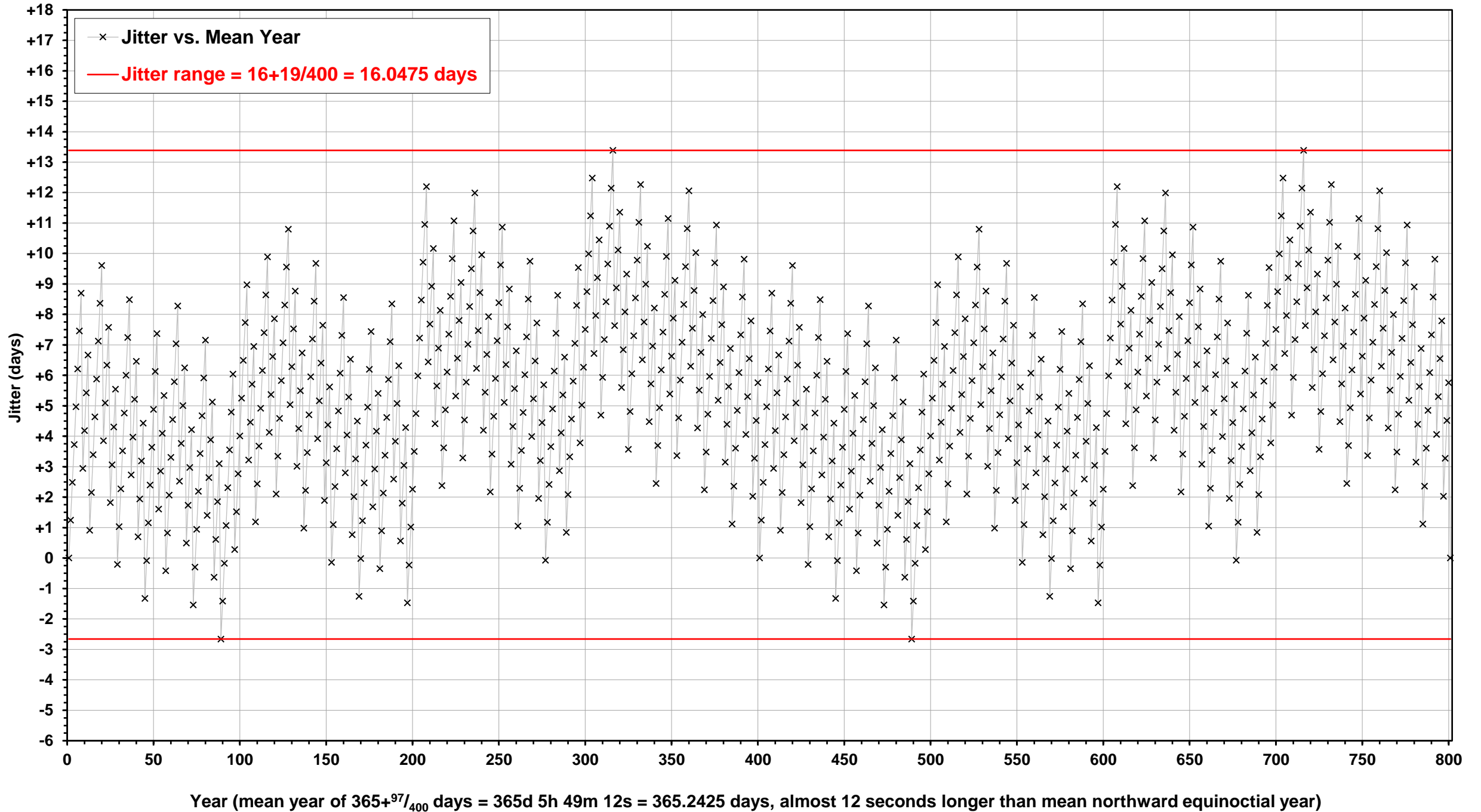


# 400-year cycle with leap week only allowed in Gregorian leap years

Year has a leap week if  $\text{floor}(\text{PriorLeapDays}(\text{Year}+1) \times \frac{71}{97}) > \text{floor}(\text{PriorLeapDays}(\text{Year}) \times \frac{71}{97})$

where  $\text{PriorLeapDays} = \text{floor}(\text{Year} / 4) - \text{floor}(\text{Year} / 100) + \text{floor}(\text{Year} / 400)$



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