

myaamia kiilhsooki



Developed through the
Myaamia Project
at Miami University-Oxford, Ohio

2011 myaamiaki kiilhsooki

The Myaamia lunar calendar is a tool we use to track Myaamia month duration. The calendar system requires the observation of lunar cycles in relation to events in our environment for which the months are named after. Our lunar month is approximately 29.5 days. Our calendar shows the 29.5 day cycle by alternating a 29 day month followed by a 30 day month.

The lunar year is 11 days shorter than the solar year. Therefore, the lunar calendar needs to be adjusted approximately every three years by adding a 13th moon. This realigns the lunar months with the ecological events that the months are named after. As a result, the Myaamia New Year varies from year to year. This year, weehki-kihkatwi (the Myaamia New Year) occurs February 6.

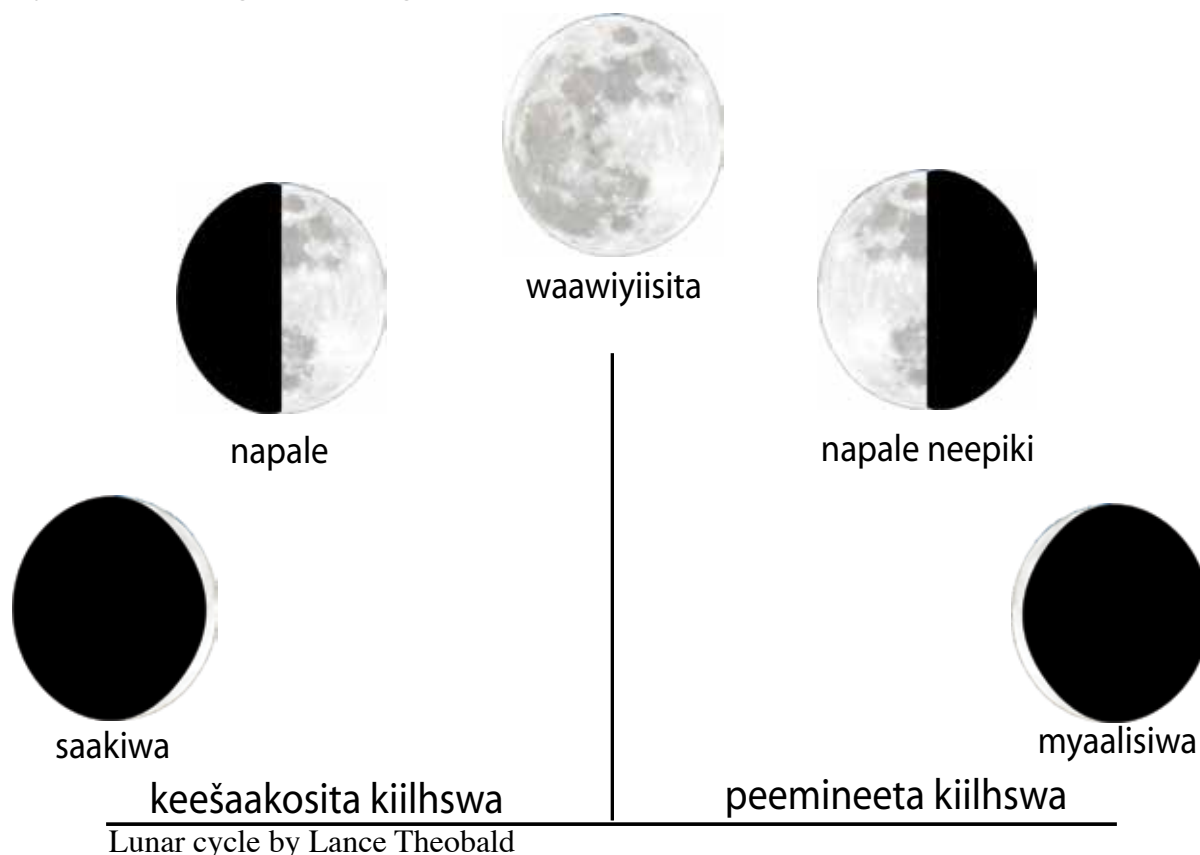
The Myaamia saakiwa kiilhsa (new moon) generally occurs on the third night following the astronomical new moon. Gregorian dates have been supplied so that users can see how the Myaamia months differ from the Gregorian calendar.

Some common terms associated with the Myaamia lunar calendar are listed below.

| | |
|-----------------------------------|--------------------|
| eelaamini-kiišikahki | Sunday |
| nkotakone pooni – kiišikahki | Monday |
| niišakone pooni – kiišikahki | Tuesday |
| nihsokone pooni – kiišikahki | Wednesday |
| niiyakone pooni – kiišikahki | Thursday |
| yaalanokone pooni – kiišikahki | Friday |
| kaakaathsokone pooni – kiišikahki | Saturday |
| saakiwa kiilhsa | New moon |
| napale kiilhsa | First quarter moon |
| waawiyiisita | Full moon |
| napale neepiki | Last Quarter moon |
| myaalisiwa | Waning crescent |
| keešaakosita kiilhsa | Waxing phases |
| peemineeta kiilhsa | Waning phases |
| pahsaahkaahkanka | Summer solstice |

kiilhsooki

For the Myaamiaki (Miami people), the moon helps us track the progress of a month. In Myaamia, we describe the moon growing like a plant (keešaakosita kiilhsa) and then dying (peemineeta kiilhsa). Each month, the moon starts out as a thin sliver called saakiwa kiilhsa, which refers to the sprouting moon. For the next 11 evenings, the moon grows from saakiwa to waakhšinka kiilhsa (crescent moon), napale kiilhsa (half moon), naawi waawiyiisita (almost full), and finally to waawiyiisita (full moon). For the next 14 days, you are more likely to see peemineeta kiilhsa (dying away moon) in the morning. Over this next period kiilhsa will become napale neepiki (half dead, the waning half moon) and myaalisiwa kiilhsa (sickly moon, the waning crescent) until it dies away and goes dark. Not to worry, it always sprouts again during the next moon.






Lunar cycle by Lance Theobald



A Tribe Named Miami, A
 Surveyor's Stake, A Town
 Named Oxford (by Eugene Brown)
 photo by Andrew J. Strack

mahkoonsa kiilhsua 2011

Young Bear Moon

| eelaamini- kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath- sokone |
|-----------------------------|------------|------------|------------|--|-------------|---------------------|
| 1 weehki-kihkatwi 2/6 | 2 2/7 | 3 2/8 | 4 2/9 | 5  2/10 2/11 | 6 2/12 | 7 |
| 8 2/13 | 9 2/14 | 10 2/15 | 11 2/16 | 12  2/17 2/18 | 13 2/19 | 14 |
| 15 2/20 | 16 2/21 | 17 2/22 | 18 2/23 | 19  2/24 2/25 | 20 2/26 | 21 |
| 22 2/27 | 23 2/28 | 24 3/1 | 25 3/2 | 26 3/13 | 27 3/4 | 28 3/5 |
| 29 3/6 | 30 3/7 | | | | | |



meenapiyankwi ahsapa
Our community web
photo by Andrew J. Strack

aantekwa kiilhsa 2011

Crow Moon




| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | | 1 | 2 | 3 | 4 | 5 |
| | | 3/8 | 3/9 | 3/10 | 3/11 | 3/12 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 3/13 | 3/14 | 3/15 | 3/16 | 3/17 | 3/18 | 3/19 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 3/20 | 3/21 | 3/22 | 3/23 | 3/24 | 3/25 | 3/26 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 3/27 | 3/28 | 3/29 | 3/30 | 3/31 | 4/1 | 4/2 |
| 27 | 28 | 29 | | | | |
| 4/3 | 4/4 | 4/5 | | | | |



maawatomankwi
 We gather for council
 photo by Hugh Morgan

cecaahkwa kiilhsa 2011

Sandhill Crane Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|--|-----------|--|-----------|-----------|-------------|-----------------|
| | | | 1 | 2 | 3 | 4 |
| | | | 4/6 | 4/7 | 4/8 | 4/9 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 4/10 | 4/11 | 4/12  | 4/13 | 4/14 | 4/15 | 4/16 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 4/17  | 4/18 | 4/19 | 4/20 | 4/21 | 4/22 | 4/23 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 4/24  | 4/25 | 4/26 | 4/27 | 4/28 | 4/29 | 4/30 |
| 26 | 27 | 28 | 29 | 30 | | |
| 5/1 | 5/2 | 5/3 | 5/4 | 5/5 | | |



peekitahankiki
 They play Lacrosse
 photo by Andrew J. Strack

wiihkoowia killhswa 2011

Whippoorwill Moon



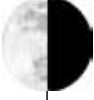
| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------------------------|
| | | | | | 1 | 2 |
| | | | | | 5/6 | 5/7 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 5/8 | 5/9 | 5/10 | 5/11 | 5/12 | 5/13 | 5/14 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 5/15 | 5/16 | 5/17 | 5/18 | 5/19 | 5/20 | 5/21 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 5/22 | 5/23 | 5/24 | 5/25 | 5/26 | 5/27 | 5/28 |
| 24 | 25 | 26 | 27 | 28 | 29 | |
| 5/29 | 5/30 | 5/31 | 6/1 | 6/2 | 6/3 | Miami Nation Pow wow & Family day |



meenapiyankwi
Our community
photos by Hugh Morgan

paaphsaahka niipinwiki 2011

Mid-Summer Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|--------------------------|-----------|--|-------------|---|
| | | | | | | Miami Nation Pow Wow Annual Meeting 6/4 ¹ |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 6/5 | 6/6 | 6/7 | 6/8 | 6/9  | 6/10 | 6/11 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 6/12 | 6/13 | 6/14 | 6/15 | 6/16  | 6/17 | 6/18 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 6/19 | 6/20 | 6/21 pahsaahkaahkanka | 6/22 | 6/23  | 6/24 | 6/25 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 6/26 | 6/27 | 6/28 | 6/29 | 6/30 | 7/1 | 7/2 |
| 7/3 | 30 | 6/27 | 6/28 | 6/29 | 6/30 | 7/1 |



neepwaankiita
 She [Greta Sirois] teaches
 photo by Elmer Denman

kišiinkwia kiihswa 2011

Green Corn Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | 7/4 | 7/5 | 7/6 | 7/7 | 7/8 | 7/9 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 7/10 | 7/11 | 7/12 | 7/13 | 7/14 | 7/15 | 7/16 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 7/17 | 7/18 | 7/19 | 7/20 | 7/21 | 7/22 | 7/23 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 7/24 | 7/25 | 7/26 | 7/27 | 7/28 | 7/29 | 7/30 |
| 28 | 29 | | | | | |
| 7/31 | 8/1 | | | | | |

neehi-hsa paapakiciihkawaaci
niiyaaha peemihsaahaaci alenasooli mitemohsaki awiikawaanki
aapwe niiyaaha peepaamihsahaaci
neehi-hsa noonki šeekehwihsaawaaci atayali aayaahkaami
iiniini-hsa wiiyoonkonci keekaanwitoontanoowaaci waapansooki

He spurred him on.

He rode the buffalo there past the women's lodge.

He kept passing by them there over and over again.

And then his animal ran away into the bushes forever.

That's why rabbits have long heels.



Illustration by Julie Olds

Story excerpt from *The Story of Rabbit* by Elizabeth Vallier



oohsemali
Doll (by Cathy Mowry)
 photo by Andrew J. Strack

mihšiiwia kiilhsua 2011

Elk Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | | 1 | 2 | 3 | 4 | 5 |
| | | 8/2 | 8/3 | 8/4 | 8/5 | 8/6 |
| 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 8/7 | 8/8 | 8/9 | 8/10 | 8/11 | 8/12 | 8/13 |
| 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 8/14 | 8/15 | 8/16 | 8/17 | 8/18 | 8/19 | 8/20 |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 8/21 | 8/22 | 8/23 | 8/24 | 8/25 | 8/26 | 8/27 |
| 27 | 28 | 29 | 30 | | | |
| 8/28 | 8/29 | 8/30 | 8/31 | | | |



seensewiciki
 They play Plum Stone
 photo by Andrew J. Strack

šaašaakayolia kiilhsua 2011 Grass Burning Moon

| eelaamini- kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath- sokone |
|--------------------------|-----------|-----------|-----------|-----------|-------------|---------------------|
| | | | | 1 | 2 | 3 |
| | | | | 9/1 | 9/2 | 9/3 |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 9/4 | 9/5 | 9/6 | 9/7 | 9/8 | 9/9 | 9/10 |
| | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 9/11 | 9/12 | 9/13 | 9/14 | 9/15 | 9/16 | 9/17 |
| | | | | | | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 9/18 | 9/19 | 9/20 | 9/21 | 9/22 | 9/23 | 9/24 |
| | | | | | | |
| 25 | 26 | 27 | 28 | 29 | | |
| 9/25 | 9/26 | 9/27 | 9/28 | 9/29 | | |

sakaahkweeko myaamiaki sakaahkweeko
grasp it miamis, grasp it

pilwi kati pimpaaliyankwi
we have far to walk



neehinawaaciki
 They sing to him [the XIV
 Dalai Lama of Tibet]
 photo by Andrew J. Strack

kiiyolia kiilhsua 2011

Smoky Burning Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | | | | | 1 | 2 |
| | | | | | 9/30 | 10/1 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10/2 | 10/3 | 10/4 | 10/5 | 10/6 | 10/7 | 10/8 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 10/9 | 10/10 | 10/11 | 10/12 | 10/13 | 10/14 | 10/15 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 10/16 | 10/17 | 10/18 | 10/19 | 10/20 | 10/21 | 10/22 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 10/23 | 10/24 | 10/25 | 10/26 | 10/27 | 10/28 | 10/29 |



neemiyankwi
 We dance
 photo by Andrew J. Strack

ayaapeensa kiilhsa 2011

Young Buck Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 Arrival in Kansas |
| 10/30 | 10/31 | 11/1 | 11/2 | 11/3 | 11/4 | 11/5 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 11/6 | 11/7 | 11/8 | 11/9 | 11/10 | 11/11 | 11/12 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 11/13 | 11/14 | 11/15 | 11/16 | 11/17 | 11/18 | 11/19 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 11/20 | 11/21 | 11/22 | 11/23 | 11/24 | 11/25 | 11/26 |
| 29 | | | | | | |
| 11/27 | | | | | | |



akima awiiki (chief's house)
 Occupied by J.B. Richardville
 (Pinšiwa)
 photo by Joshua Sutterfield

ayaapia kiilhsua 2011

Buck Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | 11/28 | 11/29 | 11/30 | 12/1 | 12/2 | 12/3 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 12/4 | 12/5 | 12/6 | 12/7 | 12/8 | 12/9 | 12/10 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 12/11 | 12/12 | 12/13 | 12/14 | 12/15 | 12/16 | 12/17 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 12/18 | 12/19 | 12/20 | 12/21 | 12/22 | 12/23 | 12/24 |
| 28 | 29 | 30 | | | | |
| 12/25 | 12/26 | 12/27 | | | | |



wiिकाataawi
Let's dance together
(Stomp Dance 2009)
 photo by Andrew J. Strack

mahkwa kiilhsa 2012

Bear Moon

| eelaamini-kiišikahki | nkotakone | niišakone | nihsokone | niiyakone | yaalanokone | kaakaath-sokone |
|----------------------|-----------|-----------|-----------|-----------|-------------|-----------------|
| | | | 1 | 2 | 3 | 4 |
| | | | 12/28 | 12/29 | 12/30 | 12/31 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 1/1 | 1/2 | 1/3 | 1/4 | 1/5 | 1/6 | 1/7 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 1/8 | 1/9 | 1/10 | 1/11 | 1/12 | 1/13 | 1/14 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 1/15 | 1/16 | 1/17 | 1/18 | 1/19 | 1/20 | 1/21 |
| 26 | 27 | 28 | 29 | | | |
| 1/22 | 1/23 | 1/24 | 1/25 | | | |



mihšihkinaahkwa
Day



Photos by Andrew J. Strack, Hugh Morgan,
and Karen Baldwin

mišhi-neewe

This calendar is a culmination of much work made possible by tremendous support from several individuals and organizations. To that end, we would like to express our thanks to the Miami Nation and Miami University for supporting our efforts through the Myaamia Project at Miami University.

Dr. James Ausfahl, MD – Lunar Computer programmer

Daryl Baldwin - Director of the Myaamia Project

Dr. Mark Boardman – Practicum Advisor for Institute of Environmental Science

Dr. David Costa – Myaamia Language Consultant

Dr. George Esber – Practicum Advisor for Institute of Environmental Science

Dr. Adolph M. Greenberg – Practicum Advisor for Institute of Environmental Science

George Ironstrack - Assistant Director and Education Coordinator for the Myaamia Project

Dr. Timothy McCoy – Curator of Meteorites at the Smithsonian's National Museum of Natural History

Andrew J. Strack – Media Specialist for the Myaamia Project

Zachary Swaidner – Communications Undergraduate Student

Kristina Marks - Administrative Assistant for the Myaamia Project

Craig Voros - Institute of Environmental Science Graduate Student

Laura Wigren - Institute of Environmental Science Graduate Student