



# SURGE CURRENTS

S.N.C.A.

Volume 171

April 2021

## COVID Vaccination Report

By the time you read this, at least 226 full time and seasonal residents (who are here) and staff will be vaccinated with their initial dose of the Pfizer vaccine. This is exciting to me in keeping our community as COVID-safe as possible.

It takes a community together to make this happen; thank you to the countless people who've jumped in to help. They include our neighbourhood information



*Paul and Nahanni*

co-coordinators and supporters, who went the extra mile to ensure all residents had the opportunity to say yes or no, did numerous follow-ups for correct contact information, coordinated boat transport, relayed questions etc., (key team members Nahanni- Stuart Island and area, Karen T.- Rendezvous, Renate H – Sonora Owen Bay, Miray – Diamond Bay, and for Read Island - Rosie, Kathy B, Wendy, Sally, Donna, Jen & Clarke, along with many helpers, such as Johanna, Claudia, and Laurie for Maurelle); bakers of yummy treats (Sally, Donna, Brenda, Roberta, Anne W, Ginny); land transportation (Bruce K, Keith C), generator and school internet (Clarke), firing up the Bunkhouse woodstove at 6:30 AM (Bruce K), equipment loans (Sally/David, Ralph).

And most importantly, to the medical team: Dr. Steve Hughes, who volunteered again and again to come and vaccinate all day; to nurse Heather Jansen, who has made a special point to come and vaccinate her home community; to Island Health clinic nurse Jaime Guthrie, who is leading vaccination clinics day after day, and to the Vancouver Island North - Lead Organizer of all clinics - Stacey Chow, who has been consistently supportive and enthusiastic.



Some of you might be wondering – why the Bunkhouse? Options were offered to Jaime at Public Health, this is what she chose. However, she and I will take a few minutes to look at the other possibilities for Vaccination Clinic #2, perhaps even the dock clinic idea, where recipients might pull their boats to the dock to be vaccinated, then pull away slightly during the monitoring period. A unique idea, we'll see if it might work here. Date for clinic #2 will be communicated as soon as we know.

You might also be asking – how were we able to get a local vaccination clinic here, earlier than many other locations? Luckily – the Campbell River Island Health staff know me as we've worked together on the local flu shot - children's vaccination clinics each fall for many years. I also let Island Health know last December and this February we were standing by to make a clinic happen whenever they were ready. So it was very exciting for me to get a call from both Campbell River and the Capital Region health authority on March 11<sup>th</sup> saying "make it so". Thanks to all of you – we have.

*Ginny Vassal*

### *Emergency Preparedness*

P.S. Yesterday, our lead nurse, Jaime, approved doing the 2nd vaccination clinic, likely July, on the Surge Narrows dock. That means the many people coming by boat will be able to do a "float-by", staying on their boat for the vaccination, then drifting in the area for the 15 minutes post-vaccination monitoring. And residents coming by land on Read Island will be served on the wharf, no walking on water required.



*Lead nurse Jaime Guthrie and Merlin*



*Dr. Steve Hughes and Kathy Barnes*



*Nurse Heather Jansen and Zephyr*

*It's a matter of "seen one, seen them all" when it comes to getting our shots, but you get the idea. Missing from the pictures are a public health worker who was an essential part of the team in the function of meeting and greeting and making sure the flow of traffic through the Bunk House was smooth and orderly, and Ginny, who did so much to make this happen. She kept everyone supplied with coffee and cookies as we waited our requisite 15 minutes to make sure there were no extreme reactions to the shots. It was more socializing than we have seen around here since this Covid ordeal began over a year ago. KB*

***It was a joyous occasion. Never have so many people been SO HAPPY to get a shot! Thank you all for a beautifully organized, efficient and welcoming event. KB***

# Current Events and Notices

## Medical Clinic April

NP Pat will be attending the clinic on April 7th. And Dr. Mary standing in for Dr. Steve on the 21st.

## Canada Post re: online forms for U.S. and International Packages

Canada Post is asking customers to fill out a customs form online if you are sending a parcel to the U.S. or an International destination if you have a computer and printer. You can access a fill in form online: [Canadapost.ca/customs](https://canadapost.ca/customs) and you will be able to get a customs sheet with a bar code. If you are able to do this customs form, could you please print it off and bring it to the post office when you send your parcel. Could you please let me know if you require any further information?

Thanks, Donna Keeling, Postmaster Surge Narrows email: [bruce-keeling@shaw.ca](mailto:bruce-keeling@shaw.ca) or call (250) 830-4008.

## THE FIREWOOD PROJECT



Thanks to a second grant from the Campbell River Community Foundation we will be continuing the Firewood Project this spring and summer.

I'm very pleased to announce that Zephyr Polk is taking over the administration of the grant. She's in touch with the firewood workers and will be checking with last year's clients, as well as several new clients, to see what this year's needs are.

If you have any questions about working or becoming a client please contact Zephyr: [zef\\_13@hotmail.com](mailto:zef_13@hotmail.com)

Many thanks to last year's nine workers who provided firewood to nine couples and five individuals. The service has proven to be a valuable one. The plan, now, is to transition this project into a self-sufficient firewood program that will continue long after the Covid-19 grants end.

Sally Davies

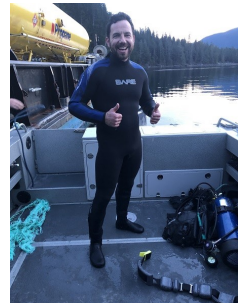
## A Mobile Mechanic Has Come to Town

**And here is his contact information missed in the last Surge Currents:**

**Email:** [jayssongreenfield@hotmail.com](mailto:jayssongreenfield@hotmail.com)

**Phone:** 250-203-4922

- Marine mechanical repairs
- Marine electrical repairs
- Fibre glass fabrication and repairs
- Marine surveying services including— validation for insurance, pre-purchase, stability, gross tonnage and assistance with Transport Canada certificates
- Diving services including— dock/mooring maintenance, hull cleaning, emergency recovery etc.
- Small engine repair
- Automotive repair
- ATV and outdoor power product repairs



# Current Events and Notices

## **Celebrate Read Island's Mother Tree Earth Day Community Picnic & Beach Cleanup 10am – 2 pm Thursday April 22**

Gather with friends for a picnic by the Giant Cedar at White Rock Pass, and enjoy a wander in the beauty of the surrounding forest...

Let's also make this place feel appreciated! Bring your work gloves and lend a hand cleaning up garbage that's dumped in the vicinity.

Depart from Surge Dock at 10 am by boat. BYO lunch and gloves and community spirit!

Boat rides: please contact Steve at [stephenvbarnes@gmail.com](mailto:stephenvbarnes@gmail.com) or 778-770-2460 if you need a ride from Surge, or if you have space to bring others in your boat. All appropriate Covid protocols to be observed.

## **INFORMAL "DOWNTOWN" SURGE NARROWS VISIONING Wednesday April 7, 2021**

Are you interested in talking about the future of the Surge Store and the Regional Districts properties at Surge Narrows?

Come join us for an informal discussion and walkabout to share ideas and possibilities for the future of downtown Surge.

## **Important information to add to the SNCA Board Update page 9:**

The SNCA Board has recently been asked by SRD to distribute to the community a workbook on the Integrated Community Sustainability Plan for SRD Area C. This workbook asks for feedback on the vision, strategic priorities, actions and performance indicators developed by SRD and the consultants following the meeting in the Fall of 2019.

**Jim Abram has a lot to say about the contents of this workbook in the Discovery Islander available online today and in print later. It is important to read his critique before you fill it out.**

**The workbook will be sent out shortly. KB**

## **'For the Birds' Fundraiser and online trivia night in support of Mitlenatch Island**

Join 'For The Birds' on April 14, 2021 – a fun online trivia night for Mitlenatch Island.

Mitlenatch Island, a protected bird sanctuary in the middle of the northern Strait of Georgia, is a special place and the Mitlenatch Island Stewardship Team (MIST) was formed in 2010 to support BC Park's mandate to provide protection for the island.

For more info click on the link below:

<https://www.campbellrivermirror.com/community/fundraiser-and-online-trivia-night-in-support-of-mitlenatch-island/>



## Artist Trading Card Exchange – Join Us!

Inspired by the Artist Trading Card exchange run by the Campbell River Art Gallery (CRAG), the Surge kids have been making their own art trading cards. Our first batch was sent off to the CRAG, and we received back some really neat art cards from other artists in the area.

Many of the kids have continued making art cards, and we have a vision of all the school kids having a card collection to keep and trade and add to!

**If any community member would like to join us in creating or trading these cards with the school kids, please do!** They must be about 2.5 by 3.5 inches and can be any type of original art you want!

**If you would like to participate in the CRAG Artist Trading Card exchange instead or as well (the next deadline is May 29<sup>th</sup>), more information is available here:** <https://crartgallery.ca/programs-and-events/event-calendar-and-registration/#!event/2021/5/29/artist-trading-cards>

Here are a few of the art cards created by the kids and community so far:



Birds by Kai

Submitted by Zephyr Polk

### My Trip to See the Herring Spawn by Dylan Harvey

My trip begins with a groan as my alarm goes off at 6am. I quickly get dressed then I go downstairs where breakfast is ready. I quickly eat and then we hop in the boat. Then John Toninato shows up. He is coming too. We go to Surge to pick up Coady, Zephyr and Salix, then we talk and play for about two hours on the boat on our way to Hornby Island, when we all see the ocean goes milky.



We're almost there, and when we get to Hornby me, my dad and John start fishing. I catch the first three herring, then John catches one. Now everybody is catching them. Then we move and drop everyone off the boat who isn't fishing. And we anchored and started catching them by the twos, threes, fours, and John even got one with five. Then when we pull up the anchor and head to check out the other side of the island with everyone of course. When we get home, we count the herring find we've got around three hundred!!! Then we all go to bed early.

### Hornby Island Herring Spawn by Jasmine Harvey

On the beautiful sunny day of March 11, 2021, we left at 7:00, after taking with us Owen Bay John, to make the 2-hour boat trip to Hornby Island. When we got to the Surge dock, we picked up Salix, Zephyr and Coady. With 9 people in the boat, we were all a bit squished...

The trip was worth it! On my first sighting of the herring spawn I was amazed! Because of the herring milt, the water had turned to a pale blue (I compared it to the water of Bute Inlet). All around, there was a wide array of ani-



mals, everyone feasting. All the other animals combined could not compare to the number of birds. There was at least one million surf scoters... But there used to be herring spawning everywhere. What happened?



About 90% of herring population is gone. Hornby is one of the last big herring spawning grounds in the Salish Sea and it is still being fished! There were many commercial fishing boats, all reeling in big nets with thousands of herring, leaving almost nothing for the other animals.



This needs to stop.

While we were there, I listed all the different species of animals I could see.

**Wildlife diversity count** I'm sure I missed a few but this is what I fully identified.

Surf scoter Canada goose White winged scoter Mallard Harlequin Bufflehead Long-tailed duck Common goldeneye Barrow's goldeneye Common merganser Red-breasted merganser Red-necked grebe	Horned grebe Western grebe Western grebe Black oystercatcher Killdeer Sand piper (I am not sure which type!) Ring-billed gull California gull Herring gull Glaucous gull Glaucous-winged gull	Pacific loon Common loon Brants cormorant Great blue heron Bald eagle Belted kingfisher Stellar's jay Red winged blackbird Song sparrow Stellar sealion California sealion Herring (of course) Harbor seals
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# Walk on The Wild Side

*the Forest, the Salmon Creek*

*The Bridge, where*

*my painting celebrates the*

*"Female Landscape"*

*Joyful energy, nurturing, vital/  
struggles, the endurance,*

*Waking into Spring  
with a sketchbook, a smile  
and a poem for Salmon*

*Hope to see you there on Vac Day  
Cheers, Tina*



*Tina and her special commemorative  
Mary Ann Moss cookies!*



## Ruffed Grouse Drumming Pattern Research – Local Help Requested!

**What it's all about:** A University of Alberta M.Sc. student, Jeremiah Kennedy, is studying the drumming patterns of Ruffed Grouse all across North America. He has found that drumming patterns are distinctly different on Vancouver Island than they are in the Okanagan, but has no data from the areas in between. He is particularly keen for data from Read, Cortes and Quadra, as they are a known isolation point between several populations of squirrels (Red, Douglas and Flying squirrels) and so may also be places where different grouse populations meet.

**What to do:** Record grouse drumming any time you hear some this spring! Jeremiah says that he can often get usable data even from fairly low-quality recordings (i.e. your phone video) so please give it a try! The Surge School kids will be keeping an ear out as well.

**Who to contact:** You can send audio/video files directly to [jeremiahjckennedy@gmail.com](mailto:jeremiahjckennedy@gmail.com). If you are having technical issues with sending files, Zephyr will try to give you a hand (email [zef\\_13@hotmail.com](mailto:zef_13@hotmail.com) or message Zephyr via FB).

Zephyr Polk

## Invitation to Participate: Community Mapping Project—Part 2

Eve Flager, with direction from B.C.'s sustainable forester par excellence Herb Hammond, created a Protected Landscape Network (PLN) plan for Read Island. A PLN plan uses principles of ecosystem-based conservation and available datasets to identify and delineate the key areas of a landscape that need to be protected or restored in order to maintain ecosystem functionality and biodiversity.

**A series of maps and explanations may be viewed in the school gym (Murray Hall) from April 15<sup>th</sup> onward.**

The Surge Narrows Forestry Advisory Committee and the Discovery Islands Ecosystem Mapping project invite you to this self-guided workshop. Put your thinking caps on and bring your knowledge of Read Island to the table. Allocate a good hour or more for this informative and interesting interactive tour.

### Saving Big Trees, Part 2

#### What You Can Do

After searching about some and measuring our big standing trees and old growth stumps we discovered that almost none of our trees meet the provincial requirements for protection as “old growth.”

But we will protect what is ours! Although promising to protect “more old growth” the provincial government is slow to action. We the people need to take charge.

We are forging ahead with measuring and mapping our old and big trees and stands. This data will be shared with other publicly available registries around the Salish Sea. The more we know and share about what is here, the greater our argument for protecting this spectacular place.



If you know of a big or old tree, stump or stand you can help to record the information in any of three ways:

- Use your smartphone: take a picture and send it to SNFA (attach or share) at: [surgenarrows-fac@gmail.com](mailto:surgenarrows-fac@gmail.com) with its location information. Attach GPS data to your images by turning on your location information.
- On an Android: open the Settings App, look under Apps, Camera Settings, and turn on Location tags. Then share your photo (tap the share icon beneath the photo) as an email attachment.
- On an iPhone: open the Settings app, go to Privacy, Location Services, and Camera and set it to “while using” or “always.” Then share your photo by tapping the share icon, tapping the little blue options, select Include, tap “All Photos Data.”

If you have time, take the tree's circumference at breast height (1.37m above ground) and include this in your email – this is super helpful information to the registry.

- Borrow an iPad and diameter tape field kit from SNFAC. Detailed instructions on how to record the data with the iPad's software are included. Fun to learn!
- Send an email to SNFAC describing your tree, stump or stand, and its location.

Let's do this together!

Johanna Paradis

## SNCA BOARD UPDATE

Happy Spring everyone! We hope you all are enjoying the longer days and this beautiful weather. Here's an update from the SNCA Board:

- Administrating and completing grants - The Firewood Grant continues through the spring but the Storytelling Grant and the Directors Handbook Grant are wrapping up. The Grants enabled the collection of a wealth of amazing stories from past and current Islanders, as well as the creation of a draft Handbook for SNCA Directors which compiled information on how to run the organization. Thanks to Zephyr and Sally for doing such a great job administering these grants.
- New grant applications - Rosie and Jim put together an application for a grant to build an open air, covered gathering space at Surge. The structure would be enable the community, school children, and groups like Book Club or yoga to gather outdoors. Thanks to Rosie and Jim for taking the time to make that application.
- Input on the Integrated Sustainability Plan (ICSP) - We have recently been asked by SRD to distribute to the community a workbook on the Integrated Community Sustainability Plan for SRD Area C. This workbook asks for feedback on the vision, strategic priorities, actions and performance indicators developed by SRD and the consultants following the meeting in the Fall of 2019. In reading this workbook, the Board (and Judith) have identified numerous concerns with the content. It is our understanding that neither Jim Abram nor any other member of our community were consulted in the development of this document. This has led to the production of a workbook that, in our example, fails to account for the uniqueness of living remotely. For example, one performance indicator is to track the number of houses that are taken off the grid!
- The Board, with input from Judith, has written a comprehensive letter to SRD expressing our concerns. This letter will accompany the upcoming distribution of the workbook. We do believe it is important for members of our community to respond to the request for feedback and hope that our letter will provide guidance for everyone. Look for this letter and workbook to arrive shortly in your email. The workbook will need to be completed by April 16<sup>th</sup>.
- Constitutional review - We didn't receive any comments on the proposed change in SNCA purpose, which requires an amendment to the SNCA constitution. Over the next few weeks we will be reviewing and propose updates to the bylaws, which are included in the constitution. At this point it looks like the changes will mostly update the male dominated language and a couple of administrative points. Our goal is to present the revised Constitution for approval at our Fall 2021 AGM.
- Streamlining SNCA business and operations - Both the SNCA Directors Handbook project as well as updating the SNCA Constitution are in line with our overall objective of making the process for running SNCA more efficient and simple. In the long term we hope that these improvements will encourage community members to serve time on the Board.
- We'd like to say a big thank you to Ginny for coordinating the Covid Vaccination Clinic at Surge Narrows. Thank you as well to the volunteers from the various "neighbourhoods" of our community who helped gather the information and logistical support for Ginny's overall coordination work.

Thanks everyone, enjoy your month! If you have any questions please contact Sheila at [fashedo@hotmail.com](mailto:fashedo@hotmail.com).

Sheila Hollanders  
Jim Mallis  
Rosie Steeves  
Stephen Barnes  
Dood Turner

## SNFAC Update

Hi everyone,

It has been a fairly quiet month in some regards. We are assuming the WLP for 0046 has been or will be shortly submitted. Len Apedaile (David Graham's forester) has made changes to the plan based on the 43 letters with comments which he received from our community. We were promised a draft of the changed WLP but have not yet received a copy. We know that there will be pressure to begin logging heavily in Woodlot 0046 as soon as the license is approved. Also, we have been told that there will be no specific protection for our remaining Old Growth Forest in the plan, so we wait with significant apprehension for its submission and likely approval.

We also continue to wait for a response from Lee Pond about the sale of DL 309 to the Community and Wilderness International.

Our monthly hike was cancelled due to weather.

On March 8th we conducted our monthly meeting via zoom. Anyone who is interested in participating is welcome. Please contact SNFAC at [surgenarrowsfac@gmail.com](mailto:surgenarrowsfac@gmail.com) and you will be sent the link to join.

Instead of providing numerous links to various articles of interest we decided to just submit one relevant article this time.

### **Keeping trees in the ground where they are already growing is an effective low-tech way to slow climate change**

*The Conversation*—February 22, 2021 8.23am EST Updated February 23, 2021 6.12pm EST

For more information: <https://theconversation.com/keeping-trees-in-the-ground-where-they-are-already-growing-is-an-effective-low-tech-way-to-slow-climate-change-154618>

Snippets:

Protecting forests is an essential strategy in the fight against climate change that has not received the attention it deserves. Trees capture and store massive amounts of carbon. And unlike some strategies for cooling the climate, they don't require costly and complicated technology.

#### **Carbon stockpiles that grow**

Forests pull about one-third of all human-caused carbon dioxide emissions from the atmosphere each year.

Researchers have calculated that ending deforestation and allowing mature forests to keep growing could [enable forests to take up twice as much carbon](#).

#### **Focus on big trees**

In a recently published analysis of carbon storage in six national forests in Oregon, we showed why a strategic forest carbon reserve program should [focus on mature and old forests](#). Big trees, with trunks more than 21 inches in diameter, make up just 3% of these forests but store 42% of the above-ground carbon. Globally, a 2018 study found that the largest-diameter 1% of trees hold [half of all the carbon stored in the world's forests](#).

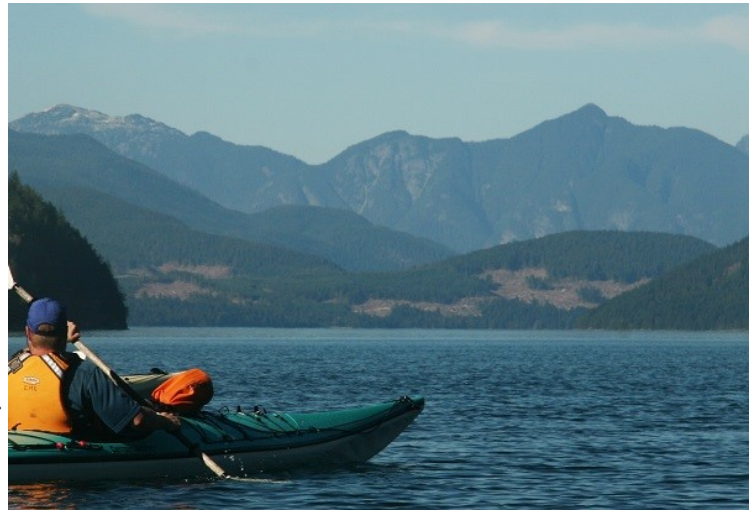


## Forest Industry Review for Discovery Islands

If you live here, if you recreate on the water, if you operate a scenery-dependent tourism business, or if you care for any other reason... Here is an important opportunity for our local community to comment on logging in the visual corridors of the Discovery Islands.

The government's **Sunshine Coast Natural Resource District Visual Quality Objective Review** (SCNRDVQO Review) is underway. A strong community response can help reduce the size and frequency of clearcut logging visible from marine corridors throughout these islands.

The stated objective of this Review is to determine a level of viewshed protection for scenic corridors important to the tourism industry, residents, and recreational users. The area under review is essentially the entire viewshed from the east side of Quadra Island – the outer Discovery Islands (Cortes, Read, Maurelle, Raza, Stuart, and Redonda Islands) and mainland mountains which are part of the Sunshine Coast Forest District. (Quadra and Sonora Islands are in the Campbell River Forest District and not included in this VQO Review.)



*Stuart Island and Calm Channel/ note the cut blocks*

Like most FLNRORD processes, the review is complex and full of acronyms, but here's a short summary for real people: All of the public "Crown" land within the Discovery Islands has a *Visual Quality Objective* (VQO) designation. (You can search online to see the 5 VQO classifications: [Guide to Visual Quality Objectives in BC](#).) The VQO does not stop logging, but it limits how much is visible from a given vantage. Allowable visual-impacts range from *Preservation* (no logging is visible) to *Maximum Modification* (unrestricted and highly-visible.) Most of the Discovery Islands have a VQO classification of *Partial Retention*, which is the medium classification. With *Partial Retention* you can see the logged area but the size of the opening is limited.

Most forest Licensees design cutblocks to the maximum allowable for their VQO designation. For marine wilderness tourism operators and most recreational users, *Partial Retention* is still quite visually disruptive. Most marine tourism businesses support increased viewshed protection through higher VQO designations of "*Retention*" and sometimes "*Preservation*".

You can view FLNRORD's current proposed VQO maps here: [ftp://ftp.for.gov.bc.ca/dsc/external!/publish/2020\\_DSC\\_VQO\\_GAR](ftp://ftp.for.gov.bc.ca/dsc/external!/publish/2020_DSC_VQO_GAR)

Marine based wilderness tourism in the Discovery Islands supports a \$50 million per year industry and employs hundreds of people. Increasing visual protection to VQO *Retention* or *Preservation* goes a long way to protecting scenic values for tourism, with only modest impacts on the forest industry. It also protects beauty that we all appreciate.

Your comments can be simple. Please email:

Derek Lefler, District Manager, SCNRD

[Derek.Lefler@gov.bc.ca](mailto:Derek.Lefler@gov.bc.ca)

Submitted by Ralph Keller

# April 2021

## Beazley

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
<b>1</b>	<b>0043</b>	0331	+7.9	<b>16</b>	<b>0053</b>	0346	+5.3
	<b>0633</b>	0934	-8.4		<b>0628</b>	0930	-6.2
TH	<b>1254</b>	1604	+10.5	FR	<b>1242</b>	1557	+8.3
JE	<b>1935</b>	2240	-7.8	VE	<b>1930</b>	2240	-6.5
<b>2</b>	<b>0139</b>	0423	+6.4	<b>17</b>	<b>0138</b>	0429	+4.4
	<b>0718</b>	1021	-7.3		<b>0704</b>	1006	-5.5
FR	<b>1341</b>	1658	+9.7	SA	<b>1318</b>	1636	+7.9
VE	<b>2037</b>	2349	-7.1	SA	<b>2017</b>	2329	-5.9
<b>3</b>	<b>0245</b>	0519	+5.1	<b>18</b>	<b>0234</b>	0523	+3.6
	<b>0810</b>	1119	-6.0		<b>0748</b>	1051	-4.7
SA	<b>1434</b>	1800	+8.7	SU	<b>1359</b>	1725	+7.4
SA	<b>2148</b>			DI	<b>2115</b>		
<b>4</b>		0050	-6.3	<b>19</b>		0032	-5.4
	<b>0405</b>	0638	+4.1		<b>0345</b>	0629	+3.2
SU	<b>0918</b>	1230	-4.9	MO	<b>0845</b>	1156	-4.0
DI	<b>1536</b>	1915	+7.6	LU	<b>1452</b>	1824	+6.9
	<b>2302</b>				<b>2220</b>		
<b>5</b>		0214	-5.8	<b>20</b>		0129	-5.2
	<b>0529</b>	0759	+3.8		<b>0503</b>	0739	+3.4
MO	<b>1046</b>	1356	-4.3	TU	<b>0958</b>	1310	-3.9
LU	<b>1648</b>	2037	+7.4	MA	<b>1555</b>	1934	+6.7
					<b>2326</b>		
<b>6</b>	<b>0013</b>	0334	-6.2	<b>21</b>		0241	-5.4
	<b>0640</b>	0924	+4.2		<b>0608</b>	0846	+4.2
TU	<b>1218</b>	1519	-4.5	WE	<b>1124</b>	1430	-4.4
MA	<b>1805</b>	2153	+7.7	ME	<b>1706</b>	2051	+7.1
<b>7</b>	<b>0114</b>	0440	-7.0	<b>22</b>	<b>0025</b>	0340	-5.9
	<b>0736</b>	1034	+5.2		<b>0659</b>	0937	+5.5
WE	<b>1331</b>	1630	-5.0	TH	<b>1243</b>	1538	-5.3
ME	<b>1916</b>	2255	+8.1	JE	<b>1820</b>	2143	+7.7
<b>8</b>	<b>0205</b>	0533	-7.7	<b>23</b>	<b>0116</b>	0430	-6.5
	<b>0822</b>	1128	+6.3		<b>0742</b>	1035	+6.9
TH	<b>1427</b>	1727	-5.7	FR	<b>1345</b>	1627	-6.3
JE	<b>2014</b>	2344	+8.3	VE	<b>1926</b>	2242	+8.3
<b>9</b>	<b>0248</b>	0615	-8.1	<b>24</b>	<b>0201</b>	0512	-7.2
	<b>0902</b>	1212	+7.3		<b>0823</b>	1122	+8.2
FR	<b>1512</b>	1814	-6.3	SA	<b>1436</b>	1729	-7.2
VE	<b>2103</b>			SA	<b>2024</b>	2329	+8.7
<b>10</b>		0025	+8.3	<b>25</b>	<b>0243</b>	0551	-8.0
	<b>0326</b>	0650	-8.1		<b>0902</b>	1205	+9.4
SA	<b>0938</b>	1249	+7.9	SU	<b>1522</b>	1819	-7.8
SA	<b>1552</b>	1855	-6.8	DI	<b>2115</b>		
	<b>2144</b>						
<b>11</b>		0100	+8.1	<b>26</b>		0013	+8.9
	<b>0359</b>	0719	-7.9		<b>0323</b>	0627	-8.7
SU	<b>1012</b>	1322	+8.3	MO	<b>0942</b>	1247	+10.4
DI	<b>1629</b>	1931	-7.1	LU	<b>1607</b>	1907	-8.2
	<b>2223</b>				<b>2204</b>		
<b>12</b>		0132	+7.8	<b>27</b>		0056	+8.8
	<b>0430</b>	0744	-7.4		<b>0402</b>	0704	-9.1
MO	<b>1043</b>	1352	+8.4	TU	<b>1021</b>	1328	+11.1
LU	<b>1704</b>	2005	-7.3	MA	<b>1652</b>	1954	-8.5
	<b>2259</b>				<b>2252</b>		
<b>13</b>		0202	+7.3	<b>28</b>		0139	+8.4
	<b>0459</b>	0808	-6.9		<b>0442</b>	0742	-9.1
TU	<b>1113</b>	1421	+8.6	WE	<b>1102</b>	1411	+11.3
MA	<b>1738</b>	2040	-7.4	ME	<b>1738</b>	2043	-8.6
	<b>2335</b>				<b>2341</b>		
<b>14</b>		0234	+6.8	<b>29</b>		0226	+7.7
	<b>0528</b>	0832	-6.9		<b>0524</b>	0824	-8.7
WE	<b>1142</b>	1451	+8.6	TH	<b>1143</b>	1456	+11.2
ME	<b>1812</b>	2117	-7.3	JE	<b>1827</b>	2134	-8.3
<b>15</b>	<b>0012</b>	0308	+6.1	<b>30</b>	<b>0033</b>	0316	+6.7
	<b>0557</b>	0859	-6.6		<b>0608</b>	0910	-7.8
TH	<b>1211</b>	1523	+8.6	FR	<b>1227</b>	1544	+10.6
JE	<b>1849</b>	2157	-7.0	VE	<b>1921</b>	2229	-7.8

## Hole in the Wall

Turns		Maximum		renverse		maximum	
Day	Time	Time	Knots	jour	heure	heure	noeuds
<b>1</b>	<b>0054</b>	0339	+8.0	<b>16</b>	<b>0105</b>	0356	+5.1
	<b>0640</b>	0937	-8.7		<b>0636</b>	0938	-6.4
TH	<b>1305</b>	1611	+10.8	FR	<b>1256</b>	1605	+8.5
JE	<b>1941</b>	2246	-7.8	VE	<b>1935</b>	2248	-6.6
<b>2</b>	<b>0151</b>	0433	+6.5	<b>17</b>	<b>0153</b>	0441	+4.2
	<b>0725</b>	1026	-7.7		<b>0712</b>	1016	-5.7
FR	<b>1353</b>	1705	+10.0	SA	<b>1333</b>	1646	+8.1
VE	<b>2042</b>	2355	-7.2	SA	<b>2023</b>	2338	-6.2
<b>3</b>	<b>0300</b>	0533	+5.0	<b>18</b>	<b>0253</b>	0538	+3.4
	<b>0817</b>	1125	-6.4		<b>0756</b>	1103	-5.0
SA	<b>1447</b>	1808	+8.8	SU	<b>1417</b>	1735	+7.5
SA	<b>2152</b>			DI	<b>2119</b>		
<b>4</b>		0057	-6.5	<b>19</b>		0045	-5.8
	<b>0424</b>	0651	+4.1		<b>0410</b>	0645	+3.0
SU	<b>0923</b>	1238	-5.2	MO	<b>0852</b>	1205	-4.2
DI	<b>1550</b>	1923	+7.7	LU	<b>1510</b>	1836	+7.0
	<b>2306</b>				<b>2222</b>		
<b>5</b>		0225	-6.0	<b>20</b>		0142	-5.6
	<b>0549</b>	0809	+3.8		<b>0529</b>	0759	+3.3
MO	<b>1049</b>	1402	-4.7	TU	<b>1004</b>	1323	-4.3
LU	<b>1703</b>	2045	+7.4	MA	<b>1613</b>	1946	+6.8
					<b>2328</b>		
<b>6</b>	<b>0016</b>	0344	-6.4	<b>21</b>		0252	-5.8
	<b>0658</b>	0926	+4.2		<b>0629</b>	0855	+4.2
TU	<b>1221</b>	1527	-4.8	WE	<b>1129</b>	1441	-4.9
MA	<b>1819</b>	2200	+7.7	ME	<b>1724</b>	2055	+7.2
<b>7</b>	<b>0118</b>	0450	-7.2	<b>22</b>	<b>0027</b>	0349	-6.3
	<b>0753</b>	1045	+5.1		<b>0715</b>	0952	+5.5
WE	<b>1335</b>	1636	-5.2	TH	<b>1249</b>	1546	-5.7
ME	<b>1929</b>	2301	+8.0	JE	<b>1835</b>	2157	+7.9
<b>8</b>	<b>0210</b>	0543	-7.8	<b>23</b>	<b>0120</b>	0437	-6.9
	<b>0837</b>	1135	+6.2		<b>0757</b>	1043	+7.0
TH	<b>1431</b>	1733	-5.8	FR	<b>1351</b>	1644	-6.6
JE	<b>2026</b>	2350	+8.2	VE	<b>1940</b>	2249	+8.5
<b>9</b>	<b>0254</b>	0625	-8.1	<b>24</b>	<b>0206</b>	0518	-7.5
	<b>0916</b>	1218	+7.1		<b>0836</b>	1128	+8.5
FR	<b>1518</b>	1821	-6.3	SA	<b>1442</b>	1736	-7.4
VE	<b>2114</b>			SA	<b>2036</b>	2336	+9.0
<b>10</b>		0031	+8.2	<b>25</b>	<b>0248</b>	0555	-8.3
	<b>0332</b>	0659	-8.1		<b>0914</b>	1210	+9.9
SA	<b>0951</b>	1255	+7.8	SU	<b>1529</b>	1825	-8.0
SA	<b>1559</b>	1901	-6.7	DI	<b>2127</b>		
	<b>2155</b>						
<b>11</b>		0106	+8.1	<b>26</b>		0019	+9.2
	<b>0406</b>	0726	-7.7		<b>0329</b>	0631	-9.0
SU	<b>1024</b>	1328	+8.1	MO	<b>0953</b>	1252	+10.9
DI	<b>1636</b>	1937	-6.9	LU	<b>1614</b>	1912	-8.3
	<b>2233</b>				<b>2215</b>		
<b>12</b>		0138	+7.7	<b>27</b>		0102	+9.1
	<b>0437</b>	0751	-7.2		<b>0408</b>	0707	-9.4
MO	<b>1055</b>	1358	+8.5	TU	<b>1032</b>	1333	+11.6
LU	<b>1711</b>	2012	-7.1	MA	<b>1658</b>	1959	-8.4
	<b>2310</b>				<b>2302</b>		
<b>13</b>		0210	+7.3	<b>28</b>		0146	+8.7
	<b>0506</b>	0814	-7.0		<b>0449</b>	0745	-9.5
TU	<b>1125</b>	1428	+8.8	WE	<b>1112</b>	1415	+11.8
MA	<b>1745</b>	2047	-7.3	ME	<b>1744</b>	2048	-8.3
	<b>2346</b>				<b>2352</b>		
<b>14</b>		0242	+6.8	<b>29</b>		0233	+7.9
	<b>0535</b>	0839	-7.0		<b>0530</b>	0827	-9.0
WE	<b>1154</b>	1458	+8.8	TH	<b>1154</b>	1500	+11.6
ME	<b>1819</b>	2124	-7.3	JE	<b>1832</b>	2139	-8.2
<b>15</b>	<b>0024</b>	0317	+6.1	<b>30</b>	<b>0045</b>	0324	+6.8
	<b>0604</b>	0907	-6.8		<b>0615</b>	0914	-8.2
TH	<b>1224</b>	1530	+8.7	FR	<b>1238</b>	1550	+10.9
JE	<b>1855</b>	2204	-7.0	VE	<b>1926</b>	2234	-7.8

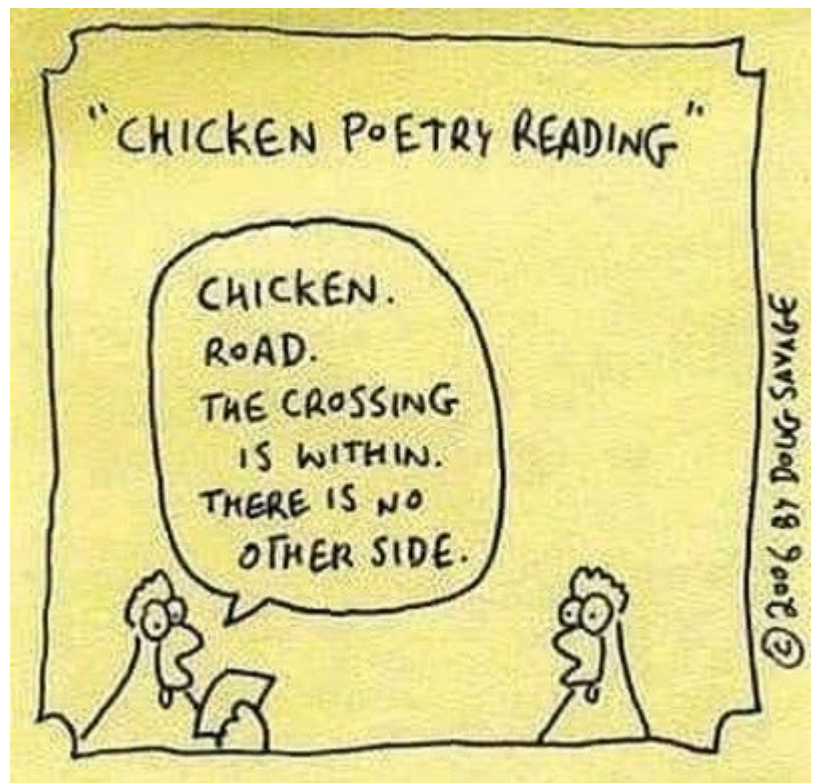
## Campbell River

Day Time		Metres Feet		jour heure		mètres pieds	
<b>1</b>	<b>0024</b>	<b>2.7</b>	<b>8.9</b>	<b>16</b>	<b>0130</b>	<b>3.2</b>	<b>10.5</b>
	<b>0634</b>	<b>4.1</b>	<b>13.5</b>		<b>0552</b>	<b>3.6</b>	<b>11.8</b>
TH	<b>1353</b>	<b>0.8</b>	<b>2.6</b>	FR	<b>1331</b>	<b>1.1</b>	<b>3.6</b>
JE	<b>2054</b>	<b>3.8</b>	<b>12.5</b>	VE	<b>2112</b>	<b>3.8</b>	<b>12.5</b>
<b>2</b>	<b>0135</b>	<b>3.1</b>	<b>10.2</b>	<b>17</b>	<b>0243</b>	<b>3.3</b>	<b>10.8</b>
	<b>0710</b>	<b>4.0</b>	<b>13.1</b>		<b>0611</b>	<b>3.6</b>	<b>11.8</b>
FR	<b>1445</b>	<b>0.8</b>	<b>2.6</b>	SA	<b>1410</b>	<b>1.2</b>	<b>3.9</b>
VE	<b>2211</b>	<b>3.8</b>	<b>12.5</b>	SA	<b>2212</b>	<b>3.8</b>	<b>12.5</b>
<b>3</b>	<b>0339</b>	<b>3.3</b>	<b>10.8</b>	<b>18</b>	<b>0357</b>	<b>3.4</b>	<b>11.2</b>
	<b>0751</b>	<b>3.8</b>	<b>12.5</b>		<b>0632</b>	<b>3.5</b>	<b>11.5</b>
SA	<b>1545</b>	<b>0.9</b>	<b>3.0</b>	SU	<b>1455</b>	<b>1.2</b>	<b>3.9</b>
SA	<b>2330</b>	<b>3.9</b>	<b>12.8</b>	DI	<b>2313</b>	<b>3.8</b>	<b>12.5</b>
<b>4</b>	<b>0550</b>	<b>3.3</b>	<b>10.8</b>	<b>19</b>	<b>1548</b>	<b>1.3</b>	<b>4.3</b>
	<b>0843</b>	<b>3.5</b>	<b>11.5</b>				
SU	<b>1659</b>	<b>1.0</b>	<b>3.3</b>	MO			
DI				LU			
<b>5</b>	<b>0041</b>	<b>3.9</b>	<b>12.8</b>	<b>20</b>	<b>0009</b>	<b>3.9</b>	<b>12.8</b>
	<b>0743</b>	<b>3.2</b>	<b>10.5</b>		<b>1650</b>	<b>1.4</b>	<b>4.6</b>
MO	<b>1005</b>	<b>3.3</b>	<b>10.8</b>	TU			
LU	<b>1819</b>	<b>1.2</b>	<b>3.9</b>	MA			
<b>6</b>	<b>0136</b>	<b>4.0</b>	<b>13.1</b>	<b>21</b>	<b>0056</b>	<b>3.9</b>	<b>12.8</b>

## March 2021 Point Atkinson

Day	Time	Metres	Feet	jour	heure	mètres	pieds
<b>1</b>	0141	2.7	8.9	<b>16</b>	0157	3.2	10.5
	0714	4.5	14.8		0644	3.9	12.8
TH	1420	0.7	2.3	FR	1402	1.1	3.6
JE	2129	4.3	14.1	VE	2139	4.2	13.8
<b>2</b>	0238	3.1	10.2	<b>17</b>	0248	3.4	11.2
	0749	4.3	14.1		0705	3.8	12.5
FR	1510	0.7	2.3	SA	1438	1.2	3.9
VE	2246	4.4	14.4	SA	2237	4.2	13.8
<b>3</b>	0353	3.4	11.2	<b>18</b>	0359	3.5	11.5
	0828	4.1	13.5		0726	3.7	12.1
SA	1605	0.9	3.0	SU	1521	1.3	4.3
SA				DI	2337	4.2	13.8
<b>4</b>	0002	4.4	14.4	<b>19</b>	0555	3.5	11.5
	0533	3.5	11.5		0751	3.5	11.5
SU	0920	3.8	12.5	MO	1612	1.4	4.6
DI	1708	1.1	3.6	LU			
<b>5</b>	0114	4.4	14.4	<b>20</b>	0035	4.3	14.1
	0721	3.3	10.8		0744	3.3	10.8
MO	1038	3.5	11.5	TU	0858	3.3	10.8
LU	1817	1.2	3.9	MA	1714	1.5	4.9
<b>6</b>	0214	4.5	14.8	<b>21</b>	0127	4.3	14.1
	0835	3.1	10.2		0817	3.1	10.2
TU	1222	3.4	11.2	WE	1059	3.2	10.5
MA	1928	1.4	4.6	ME	1824	1.6	5.2
<b>7</b>	0302	4.5	14.8	<b>22</b>	0210	4.4	14.4
	0921	2.8	9.2		0843	2.9	9.5
WE	1356	3.5	11.5	TH	1251	3.3	10.8
ME	2031	1.5	4.9	JE	1932	1.6	5.2
<b>8</b>	0340	4.4	14.4	<b>23</b>	0246	4.4	14.4
	0957	2.6	8.5		0913	2.5	8.2
TH	1506	3.6	11.8	FR	1418	3.5	11.5
JE	2124	1.6	5.2	VE	2033	1.7	5.6
<b>9</b>	0410	4.4	14.4	<b>24</b>	0317	4.4	14.4
	1029	2.3	7.5		0946	2.1	6.9
FR	1603	3.7	12.1	SA	1527	3.8	12.5
VE	2209	1.8	5.9	SA	2126	1.8	5.9
<b>10</b>	0436	4.4	14.4	<b>25</b>	0347	4.5	14.8
	1059	2.0	6.6		1022	1.6	5.2
SA	1653	3.9	12.8	SU	1627	4.1	13.5
SA	2249	2.0	6.6	DI	2214	2.1	6.9
<b>11</b>	0459	4.3	14.1	<b>26</b>	0416	4.6	15.1
	1129	1.8	5.9		1059	1.2	3.9
SU	1739	4.0	13.1	MO	1726	4.3	14.1
DI	2326	2.2	7.2	LU	2301	2.4	7.9
<b>12</b>	0522	4.3	14.1	<b>27</b>	0447	4.6	15.1
	1159	1.6	5.2		1140	0.7	2.3
MO	1824	4.1	13.5	TU	1824	4.4	14.4
LU				MA	2349	2.7	8.9
<b>13</b>	0002	2.5	8.2	<b>28</b>	0519	4.6	15.1
	0543	4.2	13.8		1222	0.4	1.3
TU	1228	1.4	4.6	WE	1924	4.6	15.1
MA	1909	4.2	13.8	ME			
<b>14</b>	0038	2.8	9.2	<b>29</b>	0040	3.0	9.8
	0604	4.1	13.5		0554	4.5	14.8
WE	1258	1.2	3.9	TH	1306	0.3	1.0
ME	1956	4.2	13.8	JE	2026	4.6	15.1
<b>15</b>	0115	3.0	9.8	<b>30</b>	0137	3.3	10.8
	0624	4.0	13.1		0631	4.4	14.4
TH	1329	1.2	3.9	FR	1353	0.3	1.0
JE	2045	4.2	13.8	VE	2130	4.7	15.4

## Chicken News



## Aerial Predator Abatement Strategy



A couple of weeks ago we had a hawk harassing our chickens. As we responded promptly with much yelling and waving of arms we lost no chickens. One scrambled through a square in the field fence and the others set up a terrific alarm. The hawk was sitting on the ground in the pen when we arrived and then quickly flew away. Our late friend David Neville of Quadra told us that the only successful strategy he'd come up with for aerial predators was to lace string of some kind across the top of the chicken run. It works! We just went back and forth across the pen lacing the baling twine every 12-15 inches from side to side. The hawk seems to have decided that the threat of getting caught up in the string is not worth the tasty meal below. KB

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**Paid up SNCA members (123) for this year October 2020 to September 2021 are:** Skip Allan, Heather Ballard, Kathy & Steve Barnes, Roger Beriault, Doug Beyerstein, Merlin Blixhavn, Judy Bloomfield, Paul Brimacombe, Nahanni Campbell, Emma Chandler, David and Sheryl Chandler, Trish & Graham Cocksedge, David Cox, Madeline Cureton, Sally Davies, Pat & Derek D’Altroy, Jonathan Ellis, Daryl Fedje, Ken Flager, Eve Flager, Tom, Gilbert, Mark, Soma, Leslie, Sonja & Walt Goresky, Pamela Harbord, Mary Caroline & John Hart, Renate & Scott, Jasmine, & Dillon Harvey, Sheila Hollanders, Violine, Ben, Tom & Shawnai Hollanders, Dr. Steve Hughes, Cameron Humphreys, Heather & Barry Jansen, Donna & Bruce Keeling, Linda & Bruce Kempling, Renate Kviet, Claudia Lake, Marc Lavergne, Dan, Jeff & Jill Lewis, Jorgina Little, Zach Locke, Nicole Magistro, Charmaine & Jim Mallis, Matt Malnarich, Wendy & Bill Matheson, Rachel & Roger Mattice, Ann & Richard Mayer, Kathy & Dwayne McLean, Joanne McSporran, the Moss Family (13), Jeremy Paine, Johanna Paradis, Zephyr Polk, Kiersten & Ashley Riley, John Robilliard, Mike Rockwell, Gloria, Dale, Amy, & Catherine Rolfsen, Rockford Royko, Suromitra Santani, Madeleine & Don Shalansky, Eileen Sowerby, Megan Steeves, Rosie & Bob Steeves, Roberta Stevenson, Josh Sutherland, Anne Tonkin, Karen & Peter Tonseth, Hazel Trego, Dood Turner, David Turpin, Caren Van Der Mark, Ginny Vassal, Shauny & Rand Volk, Coady Webb, Sandy Welch, Maya Weichelt, Douglas White, Laurie & Rob Wood

**Thank you to our 2020-2021 members.**

**SNCA membership is \$10.00 annually, and covers from AGM to AGM: Surge Narrows Community Association, P.O. Box 52, Surge Narrows V0P 1W0. Donations for general expenses, or as you designate for our projects, are also gratefully received at this address. Donations can also be made by email transfer to [surgenarrows@gmail.com](mailto:surgenarrows@gmail.com).**