

Table 2.O

Close, near, and “relaxed” near accords with intervals potentially related to planetary periods in the concluding temporal-expressions of the plates of Mormon

Summary				
Interval type	No. of close accords with intervals	No. of near accords with intervals	No. of “relaxed” near accords with intervals	Total No.
7-day week	9	0	0	9
9-day cycle	8	0	0	8
13-day cycle	7	0	0	7
20-day cycle	6	0	0	6
30-day cycle	2	0	0	2
260-day calendar	1	0	0	1
Long Count tun	1	0	0	1
computing year	0	0	0	0
365-day year	0	0	0	0
819-day cycle	0	0	0	0
draconic month	12	8	11	31
sidereal month	8	13	12	33
synodic month	8	10	11	29
draconic or eclipse year	4	2	3	9
13-sidereal month year	0	0	1	1
6-synodic month semester	0	1	0	1
12-synodic month year	0	0	0	0
18-synodic month year	0	1	0	1
tropical year	1	0	0	1
sidereal year	1	0	0	1
Mercury sidereal period	10	9	7	26
Mercury synodic period	8	6	4	18
Venus sidereal period	5	5	4	14
Venus synodic period	2	1	1	4
Mars sidereal period	2	0	2	4
Mars synodic period	0	0	0	0
Jupiter sidereal period	0	0	0	0
Jupiter synodic period	2	2	2	6
Saturn sidereal period	0	0	0	0
Saturn synodic period	3	2	3	8
Total No.	100	60	61	221

Data

Mercury sidereal period (about 87.96939 days)

Close accords with one or more Mercury sidereal periods or half periods and their related accords

Set-sum	Accords
88	a close accord with 1 mean sidereal period of Mercury (about 87.9694 days)
88	a close accord with the length of 3 mean synodic months (about 88.5918 days)
395	a close accord with the length of 4.5 mean sidereal periods of Mercury (about 395.8623 days)
395	a close accord with the length of 14.5 mean draconic months (about 394.5772 days)
395	a near accord with the length of 14.5 mean sidereal months (about 396.1641 days)
396	a close accord with the length of 4.5 mean sidereal periods of Mercury (about 395.8623 days)
396	a shorter near accord with the length of 1 mean synodic period of Jupiter (about 398.8842 days)

Set-sum	Accords
396	a near accord with the length of 14.5 mean draconic months (about 394.5772 days)
396	a close accord with the length of 14.5 mean sidereal months (about 396.1641 days)
396	a shorter near accord with the length of 13.5 mean synodic months (about 398.6630 days)
396	a close accord with the length of 44 9-day cycles
440	a close accord with the length of 5 mean sidereal periods of Mercury (about 439.8470 days)
440	a longer near accord with the length of 16 mean sidereal months (about 437.1466 days)
440	a shorter near accord with the length of 15 mean synodic months (about 442.9589 days)
440	a close accord with the length of 22 20-day cycles
1024	a close accord with the length of 37.5 mean sidereal periods of Mercury (about 1024.5623 days)
1143	a close accord with the length of 13 mean sidereal period of Mercury (about 1143.6021 days)
1143	a close accord with the length of 42 mean draconic months (about 1142.9132 days)
1143	a close accord with the length of 127 9-day cycles
1408	a close accord with the length of 16 mean sidereal periods of Mercury (about 1407.5102 days)
1408	a close accord with the length of 51.5 mean sidereal months (about 1407.0655 days)
1583	a close accord with the length of 18 mean sidereal periods of Mercury (about 1583.4490 days)
1583	a near accord with the length of 58 mean sidereal months (about 1584.6563 days)
2860	a close accord with the length of 32.5 mean sidereal periods of Mercury (about 2859.0052 days)
2860	a longer near accord with the length of 105 mean draconic months (about 2857.2831 days)
2860	a close accord with the length of 220 13-day cycles
2860	a close accord with the length of 143 20-day cycles
2860	a close accord with the length of 11 260-day calendars
3474	a close accord with the length of 39.5 mean sidereal periods of Mercury (about 3474.7909 days)
3474	a shorter near accord with the length of 30 mean synodic periods of Mercury (about 3476.3262 days)
3474	a close accord with the length of 386 9-day cycles

Near accords with one or more Mercury sidereal periods or half periods and their related accords

Set-sum	Accords
86	a near accord with 1 mean sidereal period of Mercury (about 87.9694 days)
86	a shorter near accord with the length of 3 mean synodic months (about 88.5918 days)
350	a near accord with the length of 4 mean sidereal periods of Mercury (about 351.8776 days)
350	a longer near accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
350	a close accord with the length of 50 7-day weeks
1010	a near accord with the length of 11.5 mean sidereal periods of Mercury (about 1011.6480 days)
1010	a near accord with the length of 4.5 mean sidereal periods of Venus (about 1011.1552 days)
1010	a close accord with the length of 37 mean sidereal months (about 1010.9014 days)
1450	a near accord with the length of 16.5 mean sidereal periods of Mercury (about 1451.4949 days)
1450	a near accord with the length of 12.5 mean synodic periods of Mercury (about 1448.4693 days)
1450	a near accord with the length of 53 mean sidereal months (about 1448.0480 days)
1497	a near accord with the length of 17 mean sidereal periods of Mercury (about 1495.4796 days)
1497	a close accord with the length of 55 mean draconic months (about 1496.6721 days)
2597	a near accord with the length of 29.5 mean sidereal periods of Mercury (about 2595.0970 days)
2597	a near accord with the length of 95.5 mean draconic months (about 2598.7670 days)
2597	a near accord with the length of 95 mean sidereal months (about 2595.5577 days)
2597	a near accord with the length of 88 mean synodic months (about 2598.6919 days)
2597	a close accord with the length of 371 7-day weeks
2597	a shorter near accord with the length of 7.5 mean draconic years (about 2599.6506 days)
3960	a near accord with the length of 45 mean sidereal periods of Mercury (about 3958.6226 days)
3960	a close accord with the length of 145.5 mean draconic months (about 3959.3780 days)
3960	a near accord with the length of 145 mean sidereal months (about 3961.6407 days)

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Set-sum	Accords
3960	a longer near accord with the length of 134 mean synodic months (about 3957.0991 days)
3960	a close accord with the length of 440 9-day cycles
3960	a close accord with the length of 198 20-day cycles
3960	a close accord with the length of 132 30-day cycles
3960	a close accord with the length of 11 Long Count tuns (360 days)
5412	a near accord with the length of 61.5 mean sidereal periods of Mercury (about 5410.1175 days)
5412	a shorter near accord with the length of 198 mean sidereal months (about 5409.6887 days)
6423	a near accord with the length of 73 mean sidereal periods of Mercury (about 6421.7655 days)
6423	a close accord with the length of 11 mean synodic periods of Venus (about 6423.1383 days)
6423	a close accord with the length of 236 mean draconic months (about 6422.0839 days)
6423	a longer near accord with the length of 235 mean sidereal months (about 6420.5901 days)
6423	a close accord with the length of 217.5 mean synodic months (about 6422.9033 days)

“Relaxed” near accords with one or more Mercury sidereal periods or half periods and their related accords

Set-sum	Accords
90	a longer near accord with the length of 1 mean sidereal period of Mercury (about 87.9694 days)
90	a near accord with the length of 3 mean synodic months (about 88.5198 days)
90	a close accord with the length of 10 9-day cycles
90	a close accord with the length of 3 30-day cycles
349	a shorter near accord with the length of 4 mean sidereal periods of Mercury (about 351.8776 days)
349	a near accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
349	a longer near accord with the length of 1 mean draconic year (about 346.6201 days)
1586	a longer near accord with the length of 18 mean sidereal periods of Mercury (about 1583.4490 days)
1586	a near accord with the length of 58 mean sidereal months (about 1584.6563 days)
1586	a close accord with the length of 122 13-day cycles
2197	a shorter near accord with the length of 25 mean sidereal periods of Mercury (about 2199.2348 days)
2197	a shorter near accord with the length of 80.5 mean sidereal months (about 2199.3936 days)
2197	a close accord with the length of 169 13-day cycles
3565	a longer near accord with the length of 40.5 mean sidereal periods of Mercury (about 3562.7603 days)
3565	a close accord with the length of 131 mean draconic months (about 3564.8008 days)
3565	a close accord with the length of 130.5 mean sidereal months (about 3565.4766 days)
5413	a longer near accord with the length of 61.5 mean sidereal period of Mercury (about 5410.1175 days)
5413	a near accord with the length of 199 mean draconic months (about 5415.2318 days)
8003	a shorter near accord with the length of 91 mean sidereal periods of Mercury (about 8005.2145 days)
8003	a longer near accord with the length of 294 mean draconic months (about 8000.3927 days)
8003	a shorter near accord with the length of 293 mean sidereal months (about 8005.2464 days)
8003	a close accord with the length of 271 mean synodic months (about 8002.7899 days)

Mercury synodic period (about 115.87754 days)

Close accords with one or more Mercury synodic periods or half periods and their related accords

Set-sum	Accords
347	a close accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
347	a close accord with the length of 1 mean draconic year (about 346.6201 days)
348	a close accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
348	a near accord with the length of 1 mean draconic year (about 346.6201 days)
1390	a close accord with the length of 12 mean synodic periods of Mercury (about 1390.5305 days)
1390	a longer near accord with the length of 51 mean draconic months (about 1387.8232 days)
1390	a shorter near accord with the length of 47 mean synodic months (about 1387.9377 days)

Set-sum	Accords
2491	a close accord with the length of 21.5 mean synodic periods of Mercury (about 2491.3671 days)
2491	a near accord with the length of 91.5 mean draconic months (about 2489.9181 days)
3940	a close accord with the length of 34 mean synodic periods of Mercury (about 3939.8634 days)
3940	a shorter near accord with the length of 133.5 mean synodic months (about 3942.3338 days)
3940	a close accord with the length of 197 20-day cycles
4461	a close accord with the length of 38.5 mean synodic periods of Mercury (about 4461.2853 days)
4461	a near accord with the length of 164 mean draconic months (about 4462.8041 days)
4461	a near accord with the length of 151 mean synodic months (about 4459.1191 days)
5794	a close accord with the length of 50 mean synodic periods of Mercury (about 5793.8770 days)
5794	a shorter near accord with the length of 213 mean draconic months (about 5796.2029 days)
5794	a near accord with the length of 12 mean sidereal months (about 5792.1919 days)
7996	a close accord with the length of 69 mean synodic periods of Mercury (about 7995.5503 days)

Near accords with one or more Mercury synodic periods or half periods and their related accords

Set-sum	Accords
346	a near accord with the length of 3 mean synodic periods of Mercury (about 347.6326 days)
346	a close accord with the length of 1 mean draconic year (about 346.6201 days)
349	(see above)
465	a near accord with the length of 4 mean synodic periods of Mercury (about 463.5102 days)
465	a longer near accord with the length of 17 mean draconic months (about 462.6077 days)
465	a close accord with the length of 17 mean sidereal months (about 464.4682 days)
1450	(see above)
1679	a near accord with the length of 14.5 mean synodic periods of Mercury (about 1680.2243 days)
1679	a near accord with the length of 61.5 mean sidereal months (about 1680.2821 days)
2898	a near accord with the length of 25 mean synodic periods of Mercury (about 2896.9385 days)
2898	a close accord with the length of 106.5 mean draconic months (about 2898.1014 days)
2898	a near accord with the length of 106 mean sidereal months (about 2896.0960 days)
2898	a close accord with the length of 414 7-day weeks
2898	a close accord with the length of 322 9-day cycles

“Relaxed” near accords with one or more Mercury synodic periods or half periods and their related accords

Set-sum	Accords
345	a shorter near accord with the length of 3 mean synodic periods of Mercury (about 347.6236 days)
345	a near accord with the length of 1 mean draconic year (about 346.6201 days)
350	(see above)
1045	a longer near accord with the length of 9 mean synodic periods of Mercury (about 1042.8979 days)
1045	a shorter near accord with the length of 38.5 mean draconic months (about 1047.6705 days)
3474	(see above)

Venus sidereal period (about 224.70116 days)

Close accords with one or more Venus sidereal periods or half periods and their related accords

Set-sum	Accords
674	a close accord with the length of 3 mean sidereal periods of Venus (about 674.1035 days)
1123	a close accord with the length of 5 mean sidereal periods of Venus (about 1123.5058 days)
1123	a longer near accord with the length of 41 mean sidereal months (about 1120.1881 days)
1123	a close accord with the length of 38 mean synodic months (about 1122.1624 days)
1573	a close accord with the length of 7 mean sidereal periods of Venus (about 1572.9081 days)
1573	a longer near accord with the length of 57.5 mean sidereal months (about 1570.9955 days)
1573	a close accord with the length of 121 13-day cycles

Set-sum	Accords
2922	a close accord with the length of 13 mean sidereal periods of Venus (about 2921.1151 days)
2922	a longer near accord with the length of 5 mean synodic periods of Venus (about 2919.6083 days)
2922	a near accord with the length of 107 mean sidereal months (about 2923.4176 days)
2922	a near accord with the length of 99 mean synodic months (about 2923.5284 days)
2922	a near accord with the length of 16.5 6-month lunar semesters (about 2923.5284 days)
2922	a near accord with the length of 5.5 18-month lunar years (about 2923.5284 days)
2922	a close accord with the length of 8 mean tropical years (about 2921.9375 days)
2922	a close accord with the length of 8 mean sidereal years (about 2922.0510 days)
3819	a close accord with the length of 17 mean sidereal periods of Venus (about 3819.9197 days)

Near accords with one or more Venus sidereal periods or half periods and their related accords

Set-sum	Accords
336	a near accord with the length of 1.5 mean sidereal periods of Venus (about 337.0517 days)
336	a close accord with the length of 48 7-day weeks
1010	(see above)
1122	a near accord with the length of 5 mean sidereal periods of Venus (about 1123.5058 days)
1122	a near accord with the length of 41 mean sidereal months (about 1120.1881 days)
1122	a close accord with the length of 38 mean synodic months (about 1122.1624 days)
8877	a near accord with the length of 39.5 mean sidereal periods of Venus (about 8875.6958 days)
8877	a shorter near accord with the length of 325 mean sidereal months (about 8879.5395 days)
8877	a shorter near accord with the length of 25 13-sidereal month years (about 8879.5395 days)
9998	a near accord with the length of 44.5 mean sidereal periods of Venus (about 9999.2016 days)
9998	a shorter near accord with the length of 367.5 mean draconic months (about 10000.4909 days)
9998	a near accord with the length of 366 mean sidereal months (about 9999.7276 days)
9998	a near accord with the length of 338.5 mean synodic months (about 9996.1047 days)

“Relaxed” near accords with one or more Venus sidereal periods or half periods and their related accords

Set-sum	Accords
784	a shorter near accord with the length of 3.5 mean sidereal periods of Venus (about 786.4541 days)
784	a near accord with the length of 26.5 mean synodic months (about 782.5606 days)
784	a close accord with the length of 112 7-day weeks
1121	a shorter near accord with the length of 5 mean sidereal periods of Venus (about 1123.5058 days)
1121	a close accord with the length of 41 mean sidereal months (about 1120.1881 days)
1121	a near accord with the length of 38 mean synodic months (about 1122.1624 days)
7188	a shorter near accord with the length of 32 mean sidereal periods of Venus (about 7190.4371 days)
7188	a longer near accord with the length of 263 mean sidereal months (about 7185.5966 days)
7188	a shorter near accord with the length of 243.5 mean synodic months (about 7190.6987 days)
8316	a longer near accord with the length of 37 mean sidereal periods of Venus (about 8313.9429 days)
8316	a shorter near accord with the length of 22 mean synodic periods of Saturn (about 8318.0258 days)
8316	a longer near accord with the length of 305.5 mean draconic months (about 8313.3332 days)
8316	a close accord with the length of 1188 7-day weeks
8316	a close accord with the length of 924 9-day cycles
8316	a shorter near accord with the length of 24 mean draconic years (about 8318.8818 days)

Venus synodic period (about 583.92166 days)

Close accords with one or more Venus synodic periods or half periods and their related accords

Set-sum	Accords
2044	a close accord with the length of 3.5 mean synodic periods of Venus (about 2043.7258 days)
2044	a close accord with the length of 292 7-day weeks
6423	(see above)

Near accords with one or more Venus synodic periods or half periods and their related accords

Set-sum	Accords
2626	a near accord with the length of 4.5 mean synodic periods of Venus (about 2627.6475 days)
2626	a close accord with the length of 96.5 mean draconic months (about 2625.9792 days)
2626	a shorter near accord with the length of 89 mean synodic months (about 2628.2225 days)
2626	a close accord with the length of 202 13-day cycles

“Relaxed” near accords with one or more Venus synodic periods or half periods and their related accords

Set-sum	Accords
2922	(see above)

Mars sidereal period (about 686.99576 days)

Close accords with one or more Mars sidereal periods or half periods and their related accords

Set-sum	Accords
1373	a close accord with the length of 2 mean sidereal periods of Mars (about 1373.9915 days)
1373	a near accord with the length of 50.5 mean draconic months (about 1374.2171 days)
1373	a close accord with the length of 46.5 mean synodic months (about 1373.1724 days)
4121	a close accord with the length of 6 mean sidereal periods of Mars (about 4121.9746 days)
4121	a near accord with the length of 151.5 mean draconic months (about 4122.6513 days)
4121	a near accord with the length of 139.5 mean synodic months (about 4119.5173 days)
4121	a close accord with the length of 317 13-day cycles

No near accords with one or more Mars sidereal periods or half periods

“Relaxed” near accords with one or more Mars sidereal periods or half periods and their related accords

Set-sum	Accords
1371	a shorter near accord with the length of 2 mean sidereal periods of Mars (about 1373.9915 days)
1371	a shorter near accord with the length of 46.5 mean synodic months (about 1373.1724 days)
9277	a longer near accord with the length of 13.5 mean sidereal periods of Mars (about 9274.4428 days)
9277	a shorter near accord with the length of 341 mean draconic months (about 9279.3670 days)
9277	a near accord with the length of 339.5 mean sidereal months (about 9275.7036 days)

Mars synodic period (about 779.93651 days)

No accords with one or more Mars synodic periods or half periods

Jupiter sidereal period (about 4332.8486 days)

No accords with one or more Jupiter sidereal periods or half periods

Jupiter synodic period (about 398.88421 days)

Close accords with one or more Jupiter synodic periods or half periods and their related accords

Set-sum	Accords
2793	a close accord with the length of 7 mean synodic periods of Jupiter (about 2792.1895days)
2793	a longer near accord with the length of 94.5 mean synodic months (about 2790.6408 days)
2793	a close accord with the length of 399 7-day weeks
7579	a close accord with the length of 19 mean synodic periods of Jupiter (about 7578.8000 days)
7579	a close accord with the length of 278.5 mean draconic months (about 7578.6033 days)
7579	a shorter near accord with the length of 277.5 mean sidereal months (about 7581.7607 days)
7579	a close accord with the length of 583 13-day cycles

Near accords with one or more Jupiter synodic periods or half periods and their related accords

Set-sum	Accords
400	a near accord with the length of 1 mean synodic period of Jupiter (about 398.8842 days)
400	a near accord with the length of 13.5 mean synodic months (about 398.6630 days)
400	a close accord with the length of 20 20-day cycles
1198	a near accord with the length of 3 mean synodic periods of Jupiter (about 1196.6526 days)
1198	a close accord with the length of 44 mean draconic months (about 1197.3377 days)
1198	a shorter near accord with the length of 40.5 mean synodic months (about 1195.9889 days)

“Relaxed” near accords with one or more Jupiter synodic periods or half periods and their related accords

Set-sum	Accords
396	(see above)
7576	a shorter near accord with the length of 19 mean synodic periods of Jupiter (about 7578.8000 days)
7576	a shorter near accord with the length of 278.5 mean draconic months (about 7578.6033 days)
7576	a near accord with the length of 256.5 mean synodic months (about 7574.5963 days)

Saturn sidereal period (about 10764.44 days)

No accords with one or more Jupiter sidereal periods or half periods

Saturn synodic period (about 378.09208 days)

Close accords with one or more Saturn synodic periods or half periods and their related accords

Set-sum	Accords
379	a close accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)
379	a near accord with the length of 14 mean draconic months (about 380.9711 days)
8319	a close accord with the length of 22 mean synodic periods of Saturn (about 8318.0258 days)
8319	a close accord with the length of 304.5 mean sidereal months (about 8319.4455 days)
8319	a close accord with the length of 24 mean draconic years (about 8318.8818 days)
10398	a close accord with the length of 27.5 mean synodic periods of Saturn (about 10397.5322 days)
10398	a longer near accord with the length of 382 mean draconic months (about 10395.0680 days)
10398	a longer near accord with the length of 380.5 mean sidereal months (about 10395.8916 days)
10398	a close accord with the length of 30 mean draconic years (about 10398.6023 days)

Near accords with one or more Saturn synodic periods or half periods and their related accords

Set-sum	Accords
380	a near accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)
380	a close accord with the length of 14 mean draconic months (about 380.9711 days)
380	a shorter near accord with the length of 14 mean sidereal months (about 382.5032 days)
380	a close accord with the length of 19 20-day cycles

Set-sum	Accords
3026	a near accord with the length of 8 mean synodic periods of Saturn (about 3024.7366 days)
3026	a close accord with the length of 102.5 mean synodic months (about 3026.8855 days)

“Relaxed” near accords with one or more Saturn synodic periods or half periods and their related accords	
Set-sum	Accords
376	a shorter near accord with the length of 1 mean synodic period of Saturn (about 378.0921 days)
8316	(see above)
10395	a shorter near accord with the length of 27.5 mean synodic periods of Saturn (about 10397.5322 days)
10395	a close accord with the length of 382 mean draconic months (about 10395.0680 days)
10395	a close accord with the length of 380.5 mean sidereal months (about 10395.8916 days)
10395	a close accord with the length of 352 mean synodic months (about 10394.7677 days)
10395	a close accord with the length of 1485 7-day weeks
10395	a close accord with the length of 1155 9-day cycles
