



# HYPERBOREA ANNUAL CALENDAR



Compiled by Russell Cone

For use with ***Astonishing Swordsmen & Sorcerers of Hyperborea™***

*Russell Cone was kind enough to compile this printable calendar for Hyperborea campaign play. Originally presented as tables in the Referee's Manual, this full-sized calendar allows both players and referees to enter important campaign notes, keep track of the passage of days, and anticipate the arrival of important events. Here follows some of my advice for using this calendar, followed by Russell's helpful and useful calendar design. —Jeff Talanian, December 2012*

**Days, Weeks, Months, and Years:** Hyperborean days are about 24 hours long (23:50), weeks are measured in 7-day periods, months in 28-day periods, and years in 364-day (13-month) periods—though a “true” year is 4,732 days (about 13 Old Earth years).

**The Moons (Phobos and Selene):** Due to the speed of its seven-day orbit, Phobos transitions quickly; it displays each phase four times per month, but totality is brief. Selene is slower, with a 45½-day orbit, presenting but two or three of its phases each month. When both moons are full (every 91 days), festivals are observed (though exceptions apply). The festivals include *Apollonalia*, *Saturnalia*, *Bealltainn*, and *Plutonia*. Due to the elliptical orbits of the moons and the tilt of Hyperborea, some phases are not visible depending on the season, simply because they occur below the horizon:

- **New Moon:** During Nightfall (Bat, Year 13), Phobos is not visible from one day before to one day after the new moon phase; likewise, Selene is not visible from nine days before to nine days after the new moon.
- **First Quarter:** During Vernal Equinox (Wolf, Year 3), Phobos is not visible from one day before to one day after the first quarter phase; likewise, Selene is not visible from nine days before to nine days after the first quarter.
- **Full Moon:** From mid–High Summer Waxing (Tiger, Year 6) to mid–High Summer Waning (Crab, Year 7), Phobos is not visible from one day before to one day after the full moon phase; likewise, Selene is not visible from nine days before to nine days after the full moon.
- **Last Quarter:** During Autumnal Equinox (Aurochs, Year 10), Phobos is not visible from one day before to one day after the last quarter phase; likewise, Selene is not visible from nine days before to nine days after the last quarter.

**How to Use the Hyperborea Calendar:** First, a starting year must be established. The referee is of course at liberty to use any starting year for the campaign as desired. Note that the *Hyperborea Gazetteer* assumes a starting year of 576 CÆ, this displayed in **Table VI.4.: Common Æra Chronology**.

Next, the season must be established. Because a true Hyperborea “year” is in fact about 13 Old Earth years, a single season is quite lengthy, with Spring and Fall each lasting 2½ years, and Summer and Winter each lasting 4 years, the average person who lives a long healthy life will typically see 4 or 5 of each season in his lifetime. See **Table VI.3.: Cyclical Calendar** for more information on the seasons.

Lastly, the hours of daylight must be established, a campaign-specific feature of Hyperborea. From midway through *High Summer Waxing* to midway through *High Summer Waning*, there is a year of complete sunshine; conversely, the year of *Nightfall* sees no sunshine, a year of complete blackness. The hours of daylight per day are displayed in **Table VI.3.: Cyclical Calendar**, these shown in six month increments to provide an idea of increasing or decreasing light. To determine sunrise and sunset, simply take the hours of light per day and divide them by using the noon hour as the median. For example, if a winter day has about six hours of sunlight, sunrise will be at about 9 a.m. and sunset at about 3 p.m. The same may be deduced when considering the hours of darkness, except using midnight as the marker; e.g., on a fall night when there are 14 hours of darkness, sunset will be at about 5 p.m. and sunrise at about 7 a.m.

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# MONTH I

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○ Selene: ○	5 Phobos: ☽	6	7 Phobos: ●
<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>	<i>Apollonalia (except Year 7)</i>
8	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☽	13	14 Phobos: ●
15 Selene: ☾	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☽	20	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☽	27 Selene: ●	28 Phobos: ●

First Quarter: ☽      Full Moon: ○      Last Quarter: ☾      New Moon: ●

# MONTH II

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾	10 Selene: ●	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
						Selene: ○
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH III

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○ Selene: ☾	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾ Selene: ●	17	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27 Selene: ☾	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH IV

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○ Selene: ○	12 Phobos: ☾	13	14 Phobos: ●
<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>	<i>Saturnalia (except Year 7)</i>
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
22 Selene: ☾	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH V

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6 Selene: ●	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17 Selene: ☾	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ● Selene: ○

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH VI

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○ Selene: ☾	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
22	23 Phobos: ☾ Selene: ●	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH VII

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6 Selene: ☾	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○ Selene: ○	19 Phobos: ☾	20	21 Phobos: ●
<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>	<i>Bealltainn (except Year 6)</i>
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●



# MONTH VIII

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1      Selene: ☾	2      Phobos: ☾	3	4      Phobos: ○	5      Phobos: ☾	6	7      Phobos: ●
8	9      Phobos: ☾	10	11      Phobos: ○	12      Phobos: ☾	13      Selene: ●	14      Phobos: ●
15	16      Phobos: ☾	17	18      Phobos: ○	19      Phobos: ☾	20	21      Phobos: ●
22	23      Phobos: ☾	24      Selene: ☾	25      Phobos: ○	26      Phobos: ☾	27	28      Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☾      New Moon: ●

# MONTH IX

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2      Phobos: ☾	3	4      Phobos: ○	5      Phobos: ☾	6	7      Phobos: ● Selene: ○
8	9      Phobos: ☾	10	11      Phobos: ○	12      Phobos: ☾	13	14      Phobos: ●
15	16      Phobos: ☾	17	18      Phobos: ○ Selene: ☾	19      Phobos: ☾	20	21      Phobos: ●
22	23      Phobos: ☾	24	25      Phobos: ○	26      Phobos: ☾	27	28      Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH X

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾ Selene: ●	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☾	13 Selene: ☾	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○ Selene: ○	26 Phobos: ☾	27	28 Phobos: ●
<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>	<i>Plutonia (except Year 6)</i>

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH XI

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8 Selene: ☾	9 Phobos: ☾	10	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20 Selene: ●	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●

# MONTH XII

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2      Phobos: ☾	3      Selene: ☾	4      Phobos: ☉	5      Phobos: ☾	6	7      Phobos: ●
8	9      Phobos: ☾	10	11      Phobos: ☉	12      Phobos: ☾	13	14      Phobos: ● Selene: ☉
15	16      Phobos: ☾	17	18      Phobos: ☉	19      Phobos: ☾	20	21      Phobos: ●
22	23      Phobos: ☾	24	25      Phobos: ☉ Selene: ☾	26      Phobos: ☾	27	28      Phobos: ●

First Quarter: ☾      Full Moon: ☉      Last Quarter: ☾      New Moon: ●

# MONTH XIII

YEAR: \_\_\_\_\_ SEASON: \_\_\_\_\_ SUNRISE: \_\_\_\_\_ SUNSET: \_\_\_\_\_

Sun (Worship)	Earth (Work)	Sea (Work)	Moon (Work)	Star (Work)	Sky (Work)	Saturn (Rest)
1	2 Phobos: ☾	3	4 Phobos: ○	5 Phobos: ☾	6	7 Phobos: ●
8	9 Phobos: ☾ Selene: ●	10	11 Phobos: ○	12 Phobos: ☾	13	14 Phobos: ●
15	16 Phobos: ☾	17	18 Phobos: ○	19 Phobos: ☾	20 Selene: ☾	21 Phobos: ●
22	23 Phobos: ☾	24	25 Phobos: ○	26 Phobos: ☾	27	28 Phobos: ●

First Quarter: ☾      Full Moon: ○      Last Quarter: ☽      New Moon: ●