

LESSON 6

Krushna's Ayanamsa Table

There are two systems of calculating the longitude of the planets, the Tropical Zodiac (Sayana) and the Sidereal Zodiac (Nirayana). The longitudinal differences between these two systems is known as the **ayanamsa**.

We use the Sidereal system, so the correct value on the ayanamsa is very important. The longitudes of the planets are dependent upon the ayanamsa as it will effect not only the longitude of the Ascendant, but the 16 divisional charts as well. The Vimshottari Dasha is calculated from the Moon's longitudes and one second of difference may result in 1 to 3.6 hours difference in the dasha period, so a difference of one minute will be equal to 2.5 days to 9 days.

Different scientists and astrologers are of different opinions about this "overlapping" of both zodiacs. Both of them actually overlapped in 285AD, but since then, the accumulated 'out of alignment' difference between these two zodiacs has widened throughout the years to 23-24 degrees and is known as the "*precession of the equinox*". Due to this precession, it moves at a rate of about one degree every 72 years. Thus, the starting point when the two zodiacs last coincided, has been given anywhere from 388 B.C to 498 A.D. The values can range anywhere from 46.3 seconds to 59.9 seconds per year.

I have chosen the starting date that both zodiacs coincided last, as 24th Feb 366 A.D.

In the year 1900, Krushna's Ayanamsa is 21:33:23. The yearly speed of precession from 1900 to 2000 is 50.96. From the year 2001 to 2100, the yearly rate of precession is 51 seconds.

This will give the most satisfactory value of Krushna's Ayanamsa.

USING THE FORMULA CHART:

In the following example on the next page, you will be able to calculate manually how to come to the proper ayanamsa value for whatever day you were born by following the template given in the formula chart, using March 12, 1949, below, as an example.

By checking the table "HOW TO FIND THE NUMBER DAY OF THE YEAR", you can see that March 12th is day 71 from January 1st.

Over a period of one year or 365.25 days, the total precession is 00:00:51 or 51 seconds. Therefore 365.25 is the equivalent of 51 seconds and 71 is equivalent to how many seconds have gone by so far. The math now becomes: $71 / 365.25 * 51$ seconds = 9.913758 seconds. Round this off to 10 seconds and add those 10 seconds to the ayanamsa value for the year 1949 that can be found in Krishna's Ayanamsa Table on the next page. (see the Formula Chart below).

FORMULA CHART TO USE AS A TEMPLATE

	FORMULA		EXAMPLE
	Ayanamsha for the date of (choose date)	=	March 12, 1949
=	Ayanamsha for the year given in table	=	22:14:59
+	Amount of days from January 1st	+	71
÷	365.25	÷	365.25
X	50.96	x	50.96 (1900-2000) (51 sec from 2001 – 2100)
=	Total	=	9.90 (round off to 10 secs) +22:14:59 = 22:15:09

The total value in **BOLD** lettering will be in seconds, so addition should also be in seconds. The final ayanamsa for the date of March 12, 1949 is **22:15:09**

The precession for the year 1900 to 2000 may be taken as 50.96

For years 2000 to 2100, it is 51.00

For years 2100 to 2200, it is 51.05

For years 2200 to 2300, it is 51.08

For years 2300 to 2400, it is 51.14

Actually, the increase is approximately 0.044 seconds over a span of 100 years, so per year, it is increasing by a value of 0.00044 seconds per year.

On the next page, I will give my Ayanamsa Table. It starts off with the year 366AD (Feb 24th), then reverts to Jan 1st for all the other longitudes. Starting from the year 1919, it will give every consecutive year thereafter up until the year of 2100. From the years 2200-2500, it lists the ayanamsa in 100 year intervals. (marked in RED in table).

KRUSHNA'S AYANAMSHA TABLE

YEAR	KAY	YEAR	KAY	YEAR	KAY	YEAR	KAY	YEAR	KAY
366AD	00:00:00	1944	22:10:44	1986	22:46:25	2028	23:22:06	2070	23:57:48
400AD	00:28:34	1945	22:11:35	1987	22:47:16	2029	23:22:57	2071	23:58:39
500AD	01:52:13	1946	22:12:26	1988	22:48:07	2030	23:23:48	2072	23:59:30
600AD	03:16:06	1947	22:13:17	1989	22:48:58	2031	23:24:39	2073	24:00:21
700AD	04:40:04	1948	22:14:08	1990	22:49:49	2032	23:25:30	2074	24:01:12
800AD	06:04:07	1949	22:14:59	1991	22:50:40	2033	23:26:21	2075	24:02:03
900AD	07:28:13	1950	22:15:50	1992	22:51:31	2034	23:27:12	2076	24:02:54
1000	08:52:24	1951	22:16:41	1993	22:52:22	2035	23:28:03	2077	24:03:45
1100	10:15:40	1952	22:17:32	1994	22:53:13	2036	23:28:54	2078	24:04:36
1200	11:41:00	1953	22:18:23	1995	22:54:04	2037	23:29:45	2079	24:05:27
1300	13:05:25	1954	22:19:14	1996	22:54:55	2038	23:30:36	2080	24:06:18
1400	14:29:53	1955	22:20:05	1997	22:55:46	2039	23:31:27	2081	24:07:09
1500	15:54:27	1956	22:20:56	1998	22:56:37	2040	23:32:18	2082	24:08:00
1600	17:19:03	1957	22:21:47	1999	22:57:28	2041	23:33:09	2083	24:08:51
1700	18:43:45	1958	22:22:38	2000	22:58:18	2042	23:34:00	2084	24:09:42
1800	20:08:32	1959	22:23:29	2001	22:59:09	2043	23:34:51	2085	24:10:33
1900	21:33:23	1960	22:24:20	2002	23:00:00	2044	23:35:42	2086	24:11:24
1919	21:49:31	1961	22:25:11	2003	23:00:51	2045	23:36:33	2087	24:12:15
1920	21:50:22	1962	22:26:02	2004	23:01:42	2046	23:37:24	2088	24:13:06
1921	21:51:13	1963	22:26:53	2005	23:02:33	2047	23:38:15	2089	24:13:57
1922	21:52:04	1964	22:27:44	2006	23:03:24	2048	23:39:06	2090	24:14:48
1923	21:52:54	1965	22:28:35	2007	23:04:15	2049	23:39:57	2091	24:15:39
1924	21:53:45	1966	22:29:26	2008	23:05:06	2050	23:40:48	2092	24:16:30
1925	21:54:36	1967	22:30:17	2009	23:05:57	2051	23:41:39	2093	24:17:21
1926	21:55:27	1968	22:31:08	2010	23:06:48	2052	23:42:30	2094	24:18:12
1927	21:56:18	1969	22:31:59	2011	23:07:39	2053	23:43:21	2095	24:19:03
1928	21:57:09	1970	22:32:49	2012	23:08:30	2054	23:44:12	2096	24:19:54
1929	21:58:00	1971	22:33:40	2013	23:09:21	2055	23:45:03	2097	24:20:45
1930	21:58:51	1972	22:34:31	2014	23:10:12	2056	23:45:54	2098	24:21:36
1931	21:59:42	1973	22:35:22	2015	23:11:03	2057	23:46:45	2099	24:22:27
1932	22:00:33	1974	22:36:13	2016	23:11:54	2058	23:47:36	2100	24:23:18
1933	22:01:24	1975	22:37:04	2017	23:12:45	2059	23:48:27	2200	25:48:23
1934	22:02:15	1976	22:37:55	2018	23:13:36	2060	23:49:18	2300	27:13:31
1935	22:03:06	1977	22:38:46	2019	23:14:27	2061	23:50:09	2400	28:38:45
1936	22:03:57	1978	22:39:37	2020	23:15:18	2062	23:51:00	2500	30:04:02
1937	22:04:48	1979	22:40:28	2021	23:16:09	2063	23:51:51		
1938	22:05:39	1980	22:41:19	2022	23:17:00	2064	23:52:42		
1939	22:06:30	1981	22:42:10	2023	23:17:51	2065	23:53:33		
1940	22:07:21	1982	22:43:01	2024	23:18:42	2066	23:54:24		
1941	22:08:12	1983	22:43:52	2025	23:19:33	2067	23:55:15		
1942	22:09:03	1984	22:44:43	2026	23:20:24	2068	23:56:06		
1943	22:09:53	1985	22:45:34	2027	23:21:15	2069	23:56:57		

