

Transit of Mercury over the Sun, relative to the Earth's centre,
May 1832, beginning 5th day, 4h. 49m. morning.

	Apparent Time.	Mean solar Time.	Sidereal Time.	Distance of Centres.
	H. M. S.	H. M. S.	H. M. S.	
Ingress. { External	4 40 1	4 45 32	7 38 27.9	15 58.24
Central	4 50 41	4 47 12	7 40 8.3	15 52.44
Internal	4 52 21	4 48 53	7 41 48.8	15 46.64
Conjunction in Long.	7 53 16	7 49 46	10 43 12.6	(S) 8 9.0 N.
Nearest Approach	8 15 3	8 11 34	11 8 3.2	(S) 8 1.0 N.
Egress. { Internal	11 37 40	11 34 10	2 28 12.6	15 46.57
Central	11 39 20	11 35 50	2 29 53	15 52.55
External	11 41 0	11 37 30	2 31 33.4	15 58.19

At $\odot$ longitude of $\odot$ and $\odot$ 1 S. 14° 57' 13".9; hourly longitude of $\odot$
from the $\odot$ * 3' 57".5, hourly latitude of $\odot$ -0' 43".2; and Distance
of $\odot$ from the $\odot$ 0.5582.

Elements for calculating the effect of Parallax.

	of Mercury's	Auxiliary Angles.	Logar. for Parallax.
	in R. A. N. P. D.	Part I. Part II	Part I. Part II
	in time. (PA.)	(PAC.) (PAD.)	(PAC.) (PAD.)
	H. M. S.	O. S. S. O.	— — — —
Exter. 2 50	2,073 28 32	147 32 1	117 24 2 07290 9 7647
Con. 2 50	2,473 28 34	147 44 0	117 24 2 07280 9 7701
Inter. 2 50	2,373 28 30	147 56 41	117 24 2 08071 9 7755
	(PR.)	(PAC.)	(PAD.)
Inter. 2 49	2,073 36 19	93 4 56	62 34 2 08157 9 7768
Con. 2 49	2,073 36 21	99 52 35	62 34 2 08040 9 7714
Exter. 2 48	2,073 36 23	92 40 24	62 33 2 07950 9 7660

Eclipses in the year 1832.

The first of the Sun February 1st 6h. 1m. afternoon, invisible at Halifax.
 $\odot$ at 6h. 1m. in Long. 10 S. 12° 81".5 N., Lat. 1° 55' N. $\odot$ will be
centrally eclipsed on the Meridian at 10h. 17m. in Long. 154° 14' W.
and in Lat. 15° 14' S. The second of the Sun, July 27th, beginning 7h.
49m. morning. Greatest obscuration 8h. 37m. End 9h. 31m. Digits eclipsed
4; on the Sun's southern Limb.

CHRONOLOGICAL CYCLES.

Dominical Letter, AG. Lunar Cycle or Golden Number 9
Epoct, 28. Solar Cycle 21. Roman Indiction, 5. Julian
Period, 6545.

EMBER DAYS.

March 14, 16, and 17. June 13, 15, and 16. September
19, 31, and 22. December 19, 21, and 22.

MOVEABLE FEASTS.

Septuagesima Sunday, February 19. Quinquagesima Sunday, March
4. Ash Wednesday, or 1st day of Lent, March 7. Mid. Lent Sunday,
April 1st. Palm Sunday, April 15. Easter Day, April 22. Low Sunday,
April 29. Rogation Sunday, May 27. Ascension Day, or Holy Thursday,
May 31. Whit Sunday, June 10. Trinity Sunday, June 17. Advent Sun-
day, December 2.

Venus will be a morning Star to the 27th of July, from that time to the
end of the year an evening Star,