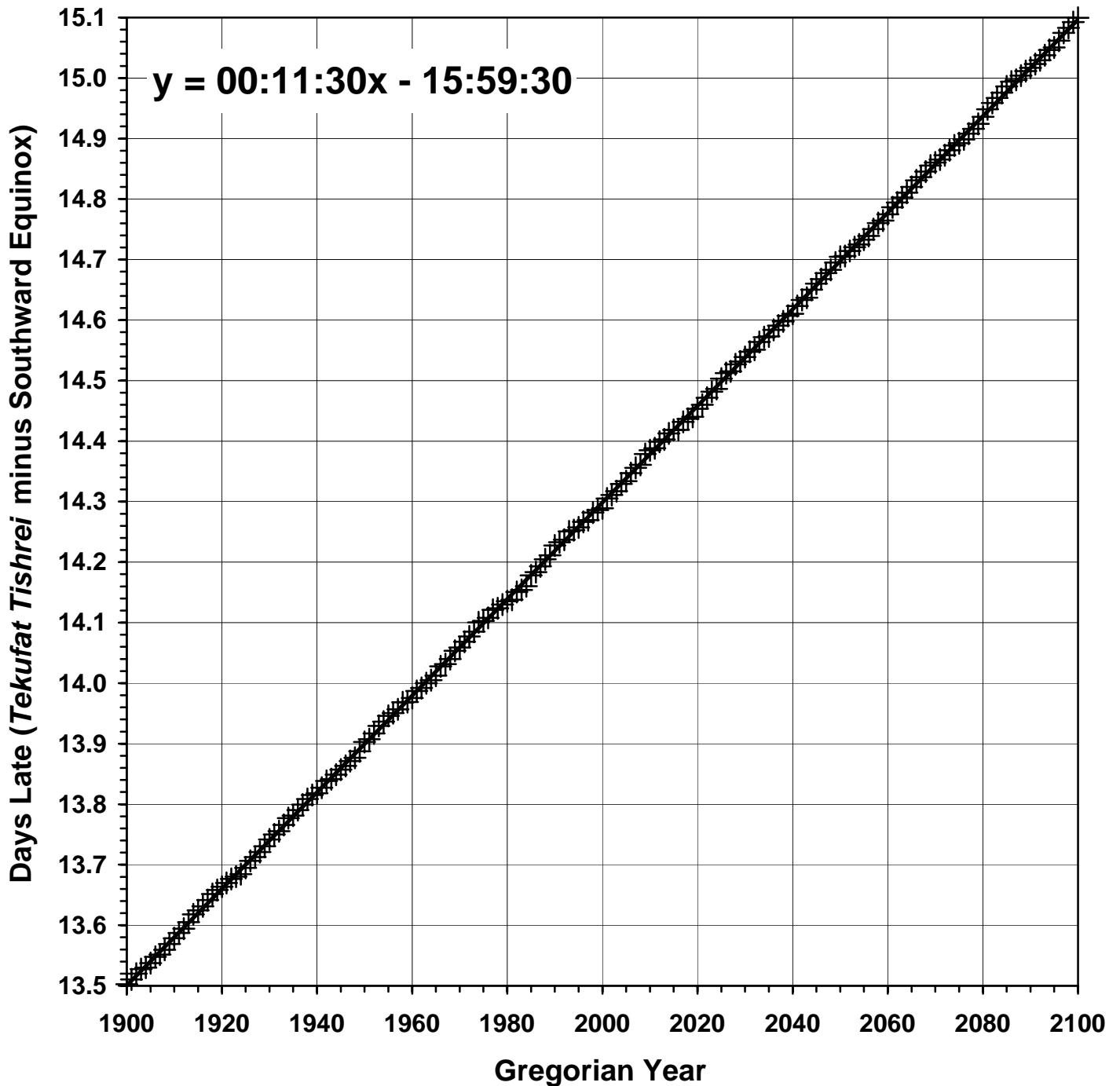


# Tekufat Tishrei days after Southward Equinox

SOLEX 9.1 equinox, NASA Espenak-Meeus Delta T, mean solar time at Nile-Euphrates mid-point



**Tekufat Shmuel** mean year =  $365 + \frac{1}{4}$  days = 365 days + 06:00:00.  
Mean southward equinoctial year at 2000 AD = 365 days + 05:48:30.  
Expected mean drift = **Tekufat Tishrei** 00:11:30 later each year,  
confirmed by matching regression line slope.