

Location: E014 59, N67 58

ENGELOY FLYPLASS - ENEN  
Civil Twilight for 2017

Astronomical Applications Dept.  
U. S. Naval Observatory  
Washington, DC 20392-5420

Universal Time

Day	Jan.		Feb.		Mar.		Apr.		May		June		July		Aug.		Sept.		Oct.		Nov.		Dec.	
	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End	Begin	End
	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
01	0816	1352	0704	1524	0523	1704	0310	1901	0007	2158	////	////	////	////	////	////	0221	1936	0418	1719	0606	1520	0744	1354
01										2355														
02	0815	1354	0701	1528	0519	1707	0305	1905	2340	2213	////	////	////	////	////	////	0226	1931	0421	1715	0609	1517	0746	1352
03	0814	1356	0658	1531	0515	1711	0300	1909	2317	2235	////	////	////	////	////	////	0230	1926	0425	1711	0613	1513	0749	1350
04	0813	1358	0655	1535	0511	1715	0256	1913	////	////	////	////	////	////	////	////	0234	1921	0428	1707	0616	1510	0752	1349
05	0812	1400	0651	1538	0507	1718	0251	1918	////	////	////	////	////	////	////	////	0239	1916	0432	1703	0620	1506	0754	1347
06	0810	1402	0648	1542	0503	1722	0246	1922	////	////	////	////	////	////	////	////	0243	1911	0435	1659	0623	1503	0756	1346
07	0809	1405	0644	1545	0459	1726	0241	1927	////	////	////	////	////	////	////	////	0247	1906	0439	1655	0627	1500	0759	1344
08	0807	1407	0641	1549	0455	1729	0236	1931	////	////	////	////	////	////	2335	2237	0251	1901	0442	1651	0630	1456	0801	1343
09	0805	1410	0638	1552	0450	1733	0231	1936	////	////	////	////	////	////	2354	2218	0255	1856	0446	1647	0634	1453	0803	1342
10	0803	1413	0634	1556	0446	1736	0226	1940	////	////	////	////	////	////	2204		0259	1852	0449	1643	0637	1450	0805	1341
11	0801	1416	0630	1600	0442	1740	0221	1945	////	////	////	////	////	////	0007	2153	0303	1847	0453	1639	0641	1447	0807	1340
12	0759	1418	0627	1603	0438	1744	0216	1950	////	////	////	////	////	////	0019	2143	0307	1842	0456	1635	0644	1444	0808	1339
13	0757	1421	0623	1607	0434	1747	0210	1955	////	////	////	////	////	////	0028	2134	0311	1838	0500	1631	0647	1440	0810	1338
14	0755	1424	0620	1610	0430	1751	0205	2000	////	////	////	////	////	////	0037	2125	0315	1833	0503	1627	0651	1437	0812	1338
15	0753	1427	0616	1614	0425	1755	0200	2005	////	////	////	////	////	////	0045	2117	0319	1829	0507	1623	0654	1434	0813	1337
16	0750	1430	0612	1617	0421	1758	0154	2010	////	////	////	////	////	////	0053	2110	0323	1824	0510	1619	0657	1431	0814	1337
17	0748	1433	0609	1621	0417	1802	0148	2015	////	////	////	////	////	////	0100	2103	0327	1820	0514	1615	0701	1428	0815	1337
18	0745	1437	0605	1625	0413	1806	0143	2020	////	////	////	////	////	////	0106	2056	0331	1815	0517	1612	0704	1426	0816	1337
19	0743	1440	0601	1628	0408	1810	0137	2026	////	////	////	////	////	////	0113	2049	0334	1811	0521	1608	0707	1423	0817	1337
20	0740	1443	0557	1632	0404	1813	0131	2032	////	////	////	////	////	////	0119	2043	0338	1806	0524	1604	0711	1420	0818	1337
21	0737	1446	0554	1635	0400	1817	0125	2038	////	////	////	////	////	////	0125	2037	0342	1802	0528	1600	0714	1417	0819	1338
22	0735	1450	0550	1639	0355	1821	0118	2044	////	////	////	////	////	////	0131	2030	0345	1758	0531	1556	0717	1415	0819	1338
23	0732	1453	0546	1642	0351	1825	0112	2050	////	////	////	////	////	////	0136	2024	0349	1753	0535	1553	0720	1412	0820	1339
24	0729	1456	0542	1646	0346	1829	0105	2057	////	////	////	////	////	////	0142	2019	0353	1749	0538	1549	0723	1410	0820	1340
25	0726	1500	0538	1650	0342	1833	0058	2104	////	////	////	////	////	////	0147	2013	0356	1745	0542	1545	0726	1407	0820	1341
26	0723	1503	0534	1653	0337	1837	0051	2111	////	////	////	////	////	////	0152	2007	0400	1741	0545	1542	0729	1405	0820	1342
27	0720	1507	0531	1657	0333	1841	0043	2119	////	////	////	////	////	////	0157	2002	0404	1736	0549	1538	0732	1402	0820	1343
28	0717	1510	0527	1700	0328	1845	0035	2127	////	////	////	////	////	////	0202	1957	0407	1732	0552	1534	0735	1400	0819	1344
29	0714	1513			0324	1849	0027	2136	////	////	////	////	////	////	0207	1951	0411	1728	0556	1531	0738	1358	0819	1346
30	0711	1517			0319	1853	0017	2146	////	////	////	////	////	////	0212	1946	0414	1724	0559	1527	0741	1356	0818	1348
31	0708	1520			0315	1857			////	////			////	////	0216	1941			0602	1524			0817	1349

(//// Sun continuously above twilight limit)

(==== Sun continuously below twilight limit)