



### elets'elts'uni zaa

Dene meaning for the month of January - kissing month

## JANUARY 2022

## opāwāhcikanasīs Cree meaning for the month of January

- frost exploding moon

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	Government
						1	Government of Saskatchewan
						NEW YEAR'S DAY	Cameco
2	3	4	5	6	7	8	orano
9	10	11	12	13	14	15	Canadä
							December 2021 S M T W TH F S
16	17	18	19	20	21	22	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 2022 S M T W TH F S
23	24	25	26	27	28	29	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
30	31		EASTERN A MONITORIN INFO@EARMP.C  WWW.EARMP		GIONAL		



### saduwaze zaa

Dene meaning for the month of February - short month

## FEBRUARY 2022

**kisīpīsim**Cree meaning for the month of February

- the great moon

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	Government
		1	2	3	4	5	Saskatchewan
							Cameco
6	7	8	9	10	11	12	orano
13	14  VALENTINE'S  DAY	15	16	17	18	19	Canada  January 2022 S M T W TH F S
20	FAMILY DAY	22	23	24	25	26	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
27	28						S         M         T         W         TH         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

**MARCH** 2022

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

Dene meaning for the month of Marc
- geese month

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	ST. PATRICK'S DAY	18	19
FIRST DAY OF SPRING	21	22	23	24	25	26
27	28	29	30	31		









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## ts'aili zaa

Dene meaning for the month of April - frog month

**APRIL** 2022

niskipīsim Cree meaning for the month of April

- goose moon

Government	SATURDAY	FRIDAY	THURSDAY	WEDNESDAY	TUESDAY	MONDAY	SUNDAY
Government of Saskatchewan	2	1		alle de la collection de			
orano	9	8	7	6	5	4	3
Canada  March 2022  S M T W TH F S  1 2 3 4 5	16	GOOD FRIDAY	14	13	12	11	10
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 2022  S M T W TH F S	23	22	21	20	19	18  EASTER MONDAY	17  EASTER SUNDAY
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	30	29	28	27	26	25	24



Dene meaning for the month of May - egg month

## **MAY** 2022

## athīkipīsim Cree meaning for the month of May - frog moon

CLINID AV	MONDAY	THECDAY	WEDNECDAY	THURCHAY		CATUDDAY
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
MOTHER'S DAY	9	10	11	12	13	14
15	16	17	18	19	20	21
22	VICTORIA DAY	24	25	26	27	28
29	30	31				









April 2022									
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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			

		Jun	e z	022	4		
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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** 2022

## opiniyāwīwipīsim

Cree meaning for the month of June - egg laying moon

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SONDAI	MONDAI	TOESDAT	1	2	3	4
		7 1				
5	6	7	8	9	10	11
12	13	14	15	16	17	18
<b>19</b> FATHER'S DAY	20	FIRST DAY OF SUMMER NATIONAL INDIGENOUS PEOPLES DAY	22	23	24	25
26	27	28	29	30		









May 2022									
s	М	Т	W	тн	F	s			
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15	16	17	18	19	20	21			
22	23	24	25	26	27	28			
29	30	31							
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July 2022								
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17	18	19	20	21	22	23		
24	25	26	27	28	29	30		
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	25	26	21	28	29	30		






### bek'e echeth zaa

Dene meaning for the month of July - baby chicks month

**JULY** 2022

## opaskowipīsim Cree meaning for the month of July - egg hatching season

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	Government
					1	2	Government — of — Saskatchewan
					CANADA DAY		Cameco
3	4	5	6	7	8	9	
							orano
10	11	12	13	14	15	16	
							Canad <mark>ä</mark> June 2022
							S M T W TH F S 1 2 3 4 5 6 7 8 9 10 1
17	18	19	20	21	22	23	12 13 14 15 16 17 18 19 20 21 22 23 24 2 26 27 28 29 30
							August 2022
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				-			14 15 16 17 18 19 20 21 22 23 24 25 26 20 28 29 30 31
31			EASTERN A' MONITORIN INFO@EARMP.C	THABASCA REG	GIONAL		

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### bek'e ideli zaa

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

## **AUGUST** 2022

## ohpahowipīsim Cree meaning for the month of August - flying up moon

Governm	SATURDAY	FRIDAY	THURSDAY	WEDNESDAY	TUESDAY	MONDAY	SUNDAY
Saskatch	6	5	4	3	2	1	
Cameco						SASKATCHEWAN DAY	
orano	13	12	11	10	9	8	7
Canada  July 2022 S M T W TH	20	19	18	17	16	15	14
3 4 5 6 7 10 11 12 13 14 17 18 19 20 21 24 25 26 27 28 31 September 20	27	26	25	24	23	22	21
S M T W TH  1 4 5 6 7 8 11 12 13 14 15 18 19 20 21 22 25 26 27 28 29				31	30	29	28



## bek'e elghadi zaa Dene meaning for the month of September

- caribou or moose mating month

## SEPTEMBER 2022

## nimitahamowipīsim

Cree meaning for the month of September - rutting moon

JNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
				1	2	3	Go Sas
							Can
4	LABOUR DAY	6	7	8	9	10	ord
11	12	13	14	15	16	17	Car August s м т w
18	19	20	21	FIRST DAY OF FALL	23	24	1 2 3 7 8 9 10 14 15 16 17 21 22 23 24 28 29 30 31  Octobe
25	26	27	28	29	NATIONAL 30 DAY FOR TRUTH AND RECONCILIATION		S M T W  2 3 4 5 9 10 11 12 16 17 18 19 23 24 25 26 30 31





### nihoteni zaa

Dene meaning for the month of October - freezing month

## OCTOBER 2022

## pimahamowipīsim Cree meaning for the month of October

- migrating moon

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	
			4 4	A	44	1	Government of Saskatchewan
			11 人名 。 连续	36			Cameco
2	3	4	5	6	7	8	orano
9	10 THANKSGIVING	11	12	13	14	15	Canada September 2022
16	17	18	19	20	21	22	S M T W TH 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
23	24	25	26	27	28	29	November 2022 S M T W TH 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
30	31		EASTERN A MONITORII	THABASCA RE	GIONAL		
	HALLOWEEN		INFO@EARMP.C				



### eyune zaa

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

### **NOVEMBER** 2022

kaskatinowipīsim

Cree meaning for the month of November

- freeze up moon

	SATURDAY	FRIDAY	THURSDAY	WEDNESDAY	TUESDAY	MONDAY	SUNDAY
Government of Gaskatchewan	5	4	3	2	1		
Cameco							
Cameco	12	11	10	9	8	7	6
orano		REMEMBRANCE DAY					
	19	18	17	16	15	14	13
Canadä				1			
October 2022							
S M T W TH F S  1 2 3 4 5 6 7 8	26	25	24	23	22	21	20
9 10 11 12 13 14 15							
16 17 18 19 20 21 22 23 24 25 26 27 28 29							
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## tedhe yati zaa Dene meaning for the month of December

- midnight mass or Christmas month

## **DECEMBER** 2022

## thithikopīwipīsim

Cree meaning for the month of December

- hoar frost moon

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
			17- 6			
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	FIRST DAY OF WINTER	22	23	<b>24</b> CHRISTMAS EVE
25	26	27	28	29	30	31
CHRISTMAS DAY	BOXING DAY					NEW YEAR'S EVE









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# 2023

#### **JANUARY**

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#### **SEPTEMBER**

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#### **OCTOBER**

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#### JULY

SUN MON TUE WED THU FRI SAT

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#### **NOVEMBER**

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#### **APRIL**

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#### **AUGUST**

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#### **DECEMBER**

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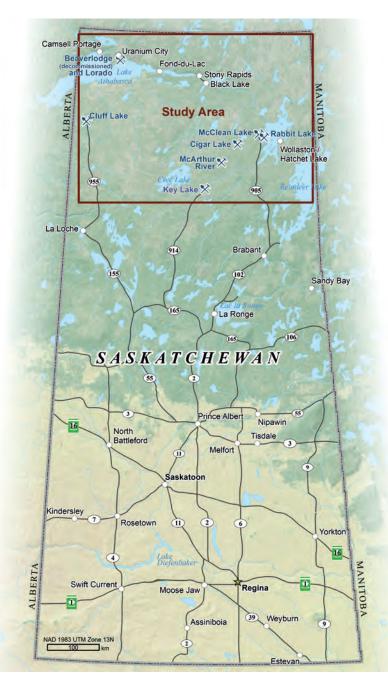
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#### EASTERN ATHABASCA REGIONAL MONITORING PROGRAM

# 2022

#### **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. The community program tests water, berries, fish, birds, 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.

#### **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. This monitoring program is completed and the data will be used to assess future cumulative effects. The technical sampling program results of the program are also available at www.earmp.com.











Dene words and meanings obtained from Rose Joseyounen, Wollaston Lake, SK.

Cree words and meanings obtained from: www.giftoflanguageandculture.ca
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# EASTERN ATHABASCA REGIONAL MONITORING PROGRAM

