

KEPLERS' LEAP WEEKS (K LWKs) & Divide six(6)

Divide six(6) & 84-year Evenly spaced KLWks-

417 year cycle Starting at YEAR [(Y2000 - 80) +/- 128]

1926	1932	1938	1944	1950	1956	1962	1968	1974	1980
1986	1992	1998	2001	2004	2010	2016	2022	2028	2034
2040	2046	2052	2058	2064	2070	2076	2082	2085	2088
2094	2100	2106	2112	2118	2124	2130	2136	2142	2148*
2154	2160	2166	2169	2172	2178	2184	2190	2196	2202
2208	2214	2220	2226	2232	2238	2244	2250	2253	2256
2262	2268	2274	2280	2286	2292	2298	2304	2310	2316
2322	2328	2334	2337						
New Cycle starts at Y2338 th				2340	2346	2352	2358	2364	2370*
2376	2382	2388	2394	2400	2406	2412	2418	2421	2424
2430	2436	2442	2448	2454	2460	2466	2472	2478	2484
2490	2496	2502	2505	2508	2514	2520	2526	2532	2538
2544	2550	2556	2562	2568	2574	2580	2586	2589	2592*
2598	2604	2610	2616	2522	2628	2634	2640	2646	2652
2658	2664	2670	2673	2676	2682	2688	2694	2700	2706
2712	2718	2724	2730	2736	2742	2748	2754	2755 th -New Cycle	

417-years=152305.993092298677 days (152306 d or 21758 Weeks). These can be (21684+74=21758W). Mean Year = $7*(52+1/6+9/834) = 365.242206235012$ days.

This may be seen that 417-year cycles are NOT divisible by six(6), to cater to 21658 Leap Weeks; as such first/last KLWk is advanced/retarded by 3-years i.e. during 81st year from 'either side of Cycle' at [(Y2000 - 80)+/- 128], followed by uniform spacing of KLWks at 84-years interval (shown as GREEN). Thus 5th KLWk is placed at midway between 2*417-years i.e. 834 years.

0081, 0165, 0249, 0333, 0417, 0501, 0585, 0669, 0753 (Based on my 834-year cycle)

Divide six(6) & 84-year Evenly spaced KLWks

- 417 year cycle Starting at YEAR [-01, 00, +01]

-0054	-0048	-0042	-0036	-0030	-0024	-0018	-0012	-0006	0000
0006	0012	0018	0024	0030	0036	0042	0048	0054	0060
0066	0072	0078	0081	0084	0090	0096	0102	0108	0114
0120	0126	0132	0138	0144	0150	0156	0162	0165	0168
0174	0180	0186	0192	0198	0204	0210	0216	0222	0228
0234	0240	0246	0249	0252	0258	0264	0270	0276	0282
0288	0294	0300	0306	0312	0318	0324	0330	0333	0336
0342	0348	0354	0360	0366	0372	0378	0384	0390	0396
0402	0408	0414	0417 th	0420	0426	0432	0438	0444	0450
0456	0462	0468	0474	0480	0486	0492	0498	0501	0504
0510	0516	0522	0528	0534	0540	0546	0552	0558	0564
0570	0576	0582	0585	0588	0594	0600	0606	0612	0618
0624	0630	0636	0642	0648	0654	0660	0666	0669	0672
0678	0684	0690	0696	0702	0708	0714	0720	0726	0732
0738	0744	0750	0753	0756	0762	0768	0774	0780	0786
0792	0798	0804	0810	0816	0822	0828	0834	Cycle repeats	

-5004, -4170, -3336, -2502, -1668, -0834, 0000, 0834, 1668, 2502, 3336, 4170, 5004

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