	28	24	41	7	22	06	11	23	30	13		0	28	33	41	9	10	18	31
24	30	13		11	29	23	30	8	05	48	14	24	31	14		0	29	31	34	9	22	52	10
(ni) Vysk.											(ni) Jyst.												
5121 K.E.																							
25	1	14		0	00	22	17	8	19	02	14	25	1	15		1	00	29	26	10	05	08	31
26	2	15		0	01	21	02	9	01	51	31	26	2	16		1	01	27	17	10	17	12	13
27	3	16		0	02	19	46	9	14	20	31	27	3	17		1	02	25	07	10	29	07	50
28	4	17		0	03	18	27	9	26	33	57	28	4	18		1	03	22	56	11	10	59	38
29	5	18		0	04	17	08	10	08	36	22	29	5	19		1	04	20	43	11	22	51	23
30	6	19		0	05	15	46	10	20	31	50	30	6	20		1	05	18	29	0	04	46	13
31	7	20		0	06	14	23	11	02	23	45	31	7	21		1	06	16	14	0	16	46	41

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941	5119	2019																								
S.E.	K.E.	A.D.																								
Chtr.	(ni) Chtr.	Mar.	s	°	'	"	s	°	'	"	s	°	'	"	s	°	'	"	s	°	'	"	s	°	'	"
1	8	22	10	24	06	35	10	00	05	12	0	29	44	02	7	29	37	35	8	25	10	42	3	00	13	11
2	9	23	10	23	30	43	10	01	17	12	1	00	23	56	7	29	41	07	8	25	14	18	3	00	02	49
3	10	24	10	23	00	33	10	02	29	14	1	01	03	49	7	29	44	28	8	25	17	50	2	29	53	27
4	11	25	10	22	36	16	10	03	41	18	1	01	43	41	7	29	47	39	8	25	21	16	2	29	46	01
5	12	26	10	22	18	00	10	04	53	24	1	02	23	31	7	29	50	40	8	25	24	37	2	29	40	59
6	13	27	10	22	05	45	10	06	05	32	1	03	03	20	7	29	53	29	8	25	27	53	2	29	38	20
7	14	28	10	21	59	27	10	07	17	42	1	03	43	08	7	29	56	08	8	25	31	04	2	29	37	31
8	15	29	10	21	58	58	10	08	29	54	1	04	22	55	7	29	58	35	8	25	34	09	2	29	37	39
9	16	30	10	22	04	07	10	09	42	08	1	05	02	41	8	00	00	52	8	25	37	09	2	29	37	37
10	17	31	10	22	14	42	10	10	54	23	1	05	42	25	8	00	02	58	8	25	40	04	2	29	36	21
		Apr.																								
11	18	1	10	22	30	31	10	12	06	40	1	06	22	08	8	00	04	53	8	25	42	54	2	29	32	56
12	19	2	10	22	51	17	10	13	18	59	1	07	01	50	8	00	06	36	8	25	45	38	2	29	26	51
13	20	3	10	23	16	48	10	14	31	19	1	07	41	31	8	00	08	09	8	25	48	17	2	29	17	55
14	21	4	10	23	46	48	10	15	43	40	1	08	21	10	8	00	09	30	8	25	50	50	2	29	06	30
15	22	5	10	24	21	03	10	16	56	03	1	09	00	49	8	00	10	40	8	25	53	18	2	28	53	19
16	23	6	10	24	59	21	10	18	08	27	1	09	40	26	8	00	11	39	8	25	55	40	2	28	39	27
17	24	7	10	25	41	28	10	19	20	52	1	10	20	02	8	00	12	26	8	25	57	56	2	28	26	08
18	25	8	10	26	27	12	10	20	33	18	1	10	59	37	8	00	13	02	8	26	00	07	2	28	14	33
19	26	9	10	27	16	22	10	21	45	45	1	11	39	10	8	00	13	27	8	26	02	12	2	28	05	34
20	27	10	10	28	08	46	10	22	58	13	1	12	18	42	8	00	13	41	8	26	04	12	2	27	59	37
21	28	11	10	29	04	16	10	24	10	42	1	12	58	13	8	00	13	43	8	26	06	06	2	27	56	33
22	29	12	11	00	02	42	10	25	23	12	1	13	37	42	8	00	13	34	8	26	07	54	2	27	55	36
23	30	13	11	01	03	55	10	26	35	43	1	14	17	10	8	00	13	13	8	26	09	36	2	27	55	37
	(ni) Vysk.																									
	5120K.E.																									
24	1	14	11	02	07	49	10	27	48	14	1	14	56	37	8	00	12	42	8	26	11	13	2	27	55	14
25	2	15	11	03	14	16	10	29	00	46	1	15	36	02	8	00	11	59	8	26	12	44	2	27	53	11
26	3	16	11	04	23	10	11	00	13	20	1	16	15	25	8	00	11	05	8	26	14	09	2	27	48	36
27	4	17	11	05	34	25	11	01	25	54	1	16	54	48	8	00	09	59	8	26	15	28	2	27	41	13
28	5	18	11	06	47	58	11	02	38	28	1	17	34	08	8	00	08	43	8	26	16	42	2	27	31	25
29	6	19	11	08	03	42	11	03	51	04	1	18	13	28	8	00	07	16	8	26	17	49	2	27	20	03
30	7	20	11	09	21	34	11	05	03	41	1	18	52	46	8	00	05	37	8	26	18	51	2	27	08	22

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Vysk.	(ni) Vysk.	Apr.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	21	11	10	41	30	11	06	16	18	1	19	32	02	8	00	03	48	8	26	19	47	2	26	57	37
2	9	22	11	12	03	28	11	07	28	57	1	20	11	17	8	00	01	47	8	26	20	38	2	26	48	48
3	10	23	11	13	27	24	11	08	41	36	1	20	50	31	7	29	59	36	8	26	21	22	2	26	42	30
4	11	24	11	14	53	17	11	09	54	17	1	21	29	44	7	29	57	14	8	26	22	00	2	26	38	47
5	12	25	11	16	21	05	11	11	06	58	1	22	08	55	7	29	54	40	8	26	22	33	2	26	37	13
6	13	26	11	17	50	45	11	12	19	40	1	22	48	05	7	29	51	57	8	26	23	00	2	26	36	58
7	14	27	11	19	22	17	11	13	32	23	1	23	27	14	7	29	49	02	8	26	23	21	2	26	37	01
8	15	28	11	20	55	40	11	14	45	07	1	24	06	22	7	29	45	57	8	26	23	36	2	26	36	17
9	16	29	11	22	30	53	11	15	57	52	1	24	45	29	7	29	42	41	8	26	23	45	2	26	33	53
10	17	30	11	24	07	55	11	17	10	37	1	25	24	34	7	29	39	15	8	26	23	48	2	26	29	12
		May																								
11	18	1	11	25	46	47	11	18	23	23	1	26	03	39	7	29	35	38	8	26	23	45	2	26	22	03
12	19	2	11	27	27	27	11	19	36	10	1	26	42	42	7	29	31	51	8	26	23	36	2	26	12	38
13	20	3	11	29	09	58	11	20	48	57	1	27	21	45	7	29	27	54	8	26	23	22	2	26	01	33
14	21	4	0	00	54	17	11	22	01	45	1	28	00	46	7	29	23	47	8	26	23	01	2	25	49	45
15	22	5	0	02	40	27	11	23	14	33	1	28	39	46	7	29	19	31	8	26	22	35	2	25	38	18
16	23	6	0	04	28	26	11	24	27	22	1	29	18	45	7	29	15	04	8	26	22	03	2	25	28	18
17	24	7	0	06	18	16	11	25	40	11	1	29	57	43	7	29	10	29	8	26	21	25	2	25	20	35
18	25	8	0	08	09	57	11	26	53	00	2	00	36	40	7	29	05	44	8	26	20	41	2	25	15	34
19	26	9	0	10	03	27	11	28	05	50	2	01	15	35	7	29	00	49	8	26	19	52	2	25	13	11
20	27	10	0	11	58	47	11	29	18	40	2	01	54	30	7	28	55	46	8	26	18	56	2	25	12	49
21	28	11	0	13	55	56	0	00	31	31	2	02	33	23	7	28	50	34	8	26	17	56	2	25	13	30
22	29	12	0	15	54	52	0	01	44	22	2	03	12	15	7	28	45	14	8	26	16	49	2	25	14	04
23	30	13	0	17	55	33	0	02	57	13	2	03	51	05	7	28	39	45	8	26	15	37	2	25	13	25
24	31	14	0	19	57	55	0	04	10	04	2	04	29	55	7	28	34	08	8	26	14	19	2	25	10	49
		(ni) Jyst.																								
25	1	15	0	22	01	54	0	05	22	56	2	05	08	43	7	28	28	24	8	26	12	56	2	25	05	58
26	2	16	0	24	07	25	0	06	35	48	2	05	47	30	7	28	22	31	8	26	11	27	2	24	59	07
27	3	17	0	26	14	22	0	07	48	40	2	06	26	16	7	28	16	31	8	26	09	53	2	24	50	57
28	4	18	0	28	22	34	0	09	01	33	2	07	05	00	7	28	10	24	8	26	08	13	2	24	42	28
29	5	19	1	00	31	53	0	10	14	27	2	07	43	44	7	28	04	10	8	26	06	28	2	24	34	37
30	6	20	1	02	42	08	0	11	27	21	2	08	22	26	7	27	57	50	8	26	04	38	2	24	28	16
31	7	21	1	04	53	05	0	12	40	16	2	09	01	07	7	27	51	22	8	26	02	43	2	24	23	54

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Jyst.	(ni) Jyst.	May	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	22	1	07	04	30	0	13	53	11	2	09	39	47	7	27	44	48	8	26	00	42	2	24	21	38
2	9	23	1	09	16	07	0	15	06	07	2	10	18	27	7	27	38	09	8	25	58	36	2	24	21	10
3	10	24	1	11	27	41	0	16	19	04	2	10	57	05	7	27	31	23	8	25	56	25	2	24	21	57
4	11	25	1	13	38	54	0	17	32	01	2	11	35	42	7	27	24	32	8	25	54	09	2	24	23	14
5	12	26	1	15	49	31	0	18	44	59	2	12	14	18	7	27	17	35	8	25	51	48	2	24	24	16
6	13	27	1	17	59	14	0	19	57	58	2	12	52	54	7	27	10	34	8	25	49	22	2	24	24	22
7	14	28	1	20	07	49	0	21	10	57	2	13	31	29	7	27	03	28	8	25	46	51	2	24	23	04
8	15	29	1	22	15	00	0	22	23	57	2	14	10	02	7	26	56	17	8	25	44	16	2	24	20	10
9	16	30	1	24	20	34	0	23	36	58	2	14	48	35	7	26	49	02	8	25	41	35	2	24	15	43
10	17	31	1	26	24	19	0	24	49	59	2	15	27	08	7	26	41	43	8	25	38	50	2	24	10	05
		June																								
11	18	1	1	28	26	06	0	26	03	01	2	16	05	39	7	26	34	21	8	25	36	01	2	24	03	52
12	19	2	2	00	25	44	0	27	16	03	2	16	44	10	7	26	26	56	8	25	33	06	2	23	57	44
13	20	3	2	02	23	07	0	28	29	06	2	17	22	39	7	26	19	27	8	25	30	08	2	23	52	25
14	21	4	2	04	18	09	0	29	42	10	2	18	01	08	7	26	11	57	8	25	27	05	2	23	48	27
15	22	5	2	06	10	44	1	00	55	14	2	18	39	37	7	26	04	23	8	25	23	58	2	23	46	09
16	23	6	2	08	00	49	1	02	08	19	2	19	18	04	7	25	56	48	8	25	20	46	2	23	45	28
17	24	7	2	09	48	20	1	03	21	24	2	19	56	31	7	25	49	12	8	25	17	31	2	23	46	06
18	25	8	2	11	33	15	1	04	34	29	2	20	34	56	7	25	41	34	8	25	14	12	2	23	47	26
19	26	9	2	13	15	33	1	05	47	35	2	21	13	21	7	25	33	55	8	25	10	49	2	23	48	46
20	27	10	2	14	55	11	1	07	00	41	2	21	51	45	7	25	26	16	8	25	07	22	2	23	49	30
21	28	11	2	16	32	08	1	08	13	48	2	22	30	08	7	25	18	37	8	25	03	51	2	23	49	10
22	29	12	2	18	06	23	1	09	26	55	2	23	08	30	7	25	10	57	8	25	00	17	2	23	47	37
23	30	13	2	19	37	55	1	10	40	03	2	23	46	52	7	25	03	18	8	24	56	40	2	23	44	58
24	31	14	2	21	06	42	1	11	53	12	2	24	25	12	7	24	55	40	8	24	52	59	2	23	41	37
		(ni) Asar																								
25	1	15	2	22	32	42	1	13	06	21	2	25	03	32	7	24	48	03	8	24	49	15	2	23	38	05
26	2	16	2	23	55	55	1	14	19	31	2	25	41	51	7	24	40	27	8	24	45	28	2	23	34	52
27	3	17	2	25	16	17	1	15	32	41	2	26	20	09	7	24	32	53	8	24	41	38	2	23	32	24
28	4	18	2	26	33	47	1	16	45	53	2	26	58	26	7	24	25	20	8	24	37	45	2	23	30	56
29	5	19	2	27	48	21	1	17	59	05	2	27	36	43	7	24	17	50	8	24	33	50	2	23	30	30
30	6	20	2	28	59	57	1	19	12	18	2	28	14	59	7	24	10	23	8	24	29	51	2	23	30	58
31	7	21	3	00	08	30	1	20	25	32	2	28	53	14	7	24	02	58	8	24	25	50	2	23	32	04

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury		Venus		Mars		Jupiter		Saturn		Rahu (True)	
1941 S.E.	5120 K.E.	2019 A.D.												
Asar.	(ni) Asar.	June	s	o	'	"	s	o	'	"	s	o	'	"
1	8	22	3	01	13	58	1	21	38	47	2	29	31	29
2	9	23	3	02	16	14	1	22	52	03	3	00	09	44
3	10	24	3	03	15	16	1	24	05	19	3	00	47	57
4	11	25	3	04	10	56	1	25	18	37	3	01	26	11
5	12	26	3	05	03	10	1	26	31	56	3	02	04	24
6	13	27	3	05	51	51	1	27	45	16	3	02	42	36
7	14	28	3	06	36	52	1	28	58	37	3	03	20	48
8	15	29	3	07	18	07	2	00	11	59	3	03	59	00
9	16	30	3	07	55	29	2	01	25	22	3	04	37	11
		July												
10	17	1	3	08	28	50	2	02	38	46	3	05	15	22
11	18	2	3	08	58	03	2	03	52	11	3	05	53	33
12	19	3	3	09	23	00	2	05	05	37	3	06	31	43
13	20	4	3	09	43	36	2	06	19	03	3	07	09	53
14	21	5	3	09	59	43	2	07	32	31	3	07	48	02
15	22	6	3	10	11	16	2	08	45	59	3	08	26	12
16	23	7	3	10	18	10	2	09	59	29	3	09	04	20
17	24	8	3	10	20	23	2	11	12	59	3	09	42	28
18	25	9	3	10	17	52	2	12	26	30	3	10	20	36
19	26	10	3	10	10	40	2	13	40	02	3	10	58	43
20	27	11	3	09	58	50	2	14	53	35	3	11	36	50
21	28	12	3	09	42	28	2	16	07	08	3	12	14	57
22	29	13	3	09	21	46	2	17	20	43	3	12	53	03
23	30	14	3	08	56	57	2	18	34	18	3	13	31	08
24	31	15	3	08	28	19	2	19	47	55	3	14	09	14
	(ni) Srvn.													
25	1	16	3	07	56	16	2	21	01	32	3	14	47	19
26	2	17	3	07	21	14	2	22	15	11	3	15	25	24
27	3	18	3	06	43	45	2	23	28	50	3	16	03	28
28	4	19	3	06	04	24	2	24	42	31	3	16	41	33
29	5	20	3	05	23	49	2	25	56	13	3	17	19	37
30	6	21	3	04	42	40	2	27	09	56	3	17	57	41
31	7	22	3	04	01	42	2	28	23	40	3	18	35	45

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Srvn.	(ni) Srvn.	July.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	23	3	03	21	38	2	29	37	26	3	19	13	49	7	20	58	00	8	22	07	31	2	23	25	42
2	9	24	3	02	43	11	3	00	51	13	3	19	51	53	7	20	54	33	8	22	03	18	2	23	24	41
3	10	25	3	02	07	04	3	02	05	01	3	20	29	57	7	20	51	15	8	21	59	07	2	23	24	13
4	11	26	3	01	33	57	3	03	18	50	3	21	08	01	7	20	48	08	8	21	54	57	2	23	24	22
5	12	27	3	01	04	28	3	04	32	40	3	21	46	06	7	20	45	11	8	21	50	50	2	23	25	05
6	13	28	3	00	39	12	3	05	46	32	3	22	24	10	7	20	42	25	8	21	46	45	2	23	26	12
7	14	29	3	00	18	39	3	07	00	25	3	23	02	14	7	20	39	49	8	21	42	43	2	23	27	24
8	15	30	3	00	03	15	3	08	14	19	3	23	40	19	7	20	37	24	8	21	38	43	2	23	28	19
9	16	31	2	29	53	23	3	09	28	14	3	24	18	23	7	20	35	10	8	21	34	45	2	23	28	33
		Aug.																								
10	17	1	2	29	49	22	3	10	42	11	3	24	56	28	7	20	33	07	8	21	30	51	2	23	27	53
11	18	2	2	29	51	25	3	11	56	08	3	25	34	32	7	20	31	15	8	21	26	59	2	23	26	13
12	19	3	2	29	59	45	3	13	10	06	3	26	12	37	7	20	29	33	8	21	23	10	2	23	23	44
13	20	4	3	00	14	29	3	14	24	06	3	26	50	42	7	20	28	03	8	21	19	24	2	23	20	46
14	21	5	3	00	35	41	3	15	38	06	3	27	28	47	7	20	26	44	8	21	15	42	2	23	17	51
15	22	6	3	01	03	25	3	16	52	07	3	28	06	51	7	20	25	36	8	21	12	02	2	23	15	30
16	23	7	3	01	37	40	3	18	06	09	3	28	44	56	7	20	24	39	8	21	08	27	2	23	14	06
17	24	8	3	02	18	24	3	19	20	12	3	29	23	01	7	20	23	54	8	21	04	54	2	23	13	50
18	25	9	3	03	05	33	3	20	34	16	4	00	01	06	7	20	23	19	8	21	01	26	2	23	14	38
19	26	10	3	03	59	01	3	21	48	20	4	00	39	11	7	20	22	56	8	20	58	01	2	23	16	09
20	27	11	3	04	58	41	3	23	02	25	4	01	17	16	7	20	22	44	8	20	54	40	2	23	17	49
21	28	12	3	06	04	23	3	24	16	32	4	01	55	21	7	20	22	43	8	20	51	23	2	23	19	01
22	29	13	3	07	15	55	3	25	30	39	4	02	33	26	7	20	22	53	8	20	48	10	2	23	19	11
23	30	14	3	08	33	05	3	26	44	47	4	03	11	32	7	20	23	14	8	20	45	01	2	23	17	50
24	31	15	3	09	55	37	3	27	58	56	4	03	49	37	7	20	23	47	8	20	41	56	2	23	14	47
		(ni) Bhdr.																								
25	1	16	3	11	23	15	3	29	13	06	4	04	27	43	7	20	24	30	8	20	38	55	2	23	10	05
26	2	17	3	12	55	38	4	00	27	16	4	05	05	49	7	20	25	25	8	20	35	59	2	23	04	02
27	3	18	3	14	32	26	4	01	41	28	4	05	43	56	7	20	26	30	8	20	33	07	2	22	57	10
28	4	19	3	16	13	16	4	02	55	41	4	06	22	03	7	20	27	47	8	20	30	20	2	22	50	07
29	5	20	3	17	57	45	4	04	09	54	4	07	00	10	7	20	29	14	8	20	27	37	2	22	43	37
30	6	21	3	19	45	27	4	05	24	09	4	07	38	17	7	20	30	52	8	20	24	59	2	22	38	18
31	7	22	3	21	35	56	4	06	38	24	4	08	16	25	7	20	32	42	8	20	22	26	2	22	34	36

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Bhdr.	(ni) Bhdr.	Aug.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	23	3	23	28	48	4	07	52	41	4	08	54	34	7	20	34	42	8	20	19	58	2	22	32	43
2	9	24	3	25	23	36	4	09	06	58	4	09	32	43	7	20	36	53	8	20	17	34	2	22	32	27
3	10	25	3	27	19	57	4	10	21	17	4	10	10	52	7	20	39	15	8	20	15	15	2	22	33	19
4	11	26	3	29	17	28	4	11	35	36	4	10	49	03	7	20	41	47	8	20	13	02	2	22	34	32
5	12	27	4	01	15	48	4	12	49	56	4	11	27	13	7	20	44	31	8	20	10	53	2	22	35	12
6	13	28	4	03	14	36	4	14	04	17	4	12	05	24	7	20	47	25	8	20	08	49	2	22	34	28
7	14	29	4	05	13	36	4	15	18	39	4	12	43	36	7	20	50	29	8	20	06	51	2	22	31	49
8	15	30	4	07	12	33	4	16	33	02	4	13	21	48	7	20	53	45	8	20	04	58	2	22	27	05
9	16	31	4	09	11	13	4	17	47	25	4	14	00	01	7	20	57	11	8	20	03	11	2	22	20	36
		Sept.																								
10	17	1	4	11	09	25	4	19	01	49	4	14	38	14	7	21	00	47	8	20	01	29	2	22	13	04
11	18	2	4	13	06	59	4	20	16	14	4	15	16	27	7	21	04	34	8	19	59	52	2	22	05	29
12	19	3	4	15	03	48	4	21	30	39	4	15	54	41	7	21	08	31	8	19	58	21	2	21	58	50
13	20	4	4	16	59	45	4	22	45	04	4	16	32	56	7	21	12	38	8	19	56	55	2	21	53	52
14	21	5	4	18	54	45	4	23	59	31	4	17	11	11	7	21	16	56	8	19	55	35	2	21	50	58
15	22	6	4	20	48	45	4	25	13	57	4	17	49	26	7	21	21	24	8	19	54	21	2	21	50	00
16	23	7	4	22	41	40	4	26	28	24	4	18	27	42	7	21	26	01	8	19	53	12	2	21	50	25
17	24	8	4	24	33	30	4	27	42	51	4	19	05	58	7	21	30	49	8	19	52	09	2	21	51	18
18	25	9	4	26	24	13	4	28	57	19	4	19	44	15	7	21	35	46	8	19	51	12	2	21	51	36
19	26	10	4	28	13	48	5	00	11	47	4	20	22	32	7	21	40	53	8	19	50	20	2	21	50	21
20	27	11	5	00	02	15	5	01	26	15	4	21	00	50	7	21	46	10	8	19	49	34	2	21	46	48
21	28	12	5	01	49	33	5	02	40	44	4	21	39	09	7	21	51	36	8	19	48	54	2	21	40	34
22	29	13	5	03	35	44	5	03	55	13	4	22	17	28	7	21	57	12	8	19	48	20	2	21	31	43
23	30	14	5	05	20	47	5	05	09	42	4	22	55	48	7	22	02	57	8	19	47	51	2	21	20	41
24	31	15	5	07	04	43	5	06	24	12	4	23	34	08	7	22	08	51	8	19	47	29	2	21	08	16
		(ni) Asvn.																								
25	1	16	5	08	47	34	5	07	38	42	4	24	12	29	7	22	14	55	8	19	47	12	2	20	55	30
26	2	17	5	10	29	21	5	08	53	12	4	24	50	51	7	22	21	07	8	19	47	01	2	20	43	27
27	3	18	5	12	10	03	5	10	07	43	4	25	29	14	7	22	27	29	8	19	46	56	2	20	33	09
28	4	19	5	13	49	43	5	11	22	14	4	26	07	38	7	22	33	59	8	19	46	56	2	20	25	19
29	5	20	5	15	28	22	5	12	36	46	4	26	46	02	7	22	40	39	8	19	47	03	2	20	20	16
30	6	21	5	17	06	00	5	13	51	18	4	27	24	27	7	22	47	27	8	19	47	16	2	20	17	47
31	7	22	5	18	42	38	5	15	05	51	4	28	02	53	7	22	54	24	8	19	47	34	2	20	17	11

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury		Venus		Mars		Jupiter		Saturn		Rahu (True)	
1941 S.E.	5120 K.E.	2019 A.D.												
Asvn.	(ni) Asvn.	Sept.	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "	s ° ' "
1	8	23	5 20 18 18	5 16 20 24	4 28 41 20	7 23 01 29	8 19 47 58	2 20 17 23						
2	9	24	5 21 52 59	5 17 34 57	4 29 19 48	7 23 08 43	8 19 48 29	2 20 17 08						
3	10	25	5 23 26 43	5 18 49 31	4 29 58 17	7 23 16 06	8 19 49 05	2 20 15 15						
4	11	26	5 24 59 31	5 20 04 05	5 00 36 47	7 23 23 37	8 19 49 47	2 20 10 56						
5	12	27	5 26 31 23	5 21 18 39	5 01 15 17	7 23 31 16	8 19 50 35	2 20 03 54						
6	13	28	5 28 02 18	5 22 33 14	5 01 53 49	7 23 39 03	8 19 51 29	2 19 54 30						
7	14	29	5 29 32 18	5 23 47 49	5 02 32 21	7 23 46 59	8 19 52 29	2 19 43 37						
8	15	30	6 01 01 21	5 25 02 24	5 03 10 54	7 23 55 02	8 19 53 35	2 19 32 30						
		Oct.												
9	16	1	6 02 29 29	5 26 17 00	5 03 49 28	7 24 03 14	8 19 54 46	2 19 22 24						
10	17	2	6 03 56 39	5 27 31 35	5 04 28 03	7 24 11 33	8 19 56 04	2 19 14 20						
11	18	3	6 05 22 52	5 28 46 10	5 05 06 39	7 24 20 00	8 19 57 28	2 19 08 50						
12	19	4	6 06 48 07	6 00 00 46	5 05 45 15	7 24 28 34	8 19 58 57	2 19 05 53						
13	20	5	6 08 12 22	6 01 15 21	5 06 23 52	7 24 37 16	8 20 00 32	2 19 04 53						
14	21	6	6 09 35 35	6 02 29 56	5 07 02 30	7 24 46 06	8 20 02 13	2 19 04 49						
15	22	7	6 10 57 44	6 03 44 31	5 07 41 09	7 24 55 02	8 20 04 00	2 19 04 29						
16	23	8	6 12 18 48	6 04 59 06	5 08 19 49	7 25 04 06	8 20 05 53	2 19 02 44						
17	24	9	6 13 38 44	6 06 13 41	5 08 58 29	7 25 13 17	8 20 07 51	2 18 58 39						
18	25	10	6 14 57 27	6 07 28 16	5 09 37 11	7 25 22 35	8 20 09 55	2 18 51 43						
19	26	11	6 16 14 55	6 08 42 50	5 10 15 53	7 25 31 59	8 20 12 05	2 18 41 55						
20	27	12	6 17 31 03	6 09 57 25	5 10 54 36	7 25 41 31	8 20 14 20	2 18 29 41						
21	28	13	6 18 45 45	6 11 11 59	5 11 33 20	7 25 51 09	8 20 16 41	2 18 15 50						
22	29	14	6 19 58 56	6 12 26 33	5 12 12 05	7 26 00 53	8 20 19 07	2 18 01 29						
23	30	15	6 21 10 29	6 13 41 07	5 12 50 52	7 26 10 45	8 20 21 39	2 17 47 50						
	(ni) Krtk.													
24	1	16	6 22 20 16	6 14 55 41	5 13 29 39	7 26 20 42	8 20 24 16	2 17 36 01						
25	2	17	6 23 28 08	6 16 10 15	5 14 08 27	7 26 30 46	8 20 26 59	2 17 26 51						
26	3	18	6 24 33 56	6 17 24 49	5 14 47 17	7 26 40 56	8 20 29 47	2 17 20 45						
27	4	19	6 25 37 27	6 18 39 23	5 15 26 07	7 26 51 12	8 20 32 41	2 17 17 33						
28	5	20	6 26 38 28	6 19 53 58	5 16 04 59	7 27 01 35	8 20 35 40	2 17 16 36						
29	6	21	6 27 36 46	6 21 08 32	5 16 43 52	7 27 12 03	8 20 38 44	2 17 16 47						
30	7	22	6 28 32 03	6 22 23 06	5 17 22 46	7 27 22 37	8 20 41 53	2 17 16 49						

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Krtk.	(ni) Krtk.	Oct.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	23	6	29	23	59	6	23	37	40	5	18	01	42	7	27	33	17	8	20	45	08	2	17	15	28
2	9	24	7	00	12	16	6	24	52	14	5	18	40	38	7	27	44	03	8	20	48	28	2	17	11	52
3	10	25	7	00	56	28	6	26	06	49	5	19	19	36	7	27	54	54	8	20	51	54	2	17	05	39
4	11	26	7	01	36	09	6	27	21	23	5	19	58	35	7	28	05	51	8	20	55	24	2	16	57	07
5	12	27	7	02	10	52	6	28	35	57	5	20	37	35	7	28	16	54	8	20	58	59	2	16	47	03
6	13	28	7	02	40	03	6	29	50	32	5	21	16	36	7	28	28	01	8	21	02	40	2	16	36	36
7	14	29	7	03	03	10	7	01	05	06	5	21	55	38	7	28	39	15	8	21	06	26	2	16	27	00
8	15	30	7	03	19	37	7	02	19	40	5	22	34	41	7	28	50	33	8	21	10	16	2	16	19	15
9	16	31	7	03	28	47	7	03	34	14	5	23	13	45	7	29	01	56	8	21	14	11	2	16	13	56
		Nov.																								
10	17	1	7	03	30	02	7	04	48	47	5	23	52	50	7	29	13	25	8	21	18	12	2	16	11	09
11	18	2	7	03	22	47	7	06	03	21	5	24	31	57	7	29	24	58	8	21	22	17	2	16	10	25
12	19	3	7	03	06	30	7	07	17	54	5	25	11	04	7	29	36	36	8	21	26	27	2	16	10	56
13	20	4	7	02	40	48	7	08	32	26	5	25	50	12	7	29	48	18	8	21	30	41	2	16	11	39
14	21	5	7	02	05	27	7	09	46	58	5	26	29	22	8	00	00	06	8	21	35	00	2	16	11	33
15	22	6	7	01	20	30	7	11	01	30	5	27	08	32	8	00	11	57	8	21	39	24	2	16	09	49
16	23	7	7	00	26	18	7	12	16	02	5	27	47	44	8	00	23	53	8	21	43	52	2	16	05	55
17	24	8	6	29	23	38	7	13	30	32	5	28	26	56	8	00	35	54	8	21	48	24	2	15	59	43
18	25	9	6	28	13	44	7	14	45	03	5	29	06	10	8	00	47	58	8	21	53	01	2	15	51	31
19	26	10	6	26	58	17	7	15	59	33	5	29	45	25	8	01	00	07	8	21	57	43	2	15	41	54
20	27	11	6	25	39	22	7	17	14	03	6	00	24	41	8	01	12	20	8	22	02	28	2	15	31	44
21	28	12	6	24	19	25	7	18	28	32	6	01	03	58	8	01	24	36	8	22	07	18	2	15	21	58
22	29	13	6	23	01	02	7	19	43	00	6	01	43	16	8	01	36	57	8	22	12	12	2	15	13	31
23	30	14	6	21	46	45	7	20	57	29	6	02	22	36	8	01	49	21	8	22	17	10	2	15	07	05
		(ni) Aghn.																								
24	1	15	6	20	38	59	7	22	11	56	6	03	01	57	8	02	01	49	8	22	22	12	2	15	03	01
25	2	16	6	19	39	42	7	23	26	24	6	03	41	19	8	02	14	21	8	22	27	18	2	15	01	17
26	3	17	6	18	50	28	7	24	40	51	6	04	20	43	8	02	26	56	8	22	32	28	2	15	01	24
27	4	18	6	18	12	19	7	25	55	18	6	05	00	08	8	02	39	35	8	22	37	42	2	15	02	35
28	5	19	6	17	45	48	7	27	09	44	6	05	39	34	8	02	52	17	8	22	42	59	2	15	03	51
29	6	20	6	17	30	59	7	28	24	10	6	06	19	02	8	03	05	02	8	22	48	21	2	15	04	19
30	7	21	6	17	27	37	7	29	38	36	6	06	58	31	8	03	17	51	8	22	53	46	2	15	03	17

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Aghn.	(ni) Aghn.	Nov.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	22	6	17	35	08	8	00	53	02	6	07	38	01	8	03	30	43	8	22	59	15	2	15	00	28
2	9	23	6	17	52	50	8	02	07	27	6	08	17	33	8	03	43	38	8	23	04	47	2	14	56	01
3	10	24	6	18	19	50	8	03	21	52	6	08	57	06	8	03	56	36	8	23	10	23	2	14	50	26
4	11	25	6	18	55	16	8	04	36	16	6	09	36	40	8	04	09	37	8	23	16	02	2	14	44	30
5	12	26	6	19	38	15	8	05	50	40	6	10	16	15	8	04	22	41	8	23	21	45	2	14	39	01
6	13	27	6	20	27	54	8	07	05	04	6	10	55	52	8	04	35	48	8	23	27	32	2	14	34	42
7	14	28	6	21	23	25	8	08	19	27	6	11	35	30	8	04	48	57	8	23	33	21	2	14	31	58
8	15	29	6	22	24	03	8	09	33	49	6	12	15	09	8	05	02	09	8	23	39	14	2	14	30	56
9	16	30	6	23	29	09	8	10	48	10	6	12	54	49	8	05	15	23	8	23	45	10	2	14	31	20
		Dec.																								
10	17	1	6	24	38	07	8	12	02	31	6	13	34	30	8	05	28	39	8	23	51	09	2	14	32	44
11	18	2	6	25	50	24	8	13	16	51	6	14	14	12	8	05	41	58	8	23	57	11	2	14	34	30
12	19	3	6	27	05	32	8	14	31	10	6	14	53	56	8	05	55	19	8	24	03	15	2	14	36	04
13	20	4	6	28	23	09	8	15	45	28	6	15	33	40	8	06	08	42	8	24	09	23	2	14	36	54
14	21	5	6	29	42	51	8	16	59	45	6	16	13	26	8	06	22	07	8	24	15	33	2	14	36	41
15	22	6	7	01	04	22	8	18	14	01	6	16	53	13	8	06	35	34	8	24	21	47	2	14	35	18
16	23	7	7	02	27	25	8	19	28	15	6	17	33	01	8	06	49	03	8	24	28	02	2	14	32	51
17	24	8	7	03	51	47	8	20	42	29	6	18	12	50	8	07	02	34	8	24	34	21	2	14	29	36
18	25	9	7	05	17	17	8	21	56	41	6	18	52	41	8	07	16	06	8	24	40	42	2	14	25	59
19	26	10	7	06	43	45	8	23	10	52	6	19	32	33	8	07	29	40	8	24	47	05	2	14	22	27
20	27	11	7	08	11	03	8	24	25	02	6	20	12	26	8	07	43	15	8	24	53	31	2	14	19	26
21	28	12	7	09	39	03	8	25	39	10	6	20	52	20	8	07	56	52	8	24	59	59	2	14	17	16
22	29	13	7	11	07	41	8	26	53	17	6	21	32	16	8	08	10	30	8	25	06	29	2	14	16	07
23	30	14	7	12	36	50	8	28	07	23	6	22	12	13	8	08	24	10	8	25	13	02	2	14	15	58
	(ni) Pausa																									
24	1	15	7	14	06	28	8	29	21	27	6	22	52	11	8	08	37	51	8	25	19	36	2	14	16	35
25	2	16	7	15	36	30	9	00	35	30	6	23	32	11	8	08	51	33	8	25	26	13	2	14	17	38
26	3	17	7	17	06	55	9	01	49	31	6	24	12	12	8	09	05	16	8	25	32	52	2	14	18	44
27	4	18	7	18	37	39	9	03	03	31	6	24	52	15	8	09	19	00	8	25	39	32	2	14	19	34
28	5	19	7	20	08	41	9	04	17	30	6	25	32	19	8	09	32	45	8	25	46	15	2	14	19	54
29	6	20	7	21	40	00	9	05	31	27	6	26	12	24	8	09	46	31	8	25	52	59	2	14	19	40
30	7	21	7	23	11	34	9	06	45	23	6	26	52	31	8	10	00	17	8	25	59	45	2	14	18	57

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2019 A.D.																								
Paus.	(ni) Paus.	Dec.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	22	7	24	43	24	9	07	59	17	6	27	32	39	8	10	14	05	8	26	06	33	2	14	17	58
2	9	23	7	26	15	28	9	09	13	10	6	28	12	49	8	10	27	53	8	26	13	22	2	14	16	56
3	10	24	7	27	47	46	9	10	27	01	6	28	53	00	8	10	41	41	8	26	20	13	2	14	16	03
4	11	25	7	29	20	18	9	11	40	50	6	29	33	12	8	10	55	30	8	26	27	06	2	14	15	27
5	12	26	8	00	53	04	9	12	54	37	7	00	13	25	8	11	09	20	8	26	33	59	2	14	15	11
6	13	27	8	02	26	04	9	14	08	23	7	00	53	39	8	11	23	10	8	26	40	54	2	14	15	11
7	14	28	8	03	59	20	9	15	22	06	7	01	33	55	8	11	36	57	8	26	47	51	2	14	15	21
8	15	29	8	05	32	50	9	16	35	47	7	02	14	11	8	11	50	49	8	26	54	48	2	14	15	32
9	16	30	8	07	06	37	9	17	49	26	7	02	54	29	8	12	04	39	8	27	01	47	2	14	15	39
10	17	31	8	08	40	40	9	19	03	02	7	03	34	48	8	12	18	28	8	27	08	46	2	14	15	39
			Jan'20																							
11	18	1	8	10	15	01	9	20	16	36	7	04	15	08	8	12	32	18	8	27	15	47	2	14	15	34
12	19	2	8	11	49	39	9	21	30	07	7	04	55	29	8	12	46	07	8	27	22	48	2	14	15	26
13	20	3	8	13	24	37	9	22	43	35	7	05	35	51	8	12	59	56	8	27	29	51	2	14	15	22
14	21	4	8	14	59	54	9	23	57	01	7	06	16	15	8	13	13	45	8	27	36	54	2	14	15	28
15	22	5	8	16	35	32	9	25	10	23	7	06	56	39	8	13	27	33	8	27	43	57	2	14	15	49
16	23	6	8	18	11	32	9	26	23	43	7	07	37	05	8	13	41	20	8	27	51	01	2	14	16	26
17	24	7	8	19	47	54	9	27	36	59	7	08	17	32	8	13	55	07	8	27	58	06	2	14	17	14
18	25	8	8	21	24	39	9	28	50	12	7	08	58	00	8	14	08	53	8	28	05	11	2	14	18	05
19	26	9	8	23	01	49	10	00	03	21	7	09	38	30	8	14	22	38	8	28	12	17	2	14	18	46
20	27	10	8	24	39	24	10	01	16	27	7	10	19	01	8	14	36	22	8	28	19	23	2	14	19	03
21	28	11	8	26	17	25	10	02	29	29	7	10	59	33	8	14	50	05	8	28	26	29	2	14	18	46
22	29	12	8	27	55	53	10	03	42	28	7	11	40	06	8	15	03	47	8	28	33	35	2	14	17	49
23	30	13	8	29	34	47	10	04	55	22	7	12	20	41	8	15	17	28	8	28	40	42	2	14	16	17
			(ni) Magha																							
24	1	14	9	01	14	09	10	06	08	13	7	13	01	17	8	15	31	08	8	28	47	46	2	14	14	21
25	2	15	9	02	53	59	10	07	21	01	7	13	41	54	8	15	44	47	8	28	54	54	2	14	12	23
26	3	16	9	04	34	17	10	08	33	44	7	14	22	33	8	15	58	24	8	29	02	00	2	14	10	44
27	4	17	9	06	15	02	10	09	46	23	7	15	03	13	8	16	12	00	8	29	09	07	2	14	09	46
28	5	18	9	07	56	14	10	10	58	59	7	15	43	55	8	16	25	35	8	29	16	13	2	14	09	39
29	6	19	9	09	37	53	10	12	11	30	7	16	24	38	8	16	39	08	8	29	23	19	2	14	10	22
30	7	20	9	11	19	56	10	13	23	57	7	17	05	22	8	16	52	39	8	29	30	24	2	14	11	42

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2020 A.D.																								
Magha	(ni) Magha	Jan.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	21	9	13	02	23	10	14	36	19	7	17	46	07	8	17	06	08	8	29	37	29	2	14	13	12
2	9	22	9	14	45	10	10	15	48	37	7	18	26	54	8	17	19	36	8	29	44	34	2	14	14	22
3	10	23	9	16	28	14	10	17	00	51	7	19	07	41	8	17	33	02	8	29	51	38	2	14	14	40
4	11	24	9	18	11	31	10	18	13	00	7	19	48	30	8	17	46	25	8	29	58	42	2	14	13	44
5	12	25	9	19	54	57	10	19	25	04	7	20	29	20	8	17	59	47	9	00	05	44	2	14	11	23
6	13	26	9	21	38	25	10	20	37	02	7	21	10	11	8	18	13	06	9	00	12	46	2	14	07	40
7	14	27	9	23	21	47	10	21	48	56	7	21	51	03	8	18	26	23	9	00	19	47	2	14	02	52
8	15	28	9	25	04	55	10	23	00	44	7	22	31	56	8	18	39	37	9	00	26	47	2	13	57	29
9	16	29	9	26	47	38	10	24	12	26	7	23	12	50	8	18	52	49	9	00	33	47	2	13	52	05
10	17	30	9	28	29	43	10	25	24	03	7	23	53	45	8	19	05	58	9	00	40	45	2	13	47	15
11	18	31	10	00	10	54	10	26	35	33	7	24	34	41	8	19	19	05	9	00	47	42	2	13	43	31
		Feb.																								
12	19	1	10	01	50	55	10	27	46	57	7	25	15	38	8	19	32	09	9	00	54	37	2	13	41	13
13	20	2	10	03	29	24	10	28	58	15	7	25	56	36	8	19	45	10	9	01	01	32	2	13	40	26
14	21	3	10	05	05	59	11	00	09	26	7	26	37	35	8	19	58	08	9	01	08	25	2	13	40	59
15	22	4	10	06	40	11	11	01	20	30	7	27	18	35	8	20	11	03	9	01	15	16	2	13	42	24
16	23	5	10	08	11	32	11	02	31	27	7	27	59	36	8	20	23	55	9	01	22	06	2	13	44	00
17	24	6	10	09	39	27	11	03	42	17	7	28	40	38	8	20	36	44	9	01	28	55	2	13	45	00
18	25	7	10	11	03	19	11	04	52	59	7	29	21	42	8	20	49	29	9	01	35	42	2	13	44	42
19	26	8	10	12	22	28	11	06	03	34	8	00	02	46	8	21	02	11	9	01	42	27	2	13	42	35
20	27	9	10	13	36	13	11	07	14	01	8	00	43	52	8	21	14	50	9	01	49	11	2	13	38	30
21	28	10	10	14	43	48	11	08	24	19	8	01	24	59	8	21	27	25	9	01	55	53	2	13	32	43
22	29	11	10	15	44	29	11	09	34	30	8	02	06	07	8	21	39	57	9	02	02	33	2	13	25	52
23	30	12	10	16	37	30	11	10	44	32	8	02	47	16	8	21	52	25	9	02	09	11	2	13	18	52
	(ni) Phgn.																									
24	1	13	10	17	22	09	11	11	54	26	8	03	28	26	8	22	04	49	9	02	15	47	2	13	12	38
25	2	14	10	17	57	45	11	13	04	12	8	04	09	38	8	22	17	10	9	02	22	21	2	13	07	58
26	3	15	10	18	23	46	11	14	13	48	8	04	50	51	8	22	29	27	9	02	28	52	2	13	05	17
27	4	16	10	18	39	44	11	15	23	16	8	05	32	05	8	22	41	39	9	02	35	22	2	13	04	32
28	5	17	10	18	45	21	11	16	32	35	8	06	13	20	8	22	53	48	9	02	41	50	2	13	05	11
29	6	18	10	18	40	31	11	17	41	44	8	06	54	37	8	23	05	52	9	02	48	15	2	13	06	21
30	7	19	10	18	25	22	11	18	50	44	8	07	35	54	8	23	17	52	9	02	54	37	2	13	07	01

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1941 S.E.	5120 K.E.	2020 A.D.																								
Phgn.	(ni)Phgn.	Feb.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	8	20	10	18	00	15	11	19	59	34	8	08	17	12	8	23	29	48	9	03	00	58	2	13	06	09
2	9	21	10	17	25	47	11	21	08	14	8	08	58	31	8	23	41	39	9	03	07	15	2	13	02	59
3	10	22	10	16	42	52	11	22	16	44	8	09	39	51	8	23	53	25	9	03	13	31	2	12	57	10
4	11	23	10	15	52	35	11	23	25	03	8	10	21	12	8	24	05	07	9	03	19	43	2	12	48	46
5	12	24	10	14	56	18	11	24	33	12	8	11	02	34	8	24	16	44	9	03	25	53	2	12	38	16
6	13	25	10	13	55	31	11	25	41	09	8	11	43	56	8	24	28	16	9	03	32	00	2	12	26	31
7	14	26	10	12	51	50	11	26	48	55	8	12	25	20	8	24	39	43	9	03	38	04	2	12	14	30
8	15	27	10	11	46	54	11	27	56	28	8	13	06	44	8	24	51	05	9	03	44	05	2	12	03	17
9	16	28	10	10	42	18	11	29	03	50	8	13	48	08	8	25	02	21	9	03	50	03	2	11	53	48
10	17	29	10	09	39	32	0	00	10	59	8	14	29	34	8	25	13	33	9	03	55	58	2	11	46	41
		Mar.																								
11	18	1	10	08	39	56	0	01	17	55	8	15	11	00	8	25	24	39	9	04	01	50	2	11	42	12
12	19	2	10	07	44	37	0	02	24	37	8	15	52	27	8	25	35	39	9	04	07	38	2	11	40	07
13	20	3	10	06	54	31	0	03	31	06	8	16	33	54	8	25	46	34	9	04	13	23	2	11	39	47
14	21	4	10	06	10	19	0	04	37	20	8	17	15	22	8	25	57	23	9	04	19	06	2	11	40	13
15	22	5	10	05	32	31	0	05	43	19	8	17	56	51	8	26	08	07	9	04	24	44	2	11	40	13
16	23	6	10	05	01	24	0	06	49	04	8	18	38	21	8	26	18	44	9	04	30	19	2	11	38	41
17	24	7	10	04	37	06	0	07	54	33	8	19	19	51	8	26	29	16	9	04	35	51	2	11	34	47
18	25	8	10	04	19	39	0	08	59	45	8	20	01	23	8	26	39	42	9	04	41	19	2	11	28	13
19	26	9	10	04	08	54	0	10	04	42	8	20	42	55	8	26	50	01	9	04	46	44	2	11	19	15
20	27	10	10	04	04	43	0	11	09	21	8	21	24	28	8	27	00	15	9	04	52	05	2	11	08	42
21	28	11	10	04	06	49	0	12	13	43	8	22	06	02	8	27	10	22	9	04	57	22	2	10	57	44
22	29	12	10	04	14	56	0	13	17	47	8	22	47	37	8	27	20	23	9	05	02	35	2	10	47	39
23	30	13	10	04	28	47	0	14	21	34	8	23	29	12	8	27	30	17	9	05	07	45	2	10	39	31
24	31	14	10	04	48	03	0	15	25	01	8	24	10	49	8	27	40	05	9	05	12	51	2	10	33	57
		(ni) Chtr.																								
25	1	15	10	05	12	25	0	16	28	10	8	24	52	26	8	27	49	46	9	05	17	53	2	10	31	00
26	2	16	10	05	41	34	0	17	30	59	8	25	34	04	8	27	59	21	9	05	22	50	2	10	30	04
27	3	17	10	06	15	13	0	18	33	27	8	26	15	42	8	28	08	48	9	05	27	44	2	10	30	07
28	4	18	10	06	53	05	0	19	35	36	8	26	57	21	8	28	18	09	9	05	32	34	2	10	29	52
29	5	19	10	07	34	54	0	20	37	23	8	27	39	01	8	28	27	22	9	05	37	19	2	10	28	05
30	6	20	10	08	20	26	0	21	38	48	8	28	20	41	8	28	36	28	9	05	42	00	2	10	23	49

NIRAYANA LONGITUDES OF PLANETS

(Measured from the fixed initial point)

For 5^h-29^m I.S.T.

	Date		Mercury				Venus				Mars				Jupiter				Saturn				Rahu (True)			
1942 S.E.	5120 K.E.	2020 A.D.																								
Chtr.	(ni) Chtr.	Mar.	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"	s	o	'	"
1	7	21	10	09	09	26	0	22	39	51	8	29	02	22	8	28	45	27	9	05	46	37	2	10	16	32
2	8	22	10	10	01	42	0	23	40	30	8	29	44	02	8	28	54	19	9	05	51	10	2	10	06	14
3	9	23	10	10	57	03	0	24	40	46	9	00	25	44	8	29	03	03	9	05	55	38	2	09	53	27
4	10	24	10	11	55	17	0	25	40	37	9	01	07	25	8	29	11	39	9	06	00	01	2	09	39	04
5	11	25	10	12	56	15	0	26	40	02	9	01	49	07	8	29	20	08	9	06	04	21	2	09	24	14
6	12	26	10	13	59	48	0	27	39	01	9	02	30	48	8	29	28	28	9	06	08	35	2	09	10	10
7	13	27	10	15	05	48	0	28	37	32	9	03	12	30	8	29	36	41	9	06	12	45	2	08	57	58
8	14	28	10	16	14	09	0	29	35	35	9	03	54	12	8	29	44	46	9	06	16	50	2	08	48	27
9	15	29	10	17	24	43	1	00	33	09	9	04	35	54	8	29	52	42	9	06	20	50	2	08	41	58
10	16	30	10	18	37	25	1	01	30	12	9	05	17	36	9	00	00	31	9	06	24	46	2	08	38	23
11	17	31	10	19	52	09	1	02	26	44	9	05	59	18	9	00	08	10	9	06	28	36	2	08	37	06
		Apr.																								
12	18	1	10	21	08	51	1	03	22	43	9	06	41	00	9	00	15	42	9	06	32	22	2	08	37	04
13	19	2	10	22	27	28	1	04	18	08	9	07	22	42	9	00	23	05	9	06	36	03	2	08	37	02
14	20	3	10	23	47	54	1	05	12	58	9	08	04	24	9	00	30	19	9	06	39	39	2	08	35	45
15	21	4	10	25	10	08	1	06	07	12	9	08	46	06	9	00	37	25	9	06	43	10	2	08	32	20
16	22	5	10	26	34	06	1	07	00	48	9	09	27	48	9	00	44	22	9	06	46	36	2	08	26	20
17	23	6	10	27	59	47	1	07	53	44	9	10	09	30	9	00	51	10	9	06	49	57	2	08	17	55
18	24	7	10	29	27	08	1	08	46	00	9	10	51	13	9	00	57	50	9	06	53	12	2	08	07	50
19	25	8	11	00	56	08	1	09	37	34	9	11	32	55	9	01	04	20	9	06	56	23	2	07	57	12
20	26	9	11	02	26	46	1	10	28	25	9	12	14	37	9	01	10	41	9	06	59	28	2	07	47	17
21	27	10	11	03	59	00	1	11	18	31	9	12	56	19	9	01	16	53	9	07	02	28	2	07	39	09
22	28	11	11	05	32	50	1	12	07	50	9	13	38	01	9	01	22	56	9	07	05	23	2	07	33	30
23	29	12	11	07	08	16	1	12	56	21	9	14	19	44	9	01	28	49	9	07	08	12	2	07	30	25
24	30	13	11	08	45	16	1	13	44	02	9	15	01	26	9	01	34	33	9	07	10	56	2	07	29	27
		(ni) Vysk. 5121 K.E.																								
25	1	14	11	10	23	52	1	14	30	52	9	15	43	07	9	01	40	07	9	07	13	35	2	07	29	41
26	2	15	11	12	04	02	1	15	16	49	9	16	24	49	9	01	45	31	9	07	16	09	2	07	30	01
27	3	16	11	13	45	48	1	16	01	50	9	17	06	30	9	01	50	46	9	07	18	36	2	07	29	17
28	4	17	11	15	29	09	1	16	45	54	9	17	48	10	9	01	55	51	9	07	20	59	2	07	26	38
29	5	18	11	17	14	06	1	17	28	59	9	18	29	50	9	02	00	46	9	07	23	15	2	07	21	33
30	6	19	11	19	00	40	1	18	11	02	9	19	11	29	9	02	05	31	9	07	25	27	2	07	13	59
31	7	20	11	20	48	51	1	18	52	01	9	19	53	07	9	02	10	05	9	07	27	32	2	07	04	16

NIRAYANA LONGITUDE OF URANUS, NEPTUNE, PLUTO AND RAHU (MEAN)

(Measured from the fixed initial point)

For 5-29 hr. I.S.T.

Saka Era 1941 S.E.	Kali Era 5119 K.E.	Gregorian 2019 A.D.	Uranus s o ' "	Neptune s o ' "	Pluto s o ' "	Rahu (Mean) s o ' "
11 Chtr.	(ni) 18 Chtr. 5120 K.E.	1 Apr.	0 07 09 54	10 22 58 01	8 28 53 23	2 28 40 49
26 Chtr.	(ni) 03 Vysk.	16 Apr.	0 08 00 24	10 23 28 11	8 29 00 33	2 27 53 07
11 Vysk.	(ni) 18 Vysk.	1 May	0 08 51 58	10 23 54 07	8 29 01 04	2 27 05 26
26 Vysk.	(ni) 02 Jyst.	16-May	0 09 42 21	10 24 14 31	8 28 55 08	2 26 17 44
10 Jyst.	(ni) 17 Jyst.	31 May.	0 10 29 18	10 24 28 28	8 28 43 24	2 25 30 02
25 Jyst.	(ni) 01 Asar.	15 June.	0 11 10 46	10 24 35 18	8 28 26 52	2 24 42 21
09 Asar.	(ni) 16 Asar.	30 June.	0 11 44 54	10 24 34 50	8 28 06 59	2 23 54 39
24 Asar.	(ni) 31 Asar.	15 July.	0 12 10 05	10 24 27 15	8 27 45 20	2 23 06 58
08 Srvn.	(ni) 15 Srvn.	30 July.	0 12 25 06	10 24 13 16	8 27 23 44	2 22 19 16
23 Srvn.	(ni) 30 Srvn.	14 Aug.	0 12 29 12	10 23 54 02	8 27 03 58	2 21 31 35
07 Bhdr.	(ni) 14 Bhdr.	29 Aug.	0 12 22 17	10 23 31 10	8 26 47 39	2 20 43 53
22 Bhdr.	(ni) 29 Bhdr.	13 Sept.	0 12 04 59	10 23 06 32	8 26 36 12	2 19 56 12
06 Asvn.	(ni) 13 Asvn.	28 Sept.	0 11 38 47	10 22 42 18	8 26 30 38	2 19 08 30
21 Asvn.	(ni) 28 Asvn.	13 Oct.	0 11 05 59	10 22 20 32	8 26 31 35	2 18 20 48
06 Krtk.	(ni) 13 Krtk.	28 Oct.	0 10 29 37	10 22 03 13	8 26 39 12	2 17 33 07
21 Krtk.	(ni) 28 Krtk.	12 Nov.	0 09 53 10	10 21 51 56	8 26 53 15	2 16 45 25
06 Aghn.	(ni) 13 Aghn.	27 Nov.	0 09 20 11	10 21 47 48	8 27 13 00	2 15 57 44
21 Aghn.	(ni) 28 Aghn.	12 Dec.	0 08 53 56	10 21 51 22	8 27 37 28	2 15 10 02
06 Paus.	(ni) 13 Paus.	27 Dec.	0 08 36 59	10 22 02 36	8 28 05 19	2 14 22 21
		2020 A.D.				
21 Paus.	(ni) 28 Paus.	11 Jan.	0 08 31 02	10 22 20 59	8 28 35 03	2 13 34 39
06 Magh.	(ni) 13 Magh.	26 Jan.	0 08 36 48	10 22 45 31	8 29 05 04	2 12 46 57
21 Magh.	(ni) 28 Magh.	10 Feb.	0 08 54 06	10 23 14 49	8 29 33 46	2 11 59 16
06 Phgn.	(ni) 13 Phgn.	25 Feb.	0 09 21 56	10 23 47 20	8 29 59 36	2 11 11 34
21 Phgn.	(ni) 28 Phgn.	11 Mar.	0 09 58 47	10 24 21 18	9 00 21 12	2 10 23 53
1942 S.E.						
06 Chtr.	(ni) 12 Chtr. 5121 K.E.	26 Mar.	0 10 42 39	10 24 55 02	9 00 37 29	2 09 36 11
21 Chtr.	(ni) 27 Chtr.	10 Apr.	0 11 31 22	10 25 26 46	9 00 47 38	2 08 48 30

N.B.: Pluto is now classified as a dwarf planet as per resolution of I.A.U.

Nirayana positions of Principal Stars of the 27 Nakshatra Division

SL.No.	Indian Name	Western Name	As on 10 Ashadha 1941 SE (ni) 17 Ashadha 5120 KE 1st July, 2019 A.D. (for 05-29 hrs IST)					
			Nirayana Longitude			Latitude		
			°	'	"	°	'	"
1	Asvini	β Arities (Sheratan)	10	07	00.42	8	29	21.59
2	Bharani	41 Arities	24	21	01.27	10	27	10.25
3	Krittika	η Tauri (Alcyone)	36	08	22.69	4	03	17.31
4	Rohini	α Tauri (Aldebaran)	45	56	12.30	-5	-27	-46.73
5	Mrigasiras	λ Orionis	59	51	15.60	-13	-21	-52.62
6	Ardra	α Orionis (Betelgeuse)	64	54	07.20	-16	-01	-19.53
7	Punarvasu	α Geminorum (Castor)	86	23	18.21	10	06	03.44
8	Pusya	δ Cancri	104	52	09.90	0	04	53.48
9	Aslesha	ε Hydrae	112	14	03.65	-23	-25	-56.89
10	Magha	α Leonis (Regulus)	125	58	35.83	0	28	04.89
11	Purva Phalguni	δ Leonis (Zosma)	137	27	54.90	14	20	09.29
12	Uttara Phalguni	93 Leonis	145	07	23.88	17	18	39.89
13	Hasta	δ Corvi (Algorel)	169	35	53.18	-12	-11	-47.98
14	Chitra	α Virginis (Spica)	179	59	19.13	-2	-03	-20.61
15	Svati	α Bootis (Arcturus)	180	23	01.53	30	44	05.85
16	Visakha	α Librae (Zuben el Genubi)	201	13	48.40	0	19	48.47
17	Anuradha	δ Scorpii (Dschubba)	218	43	06.91	-1	-59	-24.29
18	Jyestha	α Scorpii (Antares)	225	54	34.26	-4	-34	-27.52
19	Mula	λ Scorpii (Shaula)	240	43	59.25	-13	-47	-35.88
20	PurvAsadha	δ Sagittarii	250	43	42.30	-6	-28	-38.23
21	UttarAsadha	σ Sagittarii (Nunki)	258	31	58.17	-3	-27	-16.36
22	Sravana	α Aquilae (Altair)	277	55	20.11	29	17	55.80
23	Dhanistha	β Delphini (Rotanev)	292	29	10.97	31	54	50.18
24	Satabhisaj	λ Aquarii	317	43	24.77	0	-23	-20.28
25	Purva Bhadrapada	β Pegasi (Scheat)	335	31	06.86	31	08	22.74
26	Uttara Bhadrapada	α Andromadae (Alpheratz)	350	27	12.90	25	40	51.16
27	Revati	ζ Piscium	356	01	29.92	0	-12	-45.15

HELIACAL RISING AND SETTING OF PLANETS

(Calculated for Central Station of India)

Mercury

										I. S. T.	
										h.	m.
Sets in the east	16	Vaisakha	1941 S.E.	(ni)	23	Vaisakha	5120 K.E.	06	May. 2019	26	47
Rises in the west	08	Jyaishtha	"	(ni)	15	Jyaishtha	"	29	May. "	28	28
Sets in the west	20	Ashadha	"	(ni)	27	Ashadha	"	11	Jul. "	12	37
Rises in the east	07	Sravana	"	(ni)	14	Sravana	"	29	Jul. "	10	29
Sets in the east	03	Bhadra	"	(ni)	10	Bhadra	"	25	Aug. "	09	21
Rises in the west	31	Bhadra	"	(ni)	07	Asvina	"	22	Sept. "	18	15
Sets in the west	13	Kartika	"	(ni)	20	Kartika	"	04	Nov. "	21	08
Rises in the east	25	Kartika	"	(ni)	02	Agrahayana	"	16	Nov. "	10	24
Sets in the east	01	Pausha	"	(ni)	08	Pausha	"	22	Dec. "	12	30
Rises in the west	05	Magha	"	(ni)	12	Magha	"	25	Jan. 2020	29	32
Sets in the west	01	Phalgun	"	(ni)	08	Phalgun	"	20	Feb. "	26	37
Rises in the east	12	Phalgun	"	(ni)	19	Phalgun	"	02	Mar. "	17	17
Sets in the east	29	Chaitra	1942 S.E.	(ni)	05	Vaisakha	5121 K.E.	18	Apr. "	11	19

Venus

Sets in the east	01	Sravana	1941 S.E.	(ni)	08	Sravana	5120 K.E.	23	Jul. 2019	14	53
Rises in the west	18	Bhadra	"	(ni)	25	Bhadra	"	09	Sept. "	28	39

Mars

Sets in the west	20	Ashadha	1941 S.E.	(ni)	27	Ashadha	5120 K.E.	11	Jul. 2019	12	01
Rises in the east	21	Asvina	"	(ni)	28	Asvina	"	13	Oct. "	28	19

Jupiter

Sets in the west	24	Agrahayana	1941 S.E.	(ni)	01	Pausha	5120 K.E.	15	Dec. 2019	29	57
Rises in the east	18	Pausha	"	(ni)	25	Pausha	"	08	Jan. 2020	30	33

Saturn

Sets in the west	09	Pausha	1941 S.E.	(ni)	16	Pausha	5120 K.E.	30	Dec. 2019	24	16
Rises in the east	09	Magha	"	(ni)	16	Magha	"	29	Jan. 2020	29	51

Visibility of planets

Planets	From	To	Visibility
	2019 A.D.	2019 A.D.	
Mercury	- - -	06 May	Eastern sky, till beginning of morning twilight.
	30 May	11 July	Western sky, evening after sunset.
	29 July	25 Aug.	Eastern sky, till beginning of morning twilight.
	22 Sept.	04 Nov.	Western sky, evening after sunset.
	16 Nov.	22 Dec.	Eastern sky, till beginning of morning twilight.
	2020 A.D.	2020 A.D.	
	26 Jan.	20 Feb.	Western sky, evening after sunset.
	02 Mar.	18 Apr.	Eastern sky, till beginning of morning twilight.
	2019 A.D.	2019 A.D.	
Venus	- - -	23 July	Eastern sky, till beginning of morning twilight.
	10 Sept.	- - -	Western sky, evening after sunset.
	2019 A.D.	2019 A.D.	
Mars	- - -	11 July	In the evening sky and sets before midnight.
	12 July	13 Oct.	Not Visible.
	14 Oct.	- - -	Rises after midnight and visible till morning twilight.
	2019 A.D.	2019 A.D.	
Jupiter	- - -	09 June	Rises before midnight and visible till morning twilight.
	10 June	10 June	Visible throughout the night (Opposition).
	11 June	26 Aug.	In the evening sky and sets after midnight.
	27 Aug.	16 Dec.	In the evening sky and sets before midnight.
		2020 A.D.	
	17 Dec.	09 Jan.	Not Visible.
	2020 A.D.		
	10 Jan.	- - -	Rises after midnight and visible till morning twilight
	2019 A.D.	2019 A.D.	
Saturn	- - -	22 Apr.	Rises after midnight and visible till morning twilight.
	23 Apr.	08 July	Rises before midnight and visible till morning twilight.
	09 July	09 July	Visible throughout the night (Opposition).

Visibility of planets			
Planets	From	To	Visibility
Saturn	2019 A.D.	2019 A.D.	
	10 July	27 Sept.	In the evening sky and sets after midnight.
	28 Sept.	30 Dec.	In the evening sky and sets before midnight.
		2020 A.D.	
	31 Dec.	30 Jan.	Not Visible.
	2020 A.D.		
.	31 Jan.	- - -	Rises after midnight and visible till morning twilight
	2019 A.D.	2019 A.D.	
Uranus	- - - -	07 Apr.	In the evening sky and sets before midnight.
	08 Apr.	09 May	Not Visible.
	10 May	20 July	Rises after midnight and visible till morning twilight.
	21 July	27 Oct.	Rises before midnight and visible till morning twilight.
	28 Oct.	28 Oct.	Visible throughout the night (Opposition).
		2020 A.D.	
	29 Oct.	27 Jan.	In the evening sky and sets after midnight.
	2020 A.D.		
	28 Jan.	- - -	In the evening sky and sets before midnight.
	2019 A.D.	2019 A.D.	
Neptune	- - -	13 June	Rises after midnight and visible till morning twilight.
	14 June	09 Sept.	Rises before midnight and visible till morning twilight.
	10 Sept.	10 Sept.	Visible throughout the night (Opposition).
	11 Sept.	06 Dec.	In the evening sky and sets after midnight.
		2020 A.D.	
	07 Dec.	25 Feb.	In the evening sky and sets before midnight.
	2020 A.D.		
	26 Feb.	27 Mar.	Not Visible.
	28 Mar.	---	Rises after midnight and visible till morning twilight.

Note: Dates mentioned for the visibility of planets are approximate.

TRANSITS OF SUN AND PLANETS INTO NIRAYANA RASIS

(Based on the increasing ayanamsa or fixed initial point)

Sun										I. S. T.	
										h	m
Enters :	Mesha	24	Chaitra	1941 S.E.	(ni)	01	Vaisakha	5120 K.E.	14 Apr 2019	14	09
	Vrisha	25	Vaisakha	„	(ni)	01	Jyaishtha	„	15 May „	11	01
	Mithuna	25	Jyaishtha	„	(ni)	01	Ashadha	„	15 June „	17	38
	Karkata	25	Ashadha	„	(ni)	01	Sravana	„	16 July „	28	34
	Simha	26	Sravana	„	(ni)	02	Bhadra	„	17 Aug. „	13	02
	Kanya	26	Bhadra	„	(ni)	02	Asvina	„	17 Sept. „	13	03
	Tula	25	Asvina	„	(ni)	02	Kartika	„	17 Oct. „	25	03
	Vrishchika	25	Kartika	„	(ni)	02	Agrahayana	„	16 Nov. „	24	51
	Dhanus	25	Agrahayana	„	(ni)	02	Pausha	„	16 Dec. „	15	28
	Makara	24	Pausha	„	(ni)	01	Magha	„	14 Jan. 2020	26	08
	Kumbha	24	Magha	„	(ni)	01	Phalgun	„	13 Feb. „	15	04
	Mina	24	Phalgun	„	(ni)	31	Phalgun	„	14 Mar. „	11	54
	Mesha	24	Chaitra	1942 S.E.	(ni)	30	Chaitra	„	13 Apr „	20	23

Mercury

Enters :	Mina	21	Chaitra	1941 S.E.	(ni)	28	Chaitra	5119 K.E.	11 Apr 2019	28	24
	Mesha	13	Vaisakha	„	(ni)	20	Vaisakha	5120 K.E.	03 May „	17	03
	Vrisha	28	Vaisakha	„	(ni)	04	Jyaishtha	„	18 May „	23	35
	Mithuna	11	Jyaishtha	„	(ni)	18	Jyaishtha	„	01 June „	24	17
	Karkata	30	Jyaishtha	„	(ni)	06	Ashadha	„	20 June „	26	27
	Mithuna (R)	08	Sravana	„	(ni)	15	Sravana	„	30 July „	11	51
	Karkata	12	Sravana	„	(ni)	19	Sravana	„	03 Aug. „	05	59
	Simha	04	Bhadra	„	(ni)	11	Bhadra	„	26 Aug. „	14	07
	Kanya	19	Bhadra	„	(ni)	26	Bhadra	„	10 Sept. „	28	59
	Tula	07	Asvina	„	(ni)	14	Asvina	„	29 Sept. „	12	55
	Vrishchika	01	Kartika	„	(ni)	08	Kartika	„	23 Oct. „	23	12
	Tula (R)	16	Kartika	„	(ni)	23	Kartika	„	07 Nov. „	15	55
	Vrishchika	14	Agrahayana	„	(ni)	21	Agrahayana	„	05 Dec. „	10	34
	Dhanus	04	Pausha	„	(ni)	11	Pausha	„	25 Dec. „	15	46
	Makara	23	Pausha	„	(ni)	30	Pausha	„	13 Jan. 2020	11	35
	Kumbha	10	Magha	„	(ni)	17	Magha	„	30 Jan. „	26	53
	Mina	18	Chaitra	1942 S.E.	(ni)	24	Chaitra	„	07 Apr. „	14	24

Venus

Enters :	Mina	25	Chaitra	1941 S.E.	(ni)	02	Vaisakha	5120 K.E.	15 Apr 2019	25	04
	Mesha	20	Vaisakha	„	(ni)	27	Vaisakha	„	10 May „	19	06
	Vrisha	14	Jyaishtha	„	(ni)	21	Jyaishtha	„	04 June „	11	20

TRANSITS OF PLANETS INTO NIRAYANA RASIS

(Based on the increasing ayanamsa or fixed initial point)

Venus

												I. S. T.	
												h	m
Enters :	Mithuna	07	Ashadha	1941 S.E.	(ni)	14	Ashadha	5120 K.E	28	June	2019	25	34
	Karkata	01	Sravana	„	(ni)	08	Sravana	„	23	July	„	12	49
	Simha	25	Sravana	„	(ni)	01	Bhadra	„	16	Aug.	„	20	39
	Kanya	18	Bhadra	„	(ni)	25	Bhadra	„	09	Sept.	„	25	41
	Tula	11	Asvina	„	(ni)	18	Asvina	„	03	Oct.	„	29	14
	Vrishchika	06	Kartika	„	(ni)	13	Kartika	„	28	Oct.	„	08	32
	Dhanus	30	Kartika	„	(ni)	07	Agrahayana	„	21	Nov.	„	12	23
	Makara	24	Agrahayana	„	(ni)	01	Pausha	„	15	Dec.	„	17	59
	Kumbha	18	Pausha	„	(ni)	25	Pausha	„	08	Jan.	2020	28	23
	Mina	13	Magha	„	(ni)	20	Magha	„	02	Feb	„	26	18
	Mesha	09	Phalguna	„	(ni)	16	Phalguna	„	28	Feb.	„	25	33
	Vrisha	08	Chaitra	1942 S.E.	(ni)	14	Chaitra	„	28	Mar.	„	15	38

Mars

Enters :	Vrisha	01	Chaitra	1941 S.E.	(ni)	08	Chaitra	5119 K.E.	22	Mar.	2019	15	05
	Mithuna	17	Vaisakha	„	(ni)	24	Vaisakha	5120 K.E	07	May.	„	06	53
	Karkata	01	Ashadha	„	(ni)	08	Ashadha	„	22	June	„	23	23
	Simha	17	Sravana	„	(ni)	24	Sravana	„	08	Aug.	„	28	47
	Kanya	03	Asvina	„	(ni)	10	Asvina	„	25	Sept.	„	06	33
	Tula	19	Kartika	„	(ni)	26	Kartika	„	10	Nov.	„	14	24
	Vrishchika	04	Pausha	„	(ni)	11	Pausha	„	25	Dec.	„	21	29
	Dhanus	18	Magha	„	(ni)	25	Magha	„	07	Feb.	2020	27	52
	Makara	02	Chaitra	1942 S.E.	(ni)	08	Chaitra	„	22	Mar.	„	14	40

Jupiter

Enters :	Dhanus	08	Chaitra	1941 S.E.	(ni)	15	Chaitra	5119 K.E.	29	Mar.	2019	20	05
	Vrishchika (R)	02	Vaisakha	„	(ni)	09	Vaisakha	5120 K.E.	22	Apr.	„	25	14
	Dhanus	13	Kartika	„	(ni)	20	Kartika	„	04	Nov.	„	29	17
	Makara	09	Chaitra	1942 S.E.	(ni)	15	Chaitra	„	29	Mar.	2020	27	54

Saturn**I. S. T.**
h m

Enter Makara 04 Magha 1941 S.E. (ni) 11 Magha 5120 K.E. 24 Jan. 2020 09 56

Uranus

Uranus remains in Mesha in 1941 S.E.

Neptune

Neptune remains in Kumbha in 1941 S.E.

Pluto

Enters : Makara 06 Phalgun 1941 S.E. (ni) 13 Phalgun 5120 K.E. 25 Feb. 2020 11 36

TRANSIT OF NODES OF MOON INTO NIRAYANA RASIS

(Based on the increasing ayanamsa or fixed initial point)

Rahu (True)**I. S. T.**
h m

Enters : Mithuna(R) 02 Chaitra 1941 S.E. (ni) 09 Chaitra 5119 K.E. 23 Mar. 2019 12 41

Ketu (True)

Enters : Dhanus(R) 02 Chaitra 1941 S.E. (ni) 09 Chaitra 5119 K.E. 23 Mar.. 2019 12 41

Rahu (Mean)

Rahu (Mean) remains in Mithuna (R) in 1941 S.E.

Ketu (Mean)

Ketu (Mean) remains in Dhanus (R) in 1941 S.E.

TRANSITS OF SUN AND PLANETS INTO NAKSHATRAS

Sun										I.S.T	
										h.	m.
Naks											
27	10	Chaitra	1941 S.E.	(ni) 17	Chaitra	5119 K.E.	31	Mar.	2019	24	54
01	24	Chaitra	"	(ni) 01	Vaisakha	5120 K.E.	14	Apr.	"	14	09
02	08	Vaisakha	"	(ni) 15	Vaisakha	"	28	Apr.	"	06	03
03	21	Vaisakha	"	(ni) 28	Vaisakha	"	11	May	"	24	08
04	04	Jyaishtha	"	(ni) 11	Jyaishtha	"	25	May	"	20	26
05	18	Jyaishtha	"	(ni) 25	Jyaishtha	"	08	June	"	18	13
06	01	Ashadha	"	(ni) 08	Ashadha	"	22	June	"	17	19
07	15	Ashadha	"	(ni) 22	Ashadha	"	06	July	"	16	50
08	29	Ashadha	"	(ni) 05	Sravana	"	20	July	"	16	26
09	12	Sravana	"	(ni) 19	Sravana	"	03	Aug.	"	15	18
10	26	Sravana	"	(ni) 02	Bhadra	"	17	Aug.	"	13	02
11	09	Bhadra	"	(ni) 16	Bhadra	"	31	Aug.	"	09	00
12	22	Bhadra	"	(ni) 29	Bhadra	"	13	Sept.	"	26	54
13	05	Asvina	"	(ni) 12	Asvina	"	27	Sept.	"	18	27
14	19	Asvina	"	(ni) 26	Asvina	"	11	Oct.	"	07	26
15	02	Kartika	"	(ni) 09	Kartika	"	24	Oct.	"	18	00
16	15	Kartika	"	(ni) 22	Kartika	"	06	Nov.	"	26	04
17	29	Kartika	"	(ni) 06	Agrahayana	"	20	Nov.	"	08	12
18	12	Agrahayana	"	(ni) 19	Agrahayana	"	03	Dec.	"	12	24
19	25	Agrahayana	"	(ni) 02	Pausha	"	16	Dec.	"	15	28
20	08	Pausha	"	(ni) 15	Pausha	"	29	Dec.	"	17	36
21	21	Pausha	"	(ni) 28	Pausha	"	11	Jan.	2020	19	36
22	04	Magha	"	(ni) 11	Magha	"	24	Jan.	"	21	51
23	17	Magha	"	(ni) 24	Magha	"	06	Feb.	"	24	57
24	30	Magha	"	(ni) 07	Phalguna	"	19	Feb.	"	29	30
25	14	Phalguna	"	(ni) 21	Phalguna	"	04	Mar.	"	11	43
26	27	Phalguna	"	(ni) 03	Chaitra	"	17	Mar.	"	20	14
27	11	Chaitra	1942 S.E.	(ni) 17	Chaitra	"	31	Mar.	"	06	58
01	24	Chaitra	"	(ni) 30	Chaitra	"	13	Apr.	"	20	23
Mercury											
26	25	Chaitra	1941 S.E.	(ni) 02	Vaisakha	5120 K.E.	15	Apr.	2019	07	31
27	05	Vaisakha	"	(ni) 12	Vaisakha	"	25	Apr.	"	10	35
01	13	Vaisakha	"	(ni) 20	Vaisakha	"	03	May	"	17	03
02	20	Vaisakha	"	(ni) 27	Vaisakha	"	10	May	"	22	09
03	27	Vaisakha	"	(ni) 03	Jyaishtha	"	17	May	"	10	18
04	02	Jyaishtha	"	(ni) 09	Jyaishtha	"	23	May	"	13	29
05	08	Jyaishtha	"	(ni) 15	Jyaishtha	"	29	May	"	17	52
06	15	Jyaishtha	"	(ni) 22	Jyaishtha	"	05	June	"	11	49
07	23	Jyaishtha	"	(ni) 30	Jyaishtha	"	13	June	"	11	23
08	03	Ashadha	"	(ni) 10	Ashadha	"	24	June	"	07	28

TRANSITS OF PLANETS INTO NAKSHATRAS

Mercury

										I.S.T.	
										h.	m.
Naks											
07(R) 01	Sravana	1941 S.E.	(ni) 08	Sravana	5120 K.E.	23	July	2019		06	29
08 18	Sravana	"	(ni) 25	Sravana	"	09	Aug.	"		12	15
09 28	Sravana	"	(ni) 04	Bhadra	"	19	Aug.	"		11	42
10 04	Bhadra	"	(ni) 11	Bhadra	"	26	Aug.	"		14	07
11 11	Bhadra	"	(ni) 18	Bhadra	"	02	Sept.	"		08	09
12 18	Bhadra	"	(ni) 25	Bhadra	"	09	Sept.	"		08	55
13 25	Bhadra	"	(ni) 01	Asvina	"	16	Sept.	"		22	32
14 02	Asvina	"	(ni) 09	Asvina	"	24	Sept.	"		27	45
15 11	Asvina	"	(ni) 18	Asvina	"	03	Oct.	"		27	11
16 21	Asvina	"	(ni) 28	Asvina	"	13	Oct.	"		29	50
17 08	Kartika	"	(ni) 15	Kartika	"	30	Oct.	"		06	05
16(R) 11	Kartika	"	(ni) 18	Kartika	"	02	Nov.	"		10	32
15(R) 24	Kartika	"	(ni) 01	Agrahayana	"	15	Nov.	"		20	50
16 05	Agrahayana	"	(ni) 12	Agrahayana	"	26	Nov.	"		16	22
17 16	Agrahayana	"	(ni) 23	Agrahayana	"	07	Dec.	"		20	29
18 25	Agrahayana	"	(ni) 02	Pausha	"	16	Dec.	"		22	21
19 04	Pausha	"	(ni) 11	Pausha	"	25	Dec.	"		15	46
20 12	Pausha	"	(ni) 19	Pausha	"	02	Jan.	2020		28	19
21 21	Pausha	"	(ni) 28	Pausha	"	11	Jan.	"		11	00
22 29	Pausha	"	(ni) 06	Magha	"	19	Jan.	"		10	41
23 06	Magha	"	(ni) 13	Magha	"	26	Jan.	"		29	04
24 14	Magha	"	(ni) 21	Magha	"	03	Feb.	"		29	26
23(R) 13	Phalguna	"	(ni) 20	Phalguna	"	03	Mar.	"		13	00
24 27	Phalguna	"	(ni) 03	Chaitra	"	17	Mar.	"		21	29
25 11	Chaitra	1942 S.E.	(ni) 17	Chaitra	"	31	Mar.	"		07	58
26 20	Chaitra	"	(ni) 26	Chaitra	"	09	Apr	"		19	23
27 28	Chaitra	"	(ni) 04	Vaisakha	5121 K.E.	17	Apr	"		21	41

Venus

24 06	Chaitra	1941 S.E.	(ni) 13	Chaitra	5119 K.E.	27	Mar.	2019		16	57
25 17	Chaitra	"	(ni) 24	Chaitra	"	07	Apr.	"		18	27
26 28	Chaitra	"	(ni) 05	Vaisakha	5120 K.E.	18	Apr.	"		19	13
27 09	Vaisakha	"	(ni) 16	Vaisakha	"	29	Apr.	"		19	23
01 20	Vaisakha	"	(ni) 27	Vaisakha	"	10	May	"		19	06
02 31	Vaisakha	"	(ni) 07	Jyaishtha	"	21	May	"		18	34
03 11	Jyaishtha	"	(ni) 18	Jyaishtha	"	01	June	"		17	38
04 22	Jyaishtha	"	(ni) 29	Jyaishtha	"	12	June	"		16	20
05 02	Ashadha	"	(ni) 09	Ashadha	"	23	June	"		14	38
06 13	Ashadha	"	(ni) 20	Ashadha	"	04	July	"		12	19

TRANSITS OF PLANETS INTO NAKSHATRAS

Venus										I.S.T.	
										h.	m.
Naks											
07	24	Ashadha	1941 S.E.	(ni) 31	Ashadha	5120 K.E.	15	July	2019	09	25
08	04	Sravana	"	(ni) 11	Sravana	"	26	July	"	05	52
09	14	Sravana	"	(ni) 21	Sravana	"	05	Aug.	"	25	33
10	25	Sravana	"	(ni) 01	Bhadra	"	16	Aug.	"	20	39
11	05	Bhadra	"	(ni) 12	Bhadra	"	27	Aug.	"	15	11
12	16	Bhadra	"	(ni) 23	Bhadra	"	07	Sept.	"	09	13
13	26	Bhadra	"	(ni) 02	Asvina	"	17	Sept.	"	27	00
14	06	Asvina	"	(ni) 13	Asvina	"	28	Sept.	"	20	32
15	17	Asvina	"	(ni) 24	Asvina	"	09	Oct.	"	13	57
16	28	Asvina	"	(ni) 05	Kartika	"	20	Oct.	"	07	26
17	08	Kartika	"	(ni) 15	Kartika	"	30	Oct.	"	24	54
18	19	Kartika	"	(ni) 26	Kartika	"	10	Nov.	"	18	31
19	30	Kartika	"	(ni) 07	Agrahayana	"	21	Nov.	"	12	23
20	11	Agrahayana	"	(ni) 18	Agrahayana	"	02	Dec.	"	06	30
21	21	Agrahayana	"	(ni) 28	Agrahayana	"	12	Dec.	"	25	11
22	02	Pausha	"	(ni) 09	Pausha	"	23	Dec.	"	20	42
23	13	Pausha	"	(ni) 20	Pausha	"	03	Jan.	2020	17	23
24	24	Pausha	"	(ni) 01	Magha	"	14	Jan.	"	15	57
25	05	Magha	"	(ni) 12	Magha	"	25	Jan.	"	17	08
26	16	Magha	"	(ni) 23	Magha	"	05	Feb.	"	21	56
27	28	Magha	"	(ni) 05	Phalguna	"	17	Feb.	"	08	03
01	09	Phalguna	"	(ni) 16	Phalguna	"	28	Feb.	"	25	33
02	22	Phalguna	"	(ni) 29	Phalguna	"	12	Mar.	"	06	19
03	04	Chaitra	1942 S.E.	(ni) 10	Chaitra	"	24	Mar.	"	29	28
04	19	Chaitra	"	(ni) 25	Chaitra	"	08	Apr.	"	16	01
Mars											
04	16	Chaitra	1941 S.E.	(ni) 23	Chaitra	5119 K.E.	06	Apr.	2019	17	20
05	06	Vaisakha	"	(ni) 13	Vaisakha	5120 K.E.	26	Apr.	"	25	03
06	27	Vaisakha	"	(ni) 03	Jyaishtha	"	17	May	"	13	59
07	17	Jyaishtha	"	(ni) 24	Jyaishtha	"	07	June	"	07	40
08	06	Ashadha	"	(ni) 13	Ashadha	"	27	June	"	28	59
09	27	Ashadha	"	(ni) 03	Sravana	"	18	July.	"	28	30
10	17	Sravana	"	(ni) 24	Sravana	"	08	Aug.	"	28	47
11	07	Bhadra	"	(ni) 14	Bhadra	"	29	Aug.	"	28	21
12	28	Bhadra	"	(ni) 04	Asvina	"	19	Sept.	"	25	43
13	18	Asvina	"	(ni) 25	Asvina	"	10	Oct.	"	19	38
14	09	Kartika	"	(ni) 16	Kartika	"	31	Oct.	"	09	19
15	29	Kartika	"	(ni) 06	Agrahayana	"	20	Nov.	"	18	14

TRANSITS OF PLANETS INTO NAKSHATRAS**Mars**

											I.S.T	
Naks.											h.	m.
16	19	Agrahayana	1941 S.E.	(ni)	26	Agrahayana	5120 K.E	10	Dec.	2019	22	00
17	09	Pausha	”	(ni)	16	Pausha	”	30	Dec.	”	20	40
18	29	Pausha	”	(ni)	06	Magha	”	19	Jan.	2020	14	32
19	18	Magha	”	(ni)	25	Magha	”	07	Feb.	”	27	52
20	08	Phalguna	”	(ni)	15	Phalguna	„	27	Feb.	”	13	10
21	27	Phalguna	”	(ni)	03	Chaitra	„	17	Mar.	”	19	29
22	16	Chaitra	1942 S.E.	(ni)	22	Chaitra	”	05	Apr.	”	24	01

Jupiter

19	08	Chaitra	1941 S.E.	(ni)	15	Chaitra	5119 K.E.	29	Mar.	2019	20	05
18(R)	02	Vaisakha	"	(ni)	09	Vaisakha	5120 K.E.	22	Apr.	"	25	14
19	13	Kartika	"	(ni)	20	Kartika	"	04	Nov.	"	29	17
20	14	Pausha	"	(ni)	21	Pausha	"	04	Jan.	2020	16	21
21	17	Phalguna	"	(ni)	24	Phalguna	"	07	Mar.	"	30	11

Saturn

21	05	Pausha	1941 S.E.	(ni)	12	Pausha	5120 K.E.	26	Dec.	2019	26	20
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Uranus

Uranus remains in 01 Nakshatra in 1941 SE

Neptune

Neptune remains in 25 Nakshatra in 1941 SE

Pluto

20(R)	16	Bhadra	1941 S.E.	(ni)	23	Bhadra	5120 K.E.	07	Sept.	2019	09	25
21	07	Kartika	"	(ni)	14	Kartika	"	29	Oct.	"	07	10

TRANSIT OF NODES OF MOON INTO NIRAYANA NAKSHATRAS**Rahu (True)**

											I. S.T	
Naks.											h.	m.
06 (R)	05	Asvina	1941 S.E.	(ni)	12	Asvina	5120 K..E.	27	Sept.	2019	15	25

Ketu (True)

20 (R)	03	Vaisakha	1941 S.E.	(ni)	10	Vaisakha	5120 K..E.	23	Apr.	2019	21	39
19 (R)	22	Magha	"	(ni)	29	Magha	"	11	Feb.	2020	25	35

Rahu (Mean)

06 (R)	20	Bhadra	1941 S.E.	(ni)	27	Bhadra	5120 K..E.	11	Sept.	2019	24	44
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Ketu (Mean)

20 (R)	19	Vaisakha	1941 S.E.	(ni)	26	Vaisakha	5120 K..E.	09	May	2019	05	24
19 (R)	25	Pausha	"	(ni)	02	Magha	"	15	Jan.	2020	20	03

RETROGRESSION OF PLANETS**Mercury**

										L.S.T.
										h. m.
Direct	07	Chaitra	1941 S.E.	(ni) 14	Chaitra	5119 K.E.	28	Mar.	2019	19 33
Retrograde	16	Ashadha	„	(ni) 23	Ashadha	5120 K.E.	07	Jul.	„	28 44
Direct	10	Sravana	„	(ni) 17	Sravana	„	01	Aug.	„	09 20
Retrograde	09	Kartika	„	(ni) 16	Kartika	„	31	Oct.	„	21 01
Direct	29	Kartika	„	(ni) 06	Agrahayana	„	20	Nov.	„	24 54
Retrograde	27	Magh	„	(ni) 04	Phalgun	„	16	Feb.	2020	30 24
Direct	20	Phalgun	„	(ni) 27	Phalgun	„	10	Mar.	„	09 28

Venus

Venus remains in Direct motion for entire 1941 SE

Mars

Mars remains in Direct motion for entire 1941 SE

Jupiter

Retrograde	20	Chaitra	1941 S.E.	(ni) 27	Chaitra	5119 K.E.	10	Apr.	2019	22 31
Direct	20	Sravana	“	(ni) 27	Sravana	5120 K.E.	11	Aug.	„	19 07

Saturn

Retrograde	10	Vaisakha	1941 S. E.	(ni) 17	Vaisakha	5120 K.E.	30	Apr.	2019	06 26
Direct	27	Bhadra	„	(ni) 03	Asvina	„	18	Sept.	„	14 16

Uranus

Retrograde	21	Sravana	1941 S. E.	(ni) 28	Sravana	5120 K.E.	12	Aug.	2019	07 54
Direct	21	Pausha	„	(ni) 28	Pausha	„	11	Jan.	2020	07 19

Neptune

Retrograde	31	Jyaishta	1941 S.E.	(ni) 07	Ashadha	5120 K.E.	21	June	2019	20 09
Direct	06	Agrahayana	„	(ni) 13	Agrahayana	„	27	Nov.	„	18 03

Pluto

Retrograde	04	Vaisakha	1941 S.E.	(ni) 11	Vaisakha	5120 K.E.	24	Apr.	2019	24 17
Direct	11	Asvina	„	(ni) 18	Asvina	„	03	Oct.	„	12 09

List of Eclipses**1941 SE (2019-2020 A.D.)**

In the year 1941 S.E. (2019-2020 A.D.), there are two eclipses of the Sun, one eclipse of the Moon and one transit of Mercury over the solar disc.

Details of the following eclipses have been given in the body of the panchang

1. 11 Ashadha, (ni) 18 Ashadha 5120 K.E., 02 July 2019 - Solar Eclipse (Total)
(From h. 22-25 to 27-21) Not visible in India.
2. 25 Ashadha, (ni) 01 Sravana 5120 K.E., 16 July 2019 - Lunar Eclipse (Partial)
(From h. 25-31 to 28-30) Visible in India.
3. 05 Pausha, (ni) 12 Pausha 5120 K.E., 26 December 2019 - Solar Eclipse (Annular)
(From h. 08-00 to 13-36) Visible in India.

Transit of Mercury over the solar disc

(Details of the Transit have been given in the body of the panchang)

1. 20 Kartika, (ni) 27 Kartika 5120 K.E., 11 November 2019 - Transit of Mercury over the Solar Disc.
(From h. 18-05 to h. 23-34) Not visible in India.*

***Note:-** The Phenomenon just starts at few places of very extreme western part of Gujarat like Dwarka, Porbandar etc. at the time of sunset of those places.

MEAN NIRAYANA LONGITUDE OF PLANETS
BY BIJA CORRECTIONS TO SURYA SIDDHANTA ELEMENTS
For Chaitra 1, 1941 Saka, (ni) Chaitra 8, 5119 KE, March 22, 2019 A.D. 5-30 A.M. I.S.T.

	Mean Surya Siddhanta Longitude				Bija Correction			Mean Nirayana Longitude* (Modern)			
	s	o	'	"	o	'	"	s	o	'	"
Mean Sun (Ravi Madhya)	11	04	44	46.17	+ 0	20	47.35	11	05	05	33.52
Solar Perigee (Ravi Mandocca + 180°)	8	17	17	42.63	+ 1	51	1.81	8	19	08	44.44
Mean Moon (Chandra Madhya)	5	15	44	42.93	+ 0	10	1.41	5	15	54	44.34
Lunar Perigee (Chandra Mandocca + 180°)	4	7	05	34.01	- 5	51	40.63	4	01	13	53.38
Rahu or Lunar Node	3	03	08	40.01	- 3	56	12.03	2	29	12	27.98
†Mean Mercury (Budha Sighrocca)	5	10	44	38.44	- 6	10	36.75	5	04	34	01.69
†Mean Venus (Sukra Sighrocca)	8	12	42	30.15	- 8	25	52.56	8	04	16	37.59
Mean Mars (Mangala Madhya)	1	18	13	34.71	+1	48	49.18	1	20	02	23.89
Mean Jupiter (Brihaspati Madhya)	7	28	24	14.34	- 4	39	1.81	7	23	45	12.53
Mean Saturn (Sani Madhya)	8	14	49	23.92	+6	15	52.53	8	21	5	16.45

Mean Ayanamsa on 1 Chaitra, 1941 S.E., (ni) 8 Chaitra, 5119 K.E., 22 March, 2019 : 24° 07' 16"

* The longitude of planets given in the Panchang are based on these values.

†For mean positions of Mercury and Venus we compute their mean positions at Sighrocca (Perigee)

**NATIONAL CALENDAR
1941 SAKA ERA
5119-20 KALI ERA
(2019-20 A.D.)**

NATIONAL CALENDAR
 SAKA ERA 1941, KALI ERA 5119-20,
 (2019-20 A.D.)

CHAITRA [(ni) Chaitra-Vaisakha, 5119-5120 K.E.] (MARCH - APRIL, 2019 A. D.)					SUN	VAISAKHA [(ni) Vaisakha-Jyaishtha, 5120 K.E.] (APRIL - MAY, 2019 A. D.)				
3	10	17	24			1	8	15	22	29
10	17	24	1			8	15	22	29	5
24	31	7	14			21	28	5	12	19
4	11	18	25		MON	2	9	16	23	30
11	18	25	2			9	16	23	30	6
25	1	8	15			22	29	6	13	20
5	12	19	26		TUE	3	10	17	24	31
12	19	26	3			10	17	24	31	7
26	2	9	16			23	30	7	14	21
6	13	20	27		WED	4	11	18	25	
13	20	27	4			11	18	25	1	
27	3	10	17			24	1	8	15	
7	14	21	28		THU	5	12	19	26	
14	21	28	5			12	19	26	2	
28	4	11	18			25	2	9	16	
1	8	15	22	29	FRI	6	13	20	27	
8	15	22	29	6		13	20	27	3	
22	29	5	12	19		26	3	10	17	
2	9	16	23	30	SAT	7	14	21	28	
9	16	23	30	7		14	21	28	4	
23	30	6	13	20		27	4	11	18	
JYAISHTHA [(ni) Jyaishtha-Ashadha, 5120 K.E.] (MAY - JUNE, 2019 A. D.)					SUN	ASHADHA [(ni) Ashadha-Sravana, 5120 K.E.] (JUNE - JULY, 2019 A. D.)				
5	12	19	26			30	2	9	16	23
12	19	26	2			6	9	16	23	30
26	2	9	16			21	23	30	7	14
6	13	20	27		MON	31	3	10	17	24
13	20	27	3			7	10	17	24	31
27	3	10	17			22	24	1	8	15
7	14	21	28		TUE	4	11	18	25	
14	21	28	4			11	18	25	1	
28	4	11	18			25	2	9	16	
1	8	15	22	29	WED	5	12	19	26	
8	15	22	29	5		12	19	26	2	
22	29	5	12	19		26	3	10	17	
2	9	16	23	30	THU	6	13	20	27	
9	16	23	30	6		13	20	27	3	
23	30	6	13	20		27	4	11	18	
3	10	17	24	31	FRI	7	14	21	28	
10	17	24	31	7		14	21	28	4	
24	31	7	14	21		28	5	12	19	
4	11	18	25		SAT	1	8	15	22	29
11	18	25	1			8	15	22	29	5
25	1	8	15			22	29	6	13	20

NATIONAL CALENDAR
 SAKA ERA 1941, *KALI ERA 5120*,
 (2019-20 A.D.)

SRAVANA <i>[(ni) Sravana-Bhadra, 5120 K.E.]</i> (JULY - AUGUST, 2019 A. D.)						BHADRA <i>[(ni) Bhadra-Asvina, 5120 K.E.]</i> (AUGUST - SEPTEMBER, 2019 A. D.)				
6	13	20	27			31	3	10	17	24
13	20	27	3		SUN	7	10	17	24	31
28	4	11	18			22	25	1	8	15
7	14	21	28		MON		4	11	18	25
14	21	28	4				11	18	25	1
29	5	12	19			26	2	9	16	
1	8	15	22	29	TUE		5	12	19	26
8	15	22	29	5		12	19	26	2	
23	30	6	13	20		27	3	10	17	
2	9	16	23	30	WED		6	13	20	27
9	16	23	30	6		13	20	27	3	
24	31	7	14	21		28	4	11	18	
3	10	17	24	31	THU		7	14	21	28
10	17	24	31	7		14	21	28	4	
25	1	8	15	22		29	5	12	19	
4	11	18	25		FRI	1	8	15	22	29
11	18	25	1			8	15	22	29	5
26	2	9	16			23	30	6	13	20
5	12	19	26		SAT	2	9	16	23	30
12	19	26	2			9	16	23	30	6
27	3	10	17			24	31	7	14	21
ASVINA <i>[(ni) Asvina-Kartika, 5120 K.E.]</i> (SEPTEMBER - OCTOBER, 2019 A. D.)						KARTIKA <i>[(ni) Kartika-Agrahayana, 5120 K.E.]</i> (OCTOBER - NOVEMBER, 2019 A. D.)				
7	14	21	28			5	12	19	26	
14	21	28	5		SUN	12	19	26	3	
29	6	13	20			27	3	10	17	
1	8	15	22	29	MON	6	13	20	27	
8	15	22	29	6		13	20	27	4	
23	30	7	14	21		28	4	11	18	
2	9	16	23	30	TUE	7	14	21	28	
9	16	23	30	7		14	21	28	5	
24	1	8	15	22		29	5	12	19	
3	10	17	24		WED	1	8	15	22	29
10	17	24	1			8	15	22	29	6
25	2	9	16			23	30	6	13	20
4	11	18	25		THU	2	9	16	23	30
11	18	25	2			9	16	23	30	7
26	3	10	17			24	31	7	14	21
5	12	19	26		FRI	3	10	17	24	
12	19	26	3			10	17	24	1	
27	4	11	18			25	1	8	15	
6	13	20	27		SAT	4	11	18	25	
13	20	27	4			11	18	25	2	
28	5	12	19			26	2	9	16	

NATIONAL CALENDAR
 SAKA ERA 1941, *KALI ERA 5120*,
 (2019-20 A.D.)

AGRAHAYANA <i>[(ni) Agrahayana-Pausha, 5120 K.E.]</i> (NOVEMBER - DECEMBER, 2019 A. D.)						PAUSHA <i>[(ni) Pausha-Magha, 5120 K.E.]</i> (DECEMBER - JANUARY, 2019-20 A. D.)				
3	10	17	24			1	8	15	22	29
10	17	24	1		SUN	8	15	22	29	6
24	1	8	15			22	29	5	12	19
4	11	18	25		MON	2	9	16	23	30
11	18	25	2			9	16	23	30	7
25	2	9	16			23	30	6	13	20
5	12	19	26		TUE	3	10	17	24	
12	19	26	3			10	17	24	1	
26	3	10	17			24	31	7	14	
6	13	20	27		WED	4	11	18	25	
13	20	27	4			11	18	25	2	
27	4	11	18			25	1	8	15	
7	14	21	28		THU	5	12	19	26	
14	21	28	5			12	19	26	3	
28	5	12	19			26	2	9	16	
1	8	15	22	29	FRI	6	13	20	27	
8	15	22	29	6		13	20	27	4	
22	29	6	13	20		27	3	10	17	
2	9	16	23	30	SAT	7	14	21	28	
9	16	23	30	7		14	21	28	5	
23	30	7	14	21		28	4	11	18	
MAGHA <i>[(ni) Magha-Phalguna, 5120 K.E.]</i> (JANUARY - FEBRUARY, 2020 A. D.)						PHALGUNA <i>[(ni) Phalguna-Chaitra, 5120 K.E.]</i> (FEBRUARY - MARCH, 2020 A. D.)				
6	13	20	27			4	11	18	25	
13	20	27	4		SUN	11	18	25	2	
26	2	9	16			23	1	8	15	
7	14	21	28		MON	5	12	19	26	
14	21	28	5			12	19	26	3	
27	3	10	17			24	2	9	16	
1	8	15	22	29	TUE	6	13	20	27	
8	15	22	29	6		13	20	27	4	
21	28	4	11	18		25	3	10	17	
2	9	16	23	30	WED	7	14	21	28	
9	16	23	30	7		14	21	28	5	
22	29	5	12	19		26	4	11	18	
3	10	17	24		THU	1	8	15	22	29
10	17	24	1			8	15	22	29	6
23	30	6	13			20	27	5	12	19
4	11	18	25		FRI	2	9	16	23	30
11	18	25	2			9	16	23	30	7
24	31	7	14			21	28	6	13	20
5	12	19	26		SAT	3	10	17	24	
12	19	26	3			10	17	24	1	
25	1	8	15			22	29	7	14	