

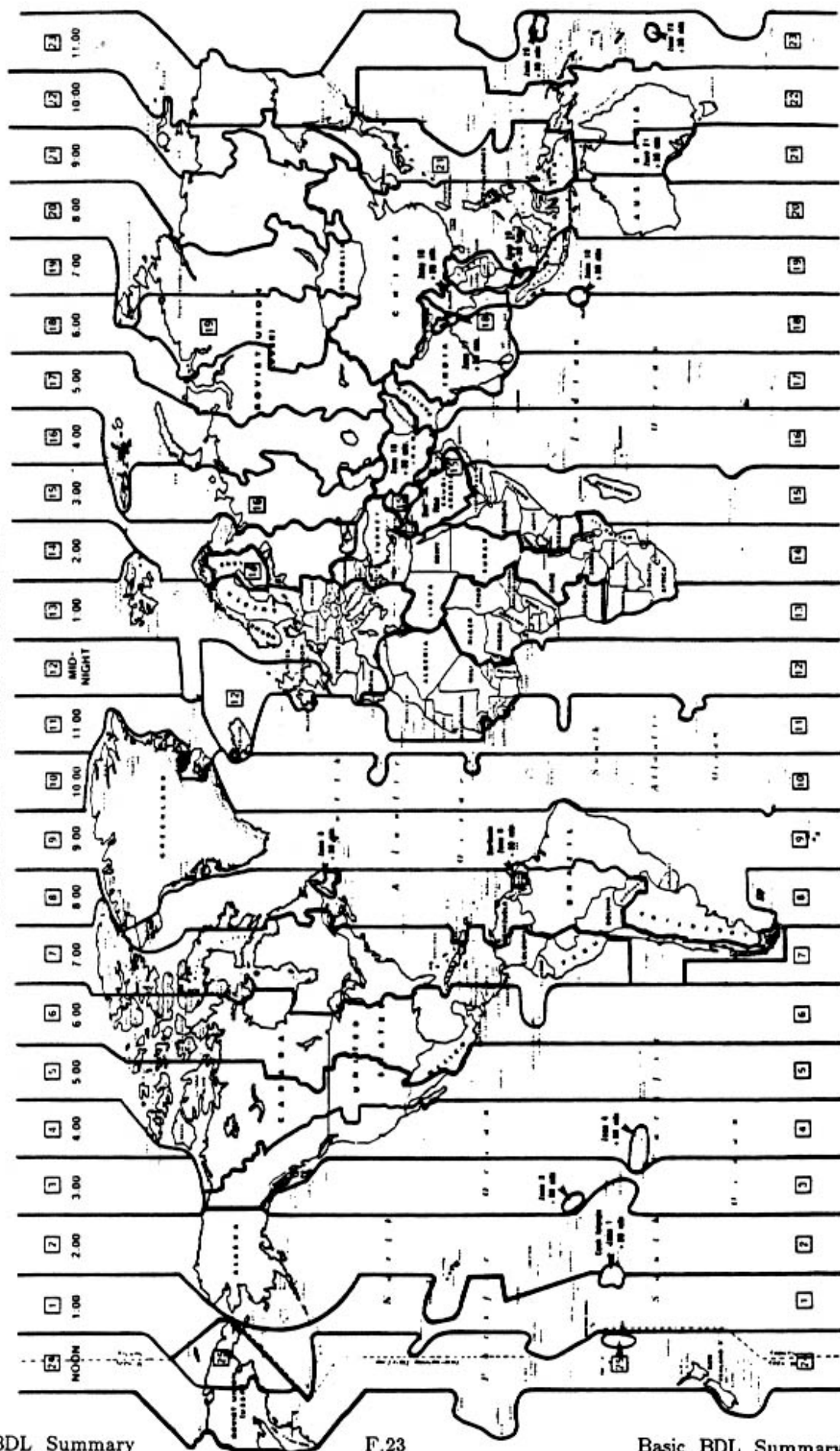
Geographical Data for the 50 Largest U.S. Cities

State	City	Lat.	Long.	Time Zone
Arizona	Phoenix	33.45	112.07	7
	Tucson	32.13	110.58	7
California	Fresno	36.43	119.47	8
	Long Beach	33.78	118.18	8
	Los Angeles	34.07	118.25	8
	Oakland	37.82	122.27	8
	Sacramento	38.35	121.29	8
	San Diego	32.72	117.15	8
	San Francisco	37.78	122.42	8
	San Jose	37.33	121.88	8
Colorado	Denver	39.73	104.98	7
Florida	Jacksonville	30.33	81.65	5
	Miami	25.78	80.18	5
Georgia	Atlanta	33.75	84.38	5
Hawaii	Honolulu	21.32	157.87	10
Illinois	Chicago	41.88	87.63	6
Indiana	Indianapolis	39.77	86.15	5
Louisiana	New Orleans	29.97	90.07	6
Maryland	Baltimore	39.28	76.62	5
Massachusetts	Boston	42.37	71.07	5
Michigan	Detroit	42.33	83.00	5
Minnesota	Minneapolis	44.98	93.27	6
Missouri	Kansas City	39.10	94.58	6
	Saint Louis	38.62	90.20	6
Nebraska	Omaha	41.28	96.02	6
New Mexico	Albuquerque	35.05	106.39	6
New York	Buffalo	42.88	78.88	5
	New York	40.72	74.00	5
North Carolina	Charlotte	35.13	80.5	5
Ohio	Cincinnati	39.10	84.52	5
	Cleveland	41.50	81.70	5
	Columbus	39.97	83.00	5
	Toledo	41.65	83.55	5
Oklahoma	Oklahoma City	35.50	97.50	6
	Tulsa	36.17	95.92	6

Oregon	Portland	45.53	122.62	8
Pennsylvania	Philadelphia	39.95	75.17	5
	Pittsburgh	40.43	80.02	5
Tennessee	Memphis	35.13	90.05	6
	Nashville	36.17	86.78	6
Texas	Austin	30.16	97.44	6
	Dallas	32.78	96.82	6
	El Paso	31.75	106.48	7
	Fort Worth	32.75	97.30	6
	Houston	29.77	95.37	6
	San Antonio	29.42	98.50	6
Virginia	Virginia Beach	36.5	75.58	5
Washington	Seattle	47.60	122.33	8
Wisconsin	Milwaukee	43.03	87.92	6
D.C.	Washington	38.90	77.03	5

TIME ZONE CHART

WORLD TIME ZONES



PERPETUAL CALENDAR

INDEX											
1776	9	1801	5	1826	1	1851	4	1876	14	1901	3
1777	4	1802	6	1827	2	1852	12	1877	2	1902	4
1778	5	1803	7	1828	10	1853	7	1878	3	1903	5
1779	6	1804	8	1829	5	1854	3	1879	4	1904	13
1780	14	1805	3	1830	6	1855	2	1880	12	1905	1
1781	2	1806	4	1831	7	1856	10	1881	7	1906	2
1782	3	1807	5	1832	8	1857	5	1882	1	1907	3
1783	4	1808	13	1833	3	1858	6	1883	2	1908	11
1784	12	1809	1	1834	4	1859	7	1884	10	1909	6
1785	7	1810	2	1835	5	1860	8	1886	5	1910	7
1786	1	1811	3	1836	13	1861	3	1886	6	1911	1
1787	2	1812	11	1837	1	1862	4	1887	7	1912	9
1788	10	1813	6	1838	2	1863	5	1888	8	1913	4
1789	5	1814	7	1839	3	1864	13	1889	3	1914	5
1790	6	1815	1	1840	11	1865	1	1890	4	1915	6
1791	7	1816	9	1841	6	1866	2	1891	5	1916	14
1792	8	1817	4	1842	7	1867	3	1892	13	1917	2
1793	3	1818	5	1843	1	1868	11	1893	1	1918	3
1794	4	1819	6	1844	9	1869	6	1894	2	1919	4
1795	5	1820	14	1845	4	1870	7	1895	3	1920	12
1796	13	1821	2	1846	5	1871	1	1896	11	1921	7
1797	1	1822	3	1847	6	1872	9	1897	6	1922	1
1798	2	1823	4	1848	14	1873	4	1898	7	1923	2
1799	3	1824	12	1849	2	1874	5	1899	1	1924	10
1800	4	1825	7	1850	3	1875	6	1900	2	1925	5
1926	6	1951	2	1976	12	1901	3	1926	6	1951	2
1927	7	1952	10	1977	7	1902	4	1927	7	1952	10
1928	8	1953	5	1978	1	1903	5	1928	8	1953	5
1929	3	1954	6	1979	2	1904	13	1929	3	1954	6
1930	4	1955	7	1980	10	1905	1	1930	4	1955	7
1931	5	1956	8	1981	5	1906	2	1931	5	1956	8
1932	13	1957	3	1982	6	1907	3	1932	13	1957	3
1933	1	1958	4	1983	7	1908	11	1933	1	1958	4
1934	2	1959	5	1984	8	1909	6	1934	2	1959	5
1935	3	1960	13	1985	3	1910	7	1935	3	1960	13
1936	11	1961	1	1986	4	1911	1	1936	11	1961	1
1937	6	1962	2	1987	5	1912	9	1937	6	1962	2
1938	7	1963	3	1988	13	1913	4	1938	7	1963	3
1939	1	1964	11	1989	1	1914	5	1939	1	1964	11
1940	9	1965	6	1990	2	1915	6	1940	9	1965	6
1941	4	1966	7	1991	3	1916	14	1941	4	1966	7
1942	5	1967	1	1992	11	1917	2	1942	5	1967	1
1943	6	1968	9	1993	6	1918	3	1943	6	1968	9
1944	14	1969	4	1994	7	1919	4	1944	14	1969	4
1945	2	1970	5	1995	1	1920	12	1945	2	1970	5
1946	3	1971	6	1996	9	1921	7	1946	3	1971	6
1947	4	1972	14	1997	4	1922	1	1947	4	1972	14
1948	12	1973	2	1998	5	1923	2	1948	12	1973	2
1949	7	1974	3	1999	6	1924	10	1949	7	1974	3
1950	1	1975	4	2000	14	1925	5	1950	1	1975	4

Year 1											
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th
JANUARY						FEBRUARY					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
APRIL						MAY					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
JULY						AUGUST					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
OCTOBER						NOVEMBER					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
DECEMBER											
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29

Year 2											
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th
JANUARY						FEBRUARY					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
APRIL						MAY					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
JULY						AUGUST					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
OCTOBER						NOVEMBER					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29
DECEMBER						JANUARY					
1	2	3	4	5	6	7	1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10
11	12	13	14	15	16	17	10	11	12	13	14
14	15	16	17	18	19	20	13	14	15	16	17
17	18	19	20	21	22	23	16	17	18	19	20
20	21	22	23	24	25	26	19	20	21	22	23
23	24	25	26	27	28	29	22	23	24	25	26
26	27	28	29	30	31		25	26	27	28	29

PERPETUAL CALENDAR

Year 2																				
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH								
1 2 3 4 5						1 2 3						1 2 3 4 5 6 7 8 9								
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31				1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
APRIL						MAY						JUNE								
1 2 3 4 5 6						1 2 3 4						1 2 3 4 5 6 7 8								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31					1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
JULY						AUGUST						SEPTEMBER								
1 2 3 4 5 6						1 2 3 4						1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31								
OCTOBER						NOVEMBER						DECEMBER								
1 2 3 4 5						1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31														

Year 4																								
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S				
JANUARY							FEBRUARY							MARCH										
1 2 3 4							5 6 7 8 9 10 11							12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31																			
APRIL							MAY							JUNE										
1 2 3 4 5							6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31																			
JULY							AUGUST							SEPTEMBER										
1 2 3 4 5							6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31																			
OCTOBER							NOVEMBER							DECEMBER										
1 2 3 4							5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31							1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
26	27	28	29	30	31																			

Year 5																							
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S			
JANUARY						FEBRUARY						MARCH											
1 2 3						1 2 3 4 5 6 7						1 2 3 4 5 6											
4	5	6	7	8	9 10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25			
26	27	28	29	30	31																		
APRIL						MAY						JUNE											
1 2 3 4						1 2						1 2 3 4 5 6											
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
29	30	31																					
JULY						AUGUST						SEPTEMBER											
1 2 3 4						1						1 2 3 4 5											
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
29	30	31																					
OCTOBER						NOVEMBER						DECEMBER											
1 2 3 4						1 2 3 4 5 6 7						1 2 3 4 5											
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
29	30	31																					

Year 6																				
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH								
					1	2		1	2	3	4	5	6		1	2	3	4	5	6
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31																	
APRIL						MAY						JUNE								
					1	2	3						1		1	2	3	4	5	6
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31																	
JULY						AUGUST						SEPTEMBER								
					1	2	3	4	5	6	7									
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31																		
OCTOBER						NOVEMBER						DECEMBER								
					1	2		1	2	3	4	5	6							
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31																	

PERPETUAL CALENDAR

Year 7														
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S	S
JANUARY						FEBRUARY						MARCH		
						1		1	2	3	4	5		1
2	3	4	5	6	7	8	9	7	8	9	10	11	12	6
9	10	11	12	13	14	15	16	14	15	16	17	18	19	13
16	17	18	19	20	21	22	23	20	21	22	23	24	25	20
22	23	24	25	26	27	28	29	27	28			27	28	26
29	30													
-----APRIL-----						-----MAY-----						-----JUNE-----		
						1	2	1	2	3	4	5	6	7
3	4	5	6	7	8	9	10	8	9	10	11	12	13	14
11	12	13	14	15	16	17	18	16	17	18	19	20	21	22
19	20	21	22	23	24	25	26	24	25	26	27	28	29	30
27	28	29	30	31										
-----JULY-----						-----AUGUST-----						-----SEPTEMBER-----		
						1	2	1	2	3	4	5	6	
3	4	5	6	7	8	9	10	7	8	9	10	11	12	13
11	12	13	14	15	16	17	18	16	17	18	19	20	21	22
19	20	21	22	23	24	25	26	24	25	26	27	28	29	30
27	28	29	30	31										
-----OCTOBER-----						-----NOVEMBER-----						-----DECEMBER-----		
						1		1	2	3	4	5		1
2	3	4	5	6	7	8	9	7	8	9	10	11	12	4
9	10	11	12	13	14	15	16	14	15	16	17	18	19	13
16	17	18	19	20	21	22	23	20	21	22	23	24	25	20
22	23	24	25	26	27	28	29	27	28	29	30	31		
30	31													

PERPETUAL CALENDAR

Year 11													
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH	
1 2 3 4						1 2 3 4 5 6 7							
8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	1	2	3	4
5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	
APRIL						MAY						JUNE	
1 2 3 4						1 2						3 4 5 6 7	
8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	1	2	3	4
5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	
JULY						AUGUST						SEPTEMBER	
1 2 3 4						1						2 3 4 5	
6	7	8	9	10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29	30	31	1	2
3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30
OCTOBER						NOVEMBER						DECEMBER	
1 2 3 4 5 6 7						1 2 3 4 5							
8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31	1	2	3	4
5	6	7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30	31	

Year 12													
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH	
	1	2	3				1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31				
APRIL						MAY						JUNE	
	1	2	3					1	2	3	4	5	6
7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31			
JULY						AUGUST						SEPTEMBER	
	1	2	3	4	5	6	7		1	2	3	4	5
6	7	8	9	10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29	30	31		
OCTOBER						NOVEMBER						DECEMBER	
	1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31										

Year 13													
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH	
1 2						1 2 3 4 5 6						1 2 3 4	
8	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	27 28 29 30 31				
31													
-----APRIL-----						-----MAY-----						-----JUNE-----	
1 2						1 2 3 4 5 6 7						1 2 3 4	
8	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	22	23	24	25	26	27	28
24	25	26	27	28	29	30	29	30	28 27 26 25 24				
-----JULY-----						-----AUGUST-----							
1 2						1 2 3 4 5 6						1 2 3	
8	4	5	6	7	8	9	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	26 25 24 23 22 21				
31													
-----OCTOBER-----						-----NOVEMBER-----						-----DECEMBER-----	
1						1 2 3 4 5						1 2 3	
8	4	5	6	7	8	9	8	9	10	11	12	13	14
10	11	12	13	14	15	16	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28	29	26 25 24 23 22 21				
31													
31													

Year 14													
S	M	Tu	W	Th	F	S	S	M	Tu	W	Th	F	S
JANUARY						FEBRUARY						MARCH	
1						1 2 3 4 5						1 2 3	
8	9	4	5	6	7	8	9	7	8	9	10	11	12
10	11	12	13	14	15	16	17	18	19	20	21	22	23
16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71
APRIL						MAY						JUNE	
1						1 2 3 4 5 6						1 2 3	
8	9	4	5	6	7	8	9	7	8	9	10	11	12
10	11	12	13	14	15	16	17	18	19	20	21	22	23
16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71
JULY						AUGUST						SEPTEMBER	
1						1 2 3 4 5						1 2	
8	9	4	5	6	7	8	9	7	8	9	10	11	12
10	11	12	13	14	15	16	17	18	19	20	21	22	23
16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71
OCTOBER						NOVEMBER						DECEMBER	
1 2 3 4 5 6 7						1 2 3 4						1 2 3	
8	9	10	11	12	13	14	15	16	17	18	19	20	21
16	17	18	19	20	21	22	23	24	25	26	27	28	29
30	31	32	33	34	35	36	37	38	39	40	41	42	43
44	45	46	47	48	49	50	51	52	53	54	55	56	57
58	59	60	61	62	63	64	65	66	67	68	69	70	71