

TOWARDS: THE WORLD CALENDAR

(Reference: <http://www.brijvij.com>)

Refers to: http://www.brijvij.com		Brij B. Vij <metricvij@hotmail.com>	
Brij's Modified GREGORIAN WORLD			
PERPETUAL CALENDAR			
(13th NEVER A FRIDAY)			
Leap SUNDAY 'every 4th year/skip 128th-years';		Or use Div.6 Rule with Keplers' Leap Weeks	
January	February	March	
M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	
April	May	June	
M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 (31st: LEAP SUNDAY)	
July	August	September	
M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	
October	November	December	
M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	M T W T F S S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 (31st: World Peace Day)	

Reform of Gregorian calendar has been the topic 'unresolved' – especially with Leap Weeks, on divide six(6) plan (or Leap Days) to improved Mean Year of $365 + 31/128 = 365.2421875$ days. I propose *mere shifting of July 31st to 2nd month as February 29th has four quarters (13-weeks each), an alternate to *The World Calendar of The World Calendar Association, New York (1955) that failed to meet expectations of United Nations Economic & Social Council.* * Mean Year for my proposed (896-yr/159 Leap Weeks) = $7 * (52 + 159/896) = 365.2421875$ days (365d 5h 48m 45s); 834-yr/148 LWks = $7 * (52 + 1/6 + 9/834) = 365.242206235012$ days (365d 5h 48m 46s.6187); or a combination of the TWO cycles, 1730-years/307 Lwks = $7 * (52 + 307/1730) = 365.24219653179191$ days (365d 5h 48m 45s.780 35). Since 896 & 1730 are not divisible by six(6) same Mean Year is obtained using their THREE cycles i.e. 2688-years & 5190-years. Equally promising is the close to current Mean Lunation = $5686821/192574 = 29.530575259380809455067$ days = 29d 12h 44m 1s.702411, over NINE cycles when ONE lunar month gets compensated, using an 'extra added Tithi' over each 1730-year cycles – spaced 7132nd, 14265th and 21397th lunation apart. Distribution of 1730-years in grouping of $(5 * 47) = 235$ lunation is possible as: $[1730\text{-yrs} = (91 * 19) + 1$ and $(86 * 19 + 12 * 8)]$, where each 19-years approximate, *to $5 * 47$ i.e. 235 lunation – each lunation = $29 \frac{1}{2}$ Tithi & Lunar Year = 354 Tithi*, may have suggested corrections. Please see: http://www.brijvij.com/bb_metro-contrbn.2007.pdf

I, place the formats of my TWO calendars – the (possible) World Calendar and the (possible) Harappan built-up Calendar. Please see: http://www.brijvij.com/bb1920_cal-harappa.pdf

Working of my several cycles, showing Tithi value/days is placed at: http://www.brijvij.com/bb-kp_count-by-week.cycles.doc and Tithi working vs 'Cycles/Days/ Weeks/& Mean Years' is placed at: http://www.brijvij.com/bb_harappaTithi-Cycles.pdf. This calendar can retrospectively be started effective: Monday, 2007 January 01 05:29 to be the appropriate moment at Bessilian Year 2007 = $(2000 + (2454101.228328 - 2451544.533 \div 365.242189669781)) = 2007.000000000853$ BY nearest to Full Moon on Wednesday, 2007, January 3 at 13h:57m, in continuity of YEAR ZERO '0000' AD/BCE, as $[(Y2000 - 80) = Y1920 +/-128]$, when Y2007 is the First Keplers' Leap Week after $(15 * 128)$ i.e. Year 1920.

Brij Bhushan Vij, Author.