

Microsoft Excel - Intercal.xls

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Franklin Gothic Medium 9

E17 Elul

	A	B	C	D	E	F	G	H	I	J
					Correction (new day begins SUNDOWN prior day)					
1	Month	Days	Diff	Cal reset						
2										
3	September 2015 equinox	23			11:20 am in Jerusalem, so Rosh on the same day					
4	Sept 2015 days after Equinox (including it, if pre-sundown)	8			starts 1Tishri/Ethanim on '1', since happening before noon					
5	Oct	31		30	Tishri to 3rd wk	Sept 23 - Oct 22				
6	Nov	30		30	Bul/Cheshevan	Oct 23 - Nov 21				
7	Dec	31		30	Chislev	Nov 22 - Dec 21				
8	Jan	31		30	Tebeth	Dec 22 - Jan 20				
9	Feb	28		30	Shebat	Jan 21 - Feb 19				
10	March 20 2016 = equinox	20		30	Adar	Feb 20 - March 20 (leap yr)				
11	Starts about 6:30 am Jeru time		179	180	<i>Piggybacking at sundown solves difference</i>					
12	March 2016 days after Equinox	11		30	Nisan/Abib	March 21 - April 19	<i>But the 21st started at sundown on 20th!</i>			
13	April	30		30	Ziv/Iyyar	April 20 - May 19				
14	May	31		30	Sivan	May 20 - June 18				
15	June	30		30	Tammuz	June 19 - July 18				
16	July	31		30	Av	July 19 - August 17				
17	Aug	31		35	Elul	August 18 - Sept 21	<i>Sometimes 36 days, so no leap years</i>			
18	Sept 2016 equinox	22								
19	Starts about 3:30pm Jeru time		186	185	<i>Piggybacking at sundown solves difference</i>					
20										
21										
22										
23										

Sheet1 Sheet2