

# Indian Records of Eclipses:

## *Their Historical Matrix*

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(Paper presented at the International Workshop on Eclipse Records: Tokyo; Nov. 2014)

In India, mathematical or computational astronomy had its beginning around the fourth century CE. The first authentic and concise text, called the *Āryabhaṭīyam* of *Āryabhaṭa I* (b.476 A.D.) appeared towards the close of the fifth century. Ever since, an appreciably large number of texts, some of them being voluminous, came out from time to time till the middle of the nineteenth century over a span of nearly a thousand and four hundred years. Many of them, besides other astronomical aspects, deal with eclipses, both lunar and solar, in a comprehensive manner – cause of eclipse; duration of the eclipse; half duration; first and last contact of the eclipsed one; determination of the obscured portion of any time; possibility of an eclipse; diagrammatic representation; path of the eclipsing body; parallax in longitude and its application; likewise parallax in latitude; and also the conditions for the impossibility of the occurrence of an eclipse in the context of the position of the sun and that of the node - all in a scientific manner.

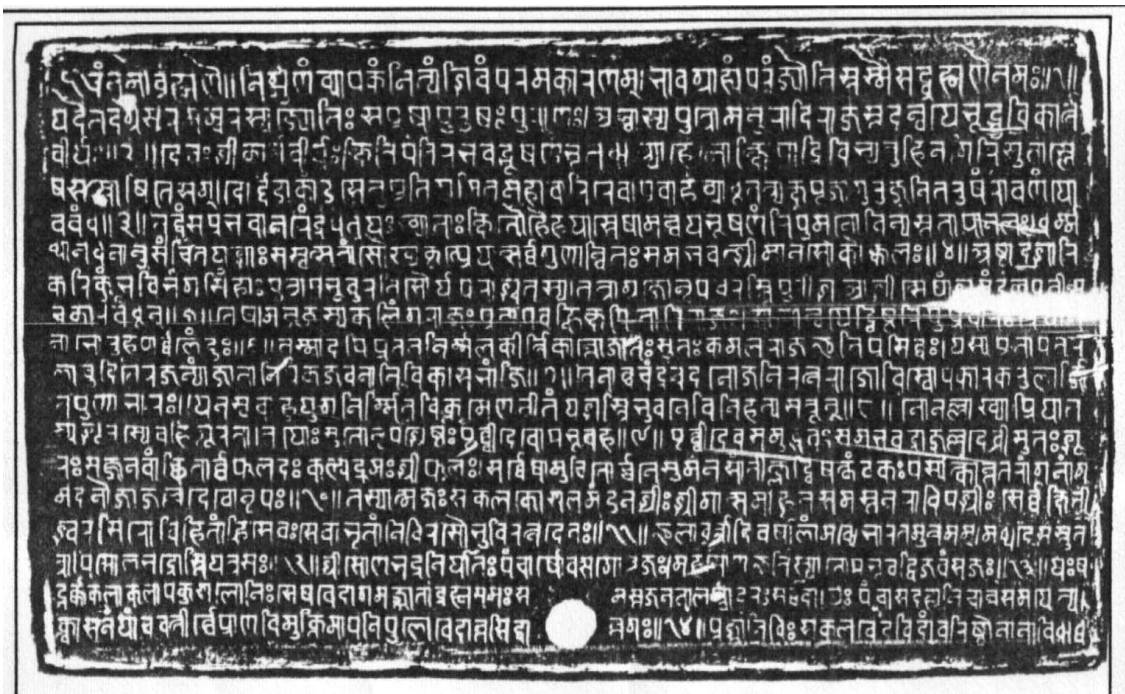
Calendar – making was and has been even now, an important component of the computational methods given in most of these texts. Of the three types, namely the lunar, solar and luni-solar with intercalation of an additional lunar month once in about three years, has its place, while the first two are being used largely still in different parts of India. The origin of calendrical computation goes back to the Vedic period (c.1500-600 BCE); but it became a continuous tradition with the reckoning of eras of which the *Śālivāhana Śaka* (beginning with 78 CE) and *Vikram Samvat* (from 56 BCE) have been popular. The computation of calendars and their continuity coupled with the desires of the kings and chieftains to make grants, gifts, donations and performance of other humanitarian deeds to the people under their governance from time to time on auspicious days as determined by the court-astronomers, were a strong motivation for recording the dates with authenticity. In this milieu, the dates on which eclipses, both solar and lunar, occurred received their due attention. In fact, the duration of an eclipse was regarded as auspicious and it was believed that, if grants and philanthropic acts were made during this period, the donor would accrue merit and enjoyment of happy future for himself and his family. It would thus appear that the occurrence of an eclipse was not to be dreaded or feared, but that it was regarded as the auspicious time for acquiring merits as one would if a humanitarian deed was performed on other auspicious days. The following table provides a glimpse of the kind of grants, gifts and other noble deeds on the date of the eclipse, as recorded in the inscriptions:

(AR: Annual Report of the Epigraphy Dept, Arch. Survey of India) Note: The Julian/Gregorian dates in this Table as well as in the others which follow, are the ones corresponding to those of the Indian calendar, and the former are arrived at by appropriate conversion method.

Reference	Date of the eclipse (according to Julian/Gregorian calendar)	Type of eclipse	Name of grant, gift etc
AR (1959;42)	March 6, 965 A.D.	Solar	Gift of a village to a Brāhmana (learned person)
AR (1959;96)	June 29, 1033 A.D.	Solar	Land grant to a temple for worship and education
AR (1960;101)	Sept., 6 1104 A.D.	Lunar	Grant of land, flower garden, oil mill for maintaining perpetual lamp, house site to a temple
AR (1971;40)	Sept., 8, 1150 A.D.	Lunar	Land, garden and renovation of Pārśvanātha temple.
AR (1962;136)	Jan., 22, 1209 A.D.	Lunar	Land grant for the installation of a divinity
AR (1962;47)	April 5, 1391 A.D.	Solar	Creation of an <i>agrahāra</i> for 12 R̥gvedic Brāhmanas and construction of a tank-bund
AR (1984;20)	Feb., 3, 1459 A.D.	Solar	Gift of land, tank and canal to a deity.
AR (1970;59)	May 13, 1519 A.D.	Lunar	Land, houses and garden to several Brāhmanas
AR (1979;59)	Oct., 28, 1566 A.D.	Lunar	Grant of income from taxes in respect of 18 <i>agrahāra</i> villages.
AR (1914; 8)	April 27, 1687 A.D.	Lunar	Grant of land to a religious monastery.

**Prediction of eclipse**

Indian astronomers were well-versed in predicting the occurrence of an eclipse. A copper-plate grant (see below) in Sanskrit, its traditional almanac date being the full-moon day of Kārttika 880 Kalachuri era) reveals the accurate forecast of a total lunar eclipse that occurred on 1128 AD November 8. Giving the genealogy of the King of the time and also of the astronomer by name Padmanābha, this inscription records as follows:





Inscription dated 880 of the Kalachuri era depicting the donation made by the King to an astronomer, Padmanābha for his predicting exactly the occurrence of total lunar eclipse on the full-moon day of Kārttika month of 880 of Kalachuri era (8 Nov, 1128)

Padmanābha, son of Kalāchandra of Śrīvatsa *gotra* and the *pravara* belonging to Madhyadesha, was proficient in astronomy and knew two *siddhāntas*. In the presence of all astronomers in the assembly of King Ratnadeva, he (Padmanābha) asserted that there would be a total lunar eclipse when three quarters of the night had passed, and the Moon would be in the *nakṣatra* Rohinī, on Thursday, the *Pūrṇimā* of (the lunar month) Kārttika in the year 880 (Kalachuri). When the eclipse actually occurred at the predicted time, the King became pleased and donated the village, Chinchatalai, to Padmanābha.

The traditional date of Kārttika Pūrṇimā (Thursday) of Kalachuri era, 880, corresponds to 8 November, 1128, on which night there was a total lunar eclipse, as confirmed by NASA tables.

Padmanābha, according to this inscription, knew two *siddhāntas* (texts on mathematical astronomy). Some scholars opine that they were (i) the *Sūryasiddhānta*, and (ii) the *Brāhmasphuṭa Siddhānta* of Brahmagupta. However, it is likely that he would have been also well versed in Śripati's *Siddhāntaśekhara* (11<sup>th</sup> cent.) which, unlike any other *Siddhānta*, has a chapter titled *Rāhunirṇaya*, regarding the ascending node which plays a role in our understanding of the occurrence of an eclipse. The foregoing inscription reveals the soundness of Indian mathematical astronomy in respect of the prediction of the occurrence of an eclipse.

**Eclipse Records**

The records of eclipses are principally of two kinds: (1) literary or texts on astronomy; and (ii) inscriptions which include copper-plate grants. In the first, however, such records are few and far between, the number of recorded eclipses both solar and lunar, being only 21 in six texts. Even among them, only one (15<sup>th</sup> century) has a record of 13 (7 solar and 6 lunar) eclipses, while the other five works discuss an eclipse as an example. The records of eclipses in the literary works are as follows:

## Literary Sources

i) Text: Siddhānta Dīpikā, A commentary by Parameśvara on *Mahābhāskariya* by Bhāskara I

Sl.No.	Kali days (Indian)	Julian Year	Month	Day
1	1643524	1398	11	9
2	1647156	1408	10	19
3	1648722	1413	2	1
4	1652000	1422	1	23
5	1652694	1423	12	18
6	1653387	1425	11	11
7	1653403	1425	11	26/27
8	1654614	1429	3	21
9	1655130	1430	8	19
10	1655293	1431	1	29
11	1655484	1431	8	9
12	1655647	1432	1	18
13	1655662	1432	2	2

(ii) Bhashya by Nilakanṭha Somayāji

Sl.No.	Kali days	Year	Month	Day
1	1668478	1467	3	6

*Commentary on Khaṇḍakhādya of Brahmagupta by Pṛthūdakaśvāmin*

Solar: 862 A.D., March 4 (Julian)

*Commentary on Sūryasiddhānta by Yallaya*

1472 A.D., May 22 (Julian)

Lunar: 1474 A.D., April 16 (Julian)

*Commentary on Grahalāghavam of Gaṇeśa Daivajña by Viśvanātha*

Solar: 1610 A.D., December 15 (Gregorian)

Lunar: 1612 A.D., May 15 (Gregorian)

Lunar: 1620 A.D., December 9 (Gregorian)

*Commentary on Karaṇakutūhalam of Bhāskara II*

Lunar: 1620 A.D., December 9 (same as given by Viśvanātha)

## Inscriptions

The inscriptions on stone slabs, walls, pillars and copper- plates (which are also called copper-plate grants) have been indeed impressive sources as records of eclipses which occurred from the fifth century CE to the middle of the nineteenth century. As many as over 1,00,000 inscriptions which are in Sanskrit and other regional languages have been catalogued over the past 130 years, and their impressions or photographic reproductions have been preserved in the Department of Epigraphy of the Archaeological Survey of India (in Mysuru in South India). Of them, about 40,000 inscriptions have been studied and published in the *Annual Reports* of the Department of Epigraphy; *Epigraphia Indica*, *South Indian Inscriptions*, *Epigraphia Carnatika*; *Corpus Inscriptionum Indicarum* and other publications (see Bibliography at the end).

The earliest inscriptions belong to the third century BCE; but no record of eclipses has been found in them, nor in those up to the fourth century CE. It is only from the fifth century A.D. onwards till the middle of the nineteenth century that an appreciable number of inscriptions have recorded eclipses with dates. The life-line of any record or inscription is its recognizable date. The progress of mathematical astronomy in India laid solid foundation for the determination as well as recording precise dates in relation to the chosen era. More importantly as noted before, Indian astronomers were able to predict the exact date of the occurrence as well as the type of eclipse, thus confirming the soundness of Indian mathematical astronomy.

Apart from the dynastic eulogy and genealogical presentation which constitute a major portion of an inscription, some details of grants or gifts have been mentioned along with the date (day, month and year of an era) on which such grants or donations were made. In respect of inscriptions which have recorded eclipses, the date of the occurrence of eclipse has been mentioned along with the nature of the eclipse, either solar or lunar. There is also an indication, but rarely, as to whether the eclipse is partial or total (in the case of solar eclipse whether it is annular or hybrid). Likewise, the name of the week-day as well as the asterism of the lunar zodiac associated with that day, has also been mentioned in some cases, but not always. As for the dates, those of lunar calendar are more in usage than the solar one; and among the eras, the Śalivāhana Śaka (78 CE) has been used extensively, the Vikram Samvat (56 BC) and a few others like Chedi or Kalachuri, Chalukya and Kali being adopted now and then.

The results of the present studies relate to about 13,000 published inscriptions (from the fifth century CE to the middle of the nineteenth century). It is desirable, indeed necessary, that further studies are undertaken in order to bring to light the extensive records of eclipses in Indian inscriptions. The following are the results of the studies made so far:

### Literary sources

Total number of records of eclipses: 21

One eclipse in two texts; 3 do not tally with NASA dates;

4 have been recorded in inscriptions. Thus 13 (Solar - 7; Lunar - 6)

new eclipses have been recorded in the texts

Number of eclipses the traditional dates of which, when converted to Julian / Gregorian dates, are identical with the NASA dates

Inscriptions – 403 (195 solar and 208 lunar)

Textual -13 (Solar 7 and Lunar 6)

Total number of recorded eclipses 416

Number of places in which the same eclipse has been recorded: (see tables)

	Solar	Lunar
Two places	48	44
Three places	14	20
Four places	14	10
Five places	5	4
Six places	5	2
Seven places	6	2

One eclipse has been recorded in eight different places

Number of eclipses the dates of which vary with those of NASA

About 200 (Solar and Lunar)

The relevant details about the eclipses, the dates of which are in full agreement with the corresponding NASA dates have been presented in the form of Tables (see pp.13 to 32).

As regards the record of about 200 eclipses, the dates of which do not agree with those of NASA, further studies are needed to determine (i) to what extent some of them are due to scribal error; (ii) the possible wrong conversion of Indian traditional dates into Julian/Gregorian dates in respect of several others; and (iii) whether the traditional dates correspond to those on which the inscriptions were actually made after the eclipse had taken place, since some of the inscriptions state clearly that that it was *on account of an eclipse* that occurred, the donations and gifts were offered. In any case, there is no gainsaying that in India there was a continuous tradition of recording eclipses, both solar and lunar, from about the fifth century CE which was engendered by an active and purposeful pursuit of mathematical or computational astronomy.

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## List of Eclipses Recorded in Inscriptions 440 A.D. to c.1850 A.D.

### ABBREVIATIONS:

- A.R.: Annual Report on Indian Epigraphy  
 CII : Corpus Inscriptionum Indicarum  
 EC : Epigraphia Carnatica  
 EI : Epigraphia Indica  
 IA : Indian Antiquary  
 IKW: Inscriptions of Kakatiyas of Warangal  
 IAP: Inscriptions of Andhra Pradesh  
 IO : Inscriptions of Orissa  
 KUES : Kannada University Epigraphical Series  
 NDI: Nellore District Inscriptions  
 SII : South Indian Inscriptions

### Tables

#### Inscriptional Sources

(Numbers in brackets in the last column indicate the number of places where the same eclipse has been recorded with different donations)

#### SOLAR ECLIPSES

1	2	3	4	5
Sl. No.	Reference / Source	Location	Type of Eclipse	Date
1	EI XXIV, 43 (c)	Vavveru, Nellore Dist., Andhra Pradesh	Solar	440 A.D., May 17
2	EI XXI, 30 (c)	Bantia, Kanthiawar Dist., Gujarat	Solar	573 A.D., March 19
3	IA VI, pp72-75	Begam Bazar, Hyderabad, Andhra Pradesh	Solar	613 A.D., July 23
4	EI VI, 14	Madras Museum, Madras	Solar	620 A.D., Sept., 12
5	EI XXVIII, 34 B (c)	Kasare, West Khandesh Dist., Maharashtra	Solar	653 A.D., June 1
6	EI IX, 12 (c)	Talamanchi, Nellore Dist., Andhra Pradesh	Solar	660 A.D., July 13
7	EI III, pp.1	Pattadakal, Bagalkot Dist., Karnataka	Solar	754 A.D., June 25
8	EI XII, 23 (c)	Hansot, Broach Dist., Gujarat	Solar	756 A.D., Oct., 28
9	BISM VIII, pp.166-167	Pune Tq., & Dist., Maharashtra	Solar	758 A.D., Oct., 7
10	BISM VIII-pt.III, No.34	Madhila, Pune Dist., Maharashtra	Solar	768 A.D., March 23
11	EI X, 19	Pimpri, East Khandesh Maharashtra	Solar	775 A.D., Oct., 29
12	AR 12 (1968; 22) (c)	Garugadahalli, Tumkur Dist., Karnataka	Solar	783 A.D., Nov., 29
13	EI XXII, 17	Jethwal near Indore, Madhya Pradesh	Solar	786 A.D., Sept., 27
14	EC IV, Ch.126	Basavattu, Chamarajanagar Dist., Karnataka	Solar	791 A.D., July 6
15	EI III, 17 (c)	Paithan, Aurangabad Dist., Maharashtra	Solar	794 A.D., May 4
16	EI XXII, 2 (c)	Anjanavati, Amaravati Dist., Maharashtra	Solar	800 A.D., June 26
17	EI VI, 23	Radhanpur, Pathana Dist., Maharashtra	Solar	808 A.D., July 27
18	EI XXIII, 33B (c)	Sirso, Akola Dist., Maharashtra	Solar	812 A.D., Nov., 8
19	EC V, Kn.49 (c)	Saligrama, Mysore Dist., Karnataka	Solar	819 A.D., June 26 (3)



1	2	3	4	5
20	EI VII, 28(E)	Siruru, Dharwar Dist., Karnataka	Solar	866 A.D., June 16 (3)
21	IA XII, 3	Bharot, Surat Dist., Gujarat	Solar	867 A.D., June 6
22	SII XI-pt.I, 16	Ron, Dharwad Dist., Karnataka	Solar	874 A.D., July 17
23	IA XIV, 199	Ankuleshwar Tq., Surat Dist., Gujarat	Solar	888 A.D., April 15
24	EI XIX, 12	Takkalam, N.A. Dist. Tamilnadu	Solar	894 A.D., June 4
25	SII XI-pt.I, 27	Chincholi, Dharwad Dist., Karnataka	Solar	904 A.D., Nov., 10
26	EI XXXV, 33(1)	Pushkar, Ajmer, Rajasthan	Solar	938 A.D., Feb., 3
27	SII XVII, 26	Salotogi, Bijapur Dist., Karnataka	Solar	945 A.D., Sept., 9
28	EI XXV, 6	Ambasamudram, Thinnavelly Dist., Tamilnadu	Solar	960 A.D., May., 28
29	SII XI-pt.I, 30	Kambaduru, Kalyanadurg Dist., A.P.	Solar	965 A.D., March 6 (5)
30	A.R.290 (1952; 61)	Nayakallu, Karnool Dist., Andhra Pradesh	Solar	967 A.D., July 10
31	A.R.293 (1967; 47)	Adaragunchi, Dharwar Dist., Karnataka	Solar	971 A.D., Oct., 22 (2)
32	EI XVI, 1	Sogal, Belgaum Dist., Karnataka	Solar	978 A.D., June 8
33	EC III, Gu.95	Padagur, C.R.Nagar Dist., Karnataka	Solar	986 A.D., Jan., 13 (2)
34	A.R.204 (1947; 25)	Lakshmipur, Dharwad Dist., Karnataka	Solar	990 A.D., Oct., 21
35	A.R.6 (1976; 29)	Karimnagar, Andhra Pradesh	Solar	992 A.D., March 7
36	A.R.16 (1959; 37)	Janjira, Kolaba Dist., Maharashtra	Solar	993 A.D., Aug., 20 (2)
37	EI XVII, 2	Tumbagi, Bijapur Dist., Karnataka	Solar	1004 A.D., July 20 (2)
38	SII IX-pt.I, 83	Kattebennur, Bellary Dist., Karnataka	Solar	1025 A.D., Nov., 23
39	A.R.103 (1981; 47)	Mankekere, Raichur Dist., Karnataka	Solar	1026 A.D., Nov., 12
40	A.R.246 (1953; 46)	Lingasuguru, Raichur Dist., Karnataka	Solar	1032 A.D., Jan., 15 (2)
41	A.R.831 (1962; 142)	Tadkal, Raichur Dist. Karnataka	Solar	1033 A.D., Jan., 4 (3)
42	EI XIX, 37	Gadag, Dharward Dist., Karnataka	Solar	1036 A.D., Oct., 22 (2)
43	EI XXXVII, 45 (c)	Panch-Pakhadi, Thana Dist., Maharashtra	Solar	1039 A.D., Aug., 22 (2)
44	A.R.294 (1967; 47)	Prince of Wales Museum, Mumbai	Solar	1044 A.D., Nov., 22 (2)
45	A.R.31 (1992; 17)	Kurumiddi, Mahabubnagar Dist., Andhra Pradesh	Solar	1046 A.D., April 9
46	SII XI-pt.I, 80	Arasibid, Bijapur Dist., Karnataka	Solar	1047 A.D., March 29 (4)
47	A.R.49 (1950, 16)	Temple in Hanagal, Dharwad Dist., Karnataka	Solar	1047 A.D., Sept., 22 (2)
48	EC III, Gu.95	Padagur, C.R.Nagar Dist., Karnataka	Solar	1049 A.D., Feb., 5
49	SII XI-pt.I, 88	Arasibid, Bijapur Dist., Karnataka	Solar	1053 A.D., Nov., 13 (6)
50	A.R.102 (1952; 36)	Itagi, Dharwad Dist., Karnataka	Solar	1054 A.D., May 10 (5)
51	A.R.238 (1962; 77)	Penta (Khurd), Nizamabad Dist., Andhra Pradesh	Solar	1059 A.D., Feb., 15 (2)
52	A.R.38 (1942; 166)	Siddhesvaram, Kurnool Dist., Andhra Pradesh	Solar	1061 A.D., June 20 (6)
53	SII XI-pt.I, 101	Alur, Dharwad Dist., Karnataka	Solar	1068 A.D., Feb., 6 (2)
54	SII IX-pt.I, 134	Sivapuram, Kurnool Dist., Andhra Pradesh	Solar	1069 A.D., July 21 (3)
55	SII XI-pt.I, 117	Nidugundi, Dharward Dist., Karnataka	Solar	1076 A.D., Sept., 1
56	SII IX-pt.I, 145	Bagali, Bellary Dist., Karnataka	Solar	1079 A.D., July 1
57	EI XIX, 29C	Kolur, Dharwad Dist., Karnataka	Solar	1079 A.D., Dec., 26 (6)
58	SII XVIII, 88	Galaganath, Dharwad, Karnataka	Solar	1080 A.D., June 20 (4)
59	A.R.527 (1914; 54)	Holagondi, Bellary Dist., Karnataka	Solar	1083 A.D., Oct., 14 (4)
60	A.R.262 (1945; 37 (c))	Padagatti-Tilivalli, Dharwad Dist., Karnataka	Solar	1086 A.D., Aug., 12

1	2	3	4	5
61	SII XI-pt.II, 135	Arasiridi, Bijapur Dist., Karnataka	Solar	1087 A.D., Aug., 1 (5)
62	IKW, 5	Kazipeta, Warangal Dist., Andhra Pradesh	Solar	1090 A.D., Nov., 24 (3)
63	SII IX-pt.I, 163	Halagondi, Hadagalli Dist., Karnataka	Solar	1093 A.D., Sept., 23
64	A.R.69 (1961; 50)	Bhuvanagiri, Nalgonda Dist., Andhra Pradesh	Solar	1091 A.D., May 12
65	A.R.123 (1959; 57)	Local Museum, Mahabubnagar Dist., A.P.	Solar	1097 A.D., Jan., 16 (2)
66	A.R.62 (1951; 17)	Ablur, Dharwad Dist., Karnataka	Solar	1101 A.D., April 15 (2)
67	KUES Pt.6, 8	Andur, Tuljapur Tq., Maharashtra	Solar	1107 A.D., Dec., 16 (6)
68	A.R.124 (1977; 69)	Datturgam, Gulbarga Dist., Karnataka	Solar	1108 A.D., June 11 (8)
69	A.R.104 (1954; 38)	Akkalkot, Sholapur Dist., Maharashtra	Solar	1110 A.D., Oct., 15
70	A.R.143 (1978; 66)	Mashala, Gulbarga Dist., Karnataka	Solar	1113 A.D., March 19 (7)
71	KUES, Pt.5-2, 539	Perur, Andhra Pradesh	Solar	1119 A.D., May 11 (7)
72	SII XI-pt.II, 168	Jakkali, Dharwar Dist., Karnataka	Solar	1120 A.D., Oct., 24 (7)
73	A.R.512 (1961; 100)	Gotur, Gulbarga Dist., Karnataka	Solar	1122 A.D., March 10
74	A.R.452 (1959; 93)	Chitapur, Gulbarga Dist., Karnataka	Solar	1124 A.D., Aug., 11
75	SII XI-pt.II, 176	Abbigeri, Dharwad Dist., Karnataka	Solar	1126 A.D., June 22 (7)
76	SII XX, 134	Tadalbagi, Bijapur Dist., Karnataka	Solar	1129 A.D., April 20 (2)
77	A.R.189 (1958; 47)	Ergi, Nanded Dist., Maharashtra	Solar	1130 A.D., Oct., 4 (5)
78	A.R.230 (1913; 26)	Sindavala, Bellary Dist., Karnataka	Solar	1131 A.D., Sept., 23 (3)
79	SII XX, 104	Malghan, Bijapur Dist., Karnataka	Solar	1133 A.D., Aug., 2 (2)
80	A.R.684 (1926; 22)	Babbili Tq., Vishkapatam Dist., Andhra Pradesh	Solar	1134 A.D., Jan., 27 (4)
81	EI XXXVIII pt.3, 24	Nimbarga, Gulbarga Dist., Karnataka	Solar	1134 A.D., July 23 (4)
82	SII XV, 14	Siddhapur, Dharwad Dist., Karnataka	Solar	1135 A.D., Jan., 16
83	EI XXIII, 43A	Chanje, Panvel Tq. Maharashtra	Solar	1137 A.D., Nov., 15 (4)
84	A.R.187 (1956; 61)	Kalyan, Bidar Dist., Karnataka	Solar	1141 A.D., March 10 (2)
85	EC XL, 12 (c)	Pasid, Raipur Dist., Madhya Pradesh	Solar	1141 A.D., Sept., 2 (4)
86	A.R.231 (1953; 44)	Haliyal Tq, North Carana Dist., Karnataka	Solar	1144 A.D., Dec., 26 (4)
87	SII IX-pt.I, 247	Srinivasapuram, Same Dist., Karnataka	Solar	1147 A.D., Oct., 26
88	SII, IX-pt.I, 251	Bennehalli, Hosapanna Dist., Karnataka	Solar	1148 A.D., April 20 (7)
89	A.R.295 (1932; 37)	Madala, Guntur Dist., Andhra Pradesh	Solar	1152 A.D., Feb., 7 (2)
90	SII, IX-pt.I, 264	Halyam, Bellary Dist., Karnataka	Solar	1154 A.D., Feb., 18
91	A.R.337 (1958; 106)	Bassein, Thana Dist., Maharashtra	Solar	1162 A.D., Jan., 17 (3)
92	EI XIII, 18 (c)	Bamnera, Jodhpur Dist., Rajasthan	Solar	1163 A.D., July 3 (2)
93	EC XII, Tk.3	Attimogge, Chikkamagalur Dist., Karnataka	Solar	1167 A.D., April 21
94	KUES, Pt.6, 115	Madagihala, Tasogaoan Tq., Maharashtra	Solar	1173 A.D., June 12 (2)
95	A.R.94 (1951; 22)	Rattihalli, Dharwad Dist., Karnataka	Solar	1174 A.D., June 1 (2)
96	A.R.98 (1990; 65)	Bhusaga, Gulbarga Dist., Karnataka	Solar	1174 A.D., Nov., 26
97	A.R.260 (1953; 48)	Kuknur, Raichur Dist., Karnataka	Solar	1178 A.D., Sept., 13
98	SII IX-pt.I, 277	Malakapuram, Adoni Dist., Karnataka	Solar	1184 A.D., Nov., 5 (7)
99	SII XXVIII, 18	Nimbal, Bijapur Dist., Karnataka	Solar	1187 A.D., Sept., 4 (2)
100	EC V, TN.158	Talakadu, Mysore Dist., Karnataka	Solar	1188 A.D., Aug., 24 (2)
101	SII XV, 150	Gadag, Dharwar Dist., Karnataka	Solar	1191 A.D., June 23 (2)
102	CII VI, 64 (c)	Kutapur, Maharashtra	Solar	1191 A.D., Dec., 18 (2)

1	2	3	4	5
103	SII XV, 209	Lakkundi, Dharwad Dist., Karnataka	Solar	1195 A.D., April 12 (3)
104	A.R.436 (1960; 93)	Kummur, Bijapur Dist., Karnataka	Solar	1195 A.D., Oct., 5
105	SII XX, 184	Devangav, Bijapur Dist., Karnataka	Solar	1199 A.D., Jan., 28 (4)
106	A.R.100 (1985; 25)	Bhalki, Rayachur Dist., Karnataka	Solar	1202 A.D., May 23
107	SII IX-pt.I, 326	Sandur, Bellury Dist., Karnataka	Solar	1206 A.D., March 11 (2)
108	A.R.219 (1953; 43)	Khedrapur, Kolhapur Dist., Maharashtra	Solar	1213 A.D., April 22 (3)
109	EI IX, 20	Tahankapar, Chattisgarh Dist., Madhya Pradesh	Solar	1214 A.D., Oct., 5 (2)
110	A.R.222 (1962; 75)	Suryapet Tq., Nalagonda Dist., Andhra Pradesh	Solar	1216 A.D., Feb., 19 (2)
111	A.R.171 (1979; 70)	Heragu, Hassan Dist., Karnataka	Solar	1217 A.D., Aug., 4 (4)
112	EI IX, 19 (V)	Dantewar, Andhra Pradesh	Solar	1218 A.D., July 24
113	SII XV, 164	Kandgal, Bijapur Dist., Karnataka	Solar	1220 A.D., June 2 (2)
114	SII XV, 166	Yalvar, Bijapur Dist., Karnataka	Solar	1221 A.D., May 23 (3)
115	SII XX, 248	Saundatti, Belgaum Dist., Karnataka	Solar	1228 A.D., July 3
116	EI XXVIII, 40	Nagari, Cirttack Dist., Orissa	Solar	1230 A.D., May 14 (2)
117	A.R.81 (1952; 35)	Totadappana-matha, Darwad Dist., Karnataka	Solar	1235 A.D., Aug., 15 (2)
118	A.R.95 (1951; 22)	Rattihalli, Darwad Dist., Karnataka	Solar	1238 A.D., Dec., 8 (2)
119	A.R.309 (1923; 69)	Thurlapadu, Amdhra Pradesh	Solar	1239 A.D., June 3
120	SII XX, 200	Bhatgunti, Bijapur Dist., Karnataka	Solar	1240 A.D., May 23
121	A.R.2 (1975; 21)	Ane-Kannambadi, Hassan Dist., Karnataka	Solar	1242 A.D., Sept., 26 (2)
122	A.R.108 (1949; 35)	Kalkere, Dharwad Dist., Karnataka	Solar	1243 A.D., March 22 (2)
123	A.R.132 (1954; 41)	Eresvaram, Nalgonda Dist., Andhra Pradesh	Solar	1246 A.D., Jan., 19 (2)
124	A.R.16 (1943; 11)	Nanaikotkar Tq., Kurnool Dist., Andhra Pradesh	Solar	1249 A.D., May 14
125	EC XII, 106	Devanur, Chikkamagalur Dist., Karnataka	Solar	1253 A.D., March 1
126	EI XXI, 2	Arjunavada, Belgaum Dist., Karnataka	Solar	1260 A.D., April 12
127	A.R.488 (1914; 49)	Hyarada, Bellary Dist., Karnataka	Solar	1261 A.D., April 1 (2)
128	IKW, 186	Panugal, Nalgonda Dist., Andhra Pradesh	Solar	1267 A.D., May 25
129	A.R.87 (1929; 11)	Mutukuru, Guntur Dist., Andhra Pradesh	Solar	1268 A.D., Nov., 6 (4)
130	IKW, 249 (c)	Khandavalli, Godavari Dist., Andhra Pradesh	Solar	1289 A.D., Sept., 16
131	A.R.61 (1986; 42)	Maryalaguda Tq., Nalagonda Dist., Andhra Pradesh	Solar	1290 A.D., Sept., 5 (3)
132	A.R.82 (1929; 11)	Terala, Guntur Dist., Andhra Pradesh	Solar	1292 A.D., Jan., 21 (5)
133	A.R.204 (1971; 51)	Matkur, Dharmapuri Dist., Tamilnadu	Solar	1296 A.D., Oct., 28 (2)
134	A.R.26 (1983; 34)	Ingurti, Warangal Dist., Andhra Pradesh	Solar	1300 A.D., Feb., 21
135	IKW, 286	Cintapalli, Guntur Dist., Andhra Pradesh	Solar	1304 A.D., June 4
136	EC XII, 222	Somanahalli, Chikkamagalur Dist., Karnataka	Solar	1321 A.D., June 26
137	EC III, Gu.41	Taggalur, Chamarajanagar Dist., Karnataka	Solar	1322 A.D., Dec., 9
138	A.R.308 (1915; 28)	Santamagalur, Guntur Dist., Andhra Pradesh	Solar	1326 A.D., April 3
139	A.R.3 (1934; 4, (c))	Private possession, Madras	Solar	1346 A.D., Feb., 22
140	SII XX, 229	Banavasi, North Kannara Dist., Karnataka	Solar	1369 A.D., June 5
141	SII XXVIII, 54	Kaduru, Udupi Dist., Karnataka	Solar	1371 A.D., Oct., 9 (2)
142	EC VIII (old edn.), Ti.28	Attigatu, Shivamogga Dist., Karnataka	Solar	1377 A.D., Jan., 10
143	A.R.1 (1962; 47; (c))	Panjim, Goa	Solar	1391 A.D., April 5 (2)
144	EI XXIX, 13	Siddheshwar, Cuttack Dist., Orissa	Solar	1398 A.D., Aug., 8

1	2	3	4	5
145	SII XVII, 335	Nilavara, Udupi Dist., Karnataka	Solar	1400 A.D., March 26 (2)
146	EC IX (old ed.), Dv.32	Mamkasandra, Bangalore Dist., Karnataka	Solar	1406 A.D., June 16
147	EC, VIII (old ed.) TI.162	Basavani, Shivamogga Dist., Karnataka	Solar	1408 A.D., Oct., 19 (2)
148	EC VIII (old ed.), TI.2	Tirthahally, Shimoga Dist., Karnataka	Solar	1422 A.D., Jan., 23
149	EC IX (old ed.), Bn.127	Kodigenahalli, Bengaluru Dist., Karnataka	Solar	1431 A.D., Aug., 9
150	SII XX, 380	Lakshmeshvar, Dharwad Dist., Karnataka	Solar	1432 A.D., Feb., 2 (3)
151	EI VIII (old ed.), Sb.126	Hirerevali, Shivamogga Dist., Karnataka	Solar	1434 A.D., June 7 (2)
152	A.R.8 (1929; 5)	Balighattam, South Kanara(?)	Solar	1435 A.D., Nov., 20
153	SII XVII, 118	Kote, Udupi Dist., Karnatka	Solar	1441 A.D., Jan., 23 (3)
154	SII XXVII, 138	Hosala, Udupi Dist., Karnataka	Solar	1459 A.D., Feb., 3
155	A.R.20 (1953; 20)	Chitamakuru, Anantapur Dist., Andhra Pradesh	Solar	1467 A.D., March 6 (2)
156	A.R.426 (1915; 40)	Zaladi, Other details not given	Solar	1474 A.D., April 16
157	SII IX-pt.II, 472	Ramapuram, Anantapur Dist, Andhra Pradesh	Solar	1485 A.D., Sept., 9
158	A.R.386 (1926; 56)	Kundapur, Udupi Dist., Karnataka	Solar	1492 A.D., Oct., 21
159	EC IX, (old ed.) Ma.31	Komadahalli, Bangalore Dist., Karnataka	Solar	1495 A.D., Aug., 20 (2)
160	EC X, (old ed.) KI.1	Alahalli, Kolar Dist., Karnataka	Solar	1496 A.D., Feb., 14 (2)
161	SII XVI, 39	Proddaturu, Cuddapah Dist., Andhra Pradesh	Solar	1498 A.D., Dec., 13
162	EC VII, (old ed.) Nr.73	Maluru, Shivamogga Dist., Karnataka	Solar	1502 A.D., Oct., 1
163	A.R.14 (1913; 71)	Perambur, Tamilnadu	Solar	1507 A.D., Jan., 13
164	<i>Inscriptions of Vijayanagara Rulers</i> Vol.II, No.108	Kodirampura, Bellary Dist., Karnataka	Solar	1513 A.D., March 7 (2)
165	A.R.103 (1960; 51 (c))	Lucknow, Uttar Pradesh	Solar	1514 A.D., Aug., 20
166	A.R.25 (1942; 164)	Nandikotkur, Kurnool Dist., Andhra Pradesh	Solar	1517 A.D., June 19 (4)
167	EI XXI, 19	Piranamalai, Ramnad Dist., Tamilnadu	Solar	1518 A.D., June 8
168	EC III, (Rev. edn.) Gu.156	Kodihalli, Mysore Dist., Karnataka	Solar	1521 A.D., April 7
169	A.R.108 (1985; 27)	Mallarpet, Raichur Dist., Karnataka	Solar	1528 A.D., May 18 (4)
170	SII IX-pt.II, 553	Kudatani, Bellary Dist., Karnataka	Solar	1532 A.D., Aug., 30 (2)
171	A.R.175 (1978; 76)	Andaru, Udupi Dist., Karnataka	Solar	1540 A.D., April 7
172	EC X, (old ed.) Mr.62	Mukkadegutte, Kolar Dist., Karnataka	Solar	1542 A.D., Aug., 11 (2)
173	<i>Inscriptions of Andhra Pradesh</i> , Cu.II, 205	Bedaduru, Cuddapah Dist., Andhra Pradesh	Solar	1549 A.D., March 29 (2)
174	A.R.336 (1957; 51)	Manjaguni, North Canara Dist., Karnataka	Solar	1550 A.D., March 18 (4)
175	A.R.17 (1961; 37)	Findspot not known, Hyderabad, Andhra Pradesh	Solar	1553 A.D., Jan., 14 (3)
176	SII XVI, 218	Rayadurg, Anantapur Dist., Andhra Pradesh	Solar	1556 A.D., Nov., 2 (6)
177	A.R.543 (1915; 53)	Buduru, Bellary Dist., Karnataka	Solar	1560 A.D., Aug., 21
178	A.R.33 (1943; 13)	Dudyala, Kurnool Dist., Andhra Pradesh	Solar	1567 A.D., April 9
179	A.R.119 (1932; 19)	Visnuvitthalapuram, Chingleput Dist., Tamilnadu	Solar	1568 A.D., Sept., 21
180	SII XVI, 282	Siriperumbudur, Chinglepet Dist., Tamilnadu	Solar	1572 A.D., July 10
181	SII IX-pt.II, 686	Harasamudram, Anantapur Dist., Andhra Pradesh	Solar	1583 A.D., Dec., 14
182	SII XVI, 302	Madhurapuram, Anantapur Dist., Andhra Pradesh	Solar	1590 A.D., July 31

1	2	3	4	5
183	A.R.251 (1932; 33)	Tinnakkanam, Trichinapoly Dist., Tamilnadu	Solar	1593 A.D., May 30
184	EC IX, (old ed.) DB.49	Nagenahalli, Bangalore Dist., Karnataka	Solar	1610 A.D., Dec., 15
185	SII XVI, 319	Anumpalli, Ananthapur Dist., Andhra Pradesh	Solar	1626 A.D., Feb., 26
186	NDI III, Ra.5	Aaganam, Nellur Dist., Andhra Pradesh	Solar	1637 A.D., Jan., 26
187	EC V, (Rev.ed.) Kn.107	Marchahalli, Mysore Dist., Karnataka	Solar	1643 A.D., March 20
188	A.R.2154 (1964; 131)	Mandhata, Nimar East Dist., Rajasthan	Solar	1647 A. D., July 2
189	EC VIII, Ag.8	Bijagatte, Hassan Dist., Karnataka	Solar	1662 A.D., Sept., 12
190	A.R.146 (1946; 31)	Sarapharajapuram, Kurnool Dist., Andhra Pradesh	Solar	1676 A.D., June 11
191	A.R.1 (1970; 31)	Aluru, Anantapur Dist., Andhra Pradesh	Solar	1695 A.D., Dec., 6
192	EC III, Nj.122 (c)	Nanjanagudu, Mysore Dist., Karnataka	Solar	1699 A.D., Sept., 23
193	A.R.24 (1945; 9, (c))	Madras Museum. Findspot not known	Solar	1716 A.D., April 22
194	A.R.28 (1949; 18, (c))	Pudukkottai Museum, findspot not known	Solar	1803 A.D., Aug., 17
195	A.R.215 (1931; 26)	Punganur, Chittor Dist., Andhra Pradesh	Solar	1817 A.D., May 16

## LUNAR ECLIPSES

1	2	3	4	5
Sl. No.	Reference / Source	Location	Type of Eclipse	Date
1	EI XXII, 6 (c)	Thakurdiya, Chattisgarh	Lunar	565 A.D., March 2
2	JESI X, pp.10-14	Tembhurni, Sholapur Dist., Maharashtra	Lunar	627 A.D., May 17
3	SII XX, 5	Lakshmeshvar, Gadag Dist., Karnataka	Lunar	723 A.D., Aug., 20
4	EI XXXII, 18 (c)	Sirso, Akola Dist., Maharashtra	Lunar	803 A.D., Nov., 3
5	EI XXIII, 33A (c)	Sisavai, Akola Dist., Madhya Pradesh	Lunar	807 A.D., Aug., 21
6	JBBRAS XX, pp.131-149	Navasari, Dist., Gujarat	Lunar	817 A.D., Feb., 5
7	SII XVIII, 12	Manyakheta, Dharwad Dist., Karnataka	Lunar	860 A.D., Oct., 3 (2)
8	SII XI-pt.I, 13	Gavaravad, Dharwad Dist., Karnataka	Lunar	869 A.D., April 29
9	SII XI-pt.I, 14	Shishuvanahalli, Dharwad Dist., Karnataka	Lunar	873 A.D., July 13
10	SII XVIII, 20	Magundura Davanagere Dist., Karnataka	Lunar	916 A.D., Oct., 13
11	A.R.26 (1957; 16, (c))	Mahudi, Sehore Dist., Madhya Pradesh	Lunar	918 A.D., Aug., 27 (3)
12	A.R.303 (1945; 41, (c))	Kajas, Dharwar Dist., Karnataka	Lunar	930 A.D., Jan., 27 (3)
13	A.R.20 (1934; 7, (c))	Telugu Academy, Kakinada Pradesh	Lunar	938 A.D., Aug 13
14	MARG 1935, pp.117	Hirekogiluru, Ramanagara Dist., Karnataka	Lunar	952 A.D., Nov., 4 (2)
15	SII XI-pt.I, 41	Nagavi, Dharward Dist., Karnataka	Lunar	969 A.D., Nov., 26
16	A.R.34 (1963; 46; (c))	Kharda, Dhulia Dist., Madhya Pradesh	Lunar	972 A.D., Sept., 25
17	EI X, 17 (c)	Balera, Sanchor Dist., (Jodhapur State) Rajasthan	Lunar	995 A.D., Jan., 19
18	CII VI, 100 (c)	Nanyaura, Hamirpur Dist., Uttar Pradesh	Lunar	998 A.D., Nov., 6
19	EI XV, 6	Sudi, Dharwar Dist, Karnataka	Lunar	1009 A.D., Oct., 6 (3)
20	EI XII, 31(2)	Bhavidup, Maharashtra	Lunar	1017 A.D., Nov., 6
21	EC XXXIII, 41 (c)	Mahudi, Sehore Dist., Madhya Pradesh	Lunar	1018 A.D., May 2

1	2	3	4	5
22	CII VI (9), (c)	Bandup, Bombay, Maharashtra	Lunar	1026 A.D., Oct., 28
23	EI XXII, 5(2) (c)	Chindhani, Konkau, Maharashtra	Lunar	1034 A.D., June, 4
24	A.R.441 (1914; 44)	Morigeri, Bellary Dist., Karnataka	Lunar	1045 A.D., Oct., 28 (3)
25	SII IX-pt.I, 104	Morigeri, Karnataka	Lunar	1046 A.D., Oct., 17
26	A.R.24 (1956; 28, (c))	Thana, Maharashtra	Lunar	1049 A.D., Feb., 20 (5)
27	CII VI 108, (c)	Prince of Wales Mesuem, Mumbai, Maharashtra	Lunar	1049 A.D., Aug., 20
28	SII XI-pt.I, 83	Bagevadi, Bijapur Dist., Karnataka	Lunar	1049 A.D., Aug., 15
29	A.R.45 (1956; 31, (c))	Bundelkhand, Madhya Pradesh	Lunar	1052 A.D., Dec., 8 (3)
30	A.R.15 (1977; 32; (c))	Sakarjima, Rewa Dist., Rajasthan	Lunar	1055 A.D., Oct., 8 (2)
31	SII IX-pt.I, 118	Hirehadagalli, Bellary Dist., Karnataka	Lunar	1056 A.D., April 2 (2)
32	SII XX, 37	Chadchon, Bijapur Dist., Karnataka	Lunar	1057 A.D., March 23
33	A.R.139 (1972; 47)	Vipra, Raichur Dist., Karnataka	Lunar	1059 A.D., July 27 (3)
34	SII XI-pt.I, 96	Arasibidi, Bijapur Dist., Karnataka	Lunar	1061 A.D., Jan., 8 (2)
35	KUES, Pt.5-2, 408	Potlapalli, Jammalamodagu Tq., Andhra Pradesh	Lunar	1066 A.D., March 14 (2)
36	SII IX-pt.I, 129	Harkanakal, Kudligi Tq., Karnataka	Lunar	1066 A.D., Sept., 6
37	A.R.116 (1959; 56)	Venkatareddipalle, Mahaboobnagar Dist., A.P.	Lunar	1073 A.D., April 24 (4)
38	SII XV, 2	Nidgundi, Dharward Dist., Karnataka	Lunar	1074 A.D., Oct., 7 (2)
39	EI VI, 27A	Chebrolu, Andhra Pradesh	Lunar	1077 A.D., Feb., 10 (2)
40	A.R.620 (1958; 88)	Shiratti Tq., Dharwad Dist., Karnataka	Lunar	1077 A.D., Aug., 6 (4)
41	SII XVIII, 89	Somapur, Dharwad Dist., Karnataka	Lunar	1080 A.D., Nov., 29 (3)
42	A.R.33 (1942; 165)	Sangameshvaram, Kurnool Dist., Andhra Pradesh	Lunar	1082 A.D., May 14
43	A.R.458 (1959; 94)	Sangameshvaram, Kurnool Dist., Andhra Pradesh	Lunar	1083 A.D., Sept., 28
44	SII XX, 60	Kalkere, Dharwad Dist., Karnataka	Lunar	1088 A.D., Dec., 30
45	SII IX-pt.I, 161	Chinna-Tumbalam, Adoni Dist., Karnataka	Lunar	1092 A.D., April 24 (4)
46	A.R.515 (1915; 49)	Chinna-Tumbalam, Bellary Dist., Karnataka	Lunar	1094 A.D., April 3
47	EI XV, 24	Gadag, Dharwar Dist., Karnataka	Lunar	1099 A.D., June 5 (2)
48	A.R.354 (1964; 88)	Ganeshwadi, Osmanabad Dist., Maharashtra	Lunar	1099 A.D., Nov., 30 (3)
49	SII XI-pt.II, 149	Naregal, Dharwar Dist., Karnataka	Lunar	1100 A.D., Nov., 18 (2)
50	A.R.89 (1961; 53)	Bhuvanagiri, Nalagonda Dist., Andhra Pradesh	Lunar	1104 A.D., March 13 (2)
51	A.R.505 (1960; 101)	Kammarawadi, Gulbarga Dist., Karnataka	Lunar	1104 A.D., Sept., 6
52	SII XI-pt.I, 189	Nidugundi, Dharwar Dist., Karnataka	Lunar	1106 A.D., July 17
53	KUES, Pt.6, 131	Mardi, Solapur Dist., Maharashtra	Lunar	1107 A.D., Dec., 31 (5)
54	CII VII.45	Talale, Kolhapur Dist., Maharashtra	Lunar	1110 A.D., May 5
55	SII XX, 72	Bijapur, Karnataka	Lunar	1111 A.D., April 25 (2)
56	EI XV, 3B	Murtagi, Bijapura Dist., Karnataka	Lunar	1111 A.D., Oct., 18 (4)
57	EI XIII, 4	Itagi, Dharwad Dist., Karnataka	Lunar	1112 A.D., Sept., 7
58	SII IX-pt.I, 191	Bagali, Bellary Dist., Karnataka	Lunar	1115 A.D., Feb., 10 (2)
59	SII XI-pt.II 171	Navalli, Dharwar Dist., Karnataka	Lunar	1121 A.D., April 4 (2)
60	SII IX-pt.I, 202	Ramarajupalli, Anantapur Dist., Andhra Pradesh	Lunar	1122 A.D., Sept., 17 (3)
61	A.R.31 (1990; 40)	Gundlapalli, Nalagonda Dist., Andhra Pradesh	Lunar	1124 A.D., Feb., 1
62	A.R.182 (1953; 39)	Kokatnur, Belgaum Dist., Karnataka	Lunar	1126 A.D., Dec., 2

1	2	3	4	5
63	EI XXII, 26 (c)	Sarkho, Bilaspur Dist., Chattisgarh	Lunar	1128 A.D., Nov., 8 (4)
64	A.R.267 (1953; 49)	Kallesvara, Raichur Dist., Karnataka	Lunar	1129 A.D., May 5 (2)
65	A.R.89 (1949; 32)	Havangi, Dharwar Dist., Karnataka	Lunar	1131 A.D., Sept., 8
66	A.R.268 (1953; 49)	Yalbaral, Raichur Dist., Karnataka	Lunar	1132 A.D., March 3
67	A.R.459 (1940; 126)	Tripurantakam, Kurnool Dist., Andhra Pradesh	Lunar	1133 A.D., Aug., 17
68	A.R.673 (1926; 21)	Babbili Tq., Vishkhapatam Dist., Andhra Pradesh	Lunar	1137 A.D., Oct., 30
69	SII XV, 17	Kurtakoti, Dharwad Dist., Karnataka	Lunar	1138 A.D., April 26
70	A.R.77 (1960; 48; (c))	Kamauli, Varanasi Dist., Uttar Pradesh	Lunar	1139 A.D., Oct., 9 (3)
71	A.R.144 (1971; 42)	Karvir Tq, Kolhapur Dist., Maharashtra	Lunar	1143 A.D., Feb., 1 (6)
72	A.R.12 (1969; 18; (c))	Ujjain, Ujjain Dist., Madhya Pradesh	Lunar	1144 A.D., July 16 (3)
73	SII IX-pt.I, 1	Chetanahalli, Karnataka	Lunar	1146 A.D., May 27
74	A.R.135 (1971; 40)	Bamani, Kolhapur Dist., Maharashtra	Lunar	1150 A.D., Sept., 8 (3)
75	SII XX, 122	Lakshmeshvar, Dharwad Dist., Karnataka	Lunar	1153 A.D., July 7 (2)
76	SII XVIII, 158	Bijapur, Karnataka	Lunar	1154 A.D., Jan., 1 (2)
77	SII XV, 51	Hosur, Gadag Dist., Karnataka	Lunar	1155 A.D., June 16
78	A.R.28 (1957; 16, (c))	Bhopal, Madhya Pradesh	Lunar	1157 A.D., Oct., 19 (2)
79	SII XV, 97	Muttagi, Bijapur Dist., Karnataka	Lunar	1158 A.D., Oct., 9 (3)
80	A.R.496 (1914; 50)	Kattebennur, Bellary Dist., Karnataka	Lunar	1159 A.D., April 4
81	SII IX-pt.I, 267	Bagali, Bellary Dist., Karnataka	Lunar	1160 A.D., Aug., 18
82	SII IX-pt.I, 294	Karakantapuram, Bellary Dist., Karnataka	Lunar	1164 A.D., June 6
83	KUES, Pt.6, 155	Malakavate, Mandrup-Lavagi Road, Maharashtra	Lunar	1166 A.D., Oct., 10 (2)
84	SII IX-pt.I, 269	Govindavada, Bellary Dist., Karnataka	Lunar	1169 A.D., March 14 (2)
85	A.R.204 (1935; 29)	Agnigundala, Guntur Dist., Andhra Pradesh	Lunar	1171 A.D., Jan., 23 (2)
86	SII XV, 116	Muttagi, Bijapur Dist., Karnataka	Lunar	1171 A.D., July 18 (2)
87	SII XV, 127	Abbigeri, Dharwad Dist., Karnataka	Lunar	1174 A.D., Nov., 10
88	SII XV, 135	Lakkundi, Dharwad Dist., Karnataka	Lunar	1178 A.D., March 5
89	A.R.221 (1918; 19)	Kurnool, Bellary Dist. Karnataka	Lunar	1181 A.D., July 27
90	EI XXIX, 32	Nandur, Gunhor Dist., Andhra Pradesh	Lunar	1181 A.D., Jan., 2
91	SII XVIII, 190	Maidur, Dharwad Dist., Karnataka	Lunar	1182 A.D., Dec., 11 (2)
92	SII IX-pt.I, 276	Mannera-Masalavada, Bellary Dist., Karnataka	Lunar	1183 A.D., June 7
93	SII IX-pt.I, 288	Kambaduru, Anantapur Dist., Andhra Pradesh	Lunar	1186 A.D., April 5 (5)
94	A.R.218 (1952; 49)	Kuruvati, Bellary Dist., Karnataka	Lunar	1188 A.D., Aug., 8
95	EI VI, 10	Gadag, Dharwar Dist., Karnataka	Lunar	1191 A.D., Dec., 2
96	SII XV, 549	Satihai, Bijapur Dist., Karnataka	Lunar	1192 A.D., May 28
97	SII IX-pt.I, 319	Bagali, Bellary Dist., Karnataka	Lunar	1193 A.D., Nov., 10
98	A.R.216 (1952; 49)	Kuruvati, Bellary Dist., Karnataka	Lunar	1203 A.D., April 27
99	SII XX, 186	Kuruvati, Bellary Dist., Karnataka	Lunar	1204 A.D., Oct., 10
100	SII IX-pt.I, 329	Magala, Hadagali Dist, Karnataka	Lunar	1209 A.D., July 18 (2)
101	A.R.773 (1962; 136)	Ranjole-Kheni, Bidar Dist., Karnataka	Lunar	1210 A.D., Jan., 22
102	SII XX, 192	Kunmtagi, Bijapur Dist., Karnataka	Lunar	1215 A.D., Sept., 9 (2)
103	A.R.4 (1989; 15; (c))	Devarakonda Tq., Nolgonda Dist., A.P. (now in Ahmedabad)	Lunar	1216 A.D., March 5

1	2	3	4	5
104	A.R.210 (1957; 39)	Bijapur, Bijapur Dist., Karnataka	Lunar	1221 A.D., Nov., 1
105	A.R.3 (1994; 20; (c))	Dharmasthala, South Canara Dist., Karnataka	Lunar	1225 A.D., Feb., 24 (3)
106	EI IX, 13(A)	Mandahata, an island on the river Narmada, M.P.	Lunar	1225 A.D., Aug., 19
107	A.R.69 (1936; 15)	Srirangam Trichinopoly Dist., Tamilnadu	Lunar	1232 A.D., April 6
108	IKW, 79	Godishala Karimnagar Dist., Andhra Pradesh	Lunar	1236 A.D., Jan., 24
109	A.R.353 (1945; 45, (c))	Kolhapur, Maharashtra	Lunar	1237 A.D., Jan., 12
110	A.R.477 (1925; 745)	Hubli, Dharwad Dist., Karnataka	lunar	1244 A.D., Aug., 19
111	EI XXXIV, 7 (c)	Dharwad, Karnataka	Lunar	1247 A.D., June 19
112	SII XX, 215	Agarkhed, Bijapur Dist., Karnataka	Lunar	1248 A.D., June 7
113	A.R.101 (1954; 38)	Akkalkot Tq., Sholapur Dist., Maharashtra	Lunar	1256 A.D., Jan., 13 (2)
114	IKW, 127	Tripurantakam, Prakasam Dist., Andhra Pradesh	Lunar	1259 A.D., Nov., 1 (2)
115	A.R.321 (1930; 28)	Tallapalli, Guntur Dist., Andhra Pradesh	Lunar	1269 A.D., Oct., 11 (2)
116	A.R.3123 (1970; 121)	Pali Dist., Rajasthan	Lunar	1270 A.D., April 7
117	IKW, 202	Bothpur, Mahabubnagar Dist., Andhra Pradesh	Lunar	1272 A.D., Aug., 10 (2)
118	A.R.2862 (1969; 59)	Kolhapur, Kolhapur Dist., Maharashtra	Lunar	1273 A.D., Feb., 3
119	A.R.19 (1961; 38; (c))	Vishakhapatnam Dist., Andhra Pradesh	Lunar	1290 A.D., Feb., 25 (2)
120	A.R.312 (1930; 27)	Pasavemula, Guntur Dist., Andhra Pradesh	Lunar	1300 A.D., May 5
121	IKW, 326	Srirangam, Tiruchinapoly Dist., Tamilnadu	Lunar	1317 A.D., March 28 (2)
122	A.R.5 (1939; 35)	Chenduvayi, Cuddapah Dist., Andhra Pradesh	Lunar	1319 A.D., Aug., 1 (4)
123	EI VIII, 3	Madras Museum	Lunar	1345 A.D., March 18
124	A.R.280 (1952; 58)	Mallevaram, Guntur Dist., Andhra Pradesh	Lunar	1354 A.D., Oct., 2
125	EC X (old edn.), Cb.63	Elagalahalli, Kolar Dist., Karnataka	Lunar	1371 A.D., Oct., 24
126	EI XXI, 41B (c)	Prince of Wales Museum, Mumbai	Lunar	1374 A.D., Aug., 22 (2)
127	A.R.18 (1939; 26; (c))	Private, Guntur Dist., Andhra Pradesh	Lunar	1377 A.D., Dec., 15 (2)
128	EI VI, 33	Srirangam, Tiruchanapoli Dist., Tamilnadu	Lunar	1378 A.D., June 11 (2)
129	SII XV, 244	Abbigeri, Dharwad Dist., Karnataka	Lunar	1379 A.D., May 31 (2)
130	SII XX, 231	Banavasi, North Kannara Dist., Karnataka	Lunar	1387 A.D., Nov., 25
131	EC VIII, Hn.115 (c)	Chikkakular, Hassan Dist., Karnataka	Lunar	1396 A.D., June 21
132	A.R.86 (1937; 17)	Srirangam Tiruchirapally Dist., Tamilnadu	Lunar	1405 A.D., June 12
133	SII XVI, 21	Devigudi, Cuddapah Dist., Andhra Pradesh	Lunar	1406 A.D., Nov., 25
134	EC IV, Ch.355	Maleyur, C.R. Nagar Dist., Karnataka	Lunar	1422 A.D., Aug 2 (4)
135	A.R.476 (1915; 45)	Santaravuru, Guntur Dist., Andhra Pradesh	Lunar	1428 A.D., Sept., 23
136	A.R.17 (1928; 5)	Varanga Matha, Udupi Dist., Karnataka	Lunar	1430 A.D., Sept., 2 (2)
137	SII XVI, 31	Nandaluru, Cuddapah Dist., Andhra Pradesh	Lunar	1433 A.D., July 2
138	A.R.264 (1935; 34)	Pedda-Chintakunta Kurnool Dist., Andhra Pradesh	Lunar	1442 A.D., Dec., 17
139	KI I, 58	Mundolli, North Kanara Dist., Karnataka	Lunar	1446 A.D., April 11
140	EI XXX, 1(2) (c)	Dorepalyam, Godavari Dist., Andhra Pradesh	Lunar	1455 A.D., May 1
141	EI XXXVI, 10	Srisailam, Kurnool Dist., Andhra Pradesh	Lunar	1460 A.D., July 3
142	A.R.393 (1926; 57)	Kumbhakasi, Udupi Dist., Karnataka	Lunar	1467 A.D., Aug., 15
143	SII XXVII, 144	Tirvottur, North Arcot Dist., Tamil Nadu	Lunar	1470 A.D., Jan., 17
144	EC, VII (Rev.ed.) Ng.158	Develapura, Mandya Dist., Karnataka	Lunar	1472 A.D., May 22



1	2	3	4	5
145	A.R.226 (1935; 31)	Matukumalli, Guntur Dist., Andhra Pradesh	Lunar	1484 A.D., Oct., 4
146	A.R.166 (1940; 94)	Ulaganallur, South Arcot Dist., Tamilnadu	Lunar	1497 A.D., Jan., 18 (2)
147	SII XXVII, 158	Giliyara, Udipi Dist., Karnataka	Lunar	1498 A.D., July 3 (2)
148	EI VII, 8 (c)	Develupalli, Cuddapat Dist., Andhra Pradesh	Lunar	1504 A.D., Aug., 25 (3)
149	EC X, (old ed.) Gd.28	Minakanaguriki, Kolar Dist. Karnataka	Lunar	1511 A.D., Oct., 6
150	SII XVII, 65	Kurugodu, Bellary Dist., Karnataka	Lunar	1512 A.D., Sept., 25
151	SII XVI, 52	Srisailam, Kurnool Dist., Andhra Pradesh	Lunar	1515 A.D., July 25 (4)
152	EC VI, Mg.48	Kalasa, Chikkamagalur Dist., Karnataka	Lunar	1516 A.D., July 13
153	A.R.716 (1926; 25)	Kamalapura, Cuddapah Dist., Andhra Pradesh	Lunar	1518 A.D., May 24 (3)
154	SII XVI, 68	Anniyayur, South Arcot Dist., T.N.	Lunar	1519 A.D., Nov., 6 (3)
155	EI VI, 22	Kondavidu, Guntur Dist., Andhra Pradesh	Lunar	1520 A.D., May 2 (7)
156	KI VI, 69	Dharwad, Karnataka	Lunar	1525 A.D., July 4
157	SII XVI, 79	Katteragandla, Cuddapah Dist., Andhra Pradesh	Lunar	1525 A.D., Dec., 29 (4)
158	KI III, 7	Muda-Bhatkal, North Kanara Dist., Karnataka	Lunar	1527 A.D., Dec., 7 (3)
159	SII XVI, 86	Srisailam, Kurnool Dist., Andhra Pradesh	Lunar	1528 A.D., Oct., 27
160	SII XVI, 83	Kadiri, Anantapur Dist., Andhra Pradesh	Lunar	1529 A.D., April 23 (7)
161	SII IV, 801	Tadapatri, Anantapur Dist., Andhra Pradesh	Lunar	1531 A.D., April 1
162	A.R.113 (1917; 102)	Kugaiyur, South Arcot Dist., Tamilnadu	Lunar	1532 A.D., Feb., 20
163	KUES II, Koppal Dist., 90	Hanumanal, Koppal Dist., Karnataka	Lunar	1536 A.D., Nov., 27 (4)
164	A.R.3 (1970; 31)	Tadapatri, Anantapur Dist., Andhra Pradesh	Lunar	1538 A.D., Nov., 6
165	SII XVI, 121	Vankayalapadu, Guntur Dist., Andhra Pradesh	Lunar	1540 A.D., March 22
166	<i>Inscript. of A.P.</i> ,Cu-II, 190	Eguvapalli, Cuddapah Dist., Andhra Pradesh	Lunar	1547 A.D., Oct., 28 (5)
167	SII XVI, 167	Tangeta, Guntur Dist., Andhra Pradesh	Lunar	1548 A.D., April 22
168	SII XVI, 191	Macerla, Guntur Dist., Andhra Pradesh	Lunar	1553 A.D., June 25 (6)
169	SII XVI, 233	Palem, Anantapur Dist., Andhra Pradesh	Lunar	1558 A.D., Sept., 27 (3)
170	SII XVI, 258	Appajipeta, Anantapur Dist., Andhra Pradesh	Lunar	1563 A.D., July 5
171	EC XI, (old ed.) Tm.44	Devarayadurga, Tumkur Dist., Karnataka	Lunar	1564 A.D., Dec., 7 (2)
172	A.R.132 (1979; 59)	Dudyalla, Kurnool Dist., Andhra Pradesh	Lunar	1566 A.D., Oct., 28
173	A.R.344 (1932; 41)	Vivaram, Guntur Dist., Andhra Pradesh	Lunar	1574 A.D., June 4 (3)
174	SII XVII, 288	Kondepadu, Guntur Dist., Andhra Pradesh	Lunar	1576 A.D., Oct., 7
175	A.R.304 (1957; 47)	Satenahalli, Dharwad Dist, Karnataka	Lunar	1581 A.D., Jan., 19
176	EC VI, (Rev.ed.) p.234	Helabidu, Mandya Dist., Karnataka	Lunar	1585 A.D., May 13
177	EC XI, (Rev.ed.) Cm.183	Khandya, Chikkamagalur Dist., Karnataka	Lunar	1587 A.D., Sept., 16
178	A.R.6 (1922; 11, (c))	Private Possession. Findspot not known	Lunar	1591 A.D., July 6
179	A.R.251 (1932; 33)	Tinnakkanam, Trichinapoly Dist., Tamilnadu	Lunar	1593 A.D., June 13
180	SII XX, 253	Banavasi, North Kannara Dist., Karnataka	Lunar	1598 A.D., Aug., 16
181	EC XI, (Rev.ed.) Mg.69	Kalasa, Chikkamagalur Dist., Karnataka	Lunar	1608 A.D., Aug., 25
182	A.R.112 (1913; 12)	Rayadurg, Bellary Dist., Karnataka	Lunar	1612 A.D., May 14
183	SII VII, 297	Udipi, Udipi Dist., Karnataka	Lunar	1613 A.D., Oct., 28

1	2	3	4	5
184	EC IX, (old ed.) An.47 (c)	Anekal, Bangalore Dist., Karnataka	Lunar	1614 A.D., Oct., 17
185	EC VI, (Rev.ed.) p.250	Anevala, Mandya Dist., Karnataka	Lunar	1620 A.D., Dec., 9
186	A.R.4 (1933; 4, (c))	Private possession, Madras	Lunar	1624 A.D., April 3
187	A.R.310 (1923; 69)	Vedadri, Krishna Dist., Andhra Pradesh	Lunar	1626 A.D., Aug., 7
188	EC VII, Ag.9439 (c)	Basavapattana, Hassan Dist., Karnataka	Lunar	1634 A.D., March 14
189	A.R.14 (1935; 7, (c))	Private collection, Madras, Tamilnadu	Lunar	1635 A.D., March 3
190	A.R.692 (1917; 71)	Kovela-kuntta, Kurnool Dist., Andhra Pradesh	Lunar	1644 A.D., Feb., 22
191	EC IX, SI.10	Achangi, Hassan Dist., Karnataka	Lunar	1650 A.D., May 15
192	EC IX, 387 Bel.122	Helebidu, Hassan Dist., Karnataka	Lunar	1659 A.D., May 6
193	EC VIII, Ag.142 (c)	Kesavatthuru, Hassan Dist., Karnataka	Lunar	1661 A.D., April 14 (2)
194	A.R.316 (1952; 64)	Srirangam, Tiruchirapalli Dist., Tamilnadu	Lunar	1666 A.D., June 16 (2)
195	A.R.296 (1965; 69)	Tusur, Salem Dist., Tamilnadu	Lunar	1668 A.D., Nov., 18 (2)
196	A.R.108 (1935; 16)	Vinapalli, Coimbatore Dist., Tamilnadu	Lunar	1671 A.D., Sept., 18
197	A.R.359 (1915; 33)	Muktesvaram, Guntur Dist., Andhra Pradesh	Lunar	1679 A.D., April 25
198	EC IX, (old ed.) Ma.8	Tirumale, Bangalore Dist., Karnataka	Lunar	1680 A.D., Sept., 8
199	A.R.56 (1957; 19, (c))	Bharat Kala Bhavan, Banaras.	Lunar	1683 A.D., Feb., 11
200	EC VIII, Ag.23 (c)	Joddimuttige, Hassan Dist., Karnataka	Lunar	1684 A.D., Dec., 11
201	EI XIV, 26 (c)	Melupaka Kumbakonam Dist., Tamilnadu	Lunar	1687 A.D., May 11 (2)
202	A.R.23 (1986; 19; (c))	Private possession, Dist., Tamilnadu	Lunar	1738 A.D., Feb., 4
203	EC IV, Ch.291 (c)	Haradanchalli, C.R.Nagar Dist., Karnataka	Lunar	1744 A.D., April 26
204	A.R.8 (1934; 5, (c))	Private Possession. Cuddalore, Tamilnadu	Lunar	1750 A.D., June 19
205	A.R.27 (1949; 18; (c))	Pudukkottai, Tamilnadu	Lunar	1794 A.D., Feb., 14
206	A.R.28 (1949; 18; (c))	Pudukkottai, Tamilnadu	Lunar	1803 A.D., Aug., 17 (2)
207	A.R.18 (1949; 16, (c))	Pudukkottai Museum, findspot not known	Lunar	1804 A.D., July 22
208	EC VIII, Ag.167	Mallipattana, Hassan Dist., Karnataka	Lunar	1840 A.D., Feb., 17