

**Fort Campbell, KY (KHOP)**

**TAWS Product** UNCLASSIFIED  
**Location** 36° 40' 00" N  
 87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Jan-24	0601	0702	1645	1746	2213	1040	76, 68
2-Jan-24	0601	0702	1645	1746	2310	1102	68, 59
3-Jan-24	0602	0703	1646	1747	No Event	1123	59, 49
4-Jan-24	0602	0703	1647	1748	0007	1146	49, 40
5-Jan-24	0602	0703	1648	1749	0106	1210	40, 30
6-Jan-24	0602	0703	1649	1750	0208	1238	30, 21
7-Jan-24	0602	0703	1650	1750	0314	1312	21, 13
8-Jan-24	0602	0703	1651	1751	0422	1355	13, 7
9-Jan-24	0602	0703	1652	1752	0531	1448	7, 2
10-Jan-24	0602	0703	1652	1753	0636	1552	2, 0
11-Jan-24	0602	0702	1653	1754	0734	1705	0, 1
12-Jan-24	0602	0702	1654	1755	0822	1822	1, 5
13-Jan-24	0602	0702	1655	1756	0901	1939	5, 11
14-Jan-24	0602	0702	1656	1756	0934	2053	11, 19
15-Jan-24	0602	0702	1657	1757	1003	2205	19, 29
16-Jan-24	0601	0701	1658	1758	1030	2314	29, 40
17-Jan-24	0601	0701	1659	1759	1057	No Event	40, 51
18-Jan-24	0601	0701	1700	1800	1126	0023	51, 62
19-Jan-24	0601	0700	1701	1801	1157	0132	62, 72
20-Jan-24	0600	0700	1702	1802	1233	0240	72, 81
21-Jan-24	0600	0659	1704	1803	1316	0347	81, 88
22-Jan-24	0600	0659	1705	1804	1406	0451	88, 94
23-Jan-24	0559	0658	1706	1805	1502	0547	94, 98
24-Jan-24	0559	0658	1707	1806	1603	0636	98, 100
25-Jan-24	0558	0657	1708	1807	1705	0716	100, 100
26-Jan-24	0558	0656	1709	1808	1806	0750	100, 98
27-Jan-24	0557	0656	1710	1809	1906	0818	98, 94
28-Jan-24	0557	0655	1711	1810	2004	0843	94, 89
29-Jan-24	0556	0654	1712	1811	2101	0905	89, 83
30-Jan-24	0555	0654	1713	1812	2158	0926	83, 75
31-Jan-24	0555	0653	1714	1812	2255	0948	75, 67

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Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Feb-24	0554	0652	1715	1813	2355	1011	67, 57
2-Feb-24	0553	0651	1716	1814	No Event	1037	57, 47
3-Feb-24	0553	0651	1717	1815	0057	1107	47, 37
4-Feb-24	0552	0650	1718	1816	0203	1144	37, 28
5-Feb-24	0551	0649	1720	1817	0310	1231	28, 18
6-Feb-24	0550	0648	1721	1818	0416	1328	18, 10
7-Feb-24	0549	0647	1722	1819	0517	1437	10, 4
8-Feb-24	0549	0646	1723	1820	0609	1553	4, 1
9-Feb-24	0548	0645	1724	1821	0653	1711	1, 0
10-Feb-24	0547	0644	1725	1822	0730	1829	0, 3
11-Feb-24	0546	0643	1726	1823	0801	1945	3, 8
12-Feb-24	0545	0642	1727	1824	0830	2058	8, 15
13-Feb-24	0544	0641	1728	1825	0858	2210	15, 25
14-Feb-24	0543	0640	1729	1826	0926	2321	25, 35
15-Feb-24	0542	0639	1730	1827	0958	No Event	35, 46
16-Feb-24	0541	0637	1731	1828	1033	0032	46, 57
17-Feb-24	0540	0636	1732	1829	1114	0141	57, 67
18-Feb-24	0539	0635	1733	1830	1202	0245	67, 76
19-Feb-24	0537	0634	1734	1831	1256	0344	76, 84
20-Feb-24	0536	0633	1735	1832	1355	0434	84, 90
21-Feb-24	0535	0632	1736	1833	1457	0517	90, 95
22-Feb-24	0534	0630	1737	1834	1558	0552	95, 98
23-Feb-24	0533	0629	1738	1834	1658	0621	98, 100
24-Feb-24	0532	0628	1739	1835	1757	0647	100, 99
25-Feb-24	0530	0626	1740	1836	1854	0710	99, 97
26-Feb-24	0529	0625	1741	1837	1951	0731	97, 94
27-Feb-24	0528	0624	1742	1838	2048	0752	94, 88
28-Feb-24	0527	0623	1743	1839	2147	0815	88, 81
29-Feb-24	0525	0621	1744	1840	2247	0839	81, 73

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Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Mar-24	0524	0620	1745	1841	2351	0907	73, 64
2-Mar-24	0523	0618	1746	1842	No Event	0940	64, 54
3-Mar-24	0521	0617	1747	1843	0056	1021	54, 44
4-Mar-24	0520	0616	1748	1844	0200	1112	44, 33
5-Mar-24	0519	0614	1749	1845	0302	1214	33, 23
6-Mar-24	0517	0613	1750	1846	0356	1324	23, 14
7-Mar-24	0516	0612	1751	1846	0443	1441	14, 7
8-Mar-24	0514	0610	1752	1847	0522	1559	7, 2
9-Mar-24	0513	0609	1752	1848	0556	1716	2, 0
10-Mar-24	0612	0707	1853	1949	0726	1931	0, 1
11-Mar-24	0610	0706	1854	1950	0755	2046	1, 5
12-Mar-24	0609	0704	1855	1951	0824	2200	5, 12
13-Mar-24	0607	0703	1856	1952	0855	2314	12, 20
14-Mar-24	0606	0702	1857	1953	0929	No Event	20, 30
15-Mar-24	0604	0700	1858	1954	1009	0027	30, 40
16-Mar-24	0603	0659	1859	1955	1056	0136	40, 50
17-Mar-24	0601	0657	1900	1956	1149	0238	50, 61
18-Mar-24	0600	0656	1901	1957	1248	0332	61, 70
19-Mar-24	0558	0654	1901	1957	1349	0417	70, 78
20-Mar-24	0557	0653	1902	1958	1451	0454	78, 86
21-Mar-24	0555	0651	1903	1959	1551	0525	86, 92
22-Mar-24	0554	0650	1904	2000	1650	0551	92, 96
23-Mar-24	0552	0648	1905	2001	1748	0615	96, 99
24-Mar-24	0551	0647	1906	2002	1845	0637	99, 100
25-Mar-24	0549	0645	1907	2003	1942	0658	100, 99
26-Mar-24	0548	0644	1908	2004	2040	0720	99, 97
27-Mar-24	0546	0642	1908	2005	2140	0743	97, 92
28-Mar-24	0545	0641	1909	2006	2243	0810	92, 86
29-Mar-24	0543	0639	1910	2007	2347	0841	86, 79
30-Mar-24	0541	0638	1911	2008	No Event	0919	79, 70
31-Mar-24	0540	0637	1912	2009	0052	1006	70, 60

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1-Apr-24	0538	0635	1913	2010	0153	1102	60, 49
2-Apr-24	0537	0634	1914	2011	0249	1207	49, 38
3-Apr-24	0535	0632	1914	2012	0337	1319	38, 28
4-Apr-24	0534	0631	1915	2013	0417	1433	28, 18
5-Apr-24	0532	0629	1916	2014	0452	1548	18, 10
6-Apr-24	0531	0628	1917	2015	0523	1703	10, 4
7-Apr-24	0529	0626	1918	2015	0551	1818	4, 0
8-Apr-24	0528	0625	1919	2016	0620	1932	0, 0
9-Apr-24	0526	0624	1920	2017	0650	2048	0, 3
10-Apr-24	0524	0622	1921	2018	0723	2203	3, 8
11-Apr-24	0523	0621	1921	2019	0801	2317	8, 16
12-Apr-24	0521	0619	1922	2021	0846	No Event	16, 25
13-Apr-24	0520	0618	1923	2022	0939	0025	25, 34
14-Apr-24	0518	0617	1924	2023	1037	0124	34, 44
15-Apr-24	0517	0615	1925	2024	1139	0214	44, 54
16-Apr-24	0515	0614	1926	2025	1242	0254	54, 64
17-Apr-24	0514	0613	1927	2026	1343	0327	64, 73
18-Apr-24	0512	0611	1928	2027	1443	0355	73, 81
19-Apr-24	0511	0610	1928	2028	1541	0420	81, 87
20-Apr-24	0510	0609	1929	2029	1638	0442	87, 93
21-Apr-24	0508	0608	1930	2030	1735	0503	93, 97
22-Apr-24	0507	0606	1931	2031	1833	0525	97, 99
23-Apr-24	0505	0605	1932	2032	1933	0547	99, 100
24-Apr-24	0504	0604	1933	2033	2035	0613	100, 99
25-Apr-24	0502	0603	1934	2034	2139	0643	99, 95
26-Apr-24	0501	0601	1935	2035	2244	0719	95, 90
27-Apr-24	0500	0600	1935	2036	2347	0803	90, 83
28-Apr-24	0458	0559	1936	2037	No Event	0856	83, 74
29-Apr-24	0457	0558	1937	2038	0044	0958	74, 64
30-Apr-24	0456	0557	1938	2039	0134	1107	64, 53

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1-May-24	0454	0556	1939	2040	0216	1219	53, 42
2-May-24	0453	0555	1940	2042	0251	1331	42, 31
3-May-24	0452	0554	1941	2043	0322	1444	31, 21
4-May-24	0451	0552	1942	2044	0351	1555	21, 12
5-May-24	0449	0551	1942	2045	0418	1708	12, 5
6-May-24	0448	0550	1943	2046	0446	1821	5, 1
7-May-24	0447	0549	1944	2047	0517	1937	1, 0
8-May-24	0446	0548	1945	2048	0553	2052	0, 2
9-May-24	0445	0548	1946	2049	0635	2204	2, 6
10-May-24	0443	0547	1947	2050	0725	2309	6, 12
11-May-24	0442	0546	1948	2051	0822	No Event	12, 20
12-May-24	0441	0545	1948	2052	0924	0004	20, 28
13-May-24	0440	0544	1949	2053	1028	0050	28, 38
14-May-24	0439	0543	1950	2054	1132	0126	38, 47
15-May-24	0438	0542	1951	2055	1233	0157	47, 57
16-May-24	0437	0542	1952	2056	1331	0222	57, 66
17-May-24	0436	0541	1953	2057	1429	0245	66, 75
18-May-24	0435	0540	1953	2058	1525	0307	75, 83
19-May-24	0434	0539	1954	2059	1623	0328	83, 89
20-May-24	0433	0539	1955	2100	1722	0351	89, 94
21-May-24	0433	0538	1956	2101	1824	0415	94, 98
22-May-24	0432	0537	1957	2102	1928	0444	98, 100
23-May-24	0431	0537	1957	2103	2034	0518	100, 99
24-May-24	0430	0536	1958	2104	2139	0600	99, 97
25-May-24	0429	0536	1959	2105	2239	0651	97, 92
26-May-24	0429	0535	1959	2106	2332	0751	92, 86
27-May-24	0428	0535	2000	2107	No Event	0859	86, 77
28-May-24	0427	0534	2001	2108	0016	1010	77, 67
29-May-24	0427	0534	2002	2109	0053	1122	67, 56
30-May-24	0426	0533	2002	2109	0125	1233	56, 44
31-May-24	0426	0533	2003	2110	0153	1343	44, 33

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1-Jun-24	0425	0533	2004	2111	0220	1453	33, 23
2-Jun-24	0425	0532	2004	2112	0247	1604	23, 14
3-Jun-24	0424	0532	2005	2113	0316	1716	14, 7
4-Jun-24	0424	0532	2005	2113	0348	1830	7, 2
5-Jun-24	0424	0532	2006	2114	0427	1943	2, 0
6-Jun-24	0423	0531	2006	2115	0513	2051	0, 1
7-Jun-24	0423	0531	2007	2115	0607	2151	1, 4
8-Jun-24	0423	0531	2008	2116	0708	2242	4, 8
9-Jun-24	0423	0531	2008	2116	0812	2323	8, 15
10-Jun-24	0422	0531	2009	2117	0917	2356	15, 23
11-Jun-24	0422	0531	2009	2118	1020	No Event	23, 31
12-Jun-24	0422	0531	2009	2118	1120	0023	31, 41
13-Jun-24	0422	0531	2010	2119	1218	0048	41, 50
14-Jun-24	0422	0531	2010	2119	1315	0110	50, 59
15-Jun-24	0422	0531	2011	2119	1412	0131	59, 69
16-Jun-24	0422	0531	2011	2120	1510	0153	69, 77
17-Jun-24	0422	0531	2011	2120	1611	0216	77, 85
18-Jun-24	0422	0531	2011	2120	1714	0243	85, 91
19-Jun-24	0423	0531	2012	2121	1819	0315	91, 96
20-Jun-24	0423	0532	2012	2121	1926	0354	96, 99
21-Jun-24	0423	0532	2012	2121	2029	0442	99, 100
22-Jun-24	0423	0532	2012	2121	2125	0540	100, 98
23-Jun-24	0423	0532	2012	2121	2213	0647	98, 94
24-Jun-24	0424	0533	2013	2121	2254	0759	94, 88
25-Jun-24	0424	0533	2013	2121	2327	0912	88, 79
26-Jun-24	0424	0533	2013	2121	2357	1025	79, 69
27-Jun-24	0425	0534	2013	2121	No Event	1135	69, 58
28-Jun-24	0425	0534	2013	2121	0024	1245	58, 47
29-Jun-24	0426	0534	2013	2121	0050	1354	47, 35
30-Jun-24	0426	0535	2013	2121	0118	1505	35, 25

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1-Jul-24	0427	0535	2013	2121	0148	1616	25, 16
2-Jul-24	0427	0536	2012	2121	0224	1728	16, 9
3-Jul-24	0428	0536	2012	2120	0306	1837	9, 4
4-Jul-24	0429	0537	2012	2120	0356	1940	4, 1
5-Jul-24	0429	0537	2012	2120	0454	2033	1, 0
6-Jul-24	0430	0538	2012	2119	0557	2118	0, 2
7-Jul-24	0431	0538	2011	2119	0702	2154	2, 5
8-Jul-24	0431	0539	2011	2119	0806	2224	5, 11
9-Jul-24	0432	0540	2011	2118	0908	2249	11, 17
10-Jul-24	0433	0540	2010	2118	1007	2312	17, 25
11-Jul-24	0434	0541	2010	2117	1105	2334	25, 34
12-Jul-24	0434	0542	2010	2117	1201	2355	34, 43
13-Jul-24	0435	0542	2009	2116	1259	No Event	43, 53
14-Jul-24	0436	0543	2009	2115	1357	0017	53, 62
15-Jul-24	0437	0544	2008	2115	1459	0042	62, 71
16-Jul-24	0438	0544	2008	2114	1603	0111	71, 80
17-Jul-24	0439	0545	2007	2113	1708	0147	80, 88
18-Jul-24	0440	0546	2007	2112	1813	0230	88, 94
19-Jul-24	0441	0546	2006	2112	1913	0324	94, 98
20-Jul-24	0441	0547	2005	2111	2005	0428	98, 100
21-Jul-24	0442	0548	2005	2110	2050	0540	100, 99
22-Jul-24	0443	0549	2004	2109	2126	0655	99, 96
23-Jul-24	0444	0549	2003	2108	2158	0810	96, 90
24-Jul-24	0445	0550	2003	2107	2226	0924	90, 81
25-Jul-24	0446	0551	2002	2106	2253	1035	81, 71
26-Jul-24	0447	0552	2001	2105	2321	1146	71, 60
27-Jul-24	0448	0552	2000	2104	2350	1257	60, 49
28-Jul-24	0449	0553	1959	2103	No Event	1408	49, 38
29-Jul-24	0450	0554	1958	2102	0024	1519	38, 28
30-Jul-24	0451	0555	1958	2101	0103	1628	28, 19
31-Jul-24	0452	0556	1957	2100	0150	1732	19, 11

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1-Aug-24	0453	0556	1956	2059	0245	1828	11, 5
2-Aug-24	0454	0557	1955	2058	0346	1915	5, 2
3-Aug-24	0455	0558	1954	2056	0450	1953	2, 0
4-Aug-24	0456	0559	1953	2055	0554	2025	0, 1
5-Aug-24	0457	0600	1952	2054	0657	2052	1, 3
6-Aug-24	0458	0601	1951	2053	0757	2115	3, 7
7-Aug-24	0459	0601	1950	2051	0855	2137	7, 13
8-Aug-24	0500	0602	1948	2050	0952	2158	13, 20
9-Aug-24	0501	0603	1947	2049	1049	2220	20, 28
10-Aug-24	0502	0604	1946	2047	1147	2243	28, 36
11-Aug-24	0503	0605	1945	2046	1246	2310	36, 46
12-Aug-24	0504	0605	1944	2045	1348	2342	46, 56
13-Aug-24	0505	0606	1943	2043	1452	No Event	56, 66
14-Aug-24	0506	0607	1941	2042	1556	0021	66, 75
15-Aug-24	0507	0608	1940	2041	1658	0109	75, 84
16-Aug-24	0508	0609	1939	2039	1753	0207	84, 91
17-Aug-24	0509	0610	1938	2038	1841	0316	91, 96
18-Aug-24	0510	0610	1936	2036	1921	0430	96, 99
19-Aug-24	0511	0611	1935	2035	1955	0546	99, 100
20-Aug-24	0512	0612	1934	2033	2026	0702	100, 97
21-Aug-24	0513	0613	1933	2032	2054	0817	97, 91
22-Aug-24	0514	0614	1931	2030	2122	0930	91, 84
23-Aug-24	0515	0614	1930	2029	2151	1044	84, 74
24-Aug-24	0516	0615	1929	2027	2224	1157	74, 63
25-Aug-24	0517	0616	1927	2026	2302	1310	63, 52
26-Aug-24	0518	0617	1926	2024	2347	1421	52, 41
27-Aug-24	0519	0618	1924	2023	No Event	1527	41, 31
28-Aug-24	0520	0618	1923	2021	0040	1625	31, 22
29-Aug-24	0521	0619	1922	2020	0139	1714	22, 14
30-Aug-24	0522	0620	1920	2018	0242	1754	14, 8
31-Aug-24	0523	0621	1919	2016	0345	1827	8, 3



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1-Sep-24	0524	0622	1917	2015	0448	1855	3, 1
2-Sep-24	0525	0622	1916	2013	0549	1920	1, 0
3-Sep-24	0526	0623	1914	2012	0648	1942	0, 1
4-Sep-24	0527	0624	1913	2010	0745	2003	1, 4
5-Sep-24	0528	0625	1911	2009	0842	2024	4, 9
6-Sep-24	0528	0626	1910	2007	0939	2047	9, 15
7-Sep-24	0529	0626	1909	2005	1037	2112	15, 22
8-Sep-24	0530	0627	1907	2004	1138	2141	22, 30
9-Sep-24	0531	0628	1906	2002	1240	2216	30, 40
10-Sep-24	0532	0629	1904	2001	1343	2259	40, 50
11-Sep-24	0533	0630	1903	1959	1444	2352	50, 60
12-Sep-24	0534	0630	1901	1958	1541	No Event	60, 70
13-Sep-24	0535	0631	1900	1956	1631	0054	70, 80
14-Sep-24	0536	0632	1858	1954	1714	0204	80, 88
15-Sep-24	0536	0633	1857	1953	1750	0318	88, 95
16-Sep-24	0537	0634	1855	1951	1822	0434	95, 99
17-Sep-24	0538	0634	1854	1950	1851	0550	99, 100
18-Sep-24	0539	0635	1852	1948	1920	0705	100, 98
19-Sep-24	0540	0636	1851	1947	1949	0821	98, 93
20-Sep-24	0541	0637	1849	1945	2021	0937	93, 86
21-Sep-24	0542	0638	1847	1943	2058	1053	86, 77
22-Sep-24	0542	0638	1846	1942	2142	1208	77, 67
23-Sep-24	0543	0639	1844	1940	2233	1318	67, 56
24-Sep-24	0544	0640	1843	1939	2331	1420	56, 46
25-Sep-24	0545	0641	1841	1937	No Event	1513	46, 36
26-Sep-24	0546	0642	1840	1936	0034	1556	36, 26
27-Sep-24	0547	0642	1838	1934	0138	1631	26, 18
28-Sep-24	0547	0643	1837	1933	0241	1700	18, 11
29-Sep-24	0548	0644	1835	1931	0342	1725	11, 6
30-Sep-24	0549	0645	1834	1930	0441	1747	6, 2

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**TAWS Product** UNCLASSIFIED  
**Location** 36° 40' 00" N  
 87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Oct-24	0550	0646	1833	1928	0539	1808	2, 0
2-Oct-24	0551	0647	1831	1927	0635	1829	0, 0
3-Oct-24	0552	0647	1830	1925	0732	1852	0, 2
4-Oct-24	0552	0648	1828	1924	0831	1916	2, 5
5-Oct-24	0553	0649	1827	1922	0930	1943	5, 10
6-Oct-24	0554	0650	1825	1921	1032	2016	10, 17
7-Oct-24	0555	0651	1824	1920	1134	2056	17, 25
8-Oct-24	0556	0652	1822	1918	1235	2144	25, 34
9-Oct-24	0557	0653	1821	1917	1333	2241	34, 44
10-Oct-24	0558	0653	1820	1915	1424	2346	44, 55
11-Oct-24	0558	0654	1818	1914	1508	No Event	55, 65
12-Oct-24	0559	0655	1817	1913	1546	0057	65, 76
13-Oct-24	0600	0656	1815	1911	1618	0209	76, 85
14-Oct-24	0601	0657	1814	1910	1648	0323	85, 92
15-Oct-24	0602	0658	1813	1909	1716	0437	92, 98
16-Oct-24	0603	0659	1811	1908	1745	0551	98, 100
17-Oct-24	0604	0700	1810	1906	1816	0707	100, 99
18-Oct-24	0604	0701	1809	1905	1851	0825	99, 95
19-Oct-24	0605	0702	1808	1904	1933	0943	95, 89
20-Oct-24	0606	0703	1806	1903	2022	1059	89, 81
21-Oct-24	0607	0703	1805	1901	2120	1207	81, 72
22-Oct-24	0608	0704	1804	1900	2223	1306	72, 62
23-Oct-24	0609	0705	1803	1859	2328	1354	62, 51
24-Oct-24	0610	0706	1801	1858	No Event	1432	51, 41
25-Oct-24	0611	0707	1800	1857	0033	1503	41, 32
26-Oct-24	0611	0708	1759	1856	0135	1529	32, 23
27-Oct-24	0612	0709	1758	1855	0235	1552	23, 16
28-Oct-24	0613	0710	1757	1854	0332	1614	16, 10
29-Oct-24	0614	0711	1756	1853	0429	1635	10, 5
30-Oct-24	0615	0712	1755	1852	0526	1657	5, 2
31-Oct-24	0616	0713	1754	1851	0624	1720	2, 0

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**TAWS Product** UNCLASSIFIED  
**Location** 36° 40' 00" N  
 87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Nov-24	0617	0714	1753	1850	0723	1747	0, 1
2-Nov-24	0618	0715	1752	1849	0825	1818	1, 3
3-Nov-24	0519	0616	1651	1748	0827	1756	3, 7
4-Nov-24	0520	0617	1650	1747	0929	1841	7, 13
5-Nov-24	0520	0618	1649	1746	1028	1936	13, 20
6-Nov-24	0521	0619	1648	1746	1120	2037	20, 29
7-Nov-24	0522	0620	1647	1745	1206	2145	29, 39
8-Nov-24	0523	0621	1646	1744	1244	2254	39, 50
9-Nov-24	0524	0622	1645	1743	1317	No Event	50, 61
10-Nov-24	0525	0623	1644	1743	1347	0005	61, 72
11-Nov-24	0526	0624	1643	1742	1414	0115	72, 82
12-Nov-24	0527	0625	1643	1741	1442	0227	82, 90
13-Nov-24	0528	0626	1642	1741	1511	0340	90, 96
14-Nov-24	0529	0627	1641	1740	1543	0455	96, 99
15-Nov-24	0530	0628	1641	1739	1621	0613	99, 100
16-Nov-24	0531	0629	1640	1739	1707	0731	100, 97
17-Nov-24	0531	0631	1639	1738	1802	0845	97, 92
18-Nov-24	0532	0632	1639	1738	1905	0950	92, 85
19-Nov-24	0533	0633	1638	1737	2012	1044	85, 77
20-Nov-24	0534	0634	1638	1737	2119	1128	77, 68
21-Nov-24	0535	0635	1637	1737	2224	1203	68, 58
22-Nov-24	0536	0636	1637	1736	2325	1231	58, 48
23-Nov-24	0537	0637	1636	1736	No Event	1256	48, 39
24-Nov-24	0538	0638	1636	1736	0024	1318	39, 30
25-Nov-24	0539	0639	1636	1735	0121	1339	30, 22
26-Nov-24	0540	0640	1635	1735	0218	1401	22, 14
27-Nov-24	0540	0641	1635	1735	0315	1423	14, 8
28-Nov-24	0541	0641	1635	1735	0414	1449	8, 4
29-Nov-24	0542	0642	1634	1735	0515	1519	4, 1
30-Nov-24	0543	0643	1634	1735	0618	1555	1, 0

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**TAWS Product** UNCLASSIFIED

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87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Dec-24	0544	0644	1634	1735	0721	1638	0, 1
2-Dec-24	0545	0645	1634	1735	0821	1731	1, 4
3-Dec-24	0545	0646	1634	1735	0917	1831	4, 9
4-Dec-24	0546	0647	1634	1735	1004	1937	9, 16
5-Dec-24	0547	0648	1634	1735	1045	2046	16, 25
6-Dec-24	0548	0649	1634	1735	1119	2156	25, 35
7-Dec-24	0549	0650	1634	1735	1149	2305	35, 46
8-Dec-24	0549	0650	1634	1735	1216	No Event	46, 57
9-Dec-24	0550	0651	1634	1735	1242	0013	57, 68
10-Dec-24	0551	0652	1634	1735	1309	0123	68, 78
11-Dec-24	0552	0653	1634	1736	1339	0234	78, 87
12-Dec-24	0552	0653	1635	1736	1413	0348	87, 94
13-Dec-24	0553	0654	1635	1736	1455	0504	94, 98
14-Dec-24	0554	0655	1635	1736	1545	0620	98, 100
15-Dec-24	0554	0655	1635	1737	1645	0729	100, 99
16-Dec-24	0555	0656	1636	1737	1751	0830	99, 95
17-Dec-24	0555	0657	1636	1737	1900	0919	95, 90
18-Dec-24	0556	0657	1637	1738	2007	0958	90, 83
19-Dec-24	0556	0658	1637	1738	2112	1030	83, 75
20-Dec-24	0557	0658	1637	1739	2213	1057	75, 66
21-Dec-24	0558	0659	1638	1739	2311	1120	66, 57
22-Dec-24	0558	0659	1639	1740	No Event	1142	57, 47
23-Dec-24	0558	0700	1639	1740	0008	1203	47, 38
24-Dec-24	0559	0700	1640	1741	0105	1225	38, 29
25-Dec-24	0559	0701	1640	1742	0203	1250	29, 21
26-Dec-24	0600	0701	1641	1742	0303	1318	21, 14
27-Dec-24	0600	0701	1642	1743	0405	1351	14, 8
28-Dec-24	0600	0702	1642	1743	0508	1432	8, 3
29-Dec-24	0601	0702	1643	1744	0610	1521	3, 1
30-Dec-24	0601	0702	1644	1745	0709	1620	1, 0
31-Dec-24	0601	0702	1645	1746	0800	1726	0, 2

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**TAWS Product** UNCLASSIFIED

**Location** 36° 40' 00" N  
87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Jan-25	0601	0702	1645	1746	0844	1836	2, 6
2-Jan-25	0602	0703	1646	1747	0920	1947	6, 13
3-Jan-25	0602	0703	1647	1748	0952	2057	13, 21
4-Jan-25	0602	0703	1648	1749	1020	2206	21, 31
5-Jan-25	0602	0703	1649	1749	1046	2315	31, 42
6-Jan-25	0602	0703	1650	1750	1112	No Event	42, 53
7-Jan-25	0602	0703	1650	1751	1140	0024	53, 64
8-Jan-25	0602	0703	1651	1752	1212	0135	64, 75
9-Jan-25	0602	0703	1652	1753	1249	0248	75, 84
10-Jan-25	0602	0702	1653	1754	1334	0402	84, 91
11-Jan-25	0602	0702	1654	1754	1429	0512	91, 96
12-Jan-25	0602	0702	1655	1755	1532	0616	96, 99
13-Jan-25	0602	0702	1656	1756	1639	0709	99, 100
14-Jan-25	0602	0702	1657	1757	1748	0752	100, 98
15-Jan-25	0601	0701	1658	1758	1854	0827	98, 94
16-Jan-25	0601	0701	1659	1759	1958	0856	94, 89
17-Jan-25	0601	0701	1700	1800	2058	0921	89, 82
18-Jan-25	0601	0700	1701	1801	2156	0944	82, 74
19-Jan-25	0600	0700	1702	1802	2254	1005	74, 65
20-Jan-25	0600	0659	1703	1803	2351	1027	65, 56
21-Jan-25	0600	0659	1704	1804	No Event	1050	56, 46
22-Jan-25	0559	0658	1705	1805	0050	1116	46, 37
23-Jan-25	0559	0658	1706	1805	0151	1147	37, 28
24-Jan-25	0558	0657	1707	1806	0253	1224	28, 20
25-Jan-25	0558	0657	1709	1807	0356	1309	20, 12
26-Jan-25	0557	0656	1710	1808	0456	1404	12, 6
27-Jan-25	0557	0655	1711	1809	0550	1508	6, 2
28-Jan-25	0556	0655	1712	1810	0637	1618	2, 0
29-Jan-25	0555	0654	1713	1811	0718	1730	0, 1
30-Jan-25	0555	0653	1714	1812	0752	1843	1, 4
31-Jan-25	0554	0652	1715	1813	0821	1954	4, 10

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 87° 30' 00" W

Date	BMNT (Local)	Sunrise (Local)	Sunset (Local)	EENT (Local)	Moonrise (Local)	Moonset (Local)	Lunar % Illum (0000,2359) (Local)
1-Feb-25	0553	0652	1716	1814	0849	2105	10, 17
2-Feb-25	0553	0651	1717	1815	0915	2215	17, 27
3-Feb-25	0552	0650	1718	1816	0943	2327	27, 38
4-Feb-25	0551	0649	1719	1817	1014	No Event	38, 49
5-Feb-25	0550	0648	1720	1818	1049	0040	49, 60
6-Feb-25	0550	0647	1721	1819	1131	0153	60, 71
7-Feb-25	0549	0646	1723	1820	1221	0303	71, 80
8-Feb-25	0548	0645	1724	1821	1320	0407	80, 88
9-Feb-25	0547	0644	1725	1822	1425	0503	88, 94
10-Feb-25	0546	0643	1726	1823	1533	0549	94, 98
11-Feb-25	0545	0642	1727	1824	1639	0626	98, 100
12-Feb-25	0544	0641	1728	1825	1744	0656	100, 100
13-Feb-25	0543	0640	1729	1826	1845	0723	100, 97
14-Feb-25	0542	0639	1730	1827	1944	0746	97, 93
15-Feb-25	0541	0638	1731	1828	2042	0808	93, 88
16-Feb-25	0540	0637	1732	1829	2140	0829	88, 81
17-Feb-25	0539	0635	1733	1830	2238	0852	81, 73
18-Feb-25	0538	0634	1734	1830	2338	0917	73, 64
19-Feb-25	0537	0633	1735	1831	No Event	0945	64, 55
20-Feb-25	0535	0632	1736	1832	0039	1018	55, 45
21-Feb-25	0534	0631	1737	1833	0141	1059	45, 35
22-Feb-25	0533	0629	1738	1834	0241	1149	35, 26
23-Feb-25	0532	0628	1739	1835	0337	1248	26, 17
24-Feb-25	0531	0627	1740	1836	0428	1354	17, 10
25-Feb-25	0529	0625	1741	1837	0511	1506	10, 4
26-Feb-25	0528	0624	1742	1838	0547	1619	4, 1
27-Feb-25	0527	0623	1743	1839	0619	1732	1, 0
28-Feb-25	0526	0622	1744	1840	0648	1845	0, 2