

# CALENDAR 2018



## EASTERN ATHABASCA REGIONAL MONITORING PROGRAM

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**elets'elts'uni zaa**

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

**JANUARY**  
**2018**

**opāwāhcikanasīs**

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

SUN	MON	TUE	WED	THU	FRI	SAT
31	1	2	3	4	5	6
	<i>New Year's Day</i>					
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

**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						



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**FEBRUARY 2018**

S	M	T	W	T	F	S
					1	2
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**  
**2018**

**kisīpīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
			<i>Valentine's Day</i>			
18	19	20	21	22	23	24
	<i>Family Day</i>					
25	26	27	28	1	2	3

**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			



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**MARCH 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



**hah zaa**

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

**MARCH  
2018**

**mikisiwipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
25	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
		<i>First Day of Spring</i>				<i>St. Patrick's Day</i>
25	26	27	28	29	30	31

*Good Friday*

### FEBRUARY 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			



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### APRIL 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					



**ts'aili zaa**

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

**APRIL  
2018**

**niskipīsim**

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



SUN	MON	TUE	WED	THU	FRI	SAT
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<i>Easter Sunday</i>	<i>Easter Monday</i>					
<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>
<b>29</b>	<b>30</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>

**MARCH 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



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**MAY 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		



**egheze**

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

**MAY  
2018**

**athīkipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
29	30	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
<i>Mother's Day</i>						
20	21	22	23	24	25	26
<i>Victoria Day</i>						
27	28	29	30	31	1	2

**APRIL 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					



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**JUNE 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



**egheze yehole zaa**

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

**JUNE  
2018**

**opiniyāwīwipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
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	23
<i>Father's Day</i>				<i>National Aboriginal Day</i> <i>First Day of Summer</i>		
24	25	26	27	28	29	30

**MAY 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		



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**JULY 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				



**bek'e echeth zaa**

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

**JULY  
2018**

**opaskowipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
<i>Canada Day</i>						
<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>
<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>21</b>
<b>22</b>	<b>23</b>	<b>24</b>	<b>25</b>	<b>26</b>	<b>27</b>	<b>28</b>
<b>29</b>	<b>30</b>	<b>31</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>

**JUNE 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



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**AUGUST 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	



**bek'e ideli zaa**

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

**AUGUST  
2018**

**ohpahowipīsim**

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



SUN	MON	TUE	WED	THU	FRI	SAT
29	30	31	1	2	3	4
5	6	7	8	9	10	11
	<i>Civic Day</i>					
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	1

**JULY 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				



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**SEPTEMBER 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						



**bek'e elghadi zaa**

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

**SEPTEMBER**  
**2018**

**nimitahamowip̄sim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
26	27	28	29	30	31	1
2	3	4	5	6	7	8
	<i>Labour Day</i>					
9	10	11	12	13	14	15
16	17	18	19	20	21	22
						<i>First Day of Autumn</i>
23	24	25	26	27	28	29
30						

**AUGUST 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	



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**OCTOBER 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			



**nihoteni zaa**

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

**OCTOBER**  
**2018**

**pimahamowipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
30	1	2	3	4	5	6
7	8	9	10	11	12	13
	<i>Thanksgiving Day</i>					
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3

*Halloween*

**SEPTEMBER 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						



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**NOVEMBER 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	



**eyune zaa**

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

**NOVEMBER**  
**2018**

**kaskatinowipīsim**

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

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
<i>Remembrance Day</i>						
18	19	20	21	22	23	24
25	26	27	28	29	30	1

**OCTOBER 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			




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**DECEMBER 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					



**tedhe yati zaa**

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

**DECEMBER**  
**2018**

**thithikopīwipīsim**

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



SUN	MON	TUE	WED	THU	FRI	SAT
2	3	4	5	6	7	1 8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28 <i>First Day of Winter</i>	29
30	31	1 <i>Christmas Day</i>	2 <i>Boxing Day</i>	3	4	5

*New Year's Eve*

### NOVEMBER 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	



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### JANUARY 2019

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

# 2018

## 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 eighth 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 2016 and the results of the program are available at [www.earmp.com](http://www.earmp.com).



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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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