\[
\frac{54}{24} = 2\frac{3}{4}
\]
\[
\frac{60}{16} = 3\frac{3}{4}
\]

4½

2 3/4

Wed 21
Thu 22
Fri 23
Sat 24

July 14 - Nov. 30, 1867
Inventoried of W. M. Tel. Co. goods at Niswata R. A. M.
Est. values

Loofe house, 20x25.
First building of H. B. Rennicott

The new Hudson Bay slide.
Set of harness collars.

Siberian dogs.

One small hidara.

700-800 Rabbit skins/marten fur
For Blankets.

2 Kathans Mosquito nets.

Side banner
Burlap Net twine
3 Indian Deer skins
1 Deer skin

2m of red & green for
The rabbit skin blanket

2 pairs snowshoes
1 pair winter boots
3 summer boots
World map for skin
One malle large.
Box medicine.
Bag feathers.
5 featherbeds.

Sent by Mattock to B.C.
1 Box families, yeast powder
1 "' sugar
1 " Dug. vegetables
4 Boxes flour. rice

To take up myself.

Six sacks flour
Bag sugar
Bag of rice
Bag, red cover + drill, calicoes
" Drill, old clothes
" Rubber blankets + overcoats
" " Clothes
" " Boots, papers, tea VC
" " Scientific shirts
" " Parkias VC
" " Back fat VC - bacon
" " Denim's clothes VC
" Blankets mine
" " Denim's
" " Bag tin cups, plates VC
" " Box, si equipment
" " Two culls alcohol
" " one " ' I can tea
" " butter. two tins meatballs
To take to Unkuke

Leave there

- 5 bags flour
- 2 cans alcohol
- Box butter
- 71 keys in South Key
- Box lead
- Box shot
- Box trading goods
- 2 boxes tins of tobacco
- 15 love-takes
- Preserved vegetables
- 2 boxes yeast powder
- Box candles
- Oil
- Bag accordian & corn 
- 14 love-takes, shot piece, watch, & mahnta

Box books, tobacco, powder, &c.

- Cane powder
- Soap & medicine
- Lead
- Balls & shot
- 10 boxes 100 lbs. each
- Box paper
- 5 boxes 100 lbs. each
- Box trading goods
- Three jars
- Three axes & handle extra
- Bow 10 boards tent poles & tent
- Cherries, Kettles & pitting pans
- Box tools & sundries
- Botanical paper & press
- 1 box shinny tobacco
- Barrel Sketchatory tobacco
- Two small love-takes
- Box tobacco, snowboxes, candles & chicha
Nulato R. Arm.  Tuesday
July 14, 1867.
Got up early & eat in the Rus
sonian house. Yagor cooking
for us. At work all day
picking up specimens
we will take the big Rus
sonian birchro and six are
we go down in and a big
canoes in addition.
Give the Russians tea
The Capt. cooks Pamillo. No
electricity is down. Farquern, An
zaskas father and a crowd of Xo
yukons fishing on the beach.
Plenty of salmon & large white
fish. Rains hard. Paspillo
has put the house well along.
July 15th 1867. Monday
Write out report for Capt. Rotchum.
Make out Paspillo's contract to
draw him a draft for 200 dollars on
account, get account of debts due to
Russian Company, and fill out a
draft for the amount to Yagor.
Get everything together, but we shall
have to leave a lot of stuff here
for which however I get a list from
yarn & a receipt. Pack my bags
and boxes, but must leave a box
of fish from Fort-Yonkon, & some huge
specimens. Work hard all day getting
things to rights, packed & ready.

Dine in the Russian house. I go down
on the beach & into the lindenra and
pack the boat. The Indians bring down
the stuff and we finally get the boat
loaded & start with a heavy salute
from the fort with anxious hearts
not knowing what is going to
turn up or down. Start at fifteen
minutes of eleven P. M.

Tuesday, July 16th 1857

Pass the coal mine in two hours
see Wooly sitting there and get a piece
of meat from him. Our crowd
consists of

Capt. Helebon, Mike Lebarge
P. Whympur, W. Ball
Jean Baptiste Bencher, and
Karilla, Tekunka, Biderashik
Rukruilkas brother the Malanchka
and another Indian, and we are
going to take Papoff Kops wife &
child down to Pastotk, as the old man has done a great deal for us. From this to Colloy, sleep round
arrive 7 pass there about 5.45 A.M. Below at the summer homes are old Stoney and a lot of Takilisy
and Colloy Indians fishing, yet a man to cross the parvenue but he has to go up to the winter houses it
has his boots and I think we shall not see him again. From Colloy
down the side is low for a long
distance Takilisy still on this three
about 25 miles gradually nearing the
River as we go south. West side
low gravel banks, about 15 miles
below Colloy the other side forming
the valley of the parvenue come
down to the river wooded all along
x
light blue gray sandstone in hori-

tontal layers preceded by sandstone
reddens with oxide of iron and
followed by a bluff of perpendicular
rock of a hard quartzose character
and gray color. Here we found an
other lot of Indians fishing. Old iron
and others were there. Below
Sometimes brown or bluish

A bluff where there are fine exhibitions of slate rock in narrow layers dipping some whitish from a sort of grayish matter others very elastic and others again contrasting & brittle. Further on again about nine o'clock another fine bluff & nearly the same formation but intermingled with gray sandstone layered incessantly wedging into the slate and half a generation round and round. This is the bottom of the lower bend of the Yucatan. The water here is very strong and deep but just about very shallow except close to the E side which is a long way round. Turn in and stop while we are drifting down.

Chin at eleven on the E side opposite some fine bent low mountain a heavy chill and frosty wind everything through and sleeping. The men wrapped and indicated a change from the cold cloudy winter which we have had since leaving Nukat, and which has been disagreeable but cool & good for working.
Sunday July 21.1843.

Morning, we about 7. Ail. Wake up to find my blankets soaked with mud, which is just breaking up and every promise of a fair day, but on both sides, but not on my side in danger. Reached a village of Pemunska where they bring us a good lot of deer meat as presents. And a heifer of a man in the bank about a foot below the present level & very rotten but as the Indians object to my taking it I leave it there. These Indians excep near the Mandan where they know their customs a little, and at the mission where they have been taught differently, the their dead in the most compact shape with reumie and throw them on the river bank. If it is a very good man or a chief or headman they throw them when the crops & fowls are most plenty, and then will be quickest eaten. The Mandan Kavadas &c when their customs are not affected by contact with French or inland traders, do the
Low hills – mountains on the
W side & side low as before. Grass
banks W. Quartsze rock like
points in & with put must be
reach from hills back. Reach
Yakutskalatnik about 2 at
night. Two or all houses of india
while on a low rank known as stuff
atmosphere where they cross to blister.
Swiftly down the rolling river
Sides our rude canoe.
Sea, and lake and mountain seen
Me, my sister, far from you.

Many a forest lies between us
Deep and trackless wild.
Many a day as we have come
Clasped in joint embrace, dear child.

Here the sky is dark & cloudy
Rough the rivers tide.
Sharpe the wind which whistle lusty
Down the mountain side.
Gently be the breeze blowing,
By your summer home,
Bring your tender flowers growing
Where songbirds come.
Red and snowshoes, gun and paddle
Have my playmates seen;
Horse and rabbit, fish and venison
Has my climber harder seen.

Acid berries from the manesch
Brought luxuries were
Gathered where the climber passed
And close lurks the grizzly bear.

Soon from scenes of destruction
Homeward I may return
Then with hope expectation
Of our meeting I shall turn...

Wednesday July 17th

Turned my often passing thoughts and
sleep till about twenty-five miles
below, drifting down slowly. Wake
up near an Indian camp where we
stop for tea. I buy a few bits. See a
girl with a sable purple on. As we
go down the Indian paddles seem to
be made smaller and smaller. Bank
low and side hilly. I pass over the
11 miles down W side hilly, brush, 0.9
quartz granite rock 1140 ft. in
laying. Also a little green tilled
Volcanic slate much contorted but unformable. Further down another Indian camp, stop at 11 to get tin and find shale much altered and with rare remains of vegetable matter coverd with white detritus covering first blue sandstone then hard blue quartzy slate. Below this high white sand bluff. No Mt. in distance. East, not very high on W. Side. About 7.30 P.M. Reach the mouth of the Shageluk Pratode which is marked by a low mountain in the distance. A heavy dead wood and waves quite high in the river. Few yellow gravel banks on W. Side. E. Side low. Takatsky Mt. ended, about 12 N. reach the place where the Russians say is the oblongest water on the river and white coal is reported but does not exist. The formation is low banks (50 ft) of yellow gravel covered with sand and conglomerate without any perceptible construction except an appearance as if they had been thrown up perpendicular.
place is called Clantshinimin by the Indians which means rocks with strong water. The river being low I do not think the water was more than 5 miles an hour. It extends 10. a mile and a half.

Thursday July 19th

Turn in after passing the strong water and slept till nearly seven. Woke up and find they are loading the canoes onto the barge and are going to each it on the bank as it blows too hard to take it farther in safety. High sand and gravel banks and low on E. & W. sides. About 8. A. the Reach arrives at a large Ingalek village. There is any quantity of dried salmon hanging up, but nearly all of them are gave up the rivers a few miles fishing. Se for the first time pottery made by Indians. The only pottery made in the country is large pots & earthen ware bowls with five fingers to hold it down and a rude cup with two handles of clay. no handles they are ornament with dots lines & crosses cut in the
day when left and are baked in
the sun or then in the fire, when
in the fire are kept turning round
and round like a joint of meat
when roasting. They were of a dark
brown, blackened by fire eyes and
pretty regular in shape. Below in
vick are some rather high hills
near the river and low on the other
side and then low on both sides
with islands and sloughs. These
in about 3 miles come to an open
village marked on a chart, between
two prominent hills each about 2 miles long, perfectly
low and remarkable for the large
size of the fragments marking the
general extent of the rock.

The village we stopped at as the
Indians thought some June 4, and
for him also. The natives were
and very squared, and dirty. Many of
them above the two bottom benches
through the burn, the like the count-
tains. Below this the land on both
diddles is low. Much of distance long
makes on A side. Firm in, foot.
Good way through the straggs 7th

Friday July 19th 1867

Nearly pass a very large village in the tribe and about 3 stop at another for fruit, the wind is ahead and a pretty hard one, the waves are very high for the river. Buy a duck skin, some fish and a gross or two French crabs. In some industries on the beach some miles below an Indian village and think that these may be the Russian

Baskas coming up but on our arrival found that they are Indian boats & ashore for a few minutes and was the bluff above & below of a hard blue sandstone at an angle of about 10° N W, and below a little way a high conglomerate bluff extending some three miles (and one specimen is a very pretty shatter in the bank, Buy some fish & cotage & push on. Come to an other tribe on village but cannot land in account of the surf and a canoe comes up and I buy a strip of quill work and the Captain a brefe
Niktowuk Pr

Buckle

Niktowuk Pr

Prumorska village

made of reindeer bone and carved in lines & circles & blackened to make them show
on and stop five miles below at a
small village where we take tea &
the formation is hard blue sandstone
& dip SE 60°. Find a pretty spot on
the beach. Buy a few corpors &
pot off. Pass another village
(see pp) of two houses which are
decorated by the inhabitants on our ap-
proach. It is very pretty situated
on the edge of a cliff overlooking the
river. A view into distance reminds
through a long slough around a
cliff of blue sandstone & the feet of
a gravel beach, the Indians run
away but presently return bringing
fish, a little dry meat and fat. Then
in the Prumorska and then on back
this is the 1st of the villages of that tribe on the
river. The houses do not appear to
differ from the lower villages but the
language and their appearance is quite
different. Pass on for some hours
and being pretty warm & damp
and sleep soundly although it is not
very comfortable on top of all the goods.
Saturday July 20, 1867

In the morning about half past five
wake up and find we are at the Mission
get out and go up to the house of the
broadhead, Illarionoff and take to with
an old fellow from Rezunoffske Red-
sult in the Konachkowma R. who has
done in the country 35 years. There
are only 3 Russians in the place which
is not a pet but a straggling collec-
tion of dwelling homes, church etc.
and an Indian village right in
the shore. The other two are Starosta
and Serkoff. Take tea with the old
man, look around at some Indian guns
and at the formation which is of the
same gray solid black rock as at
St. Michaels some places without
the bubbles being hard and these
fell up them and easily crowding
last night about 11. But one
earth quake shock was felt here.
this I am assured was the first
ever experienced here on the memo-
sity of a man who has been here
about thirty five years. And a
species of vines growing here.
about 15 or twenty miles is a
ridge of low banks about 60 feet
height composed of eruptive rocks
of red, pink and brown colors.
1) dark reddish soft & disintegrated
without perceptible layers. 2) a pink
rock, amygdaloid with small cavity
filled or lined with small crystals of
some mineral. 3) and a blue rock
in layers, but eruptive with occasion-
al cavities some empty and some
filled with spathic & other minerals.
This last where weathered is brown but
internally blue. This last is nearly
horizontal and the amygdaloid is
emptied through, over, in crevices, and
beneath the No. 3.

From after about 10 miles came to
a lateral backwater, once called by the Pe-
sians, Cheyenne Backwater (or Cold
Horse) with two graves near it. It is
nearly opposite Evans Backwater on
the Whiskey parchment, and the In-
dians come over in the winter &
kill deer on the Yankton. Pass this
place about 7 o'clock & raise the sail
for a barely favorable wind -
which I have not seen elsewhere.

The Russian ships are reported as being at the Redoubt waiting for the bare ship which had not arrived. One or two of our ships have been there, but the reports are so various that no reliance can be placed on them. Most are about 80 miles downstream on a river which has quite high hills or small mountains, bare of trees for half their height, about 300 feet, they are all on the left side and the river too. The river is about two miles and keeps down among high, wooded hills, high and low all the way. Many, though not islands, but the channels are quite evident and deep enough for any river boat. In the autumn passage are passed at Kolmakoffsky. Deer abound on these mountains near the Russian fort at not much hunting. We side hills of quartz and slate rock in large mass. Mother passed a village in the spring of...
This forms another connecting link between them and the Thulechees or asiatic tribes from which they are undoubtedly com-
grants. Below this village as far as we canoe bands on both sides.

Take off my shirt and find hit large bee in it. The Indians are full of them and they are rac ing all over the boat. Sitting eating and sleeping within three feet of the Indians in this warm weather all hands suffer equally - chi about one P.M. get the head Roy & wings of a just different from the upper side in being entirely white except the black which is the usual blue gray. Eyes white gray with a pale yellow lid rying, 4 white punk feet. The common one has the points of the wings of courts black and the tail sometimes white it sometimes a little tipping of black. Yet a most curious fly. The wings are small it cannot fly but gives a kind of
jump & skip. They are notched on the outer edge too. The body is cylindrical yellowish and hairy. The head has two eyes of the ordinary size and two papillae on each side of the mouth. Between the eyes & round the mouth is a thick membrane which is capable of dilatation thereby making the head about three times as large as ordinary, and can then be retracted till the head looks like our ordinary fly's head. This I suppose is intended to act like a sucker of great force, but it is certainly very curious to see the insect. Blowing its head up and then reducing it to its usual proportions. Pass through most dreary winding of the river nearly all day. Passed by a village where fresh salmon fish kept at a bar and let the little live for which the Capt. bought the other day run about on shore. It is very playful and makes no attempt to run away. Chiniquin at 7. cut swish on the river from Campbell low both sides.
Monday July 22, 1863

lie a leopard seal in the river
and soon afterward five more, turn
in and sleep very miserably. The new
quilts are very thick and it is so hot
that a net is stifling. It comes on
to rain hard and I lay and soak
with every one else till about five
o'clock when we pass a village and
see some low hills on W side, between
two of which is situated the Andreff
Redoubt. Arrive about six go ashore
and are met by the only man now
resident there. Andrafech. Go up
to the fort which is smaller than the
last and less imposing in appearance
but has two large cannon (12 pounds)
Take a breakfast of tea bread
+ salt salmon. Get some
shoes for my boots and get
off as soon as we can at
five o'clock. Rainy
a fine penetrating mist making ev-
erything wet. This fort has been lately
abandoned by the Russians only one
man than Russian living there. Some years
ago when all hands were away, but
Black stone of crystalline character

Tuesday and a large quantity of goods had been left by the Eskimos the Indians came and murdered them just as they were coming half naked out of the bushes and then helped themselves to the stores. When the Russians came back they went down to the village and exterminated them with the exception of one squaw who is now at Fort St. James. The Indians since then have not visited the post much and therefore it is now abandoned. The Roanoke or Redoubt for the same reason is also abandoned. The stores and some of the buildings transferred to the Mission. Leave about nine o'clock and sail smoothly from the river having some little difficulty in finding the channel and having an unpleasant shock to show us the mouth of the upshot where we came off for Fort St. James. Sailing had all the time and very disagreeable everything wet and nasty.
Tuesday July 23 1862.

Get into the mouth of the cut off about 3 ft. all having made very fast time. Told with a strong but puffy wind & a good current in our favor. Pay the Indian and turn back. Take tea at 4. Till 5 push up past the mouths of two cut offs to the sea & three small ones. Pass several Indian houses all empty, the inhabitants being off fishing. Reach Anan as barrack about noon. Try one of the five channels & find it a mere turn back. Try another whose strong current leads us there & it is the main channel though it raises my suspicions as running south. Take ten & see the Pastodie Hills. Call, yard wind till 4 P.M. When the water turns clear & the current changes having evidently been caused by the tide. Put back to try it again. Strike though
channel and about 9 P.M., reach Paskie. The village is composed of a row of low miserable huts on a very low bank of a sort of flat or marsh extending back about 12 miles to low hills.

Find a man, formerly a Russian rabble-nick who speaks Russian, gets a some ducks & peace & talks to the crowd about bringing bone ornaments of which we get a good many. Put up the tents and get up the kibbana, get a good sleep for the first time since Fort Youkon.

Wednesday July 24th 1867

Get up late. Have another breakfast & a poor man, one stephen, a redskin man, formerly a rabble-nick to steer the new one in it. Winnapow, Mike, the captain eat ourselves and have Paskie with arms not quite aboard but hardly fair. Reach a small Indian village. Two huts, just beyond a large round hill, the only landmark between the canal and the Youken mouth. Stop here for a fire, buy some fish & berries and push on sailing & rowing. Get into the mouth of the can.
al about two in the morning I had
ate. I went off to a small lake
and took a good wash. Rush off
and track away till about two
P.M. The Redoubt, hant the Ame-
rican flag and arrive about three
o'clock, having a good salute.

The news is as follows:

The United States have bought
Russian America for $1,000,000 in
gold.

The Western Union Telegraph
Co. has suspended operations in
Russia on account of the con-
petitiveness of the Atlantic
Cable & all hands are going
home.

Baird is at the head of a Sci-
cific Expedition now at Sitka. North
Dr. Seward, Rogers, Backe are dead.

Dr. Brewster is here
Walker & Fuller have sailed
Dr. Bryant is here
Thursday July 25th.

Out after hot bath. Everything hummed up & hurried on account of all the Russians being here. Approach my project of staying in the country to the B essay. She thinks there will be no trouble in arranging it so that I can draw my pay due from the Russian Company and supplies partly from our own & partly from there. Read my letters of which there is a host but it seems that part of my mail somehow miscarried.

Friday July 26th.

Start in and try to get my cases arranged & pull every thing over to set in the collection which were left down last winter. Work over them all day and run no very time.

Saturday July 27th.

Get out the minerals collected in the lower town and label catalogue & put them away this with other bothers taken
nearly all day, a boat race in the afternoon in which Francis fits boat. Give the Captain my special thanks for his fine work. I lost a lot of the goods of small values out of some use if I stay in the Country.

---

Sunday, July 28

Work over Upper Youkmans minerals all day and over other mining specimens and get them all finished. Bought a bottle of rum and gave him in a good humour. Give Bean some more than Pauloff & Smith, etc. a works perk for Strand.

---

Monday, July 29

Work over a large box of specimens which we brought from Rubato. All are wet or damp, label three which are unlabeled. Finish the lot which takes me all day. Fish soup for dinner. We are living now in ten and bread straight.
Tuesday July 30
So at the small boxes of your
km specimens label & put
them away. Get two food
boxes packed and covers nailed
on by McLeod who is very
grateful for what I did for
him on the river — The Pope
& stepcalf go off in two boats
down the canal, the Pope for
food. Our past is worse than
at any time since we have
been in the country. Nothing
but bad weather & three
times a day, Pickett upset
in his bidark and gets only
wet. Yet two caps from his
punish & makes pistol
accoutrements from him
I have the best revolver in the
country now. Label all my
dry weights.

Wednesday July 31
Walk over arranging boxes in
close room all day. Rainin
evening finish catalogue
of specimens.
Thursday, August 1

Today Russian America becomes American soil.

Got over to a little cove with Ketilson's mother, Hanney, Wilson, The boy, and got 4 Mahogany skulls, extreme water themes & came back to go into the parfou to eat work over collections & read paper in evening. Boys all drink.

Friday, Aug. 2

Finish packing, little of specimens have a bath. Buy a reindeer parkie of Pickett & a porcupine skin parkie of Eaton. Commence letter to Post Baird.

Saturday, Aug. 3

A bidarac arrives from Smith's Nar with some low-tack treasure, they say Libby's party has been taken off by a two master vessel. Hop down of any boxes & mail in the direction they are all ready for shipment now. Write to Baird. In two days the ship is due. The collections are now ready for shipment.
Monday Aug 4
Morning write to M. Mayer and work all day over copying my cata-
logue which is finally finished including 4555 specimens of ab-
out 506 species. After leaving Milati-

Tuesday Aug 5
Morning write to M. Mayer and Uncle William. Rainy
Filming hard. The 6 Skerpeas
at Bakers have left. They
brought down branch resum
and whisky to trade with
the Boomerangs.

Wednesday Aug 6
Finish reports, write to M. May-
ayers, Boys out shooting puffin
very strong blow from the S.E.
Commander letter to Mother
Get two Lovelocks from Skipper

Friday Aug 7
Thursday Aug 8


Friday Aug 9

Morning fine and clear with strong NE winds. Trace a copy of Smith's chart of the Kunkappak mouth. Write to Sidney Gay and Dr Perry.

Saturday Aug 10

Set at work and copy out many vocabularies of the upper Hareway and the Indians. Work all day which is fine and clear. Over this evening off at back early in the morning and bring 15 ducks some deer meat and fish. He did not have very good luck as there was a very strong wind from the north.
Sunday, Aug. 11, 1867

To out after breakfast, with Everett Smith and pick berries on the hill back of the Fort. Found many mushrooms and berries.

Gloomy but doesn't rain.

Back & look over a lot of news papers containing some notice of the expire. Afternoon went with Stepanoff to collect mushrooms + walk. His woman who will soon be in the street went with us. He says that if the ships do not come in ten days he shall have to shut-down or getting no grub, for his supply is small.

The mushrooms are of two kinds, both flavorless. I inform others we have at-home.

Monday, Aug. 12

Raining, wind N.W. which is unusual. Went down again 2 coils of Mahout and get some beer to take for him to take down to Pacific and have a small hidalgo made there, forms to take across the panzenade and go down the Yorkeen in next spring.
Write to Simpson and Grandfather.

Saturday, July 31st

Rainy day, Stepanoff has a baby boy. Dine in the armory. Kosenikoff christened his new baby today. Took over papers.

Tuesday, Aug 13

Morning. Made scrapbook & pasting clippings relating to the Expedition. To go over my books and take out those I think to send down. Some lead of Kosenikoff. Work over books we all say. Smith goes shooting.

Wednesday, Aug 14

Write to Prof. Dana, Prof. Whitney, Miss Newman, Fred Putnam, Phila. Read and Mrs. Newman. Day half cloudy, cold and chilly. Step out for off hunting. Have a long talk with Willis, Smith & Ennis about the way of doing business in the Co....

Thursday, Aug 15

Write to Sadie and Miss Longfellow and commence a letter to Stearns. Raining hard all day. No sign of the ships or more young kind.
Friday Aug 16th 1867
Read papers & cut out items all day. Seven tiderras came down from Unalakleet. Ivan Matfay and other Unkeewik Indians in me. Alluvianak and some Uke openpi Indians in another. Smith and Stepantoff get back. Smith brings me some snuff: unfit for use. Thing except alcoholic specimens. Kittiparty all one.

Saturday 17
Finish looking over papers. Get Schuyler to do some copying for me. Write an article notes in P.M. Stepantoff's child christened in P.M. Russians all drunk.

Sunday 18
Go down in the village and get some Anadon shells from Pastor. They are also found at Saitilesky. A small kind the In seen day is found about here. I shall look for them. Afternoon about three o'clock
Elm's old Martha came running down the hill saying the ship was coming, all hands go up on the hill. Everett Smith went out to pilot her in in a bit dark, about to relocate the anchors in the bay, turning out to be the Clara Bell from Anadyr, Flower Bay. She is come to take all know and material back with her. Flavon at Grantly Norton, and two men at Anadyr, are dead. Lawton the contractor hung himself at flower Bay on the davits of the brig Victoria. Capt. Howell is aboard. Norton is Captain of her. The old swine of the morning is 3rd mate. Flay aboard all night and broach my plans to Wright, who agrees to do all he can for mee which is very little. He can leave me some tobacco, old Sharps cartridges, a little drill, some cannon powder,
but no provisions, and about five tons of lead.

Monday 19.

To ashore, buy tea and find
all hands getting provisions
and get everything on board
except the baggage. Hires
in my list to Wright who is
in command here at present.
Get 3 cups 2 messes in the
way of utensils. Write Wright a
letter asking him to leave me
here 3 stating reasons. Also a list
of what I want left here. Also
a note stating that for the sum
of fifty dollars I will rent three
rooms up to Fort Yukon in the
spring, Sam Baptistie Boncher.
He is the lad we brought down
from Fort Yukon. It's tough
to take off the pleaser as they
wish. Wright stays ashore.
All hands very drunk.

Tuesday Aug 20

Get my things, they proposed to
leave me without even one axe.
But I set one from Sam and
afterward & more aboard ship
also 200 lbs. leaf tobacco and
about thirty lbs. of cannon powder
which I am afraid will be
but little use. Write to Dumber
commander of Wright. Give letters for
Hubbard with seven marks to a
able boy for him to Everett.
Smith. Give Whynper my
departure and my letter autho-
tizing R. E. E. Heams to
draw on my pay in San Fran-
cisco. Give Ketchum letter of
introduction to my mother
and give me to Prof. Henry

Wednesday 21

Blowing & raining like the
hell all day. Aboard ship
getting drenched by the sea
in the way, get out my powder
& tobacco & lead. In back and
get drenched again and it rains
& rains worse than I ever saw
it rain before. The whole place
is full of mud and drunken
men. It is quite enough to
make one a teetotaler at once
Thursday, Aug. 22.

Everything ready. Give Major Knight 45 mink, ten sable, and ten fur seal skins. Give John Morton ten fox mink and sable a muskrat pelt and a model of a beaver. All hands get ready their baggage and go aboard with Capt. Morton. Get some book soda, writing paper and my evil of paper. Stepansoff and all the Russians & Indians come aboard and get a drink & tobacco. About 3 P.M. the small steamer is taken in tow and I go ashore with Stepansoff and Johnny about 4 she up anchor and store NE but the wind failing she anchored again about ten miles off. Go out to pick mushrooms with Stepansoff and he tells me what Mr. Bean did, cut up spits against one. I made him a present of a can of alcohol which he took without asking for it, in the
winter and mixing with tea & sugar, sold it to the Russians for 3.00 a bottle making over 25.00 by the operation. He then wanted to buy another which I let him have for 500 coppers down and a promise of 10th of fine powder when the ships arrived. He got his powder & sold it & the alcohol to the Russ and for over 100 cobs and then told me be could not get me the powder. I told him then to get me 6 lbs of tea and I would call at square, which he refused to do, saying he would buy me money which is of little or no use to me here. I told him if he would give me nothing but money I should charge him 25.00 on the spirit costing 325.00 & boxes. Where upon he goes to Stepanoff and tells him I am a very bad man
and will take improper
steps with his wife if he

not look out. He then pays
Stepanoff enough money to
buy 4 1/2 yd. of tea and goes
off. Stepanoff told me of
this himself while we were
walking. I think this is about
the height of meanness, when
one man only is left in the
country, to do all he could to
prejudice the most powerful
man in the country against
me by downright lies, after I
had as good as made him a
present of the value of $95.00.
Such is life.

The ship got a strong wind
in the night and is many
miles away now, in all proba-

lility.

Friday 23rd

Sgt. Rurik, Antoshka & Zekun-
ka together and go over the wet
 cartridges I bought. I find that
about half of them had only been
dampened and the powder is
Adams
1000 caps, 1½ lb powder - evap'd

Francis
1000 a
5

Capt. Harding
2

Capt. Smith
4

still good. The caps being water tight - are uninjured, so that I have for 650 balls, 750 caps and about three pounds of fine powder. For the price of the lead - rig. 7.20. It is of the balls will make five trading balls.

Let Kurill to work moulding and he makes about 110 small balls. Let Antoshka to make me a new cannon. Give Zekun
ta and Kurilla trading goods enough to buy ukuli for the down trip. Also arrange
a trade with Zekunka for my gun for 40 sables - to be given by Vanya - Zekunka Kurill, An
toshka go off tomorrow.

Get Stepanoff to write to
Ivan Pavloff at Nikola to have the house repaired. I send
the two English plows & harness by Kurill when the Zem
kom will be fit for travel to meet me at Wilksk where I shall try and get
most of my horses pulled by.
water — and their measure some of the Unukuk mountain with boiling water.

Saturday Aug. 24.

Stepanoff gets ready to go off on a hunting expedition and takes Johnny with him. He starts about 3 P.M. in two boats. Give Antoshka some caps and Kurill and Tekunika a good lot of trading goods to buy fish for with. Give Kurill tea enough for the trip up the Kack. Give Zege 120 caps for buy back for with to make him a present from tobacco. Give Kurill the letter for Ivan Pavloff and get him all ready to go.

After Stepanoff goes I eat in my own room. The Indians don't go off, and I send one of the small Russians pretty sharply, who tells me I am afraid of Stepanoff, because I won't give him liquor while the old man is away. They are a set of ours.
Sunday August 25

Writing in Yukon trip notes all day. Very cold and windy. Built a fire in my room which smelt very badly. Hunt & the Indians don't get off. Proposed to leave to-morrow with Isaac Japheth as his bidarra is not full - went Lueeans.

Monday Aug 26

Set to work over those cartridges take the powder out and the coating off the bullets, getting about 100 lbs. of balls from them and 4 lbs. of good powder. Besides this I have about 4 lbs. of powder which has been damp but is now dry and as good for Indians as any other. Elia. Kopnikoff comes in and helps me. It is very lonely, Kopnikoff and Johnny away and no one to talk to all day unless it is some of the Russian workmen whom I have to keep at a distance if I want to sit along at all. Now on the mountains it rains in the post. Lueeans woman puts my moose-skin breeches done.
Tuesday August 27th 1867
Near post in the fort yard. He pan off, gets back with Johanne & 110
seet & ducks. Alexie kills a fine
hawk which he brings me. Cold
and windy but considerable sun.
Write in Fort Yukon notes in Rills
and copying verses in the morning

Wednesday 28th
Morning work over straightening
up things. Skin the hawk and
make up a box of miscellaneous
Indian traps to nearly full to
send East next year. Reoccupied

Thursday 29
Go over a number of boxes to on
a general cleaning up expedition
in order to get every thing in an
good order as possible before
I leave. Go over many boxes
and getting out what I shall need
done the rest up

Friday 30
Write to Pomah Maketoff and
to the Representative of the U.S. 904-
at Sitka to go down by way of
Kodiak in December. Pack up
some small boxes of sundries and take a bath in the afternoon. Stapanoff & several men go off hunting for two or three days tomorrow - Rainy & windy weather still continues - Mrs. Bean complains that we appropriate too much of her rain water from the public hand. Saturday 31

Splendid weather, tracing, sunny and almost clear. Stapanoff, Johnny, Elia, Kojenikoff & others leave for hunting soon to in the canal - Work all day on Lower Yonkow notes and in evening go around the beach & set some flowers and among them a kind of junion very pretty. Also go up to the grave yard where they are makings a grave for a baby who died in the village of a cough. Everybody here seems to have a cough now. Come back and read till dark when I take a smoke then in.
Sunday Sept 1st 1869
Rainy hand steady all day
Write in lower Yorfork & the notes

Monday, Sept 2
Finish Yorfork & winter notes-
Copying verses to put them away in my trunk - got out part of
Scientific equipment to take up to Nulato - Rains & blows all
day. Stepanoff still away.

Tuesday Sept 3
Morning, set at packing up
My scientific equipment for the season. Go to work & make a
new cover for one of my boxes to hold an alcohol tank and
finish it. Make a new hash in my traying box and begin
a new staple. Stepanoff comes back with a good many duck
& game; pretty well. Three
bedances arrive from Paxtote.
Amang returning not yet. My
barracks under weigh yet.
I suppose I shall have to
buy one at Malaklet instead.
Wednesday Sept 4th
Mommy work over packing scientific equipment. Cleans
off quite fine about noon.
Go out for a walk with Step
and off to the Shoman hill and
back by the beach. See many
seagulls, sand hill cranes, and par
and a very scarce her

Thursday Sept 5th

Bath today. Tomorrow is the an
niversary of Alexander's coronation.
Pack away a lot of things for
trip up country. Malloy arrives

Friday Sept 6th

Have a lead tackle made, after a
good deal of trouble, first one that
is altogether too small and then
one that is full of holes but am
promised a good copper one tomorrow.
Set Johnny to work making ball
make 158. Step off and off short
again. Malloy and the other Winter
Indians go off for Unalakleet in the
P. I. Lead a box of sundries
a can of dry vegetables, a box of can
and four boxes of tobacco, to Popoff
by them. The Mahlemuts will
send me back and I hope to
set-off with them in a few days.
Get a lot of small shells on the
beach. It has been blowing very
hard & there is an unusual am-
count of stuff there. Find Bela-
Syndorumpa?, Belbus, Patina, Lit-
ima, Bacuna, Cardium, Machaera,
Leda, Glicenesis, Macoma & Mytilus.

Saturday, Sept. 7th.
Morning go to work and finish
packing up all my field equip-
ment and then spent the rest of
the day cataloguing & numbering
all my boxes of equipment
(40 + a trunk) preparatory to
taking a receipt for them from
Stephenoff when I leave. Rain
and blustery all day.

Sunday, Sept. 8th.
Go out after dinner to the nar-
row point to collect shells to
fit cases in current but I got
a lot of small stickleback shells
Put away plants & label them.
Come back very tired & hungry.
Monday Sept. 6
Morning. Set Bohemia to work making bullets and mould in the course of the day about 400. Stepanoff comes back about noon with 60 cases & ducks. Would have got many more but for the excessive rain. Rains a good part of the day in showers.

Tuesday Sept. 7
Anniversary of Bar Alexandra same day. Praznik. Rains steadily.
After dinner draw all my grub & trading goods of Stepanoff unit $55.69 Rubles (111.92) including flour, tea, sugar & trading goods.
All hands drinking pretty freely as it is a great holiday. After lunch go into the casarine where they oblige me to drink a bowl full of vodka raw spirit and then toss me up in approbation.
Avoid drinking any more by circulating the bottle freely among the Russians, when I escape to down on the beach to walk in the cool air. Get back & turn in.
Wednesday Sept 11th

Go to work packing up the stuff I have took from step
away. He goes out shortly takes Johnny with him.
A half fair day without rain
+ a north wind. Buy some
birdwite skins from Martha
pay her two fathoms of driller
Clean out the room go out
to get some muskets and a
Mother cranium in the
afternoon also some small
fish.

Thursday, Sept. 12

Pack away some specimens &
goods. Read "Not Dead Yet" over
again. Wake from a very disa-
agreeable & painful dream, that
mother was dead. Day cloudy
but no rain. Get some tobacco
to cut up. Pay Telegraph wife
for lining trousers. Afternoon
write on notes No.

Friday Sept. 13

Pack away some things. Write
Get some new fish I made
notes on them. Take a good lot.

Two Mahlemut bidamas
pass here today, bound for Unalaklet. I am anxiously waiting
for Isaac & Tunchy. No signs
of Stepanoff.

Saturday, Sept 14

Morning, set things together for
going away. Pack up lead &
Stepanoff's gun rack about now.
Get small fish. Go out to the
bay point and collect a lot
of shells &c. Stepanoff promise
to give me the boat & 4 men
day after tomorrow if the wind
is fair. I hope to be off soon.

Sunday, Sept 15

A very fine day, but a strong
north wind blowing, dead
ahead for Unalaklet. I am
ever much afraid I shall not
be able to get there before the river
is frozen. Pack up my last box
and get every thing ready to
leaver though I don't think
I shall be able to get away for
some time yet. Write in P.M.
Monday September 16, 1897

A strong NE gale blowing all day. Rocks dry clean across the mouth of the cove to the point.

Read Wilson on diseases of the skin a very exhaustive work.

Got some fish & shells in P.N. 

Quite cold & a little snow about noon. It makes me feel to be kept here losing time when I could only set on to unlabeled. I might do so much to set

forward.

Tuesday Sept. 17

Study Wilson's classification of skin diseases. He holds that

Chloasma & Freckles are not parasitic but a morbid degeneration of the cell tissue of the skin.

Stepanoff proposes to go out hunting and in default of any thing else to do, I agree to go with him. Start about 1 p.m. in two three hole bidarks, Stepanoff, Goldsow, & Andreasen in one i. Kajenikoff, Ivan & myself in the other with Johnny.
as an extra. About three o'clock go ashore, hunt around for an hour or two, kill a duck & Johnny me. Kogelikooff killing more & then push on further up the canal. Meet an Indian in a one hole hide. Who says Anamayo, is coming I has got my hideaway done. He got as far as Point Romanoff, when the strong wind shifted him to return to Kutlet. Find the waves very high outside, but in the canal is quiet. Borrow a canoe of the Indians. Camp opposite a small creek, set the net & catch some white fish [mosquito].

Wednesday Sept 15

Kogelikooff & the men go out very early to a lake after seals & returning we push on to another fork of the canal. Johnny Kogelikooff & I go on one side the rest on the other. See nothing and kill it. Coming back
in a rage kill two geese &
some skrip. K. & I have
the same luck-

Thursday, Sept 19

Go very early out and shoot
at a flock of swans wound-
ing me but not bringing
him down—Elephant if kills
me, swear another. The
rest have fair luck but it's
a long way for it—The birds
are very shy & the lakes are
full & there is no shelter
to hide in. They see you from
a long way off & leave before
you can get close enough
to shoot. Evening, go back
to our first camp, catch
some fish, see several
Mahnunku who camped by
us last night—

Friday, Sept 20

Elephant & the rest go off
to the lake again but have
poor luck. Start in their re-
turn for the mouth of the
canal where we stay a
while + shoot. Kill a horn + some snipe. About 3 PM push on to the Reserve, arrive about six. Have a good hot bath + turn in much refreshed + pretty tired.

Saturday Sept. 21

Morning cloudy, north wind. Buy some back fat, two pieces + a bag of marrow. Put away some specimens + skin a duck. Go to the christening of baby Nathalia. The old man gets excited about my buying the back fat, which he supposed might be sables! He strikes me for another can of alcohol. Make arrangements once more for starting day after tomorrow, in our old kibarra for Malonee with the goods. My uncle + two other Mahlemuts to take us there. I can only hope this is not another false start.

Sunday Sept. 22

Morning. Get some mugs + plates, some small combs +
a kettle. Also draw money enough to bring my expenses up to $125.00 as far. Get some
more back in. Get a receipt
for $1 to pay my trunk which
we put in the magazine &
give a receipt for the am-
ount of $125.00 which I have
received. Leave a caramat with
Shipyard. (1536 no)
Monday Sept 27
Get every thing down to the
wharf. Head wind but not
much of it. Start with New
years. My wife, & another
machine. Leave a bottle
of pop for the crew. One wth
small white bucket. Vomtom &
Yakuty. Leave spirit for
Amurian, & Kojenikoff.
Start about 11 A.M. Get let-
ters for Brian & Popoff. Leave
all goods in magazine &
got a receipt for them.
Head across to the Mayors
home & camp there about 2
p.m. as the wind is setting
light dead ahead. Give Mr. Myrick 11 balls & 20 loads of powder. Try a line for catching wanshine as mine available food is low. Take a few of hunting cartridges quite cold & windy.

Tuesday Sept. 24

Wind shifted to the worse than before. Impossible to leave as the Sound is bleached with white caps. Anchor the vessel which drops & then moves her further in. Fish for wanshine & catch a good many & some scallops all of which eat very well. Have up some drink with the old sail to make it bigger. One man is Dominick if hunting but get nothing. Blows very hard very cold & ice forming everywhere I am afraid I shall be too late to get up the river to Ulukuk.
Wednesday Sept 25, 1867

Low wind & very strong. Can not put off. John & I go out & kill two partridges & I go out with New years & get a lot of berries. John kills a black duck. The water is so low that we can catch no fish. Ice plenty on the small ponds, Make my unik sleep in the birdarra for fear of accidents.

Thursday Sept 26

Morning. Winds after. Sailing about a good deal suddenly turns back to the old NW point dead ahead. Lie a mile off. Hunting & I fish for warelling. Catch seven. John comes back with two partridges. After dinner the wind puts sound to West & against the advice of the indians I get all aboard & push off. Pass Tokula Point at dark & about half past eight get in to Negitowrs. Keep in the canoe
Friday Sept 29 1867
Morning, Start out with the bidarros early but the wind vies from round so that we cannot sail & we have to put back. One of our men goes off hunting deer or taking the food out of the bidarros to see why she made so much water she almost falls to pieces being racked and broken in every joint & only held apart by the goods hire an Indian bidarra for 5 fath drill 2 pap. tistaces, 10 balls & 20 charges powder. A tremendous price but as help for it. Load & prepare to start but find being very dry she leaks badly & will not hold all the goods. Have to haul her in & take out the goods again. Arkhamnok arrives but cannot take any goods being full of people, will come & help in our boats however.
Saturday, Sept. 28

Early the Indians told me there is a good wind, so I got up and pack out the goods I need to leave. About 4 AM we have tea, got every thing packed and ready. Started about 6. Have a fair wind, but not very strong. The Indians buy the shoars greatly to my dissatisfaction, as we could go faster and straighter, a little.
Further out—Pass Gulkwa Reefs

Ka about noon and round

Sapanca Point in a dead calm

Pulled ashore and take tea at

a creek where Arkinapaks and other Indians are living

Borrow a key to help

Put off for Unalakleet with

a fresh S.E. wind coming in

pulls a very strong levee about

half past two o'clock, and

about half past five the wind

has raised a tremendous sea

in the shallow water. Sea after

sea drenches us through and

through, constant bailing fails

to keep us dry. Wish her on the beach but it is

high water and no good place.

Off Unalakleet at last—The

water is very shallow and the

waves were absolutely tremendous, two or three one after

the other poured into the boat—and five minutes

more would have swamped us but thank God we passed
over the bar and although perfectly drenched and the
wind was half full of water
we pulled into the bank where
as I feared there is plenty of
ice, the river being frozen, it
is impossible to get up to
Ulluck now by water. Take
up the floes and secure them
the rest of the goods in the
boat which we haul up.
Get tea and flapjacks from Popoff
the Okorshik, who with Ossosh
are the only Russians here. Five rabbits and a woman
comprise the entire force at present. Blankets, clothes, &c are
all dripping. Popoff kindly lend
me a parka and a pair of boots
and I soon turn in.

Thus ends the worst trip ever
made between the Redoubt & una
loaden by any of us. The goods
however are not much injured
and we are all well. There are
very few Indians here now, all
off hunting deer.
Sunday Sept 29, 1876

Morning. Slept in Ennis' old bed. Grew down to the beach after chi and get all the good out of the boat. Considering the amount of water in the boat very little damage was done. Yet every thing into the house or magazine, put the tent & blankets where they will dry, and hunt up some body to go to the pictovick for the goods I left behind.

Pay off all hands for there work to there complete satisfaction.

Get a crew & Auchamacka bidnem to go to Pictovikck tomorrow.

Monday Sept 30

Morning. Get the crew together. My unikes brother, New Years, Mikala, Jimmy & Johnie. Get the bidnem & they start off with a fair wind. They will probaly get there today. Go out to walk with Popoff in the afternoon go about 4 miles & back get a good many shells. Popoff gives
me a fine combination of—

Tuesday, October 1

Morning, rise very late—

lot shells—Rains with little wind. Ice all coming down out of the river. May be able to get off to Mukanek yet.

Take a short walk. After ten turn in early, but am awakened about 10 PM by the bidans arriving from Reigate, with the goods &c., & Johnny. They have had an easy but a rainy time.

The vessels at Reigate had

have stolen half of the fat out

of the bag which skiff there—

Wednesday, October 2

Get the goods which are pretty wet into the store. Pay off the crew. Buy a bag of oil & a whole piece of pork fat—Go down with Popoff into the Indian village, but a crew to make arrangements for a trip to Mukanek as there is no ice on the river.
Thursday Oct 3, 1862
Morning raining & cloudy. Got everything together & put in the bivouac I brought from Effietown. Got two loaves of bread & 11 whole
some salted fish & set ready to start for Shishok. New grass wants to tack out but by a little change its exhibition of force I
came out ahead. Start with a salute from the
Russians about 12. Camp about 6 miles below Shishok
alike at 7 P.M. Have to go a long way for wood to make a fire. In many
streams & leidnii press

Friday Oct 4, 62
Start about 7 A.M. & pushed slowly against the current which
is quite strong. Reach Shishok about noon. Met a few Injikunks
and another Indian with their
wifes & children & turned off about 2
miles staying there. Take tea.
Tuesday gives me some backfat. They want me to stay all night and tell me all sorts of lies about the river, so that they can go up in our bidesa tomorrow to Utkuk but I know enough of the country & Indian ways to insist on going on. Start about 2,30 AM & camp on a bank about 6.30. Making a good camp.

Saturday, Oct 5

Morning. Start about 8 AM & work all day pulling & tracking up stream in a very cold wind. Much new ice in the river. Must make all possible haste back as the river will be frozen in. Pass a good locality for pack but have not time to collect any. Camp a little way this side of Utkuk. The river is dreadfully windy. We have come nearly 30 miles today, which is the winter from Iktigalik to Utkuk. Parrowote is 10 miles.
only, I had no idea it was so far around but time is worth little now and it will save a great deal to have all the heavy food at Unukuk before ice as the portage is very hard on sleds and dogs, there are so many high banks.

_**Saturday Oct 6**_

Start early and push on round many turns and windings to Unukuk when we arrive before 11 o'clock. Old Stareek J. Colloc is dead the women are wailing over him and the men are heaving out his coffin or box grave. Put all our goods except oil 1 piece of houtak in an empty cache, houtak outside and oil in an underground cache. Buy some meat, trout and a bearskin for a bed. They are very anxious for us to stay all night but as it is quite early I prefer to start from the river.
about 12 o'clock. Toward night it snows hard. Row for an hour or two and reach Ptiljafflek about 7 P.M. Sleep in Andreas house. He is the only one there. Take along the bidars

Monday, Oct. 7

Start late about nine o'clock. With the bidars that Runill went up the river in. Reunited with the bidars, reach the post at Malakhleat about 2 P.M., just in time to go in to a good hot bath with Popoff. Take tea and grub and feel decidedly better. Since I have known three bidars have arrived from below and some Indians from above brought down a great deal of whiskey, and they have all been drunk.

Tuesday, Oct. 8

Morning. Pay off the men for their work. Cross over the river in the bidars and walk about five miles to see a curious fish or animal which
The Indians have reported cast upon the beach. Find a dead whale but the fish, or whatever it was is gone. The Indians have carried it off. Come back & cross the river. Buy some fat and two pair of boots.

Wednesday Oct 9
Buy two back fats. Myun iske comes back having killed 4 deer. He brings me most of the fat. Get down the hide and grease it and Ikkab sews it where cut. Tomorrow with Ikkab and the boys I shall start if fair weather for America and examine the rocks there. Staying one or two might as the case may require. Buy some water if possible.

Thursday Oct 10
Get every thing together & start about 12! Paddle a little way & track along the beach some 12 miles. Meet Tommy Skake him along. Reach a little river where Absinok and
Crowd of Indians are camped. Camp here. Some of the Indians make up a present of reindeer meat & tongues of which they have a large supply, see a few many gosel ducks and some falls with black heads.

Friday Oct 11

Start as soon as Alluaud gets off and go into the hills finding a locality for fossils like that on the Wilkuk River, about a quarter of a mile from the beach of the fifth small river north of Holston Point. Get as many as I can carry and go back to the tent where I rest & eat berries then red currants on the vines, just like the cultivated ones at home only the berry is a little larger and tasting just the same. Start down to Holston Point and go about 7 miles taking notes of the rocks, dip & thickness all the way to picking up about 30 st of specimens. Get back after dark
a bidarra with ten Indians
Johnny and Sunny don't get back
till late having killed a deer
apiece but foolishly bringing
nothing but the tongues.
Buy twenty tongues and sleep
sound being very tired having
walked in bad boots about 16
miles during the day

Saturday Oct 12

Morning, rise early having a
fair wind good, and trying the
bidarra behind the Indian bidara
get into the latter starting about
nine and reach Unalakleet
about 2 P.M. Prasnik. Above
ten. A bidara starts for the
Redoubt tomorrow and Report
is writing to Stephenoff and
the Indians will bring back
my bidara which is at the
Redoubt. Write to Stephenoff
to send it & my pickled fish
it will take Parkin's wife
& annas traps to the Redoubt.
Buy three coils of mahonil-and
ten deer ears & some more fur

...
Sunday, October 13, 186
Get up late and set to labelling & packing a box of specimens to fortify the Vindara to the Redoubt. Buy a bag of beluga oil and three small bags of mackeok oil & fat & a good deal of tallow fat from the Indians also some small remné gund gila - Am buying more or less all day. Get my parka fixed with arctic skin and mossamaga finish my box and get out a sail to send for my Vindara Popoff proposes to have a dance & give presents to the chiefs in the caserne.

Monday, Oct. 14
Morning. Buy some more furs rescue some fat and get all ready to work cutting up fat to try out. Get a bath with Popoff & when they get through have about 40-50 fat cut up. The Vindara starts for the Redoubt in the morning with a fair wind. Write to Stoppani to lend my redana, pickled.
Tuesday, Oct 15

Take the fat that has been cut up & after breakfast make a fire + boil out about 3/4 gallons of good fat & have a lot of nuts left which must be boiled over a pound. Have some salmon bones twosmore in the evening. Buy a lot of fish, remai pretty fair in quality.

Wednesday, Oct 16

Morning. Get ready for a treat. Popoff is going to have the Indians cut up a lot of black turkeys to give away. A large kettle full, groats, oil, sugar is boiled and another 2 tea. Bread + sugar are distributed. They arrive about 4 P.M. & make a present to Alwianok & Asknapyak & Popoff to Alwianok and extract oil.
To Andre. The women to several other Indians—Asknapok asks for water meaning whiskey, but I put a literal meaning in his request to give him a glass of water with a large drop of brandy in it. Give alluvanka little most of small tools in a handle, able to PP gives Albuank a shirt trimmed with red stuff. Give all the Indians black tobacco. They drink tea & eat the mush & adjourn the dance to the village esacame tomorrow as the Russian place is not suited to it.

Thursday Oct. 17

Injehock & Andre arrived last night late from Nuuk empty handed in a Kaviak skiff. They tell as many lies as usual and sleep in the village. Morning do nothing in particular which
As very hard work and get
a new tobacco bag made
strong cord and heavy snow
straps. After noon go down
to the village where the treat
and singing is got over. We
sit around the banya or hole
in the floor of the dance
house and all the old men
sing and dance. Myunk
gives tobacco to all and
Popoff two warmer kaskas
and a blazer skin. Alviurz
gives Popoff three fine pres
red ones. Aksnapeyov gives
me two saddles, 6 pair boots
and a fine pair of boots, and
his wife some fat and berries.
Andoe gives Ostrashke half
a kowetak, a pair of comb-
time breeches, meat and tins
also take a samovar
fat, berries, wolfskin, ka
sturgeon. Also Aksman
fat, a whole kowetak to be
cut up in bootsies for all
also koptomnik two moka.
a wolf skin collar and 
string moccasins for the 
man to return. The day is 
for the river to come up in 
the looke, howl once or twice 
give his presents, dance 
in the looke & disapper. 
A man was heard crying 
for a boat across the river. 
Thinking it might be a 
Russian, we fired two guns, 
but turned out to be tale-
lies cousin an Indian.

Friday Oct 18

Rain & snow & very high 
water. A great deal of wood 
thrown up on the beach. 

Get excited because I haven't 
nothing in the way of collecting 
since I came back from Japan. 

ice and take the sled & 
Johnny & start out after falls. 
The waves are too high to 
go far and we kill nothing. 
See a mast on the point. 
Who turns out to be Daniel
and take him across. He has brought my fedora from the Redoubt and but for the storm would have brought her in today—sunny day hunting deer. Persuade young chuck & Andrew to wait till she gets her & go back to the kink in her. Sending New Year's to help as it is bad work taking her up on a sled in winter.

Saturday Oct 19th

Early in the morning got the fedoras round & got bread to feed for them to eat on the way up, but as it is late they prefer to wait till tomorrow and start early. Shall send up a box of cold lettuce.

Sunday Oct 20th

Get up very early and get everything ready but may have the sluets want to have some hoo go them up and go off in a huff because I want them to work.
to take the boat up and
the Injales come back &
want to go up, but I tell
them if they won't work
they must walk and if
they go. Find to my great
astonishment an eruption
of a peculiar kind on my
self & cannot find the
necessary medicines in my
box, although I know I put
them up at the Redoubt.
As it is a case that ad-
mits of no delay I have to
get two Indians & start
for the Redoubt about 3 PM
camp at Fossil Creek about
7 PM.

Monday Oct 21
Morning calm with little
wind. Start early. Sled 300
yards past Goldsway, but a heavy
foul wind coming up
from the west have to sled
in to Ejictowit. The Indians
from the Redoubt with my
bag from Sergeant arrives.
shortly after. The Indians say Blaustine is dead.

By a duck.

With fervently I was at

the Redoubt - in great anxiety

about the eruption

Tuesday Dec 22

Strong Wind and heavy

snow storm. Impossible

to leave, to my great disap-

pointment. They are catch-

ing a good many seal

here. Of the skins they make

keep all of the fat, eat the meat

and make gut shirts. You

covers tracks of the intestines

I hate this place. I have

never been here but with some truth

the first time detained three

days by head winds. The second

till my need of going on is

greater than ever. Again storms

They stole two pairs of blankets

last year I about 200 ft. fat

This year from us - the village

consists of houses & the cabin.
Wednesday Oct 23

Wind and waves worse than before but a slight prospect of better things tomorrow. Meanwhile one must live on hope and dry fish. All my bread is used up, but by great good luck Asayni has a loaf belonging to some body at Umbalcliet to whom I will return it when I get back.

The cedars or dance house is one of the largest in the country I must have taken much labor to construct. It is 22 by 30 ft and many of the logs are over two feet in diameter. Hewed down to plank about 4 in thick with only the rude Indian axes. There is not a nail, peg or joint in the whole building which is built in the ordinary Indian fashion supporting itself.

In the afternoon clear sky but wind and sea still high. The Indians all go out after deer.
Give Asijuk 3 balls, 4 caps and 4 loads powder. Tahwathli 4 caps and 3 balls. At night they came back Asijuk has killed a deer, Tahwathli wounded me.

Thursday Oct 24

Wind lessened but water very bad, can’t leave. Some times think it is lucky that the Nealeys are a hard heated race and that I have some of the Dall philosophy too or I should go insane or kill myself. Hope dear make the heart very sick. Doubtless God has some good reason for putting me through so very hard a trial.

Fried seal meat yesterday. It is not bad except when ever so little of the oil remains, then it is disgusting. Got some deer meat in the evening from Asijuk and two tongues. Toward night the waves go down a little.
Friday Oct. 26, 1860

The whole shore where not too exposed is lined with thick ice about 300 yards in width & very rough. At once get my things together & make up three packs, my own about 40 lbs, & bundle up the rest of the things & leave them in charge of a skip who will stay & hunt. Never give him too some powder & balls. Start to walk to the Redoubt, 35 miles, as the canal is doubtless frozen we can get across. Start about 6 A.M. I walk over very bad hilltops, coming just of holes, fell into & hurt my knee badly & past on however. From Chishcio Barracks about 7 miles by sea & about 15 by land & canal from the Redoubt which is in plain & plenty of ice & a tremendous cold Northwestern all day.
Здорова твоя улыбка сегодняшний день, большом простор, который люблю, walked in the fields. Вывернутая юмористичная.

Saturday, October 26, 1867

 Went from Missas bar stand about 8 A.M. & hard over the ice now three miles or more hard. It is very hard walking being rough like so many knife edges. Read the Redoubt about noon. Take tea with Stapanoff. Get a pair of boots from Rejinskoff today. I come medicine from Illany and take it immediately.

By 5 the afternoon in great pain & suffering. Must go back with dog & slide a hard trip. Go north west wind all day. Evers tuleen new baby girl Christina. I am invited to drink tea there with Stapanoff. Sleep in the country.

Sunday, Oct. 27

Feel better. Calm & cold. Good weather for making ice. Only will wait a few days here when the ice good start with dogs & sled for Rejinskoff. Thalamshetz sick as well. I have made up my mind if I can last till next spring to use all my energies in scolle.
Ten to get everything together to send back. If I should die then it would not be so bad as if I had sacrificed money, time, strength & health and failed in my main object, that of working up the country's Natural History. Take tea with golden who goes off hunting tomorrow. Stepanoff tells me he shall need five of Popoff's dogs, so I can only get one team then which will delay me one trip to Nolato. Monday Oct. 28.


Stepanoff promises me a cup of some sugar. He gives me a good noorden packé. Go out in the afternoon & walk to the fire trap track. See rapidly strengthening. Get three chewich of yunkali per day. Indians must leave in a day or two.

- 30 lbs. rum & 10 lbs. tea
- 1/2 bushel of tobacco
- 4 bottles of alcohol
- 3 packages of sugar
- 4 cans of preserved beans
Tuesday Oct. 29, 69

During the night—the ice has presently in 4 raised piles on the sand bars & reaches 10 x 12 feet high—15 below zero & a strong N.W wind—Stepanoff gives me a good pair of mits. Make out a kit of what I want from the store.

Poorga in the afternoon—

Get 15c Schenckal Tobacco
20c sugar, 1/2 c. tea, a small comb—a pair socks—35c sukarce from the store & a can of alcohol from the magazine.

Get some krasnic from old Martha—Pack up medicine
Give Stepanoff two more cans—

He is like the horse leeches daughter. Don't know whether I will set off tomorrow. 20. 15. 25.

Wednesday Oct 30

Get every thing together and start after Chl. about 10 a.m. with Goldsen. Three Indians

me about six dogs—go on

the ice to Muskka Narragora

+a little further but the
see which is very bad—the
much broken gives out and
we push on by the bank.
very hard work as there is
very little snow yet a big
entry of berries at the far
about 7am golden cherry
pectat at noon and about
6pm get into Kepiackwe
The Indian looks his pipe
returns back for it & after
late hour half not made
his appearance—Asinuk
is still there and has killed
three deer—There is no
good ice & very little snow
which will make
ever bad going.

Thursday Oct 81 69
Early chipped and getting two
dogs and a small sled Asiluk
taking the goods which were
in the kidaa when frozen.
Pack on on a very bad road
to the bay where I took tea when
I came to the Redoubt Camp then
longa very bad in evening—
Friday Nov 1, 1916

Start early and push on on a very bad road, having to cut many willows. Go through Chi peek at 4th cover Reitehka at 11. Kill a female reindeer. Take the heart liver & adder & cut across Totcko Pt and try the dogs & eld to Zapesvis making off all the bone from the runners on the rocks having to carry everything around over two points. There is but little ice and no snow on the beach and the going could not be worse. Take tea with reindeer milk for the first time in Russian America in two years. The Indian hut is very dilapidated & smokes. Saturday Nov 2

Start about 6 P.M. after Chi peek & I push on alone to Unalakleet, leaving the dogs.
and sleds far behind. Make the twenty miles in 6 1/2 hours
arriving at half past 2 P.M.
at Thulekakel — where I
pitch into tea & deer meat at
a feasting rate. Goldsen &
the dogs & sleds arrive three
hours after ward having hoven
& repaired the sleds & well. ever-
thing the ice having given
way I very tired and sleep late
by as I always do when tired.
Johnny has killed another deer
and the Indians have had
their annual fight about the
Yorkon Injalisks coming over
to fight them. Russians all
shaking in their shoes.

Saturday, Oct. 3, 1869
Morning. Goldsen repairs the
sled and I pay off the men who
went with me to the Redoubt
to Unukuk, and others. In the
evening give Goldsen about
of rum in payment for the
beaver he gave me. He gives
some to detraskid and popoff
About 5 o'clock I go out hearing a noise & find all hands grappling an Indian who had pulled the throat of the man, the Craftsman of the camp, very hard. The man was thrown out into the yard & the Indian gave him a terrible beating. All this was accompaned with more roaring and exhibition of ferocity on the part than I would have believed possible. They five of two men & finally sent the other fellow off in a boat. It appears that the Indian, Isaac, one of the best Indians I know, came drunk into the yard and Ostrakoff also drunk tried to pull him out & tore his back. He then got enraged & came into the house grabbing Popoff who was just going out.
The Russians are the neatest set of fellows I ever saw.

Monday Nov 4

Early in the morning Gits sent the dogs leave. For Reobutz Lead becomes in midday degrees for his conduct and it is all smoothed over. Buy 250 akali, some fat, gila, and jet a lot of Indians at work cutting up the fat. Buy some winter boots. Eat up Astrapas and fried smelt while he is asleep when he wakes up tell him he eat them himself. Before he went to bed, I have more fat all the gila, fat, venus and oil 3 want and still need more boots & perhaps a few chuklu and a parka.

Tuesday Nov 5

Buy 100 more akali or there about and a beautiful pair of women breeches to take home made of canvas. neighbourhood in the after noon write & buy a pair of
boots. Quite cold. Went downtown with Popoff & the woman & sit through the first part of the dance. The Indians paint themselves with charcoal & strip stark naked & go to every house in the village & bring back charcoal & sing their own while they smoke it. The odor is so powerful that I have to leave. Lee Isaac in the afternoon. He has jet over the worst effects of his operation but has a sweat breaking down on him yet.

Wednesday Nov. 16.

Morning. Keep two Indians working down back fat all day. Afternoon go over to wash blankets and look for a ships mast which Goldsen said was in the bay but he probably lied as we saw nothing of the kind. Day cold & show toward evening with north wind & power
Thursday, November 4th, 1863

Morning. Finish boiling the fat and get about 15 gallons of clear tallow which will be very acceptable in winter at Nulato as I have no butter tallow, or bacon grease of any other kind to cook with. Evening go to the egrousha against many Indians make present of dried skins, rice, etc. Give Askutapayak a stick of powder, a snowglass & the plane he asked for, & his wife a pair of scissors. Pippoff gives Alexianote a sugar bag & a kettle & some caps, & she gives me one man a papoose & a bag & a pipe & tobacco. Came back & have a talk with A. Skoe who is up to dirty tricks like all the Russians. Pay him in full what I owe him for making bread & smoking tobacco. Gen. auditing the way till L. J. Waller comes here.
Friday Nov. 6, 1856

Morning settle accounts with B & F up to the 15th of the month. I pay him for 100 sacks from him for flour. Evening old Caterma was here in the village dies suddenly and the dance is post poned.

Saturday Nov. 7, 1856

Get one of the women to work making a collar & neck tails. Have a good hot bath today. Crowd of Indians in all day turn in early.

Sunday Nov. 8, 1856

Get Isaac's kister to come & spend the morning in cutting out harness while he sews them. All the old harness is bad & I must have new ones. Kamokina has an Indian sick in his house & being afraid he would die left the house and put him out in a cotton tent where the poor fellow will soon freeze to death.
Asknapuyak brings one in a dead heray but in fair condition and a pair of comelone breeches.

Monday Nov 11 65
The sick man is dead - they have taken him across the river & left him in a piece of lontak with a few sticks over him, his fur all things else with him.


Get a lot of clothes which Andreas wife comes down from Unlulik with know and says that the man is very good & we daily expect Agnes till Kurill.

Tuesday Nov 12
Morning, get my harness finished. About noon Kurill arrives with 5 dogs.
THE VICAR HAD A CURE

...and the Youkon sled... soon after Pavloff & Pasvikoff
with cresels & Ivan Zme
& Peetka with another set
in. We well at Nulato.
One fish trap down & catching
fish already. Evening get
clothes mended and write.
Pavloff gets very drunk
on Pelly's liquor & behaves
like a pig as he is.

Wednesday Nov 13
Go to work and pack all the
baskets & bags. Give Kendall a
parka, suit, shirt, boots, moptop
and mittens. There is a terri-
ble lot of work and it will
be a bit for getting them in.
Nulato. Pay Myunik $1,300
for his case. Try the Youkon
sled with our dogs and it
goes pretty well. They will
do better when they get used
to it. Got ready to start
tomorrow. Pavloff was a day
away. Going down. Got a pair
of boots from Nulatka.
Thursday Nov. 14

Got up early but there is a very strong wind & snow so it is impossible to leave—pay themselves in advance buy a coat & mahout for Kamokine. Got home to go to Nulato—pack the heavy goods on the sleds in the afternoon. Toward night weather better. Ivan also does not leave for the Redoubt

Friday Nov. 15

Early Pavloff & Dakota ski get off & come after I start with 4 sleds and 13 dogs for New Nulukuk, the sleds are very heavy and we have to work very hard. The English sleds do fairly well & are dependent on the dogs more than the Siberian Chikpeet about 3 p.m. and push on at night till 4 p.m. when we camp not far from Ahtigalik. I have got 20 now, I can live like the Siddians, eat raw meat or fish or whale and relish it but I'm hungry
Saturday November 16, 1889
Morning, rise early before light
eat & fix Showing attacks to my
Yorker sled, start and about
it all reach Ahtigalik.
Put my
sleds in the cache and strike
matter for his dogs & sleds, Buy
a feed for the dogs also some
bear meat & a little fat and some
dry deer meal & some trout. In
gechuk agrees to take a bag
of flour to Nulato. Buy a dog
for a small sled trap. Dogs
in Andreas house, all the In-
dians are going to Sakitak to
the oregurka given by
Sekunka who has bought it.

SUNDAY, Nov 17
Start late leaving a can of hot
on age & handle some chocolate
at Ahtigalik and push on
to where Hamilton & Down
have built new houses near
the old site of Nulato want
to buy a sled, as Matfay the
old ruffian only gives us
an old one and refuses
Nov 24
8 loaves bread 44/6
36 ukali
241 Tobacco Sitka 50¢
1" soap 20¢
9 yard the drill 290
10 paproth Zerkatsky Tobacco 90¢
1 Plane
100 ukali
Board myself, boy V Indian 7 days

Mynina 1.30
Popoff 9.50

owe on $.

Nov 25
1 day bread

Mynina 1.30
Popoff 12.00
Saprona 15.00
Zyntok 2.00
Malakleit 4.30
9c 1.30
8.50
36.50
2.50
4.8
50.40
36.55

Mynina
Popoff

Analakleit

leave to Sukacer ky Belyaowryt "maklor" Zortog Kerey 261 ukali (the 100 mark)
1 small kovak.
Trading goods in hand:

14 1/2 small (red) powder in cans
10 " large "
2 1/2 " cannon "
4 " damp "

1700 1/2 rifle balls
30 " shell & lump lead
10 " strip

1272 large rifle caps + 350
1100 50 D small + 600
1250 100D " damp proof
1000 Hair

Total 4622 caps 49 22: 5 172
To undilute by water 60

" Redoubt 60
" Nulati by tund 140
" H1 - yourkon by water 650
" Nulati 650
" Redoubt 700

Total: 2460 27 45
Aug 24, commence boarding with Stepanoff. Promise Russell $50.00 a year.

owe laguer to Yakutag 14 p. snakes 1 pum Serkee - 16 p. 1 mixed

Kojenskoff owes me for 1 pum Yakutag

Mikshuk
Rejiclwuk

Shupuk
Rejiclwuk
Aug 24
4 lbs tea [Bean]
2 " sugar
10 " flour
4 akali
1 comb x

Atang'am. Hodden Lukeen
Men Yakuty 5
Kojenikoff. Ananyan

Hessi for koyam, yard 7
coal -
Salt - guna -
Bread, akali, butter -

Lukeen 15.50
Washing 3.00
Bread & margarine 3.32
Lunch, sugar, tobacco 1.11
" nephew take 1.11
My own (breakfast) 6
Kemoklin 4
3, 4, 5, 6, 7, 11 days