

TABLE 1. LOCAL MEAN TIME OF SUNRISE A

	Lat. 29° S.				Lat. 30° S.				Lat. 31° S.				Lat. 32° S.				Lat. 33° S.				
	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Ris
Jan. 1st	0503	27	1902	5	0501	27	1904	5	0458	28	1907	6	0456	28	1909	6	0453	29	1912	7	0450
Feb. 1st	0530	21	1857	24	0528	22	1859	25	0526	23	1901	26	0524	24	1903	27	0522	26	1905	28	0520
Mar. 1st	0551	19	1833	36	0550	20	1834	37	0549	21	1835	38	0548	23	1836	39	0548	23	1837	41	0546
Apr. 1st	0610	17	1757	31	0610	18	1757	32	0610	19	1757	33	0611	20	1757	34	0611	21	1756	34	0610
May 1st	0627	18	1726	17	0628	19	1725	17	0629	20	1724	18	0631	21	1723	20	0632	22	1722	21	0631
June 1st	0645	10	1709	4	0647	10	1708	3	0649	10	1706	3	0652	10	1703	3	0654	10	1701	3	0653
July 1st	0655	11	1713	16	0657	11	1711	16	0659	11	1709	16	0702	12	1706	17	0704	13	1704	18	0703
Aug. 1st	0644	28	1729	15	0646	30	1727	17	0648	31	1725	18	0650	32	1723	19	0651	32	1722	19	0650
Sept. 1st	0616	35	1744	17	0616	35	1744	17	0617	36	1743	18	0618	38	1742	19	0619	39	1741	21	0618
Oct. 1st	0541	34	1801	19	0541	35	1801	20	0541	36	1801	21	0540	37	1801	23	0540	38	1802	23	0540
Nov. 1st	0507	13	1820	25	0506	14	1821	26	0505	15	1822	27	0503	16	1824	28	0502	17	1825	29	0502
Dec. 1st	0454	9	1845	17	0452	9	1847	17	0450	8	1849	18	0447	9	1852	17	0445	8	1854	18	0445

TABLE 2. CORRECTION FOR LONGITUDE—Local Mean Time  
(to be applied to the figure obtained from

Longitude ..	141° E.	142° E.	143° E.	144° E.	145° E.	146° E.	147° E.	148° E.
Correction.. ..	+36	+32	+28	+24	+20	+16	+12	+8

15' = 1 Minute.      45' = 3 Minutes.  
30' = 2 Minutes.      60' = 4 minutes.

**I. LOCAL MEAN TIME OF SUNRISE AND SUNSET.**

Lat. 32° S.				Lat. 33° S.				Lat. 34° S.				Lat. 35° S.				Lat. 36° S.				Lat. 37° S.			
Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D	Rise	D	Set	D
0456	28	1909	6	0453	29	1912	7	0451	30	1914	8	0448	31	1917	9	0445	32	1920	10	0442	33	1923	11
0524	24	1903	27	0522	26	1905	28	0521	26	1906	28	0519	27	1908	29	0517	28	1910	30	0515	29	1912	31
0548	23	1836	39	0548	23	1837	41	0547	25	1838	43	0546	27	1839	44	0545	27	1840	45	0544	29	1841	46
0611	20	1757	34	0611	21	1756	34	0612	22	1755	35	0613	22	1755	37	0612	24	1755	38	0613	25	1754	39
0631	21	1723	20	0632	22	1722	21	0634	23	1720	22	0635	24	1718	22	0636	25	1717	23	0638	26	1715	24
0652	10	1703	3	0654	10	1701	3	0657	10	1658	3	0659	10	1656	3	0701	11	1654	2	0704	11	1651	2
0702	12	1706	17	0704	13	1704	18	0707	14	1701	19	0709	14	1659	19	0712	15	1656	20	0715	16	1653	21
0650	32	1723	19	0651	32	1722	19	0653	33	1720	21	0655	34	1718	22	0657	35	1716	23	0659	36	1714	24
0618	38	1742	19	0619	39	1741	21	0620	41	1741	21	0621	42	1740	22	0622	43	1739	23	0623	45	1738	25
0540	37	1801	23	0540	38	1802	23	0539	39	1802	25	0539	40	1802	27	0539	42	1802	29	0538	43	1803	30
0503	16	1824	28	0502	17	1825	29	0500	18	1827	30	0459	19	1829	30	0457	20	1831	31	0455	21	1833	32
0447	9	1852	17	0445	8	1854	18	0442	9	1857	17	0440	8	1859	18	0437	8	1902	18	0434	8	1905	18

**ADJUSTMENT FOR LONGITUDE—Local Mean Time to Eastern Standard Time.**  
 (to be applied to the figure obtained from Table 1).

144° E.	145° E.	146° E.	147° E.	148° E.	149° E.	150° E.	151° E.	151° E.	152° E.
+24	+20	+16	+12	+8	+4	—	-4	-8	-12

15' = 1 Minute.      45' = 3 Minutes.  
 30' = 2 Minutes.    60' = 4 minutes.