



# CALENDAR | 2017

EASTERN ATHABASCA REGIONAL MONITORING PROGRAM



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**elets'elts'uni zaa**

*Dene meaning for the month of January - kissing month*

**JANUARY**  
2017

**opāwāhcikanasīs**

*Cree meaning for the month of January - frost exploding moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 New Year's Day	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

5

6



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**DECEMBER 2016**

S	M	T	W	T	F	S
			1	2	3	
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

**FEBRUARY 2017**

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				



**saduwaze zaa**

*Dene meaning for the month of February - short month*

**FEBRUARY**  
2017

**kisīpīsim**

*Cree meaning for the month of February- the great moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14 Valentine's Day	15	16	17	18
19	20 Family Day	21	22	23	24	25
26	27	28	1	2	3	4

5	6
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**JANUARY 2017**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**MARCH 2017**

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



**hah zaa**

*Dene meaning for the month of March - geese month*

**MARCH**  
2017

**mikisiwipīsim**

*Cree meaning for the month of March - eagle moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1



First Day of Spring ●

St. Patrick's Day



2

3



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**FEBRUARY 2017**

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

**APRIL 2017**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						



**ts'aali zaa**

*Dene meaning for the month of April - frog month*

**APRIL**  
2017

**niskipīsim**

*Cree meaning for the month of April - goose moon*



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
Easter Sunday	Easter Monday				Good Friday	
23	24	25	26	27	28	29
30	1					



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**MARCH 2017**

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**MAY 2017**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



**egheze**

*Dene meaning for the month of May - egg month*

**MAY**  
2017

**athīkipīsim**

*Cree meaning for the month of May - frog moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14 Mother's Day	15	16	17	18	19	20
21	22 Victoria Day	23	24	25	26	27
28	29	30	31	1	2	3

4

5



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**APRIL 2017**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**JUNE 2017**

S	M	T	W	T	F	S
						1 2 3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



**egheze yehole zaa**

*Dene meaning for the month of June - egg hatching month*

**JUNE**  
2017

**opiniyāwīwipīsim**

*Cree meaning for the month of June - egg laying moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18 Father's Day	19	20	21 National Aboriginal Day First Day of Summer	22	23	24
25	26	27	28	29	30	1

2

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**MAY 2017**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

**JULY 2017**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



**bek'e echeth zaa**

*Dene meaning for the month of July - baby chicks month*

**JULY**  
2017

**opaskowipīsim**

*Cree meaning for the month of July - egg hatching moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
25	26	27	28	29	30	1 Canada Day	
2	3	4	5	6	7	8	
9 ○	10	11	12	13	14	15	
16 ●	17	18	19	20	21	22	
23 ●	24	25	26	27	28	29	
30 ●	31	 <p><b>EASTERN ATHABASCA REGIONAL MONITORING PROGRAM</b></p> <p> <a href="mailto:INFO@EARMMP.COM">@ INFO@EARMMP.COM</a>  <a href="http://WWW.EARMMP.COM">WWW.EARMMP.COM</a> </p>		<p><b>JUNE 2017</b></p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30</p>		<p><b>AUGUST 2017</b></p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>	



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JUNE 2017							AUGUST 2017							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	
			1	2	3					1	2	3	4	5
4	5	6	7	8	9	10	6	7	8	9	10	11	12	
11	12	13	14	15	16	17	13	14	15	16	17	18	19	
18	19	20	21	22	23	24	20	21	22	23	24	25	26	
25	26	27	28	29	30		27	28	29	30	31			



**bek'e ideli zaa**

*Dene meaning for the month of August - bird first flying month*

**AUGUST**  
2017

**ohpahowipīsim**

*Cree meaning for the month of August - flying up moon*



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	1	2	3	4	5
6	7 Civic Holiday ○	8	9	10	11	12
13	14 ●	15	16	17	18	19
20	21 ●	22	23	24	25	26
27	28	29 ●	30	31	1	2

3	4
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**JULY 2017**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

**SEPTEMBER 2017**

S	M	T	W	T	F	S
						1 2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



**bek'e elghadi zaa**

*Dene meaning for the month of September - caribou or moose mating month*

**SEPTEMBER**

2017

**nimitahamowip̄sim**

*Cree meaning for the month of September - rutting moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	31	1	2
3	4 Labour Day	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2					



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**AUGUST 2017**

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**OCTOBER 2017**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



**nihoteni zaa**

*Dene meaning for the month of October - freezing month*

**OCTOBER**  
2017

**pimahamowipīsim**

*Cree meaning for the month of October - migrating moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9 Thanksgiving Day	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31 Halloween	1	2	3	4

5	6
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**SEPTEMBER 2017**

S	M	T	W	T	F	S
				1	2	
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**NOVEMBER 2017**

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		



**eyune zaa**

*Dene meaning for the month of November - crazy month or all souls*

**NOVEMBER**

2017

**kaskatinowipīsim**

*Cree meaning for the month of November - freeze up moon*

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	1	2

Remembrance Day

3

4



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**OCTOBER 2017**

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**DECEMBER 2017**

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					



**tedhe yati zaa**

*Dene meaning for the month of December - midnight mass  
or Christmas month*

**DECEMBER**  
2017

**thithikopīwipīsim**

*Cree meaning for the month of December - hoar frost moon*



SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	1					

Christmas Day

Boxing Day

First Day of Winter

New Year's Eve



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**NOVEMBER 2017**

S	M	T	W	T	F	S
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

**JANUARY 2018**

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



# EASTERN ATHABASCA REGIONAL MONITORING PROGRAM

# 2017

## EARMP

The Eastern Athabasca Regional Monitoring Program (EARMP) is a joint, long-term environmental monitoring program established in 2011 under the Province of Saskatchewan's Boreal Watershed Initiative. The EARMP was designed to identify potential cumulative effects downstream of uranium mining and milling operations in the Eastern Athabasca region of northern Saskatchewan.

Cumulative effects are defined as impacts on the environment that result from the incremental impact of an action when added to other past, present, and foreseeable future actions (Joint Panel 1992). Cumulative effects might occur when similar projects overlap spatially, such as when two watersheds exposed to uranium mining and milling activities converge. Cumulative effects may also occur temporally if contaminants are emitted into the environment over extended periods of time.

The EARMP framework includes two sub-programs: a community program and a technical program. The technical program was established to monitor long-term changes in the aquatic environment far-field downstream of uranium mining and milling operations in the Eastern Athabasca region. The community program was established to monitor the safety of traditionally harvested country foods from the communities located in the Eastern Athabasca region.

### Community Program

Harvesting and eating traditional country foods (berries, fish, and wild game) is an important part of the Indigenous lifestyle in northern Saskatchewan and contributes to an overall healthy lifestyle through physical activity and healthy eating. The intent of the EARMP community program is to provide confidence to community members that their traditional country foods remain safe to eat. The sampling program started in 2011 and now is on its seventh consecutive year of sampling. The community program tests water, berries, fish, and mammals. All samples are collected independently by, or with the aid of, community members from Black Lake Denesuline First Nation, Camsell Portage, Fond du Lac Denesuline First Nation, Stony Rapids, Uranium City, Wollaston Lake, and Hatchet Lake Denesuline First Nation. The results of the most recent community sampling program are available at [www.earmp.com](http://www.earmp.com).

### Technical Program

The focus of the technical program was to gather a two-year baseline of water quality, sediment quality, fish chemistry, and benthic invertebrate community data from locations far downstream of uranium mining and milling operations and reference locations in northern Saskatchewan. The monitoring program data will be used in the future to assess if changes are occurring over time. The technical program sampling took place again during the fall of 2015 and the results of the program are available at [www.earmp.com](http://www.earmp.com).



Dene words and meanings obtained from Rose Joseyounen, Wollaston Lake, SK.  
Cree words and meanings obtained from: [www.giftoflanguageandculture.ca](http://www.giftoflanguageandculture.ca)  
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