

Hebrew vs Harappan RE: 1730-year vs. 334-yr cycle RE: 334-year cycle from Revision of Two Gear/Two Peg Lunisolar Device

From: [Brij Bhushan Vij](mailto:metricvij@hotmail.com) (metricvij@hotmail.com)
Sent: Tue 5/26/09 3:46 PM
To: calndr-l@listserv.ecu.edu

And my

1730-years RE: Unhindered option RE: Cycles of interest RE: Lunisolar Cycle Multiples of Short Lunar Cycle

From: [Brij Bhushan Vij](mailto:metricvij@hotmail.com) (metricvij@hotmail.com)
Sent: Tue 5/19/09 4:52 PM
To: calndr-l@listserv.ecu.edu

Wherein, I wrote to Irv & CC:

For my calculations I use the value 29.53058881 days (29d 12h 44m 2s.873184). Mean values as shown by me:

MeanLunation = 29.5305893733 (29^d12^m44^m2^s.92) is close enough to be practical, UNLESS there is a better value achievable, sir.

Examining (1730-year/21397+3 tithi) Cycle

Year:Lunation Ratio=365.242189669781/29.53038881 =12.368266410797008419013640385317.
1730-years =631868.98812872113 days [631869 div.7=90267 Weeks (89960+288+19 weeks)]

Also 1-year =364.8684211 Tithi, and 1730-years =1730*(6932.5/19) =631222 Tithi
[This is 1783 Lunar Years and 40 Tithi; **NOTE:** [1-lunar Year =12 lunation =12*29 ½ =354 Tithi]
Mean Year =7*(52+307/1730)= 365.242196531792 days=365d 5h 48m 45s.78035

=7*(52+1/6+56/5190) = 365.24219653179191 days.

[NOTE; 1730 is not divisible by SIX(6) but 5190 is divisible].

21397 lunation+ 3 Tithi =21397.1 lunation (631868.961826451 days); the extra 'TITHI's automatically account for the added lunation over 9th /10th cycle!

[Tithi=19-years/6932 ½ =1.0010243928923 day] **Alternate:** 138Week/965 =1.001036269430052 d

This difference =0.02630227013 day (1m 34s.688172468)

Mean Lunation =631869/21397.1 =29.5305905940524651days =29d 12h 44m 3s.027326.

USING NINE*1730-year cycles, we have:

(9*1730)-years=15570-years =5686820.89315849017 days and [812403 i.e. (809640+2595+168) weeks], accounting 192573.90801611 lunation is [short by 0.09198389 lunation to 192574 lunation =5680933 Tithi]. This give the cycle of: 15570-years/192574 lunation with:

Mean Year =5686821/15570 =365.24219653179191 days =365d 5h 48m 45s.780346821;

Mean Lunation =5686821/192574 =29.530575259380809455067 days =29d 12h 44m 1s.702411

56 KEPLERS' Leap Weeks (Symmetrically placed) during 3*1730-years, when:

CTCLE START at Year 0000

0093	0183	0273	0363	0459	0549	0639	0729	0819	0915	1005	1095	1185	1275
1371	1461	1551	1641	1731	1827	1917	2007	2097	2187	2283	2373	2463	2553
2643	2739	2829	2919	3009	3099	3195	3285	3375	3465	3555	3651	3741	3831
3921	4011	4107	4197	4287	4377	4467	4563	4653	4743	4833	4923	5013	5103

And cycle repeats every 5190-year i.e. from Year 5283 as Keplers' Leap Week.....

Each 5190-years can be distributed as:(47*90)+(10*96)=5190-years, in my plan for DIVIDE six(6) PLUS KLWks needing separation at: [(16*90)+(3*96)]+[(15*90)+(4*96)]+[(16*90)+(3*96)]=5190-years i.e.[1728+1734+1728 =5190 years.

Please note that every 1730-years period is 91 cycle of 19-Harappan Lunar-Tithi Year, with an extra year for sun-moon alignments and equal to 3*(91*19+1). Also, 3*1730 =5190/128 which can be distributed as (39*128)+(6*33)-years. NINE such cycle are: 15570-years =(816*19)-year cycles + (2*33)-year cycles OR 2*(408*19+33) years; give 2 cycles of 7785-years/96287 lunation.

BRIJ BHUSHAN VIJ, Author

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