

Precessional Age Structure and Great Pyramid Metrology: A Quantitative Analysis

Calc. by: JPL Horizons and SE

Extracted: 2025-11-23

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No.	Date	UT	JD	Links		Horizons ΔT	SE ΔT	Difference
1	-4173-01-01	00:00:00.000	196869.500000000	HOR	SE	113252.902810	116719.754027	3466.851217
2	-4168-11-07	03:44:57.655	199006.656222859	HOR	SE	113032.191190	116491.174836	3458.983646
3	-4043-01-01	00:00:00.000	244352.500000000	HOR	SE	108399.938350	111693.800063	3293.861713
4	-3938-01-01	00:00:00.000	282703.500000000	HOR	SE	104557.924370	107714.834783	3156.910413
5	-3848-01-01	00:00:00.000	315575.500000000	HOR	SE	101320.004760	104361.498480	3041.493720
6	-3778-01-01	00:00:00.000	341143.500000000	HOR	SE	98836.768452	101789.747208	2952.978756
7	-3713-01-01	00:00:00.000	364884.500000000	HOR	SE	96558.579400	99430.352743	2871.773343
8	-3551-01-01	00:00:00.000	424055.500000000	HOR	SE	90996.206912	93669.713744	2673.506832
9	-3486-01-01	00:00:00.000	447796.500000000	HOR	SE	88810.848441	91406.460951	2595.612510
10	-3299-01-01	00:00:00.000	516098.500000000	HOR	SE	82671.892183	85048.693021	2376.800838
11	-3243-01-01	00:00:00.000	536552.500000000	HOR	SE	80876.302475	83189.103928	2312.801453
12	-3131-01-01	00:00:00.000	577460.500000000	HOR	SE	77344.313616	79531.227515	2186.913899
13	-3119-01-01	00:00:00.000	581843.500000000	HOR	SE	76970.567124	79144.160029	2173.592905
14	-3117-01-01	00:00:00.000	582573.500000000	HOR	SE	76908.406691	79079.784089	2171.377398
15	-2647-06-23	22:46:42.240	754415.449100000	HOR	SE	62975.113574	64649.902414	1674.788840
16	-2619-01-01	00:00:00.000	764468.500000000	HOR	SE	62203.110322	63850.385827	1647.275505
17	-2615-01-01	00:00:00.000	765929.500000000	HOR	SE	62091.312513	63734.603681	1643.291168
18	-2612-01-01	00:00:00.000	767024.500000000	HOR	SE	62007.587544	63647.894857	1640.307313
19	-2588-01-01	00:00:00.000	775790.500000000	HOR	SE	61339.367316	62955.860151	1616.492835
20	-2565-01-01	00:00:00.000	784191.500000000	HOR	SE	60702.371255	62296.162499	1593.791244
21	-2517-05-28	18:00:00.000	801871.250000000	HOR	SE	59372.697546	60919.101521	1546.403975
22	-2515-01-01	00:00:00.000	802454.500000000	HOR	SE	59329.083155	60873.932796	1544.849641
23	-2480-01-01	00:00:00.000	815237.500000000	HOR	SE	58377.222200	59888.149450	1510.927250
24	-2450-01-01	00:00:00.000	826195.500000000	HOR	SE	57567.390723	59049.457407	1482.066684
25	-2416-01-01	00:00:00.000	838613.500000000	HOR	SE	56656.505435	58106.110433	1449.604998
26	-2386-01-01	00:00:00.000	849571.500000000	HOR	SE	55858.754214	57279.929527	1421.175313
27	-2354-01-01	00:00:00.000	861259.500000000	HOR	SE	55014.099724	56405.174039	1391.074315
28	-2324-01-01	00:00:00.000	872216.500000000	HOR	SE	54228.122984	55591.187585	1363.064601
29	-2295-01-01	00:00:00.000	882809.500000000	HOR	SE	53473.639832	54809.817219	1336.177387
30	-2225-01-01	00:00:00.000	908376.500000000	HOR	SE	51674.437973	52946.498611	1272.060638
31	-2167-01-01	00:00:00.000	929561.500000000	HOR	SE	50206.961027	51426.727081	1219.766054
32	-2166-01-01	00:00:00.000	929926.500000000	HOR	SE	50181.863089	51400.734767	1218.871678
33	-2165-03-23	13:35:02.400	930373.066000000	HOR	SE	50151.165099	51368.942840	1217.777741
34	-2154-01-01	00:00:00.000	934309.500000000	HOR	SE	49880.972269	51089.121576	1208.149307
35	-2115-01-01	00:00:00.000	948554.500000000	HOR	SE	48909.317044	50082.841216	1173.524172
36	-2090-01-01	00:00:00.000	957685.500000000	HOR	SE	48291.522187	49443.031277	1151.509090
37	-2080-01-01	00:00:00.000	961337.500000000	HOR	SE	48045.532107	49188.275392	1142.743285
38	-2066-01-01	00:00:00.000	966451.500000000	HOR	SE	47702.122244	48832.628225	1130.505981
39	-2065-01-01	00:00:00.000	966816.500000000	HOR	SE	47677.659310	48807.293564	1129.634254
40	-2027-01-01	00:00:00.000	980696.500000000	HOR	SE	46752.059871	47848.710894	1096.651023
41	-2027-01-12	18:29:47.630	980708.270690162	HOR	SE	46751.278789	47847.901978	1096.623189
42	-2026-01-01	00:00:00.000	981061.500000000	HOR	SE	46727.842143	47823.630184	1095.788041
43	-2025-01-01	00:00:00.000	981426.500000000	HOR	SE	46703.630698	47798.555981	1094.925283
44	-2015-01-01	00:00:00.000	985079.500000000	HOR	SE	46461.663347	47547.966311	1086.302964
45	-2005-01-01	00:00:00.000	988731.500000000	HOR	SE	46220.391299	47298.096741	1077.705442
46	-1990-01-01	00:00:00.000	994210.500000000	HOR	SE	45859.596842	46924.445724	1064.848882
47	-1914-01-01	00:00:00.000	1021969.500000000	HOR	SE	44053.411221	45053.899175	1000.487954
48	-1907-01-01	00:00:00.000	1024526.500000000	HOR	SE	43888.863630	44883.488222	994.624592
49	-1897-01-01	00:00:00.000	1028178.500000000	HOR	SE	43654.385487	44640.654882	986.269395
50	-1885-01-01	00:00:00.000	1032561.500000000	HOR	SE	43373.803620	44350.075027	976.271407
51	-1884-01-01	00:00:00.000	1032926.500000000	HOR	SE	43350.478666	44325.918935	975.440269

