

(Refers to: [http://11082lunationcalendars.wikia.com/wiki/Modified Gregorian Calendar](http://11082lunationcalendars.wikia.com/wiki/Modified_Gregorian_Calendar)) (Modified 2010 0404 Easter Sunday)

Purpose of THIS FORMAT of MODIFIED GREGORIAN CALENDAR is intended to overcome \*ALL or most\* discrepancies noticed in currently used calendar – corrected by Pope Gregory XIII, and refers to **Brij Bhushan Vij's** Home Page: <http://brijvij.com/> for use as an "Alternate Calendar for World Use". This can be introduced on the night of 2012, December 21/22 on omitting TWO calendar days (i.e. Saturday & Sunday) as MJD 56283 correcting the error accumulated since the correction of Papal Bull of 1582 October 05-14. This links with Era start at Year Zero '0000' AD/BCE as  $15 \times 128 = Y1920$  i.e.  $[Y2000 - 80 \pm 128] / 128$ , when  $Y1920 + 0093 = Y2013$ , make its First Kepler Leap Week Year, using divide six(6) plan, since NEVER USED by man IN HISTORY: [http://www.brijvij.com/bb\\_896-yrs-159lwk.pdf](http://www.brijvij.com/bb_896-yrs-159lwk.pdf) & [http://www.brijvij.com/bb\\_896rev-distr.claim.pdf](http://www.brijvij.com/bb_896rev-distr.claim.pdf). **AUTHOR**

## Modified Gregorian (2013 – Starting Monday) Calendar

January 2010 – W00 thro W04							February 2010 – W04 thro W08							March 2010 – W08 thro W12							REMARKS
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
1	2	3	4	5	6	7	*	*	*	1	2	3	4	*	*	*	*	1	2	3	<b>Two days</b> are kept out of the Calendar format, as Leap Sunday of Year XXXX; and World Peace Day of Year XXXX, when used as Leap Days on 'Divide4/skip 128 <sup>th</sup> / Count 3200 <sup>th</sup> – years, on changing current Leap Day Rule. <b>THIS gives Mean Year</b> $= (365 + 31 / 128)$ days $= 7 * (52 + 159 / 896)$ days $= 365.2421875$ days. <b>Leap Sunday (div.4/Skip 128<sup>th</sup> / 3200<sup>th</sup> years)</b>
8	9	10	11	12	13	14	5	6	7	8	9	10	11	4	5	6	7	8	9	10	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	11	12	13	14	15	16	17	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	18	19	20	21	22	23	24	
29	30	31	*	*	*	*	26	27	28	29	*	*	*	25	26	27	28	29	30	31	
April 2010 – W13 thro W17							May 2010 – W17 thro W21							June 2010 – W21 thro W25							
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
1	2	3	4	5	6	7	*	*	1	2	3	4	5	*	*	*	*	*	1	2	<b>THIS gives Mean Year</b> $= (365 + 31 / 128)$ days $= 7 * (52 + 159 / 896)$ days $= 365.2421875$ days. <b>Leap Sunday (div.4/Skip 128<sup>th</sup> / 3200<sup>th</sup> years)</b>
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	
29	30	*	*	*	*	*	27	28	29	30	31	*	*	24	25	26	27	28	29	30	
July 2010 – W26 thro W30							August 2010 – W30 thro W34							September 2010 – W34 thro W38							
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
1	2	3	4	5	6	7	*	*	1	2	3	4	5	*	*	*	*	*	1	2	<b>FEATURES:</b> *Year in 4Quarters/91days/13Wk * <b>Year has 13<sup>th</sup> NEVER A FRIDAY</b> * <b>ALL YEARS HAVE FEB.29<sup>th</sup> in EVERY YEAR</b>  * <b>NO change in BIRTH DATE/ DAY</b> * <b>PERPETUAL, months/Days DO NOT CHANGE.</b> * Please see my <b>PROFILE:</b> <a href="http://www.brijvij.com/bbv_vip-brief.pdf">http://www.brijvij.com/bbv_vip-brief.pdf</a>  <b>World Peace Day (December 31)</b>
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9	
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16	
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23	
29	30	*	*	*	*	*	27	28	29	30	31	*	*	24	25	26	27	28	29	30	
October 2010 – W39 thro W43							November 2010 – W43 thro W47							December 2010 – W47 thro W51							
Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
1	2	3	4	5	6	7	*	*	*	1	2	3	4	*	*	*	*	*	1	2	* <b>NO change in BIRTH DATE/ DAY</b> * <b>PERPETUAL, months/Days DO NOT CHANGE.</b> * Please see my <b>PROFILE:</b> <a href="http://www.brijvij.com/bbv_vip-brief.pdf">http://www.brijvij.com/bbv_vip-brief.pdf</a>  <b>World Peace Day (December 31)</b>
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9	
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16	
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23	
29	30	31	*	*	*	*	26	27	28	29	30	*	*	24	25	26	27	28	29	30	

**REFER:** [http://11082lunationcalendars.wikia.com/wiki/Modified Gregorian Calendar](http://11082lunationcalendars.wikia.com/wiki/Modified_Gregorian_Calendar). Same Mean Year value is obtained, on using Leap Weeks with 'Divide SIX (6)Year plan for 896-years/11082 lunation [having159 Leap Weeks] Lunisolar cycle (1992) as:  $7 * (52 + 159 / 896)$  days which is also as:  $7 * (52 + 1/6 + 29 / 896)$  days. My NEW FORMAT uses the most recent data and believe that 896-year/159 Leap Week lunisolar cycle need ONLY \*one extra day/tithi alignment\* for solar calendar to align with lunar calendar and COMPENSATE 'one lunar month' in around ONE cycle of Precession of Equinoxes  $[(29 * 896) - yrs / 321378$  lunation – the last lunation getting automatically compensated i.e.  $321378^{\text{th}}$  lunation – after  $321377$  lunation].  $(3200 * 8 + 3 * 128) = 25984$ -years.  $25984$ -years =  $9490453$  days/ $321377$ lunation [ $321378$  lunation =  $9490482$  days –  $9490453$  days =  $28.57058018$  d]. **Leap Day Rule (modified):** Leap Day Rule needs modifying from: "div.4/skip100<sup>th</sup>/ count400<sup>th</sup> years" to improve Mean Year value from 365.2425 days to **365.2421875 days**, using **Leap Day Rule of \*div.4/skip128<sup>th</sup>/count 3200<sup>th</sup> years\***, when the extra ONE day is removed/adjusted.

## COMPARISON BETWEEN "The World Calendar"

In this improved calendar every year is the same.

- The quarters are equal: each has exactly 91 days, 13 weeks or 3 months.
- The four quarters are identical in form with an ordered variation within the three months.
- The three months have 31,30, 30 days respectively
- Each month has 26 weekdays, plus Sundays.
- Each year begins on Sunday, 1 January; each working year begins on Monday, 2 January
- Each quarter begins on Sunday, ends on Saturday.
- The calendar is stabilized and made perpetual by ending the year with a 365th day following 30 December each year. This additional day is dated 'W', which equals 31 December, and called World Day, a year-end world holiday.
- Leap year Day is similarly added at the end of the second quarter. It is likewise dated 'W', which equals 31 June, and called Leap year Day, another world holiday in leap years.

**W: Leap Day between June 30 & July 01**

**W: World Day after December 30**

Gregorian calendar leap year calculations also apply to The World Calendar: Years evenly divisible by 4 are leap years with exception that centennial years (those ending in -00) are not leap years unless also evenly divisible by 400.

**"SHOULDN'T OUR CALENDAR BE AS SIMPLE AS OUR CLOCK?"**

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**Source:** [theWorldCalendarAssociation.Org](http://theWorldCalendarAssociation.Org)

## and the Proposed Modified Gregorian Calendar (Brij VIJ)

In my improvised modification of Gregorian calendar, I maintain existing format of Gregorian calendar EXCEPT shifting the day of July 31<sup>st</sup> to 2<sup>nd</sup> month as February 29<sup>th</sup> (all years); and keeping TWO days out of the calendar format i.e. 365<sup>th</sup> day after December 31 – to be named World Peace Day and the 366<sup>th</sup> day Leap Day between June 30<sup>th</sup> and July 01<sup>st</sup>. This makes four quarters and two half years equal in length, more so following Kepler Laws.

### **FEATURES:**

1. Four equal quarters have each 91 days (13 weeks) or 3 months;
2. Number of days in each month remain same, EXCEPT February with 29 days and July with 30 days;
3. Each normal YEAR has 52 weeks with 2 days kept outside of calendar format; unless the format is used as Leap week calendar having an ADDED 53<sup>rd</sup> week on \*Divide SIX (6) Plan\* with few Kepler Leap Weeks inserted symmetrically as per 'planned cycle';
4. Each half year has 26 weeks, beginning on MONDAY (01) through Sunday (00/07), with Leap Day and World Peace Day; unless a 53<sup>rd</sup> Leap week is inserted "once every six years, as per Rule/Cycle planned". On shifting July 31<sup>st</sup> TO 2<sup>nd</sup> month as February 29<sup>th</sup> (ALL YEARS), confusion expected – in other calendars due to changing number of days in each month, almost all 'individuals' get FIXED birth date/day.
5. The clock face does not change, BUT in addition to 60 divisions carry '100 divisions' that meet requirement of Metric Norms for Time Standard and the NEW SECOND – decimal second,  $s_d$  (36% of SI second,  $s$ ) defined accordingly in relation to NEW LENGTH UNIT (m'): as  $1/10^{5th}$  of  $\pi/180$  i.e. one degree', thus NOT changing the concept of \*quadrant or 360-degree circle\*.
6. The calendar is proposed to be implemented, on a date to be decided by World Bodies dealing in Astronomy/Horology i.e. Time Keeping. I suggest the instant at (midnight) 2012 December 21/22, after accounting  $2\frac{1}{2}$  day discrepancy now accumulated, since Papal Bull of 1582 October 05/14 – as (Monday) 2013 January 01.

### **Leap Day/Week Rule**

**Leap Day Rule is modified from 'Div.4/skip100<sup>th</sup>/count400<sup>th</sup>' to improved 'Div.4/skip128<sup>th</sup>/count3200<sup>th</sup>' in order to improve the Mean Year from 365.2425 days to 365.2421875 days. An alternate, to account 1.242189669781 day (instead of Leap Day) is to plan LEAP WEEKS 'once every SIX years' in addition to several Kepler Leap Weeks, as per cycle planned. In this case, the 896-year/159 Leap weeks – to get same Mean Year =  $7*(52+159/896)$  days.**

Let United States also join the World Technology stream to follow SI Metric Units – the leaders to sign 'Convention du Metre' resulting into Le Systeme Internationale d'Unites (SI in all languages).

**Source:** <http://www.brijvij.com/>

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