

### Meridian Transit Periods of Sirius (Spring to Fall), 1994 to 2006

Year	Month	Day	Date	Hours	Mins.	Secs.	Time	Homann's Calcs.	Excel Calcs	Comments
1994	4	6	4/6/1994	21	11	50	21:11:50.00		45992.000	t1 = total accum time diff.
1994	10	18	10/18/1994	8	25	18	8:25:18.00		195.000	n = number of Sirius Transits
									46002.345	t2 = n * -235.90946
								-10.34	-10.345	t3 = t1-t2
1995	4	6	4/6/1995	21	12	48	21:12:48.00		46228.500	t1 = total accum time diff.
1995	10	19	10/19/1995	8	22	19.5	8:22:19.50		196.000	n = number of Sirius Transits
									46238.255	t2 = n * -235.90946
								-9.75	-9.755	t3 = t1-t2
1996	4	14	4/14/1996	20	38	19	20:38:19.00		45994.000	t1 = total accum time diff.
1996	10	26	10/26/1996	7	51	45	7:51:45.00		195.000	n = number of Sirius Transits
									46002.345	t2 = n * -235.90946
								-8.34	-8.345	t3 = t1-t2
1997	4	22	4/22/1997	20	7	51	20:7:51.00		52599.500	t1 = total accum time diff.
1997	12	1	12/1/1997	5	31	11.5	5:31:11.50		223.000	n = number of Sirius Transits
									52607.810	t2 = n * -235.90946
								-8.31	-8.310	t3 = t1-t2
1998	4	5	4/5/1998	21	15	37	21:15:37.00		47172.000	t1 = total accum time diff.
1998	10	22	10/22/1998	8	9	25	8:9:25.00		200.000	n = number of Sirius Transits
									47181.892	t2 = n * -235.90946
								-9.89	-9.892	t3 = t1-t2
1999	4	5	4/5/1999	21	16	36.5	21:16:36.50		46464.500	t1 = total accum time diff.
1999	10	19	10/19/1999	8	22	12	8:22:12.00		197.000	n = number of Sirius Transits
									46474.164	t2 = n * -235.90946
								-9.66	-9.664	t3 = t1-t2
2000	4	5	4/5/2000	21	13	41	21:13:41.00		49298.000	t1 = total accum time diff.
2000	10	31	10/31/2000	7	32	3	7:32:3.00		209.000	n = number of Sirius Transits
									49305.078	t2 = n * -235.90946
								-7.08	-7.078	t3 = t1-t2
2001	4	9	4/9/2001	20	58	59	20:58:59.00		44580.000	t1 = total accum time diff.
2001	10	15	10/15/2001	8	35	59	8:35:59.00		189.000	n = number of Sirius Transits
									44586.888	t2 = n * -235.90946
								-6.89	-6.888	t3 = t1-t2
2002	4	10	4/10/2002	20	55	8	20:55:8.00		43401.000	t1 = total accum time diff.
2002	10	11	10/11/2002	8	51	47	8:51:47.00		184.000	n = number of Sirius Transits
									43407.341	t2 = n * -235.90946
								-6.34	-6.341	t3 = t1-t2
2003	4	6	4/6/2003	21	11	55	21:11:55.00		45292.000	t1 = total accum time diff.
2003	10	15	10/15/2003	8	37	3	8:37:3.00		192.000	n = number of Sirius Transits
									45294.617	t2 = n * -235.90946
								-2.62	-2.617	t3 = t1-t2
2004	4	9	4/9/2004	20	57	8	20:57:8.00		46933.000	t1 = total accum time diff.
2004	10	25	10/25/2004	7	54	55	7:54:55.00		199.000	n = number of Sirius Transits
									46945.983	t2 = n * -235.90946
								-12.98	-12.983	t3 = t1-t2
2005	4	10	4/10/2005	20	54	15	20:54:15.00		43401.000	t1 = total accum time diff.
2005	10	11	10/11/2005	8	50	54	8:50:54.00		184.000	n = number of Sirius Transits
									43407.341	t2 = n * -235.90946
								-6.34	-6.341	t3 = t1-t2
2006	4	23	4/23/2006	20	6	5	20:6:5.00		59439.000	t1 = total accum time diff.
2006	12	31	12/31/2006	3	35	26	3:35:26.00		252.000	n = number of Sirius Transits
									59449.184	t2 = n * -235.90946
								-10.18	-10.184	t3 = t1-t2