



#6

1893

Aug 10 - July 23/94



## CALENDAR FOR 1893.

JANUARY.		FEBRUARY.		MARCH.		APRIL.	
Sunday,	1 8 15 22 29	S.	5 12 19 26	S.	5 12 19 26	S.	2 9 16 23 30
Monday,	2 9 16 23 30	M.	6 13 20 27	M.	6 13 20 27	M.	3 10 17 24
Tuesday,	3 10 17 24 31	T.	7 14 21 28	T.	7 14 21 28	T.	4 11 18 25
Wednesday,	4 11 18 25	W.	1 8 15 22	W.	1 8 15 22 29	W.	5 12 19 26
Thursday,	5 12 19 26	T.	2 9 16 23	T.	2 9 16 23 30	T.	6 13 20 27
Friday,	6 13 20 27	F.	3 10 17 24	F.	3 10 17 24 31	F.	7 14 21 28
Saturday,	7 14 21 28	S.	4 11 18 25	S.	4 11 18 25	S.	1 8 15 22 29
MAY.		JUNE.		JULY.		AUGUST.	
Sunday,	7 14 21 28	S.	4 11 18 25	S.	2 9 16 23 30	S.	6 13 20 27
Monday,	1 8 15 22 29	M.	5 12 19 26	M.	3 10 17 24 31	M.	7 14 21 28
Tuesday,	2 9 16 23 30	T.	6 13 20 27	T.	4 11 18 25	T.	1 8 15 22 29
Wednesday,	3 10 17 24 31	W.	7 14 21 28	W.	5 12 19 26	W.	2 9 16 23 30
Thursday,	4 11 18 25	T.	1 8 15 22 29	T.	6 13 20 27	T.	3 10 17 24 31
Friday,	5 12 19 26	F.	2 9 16 23 30	F.	7 14 21 28	F.	4 11 18 25
Saturday,	6 13 20 27	S.	3 10 17 24	S.	1 8 15 22 29	S.	5 12 19 26
SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
Sunday,	3 10 17 24	S.	1 8 15 22 29	S.	5 12 19 26	S.	3 10 17 24 31
Monday,	4 11 18 25	M.	2 9 16 23 30	M.	6 13 20 27	M.	4 11 18 25
Tuesday,	5 12 19 26	T.	3 10 17 24 31	T.	7 14 21 28	T.	5 12 19 26
Wednesday,	6 13 20 27	W.	4 11 18 25	W.	1 8 15 22 29	W.	6 13 20 27
Thursday,	7 14 21 28	T.	5 12 19 26	T.	2 9 16 23 30	T.	7 14 21 28
Friday,	1 8 15 22 29	F.	6 13 20 27	F.	3 10 17 24	F.	1 8 15 22 29
Saturday,	2 9 16 23 30	S.	7 14 21 28	S.	4 11 18 25	S.	2 9 16 23 30

## CALENDAR FOR 1894.

JANUARY.		FEBRUARY.		MARCH.		APRIL.	
Sunday,	7 14 21 28	S.	4 11 18 25	S.	4 11 18 25	S.	1 8 15 22 29
Monday,	1 8 15 22 29	M.	5 12 19 26	M.	5 12 19 26	M.	2 9 16 23 30
Tuesday,	2 9 16 23 30	T.	6 13 20 27	T.	6 13 20 27	T.	3 10 17 24
Wednesday,	3 10 17 24 31	W.	7 14 21 28	W.	7 14 21 28	W.	4 11 18 25
Thursday,	4 11 18 25	T.	1 8 15 22	T.	1 8 15 22 29	T.	5 12 19 26
Friday,	5 12 19 26	F.	2 9 16 23	F.	2 9 16 23 30	F.	6 13 20 27
Saturday,	6 13 20 27	S.	3 10 17 24	S.	3 10 17 24 31	S.	7 14 21 28
MAY.		JUNE.		JULY.		AUGUST.	
Sunday,	6 13 20 27	S.	3 10 17 24	S.	1 8 15 22 29	S.	5 12 19 26
Monday,	7 14 21 28	M.	4 11 18 25	M.	2 9 16 23 30	M.	6 13 20 27
Tuesday,	1 8 15 22 29	T.	5 12 19 26	T.	3 10 17 24 31	T.	7 14 21 28
Wednesday,	2 9 16 23 30	W.	6 13 20 27	W.	4 11 18 25	W.	1 8 15 22 29
Thursday,	3 10 17 24 31	T.	7 14 21 28	T.	5 12 19 26	T.	2 9 16 23 30
Friday,	4 11 18 25	F.	1 8 15 22 29	F.	6 13 20 27	F.	3 10 17 24 31
Saturday,	5 12 19 26	S.	2 9 16 23 30	S.	7 14 21 28	S.	4 11 18 25
SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.	
Sunday,	2 9 16 23 30	S.	7 14 21 28	S.	4 11 18 25	S.	2 9 16 23 30
Monday,	3 10 17 24	M.	1 8 15 22 29	M.	5 12 19 26	M.	3 10 17 24 31
Tuesday,	4 11 18 25	T.	2 9 16 23 30	T.	6 13 20 27	T.	4 11 18 25
Wednesday,	5 12 19 26	W.	3 10 17 24 31	W.	7 14 21 28	W.	5 12 19 26
Thursday,	6 13 20 27	T.	4 11 18 25	T.	1 8 15 22 29	T.	6 13 20 27
Friday,	7 14 21 28	F.	5 12 19 26	F.	2 9 16 23 30	F.	7 14 21 28
Saturday,	1 8 15 22 29	S.	6 13 20 27	S.	3 10 17 24	S.	1 8 15 22 29

*Finished writing in fifth  
 book August 9th  
 He paid in this the Sixth  
 on August 10th 1893*



(1)

1893 Wind blew hard from west all  
July 10 day got around to north in even-  
ing very cold. Saw finished back-  
setting afternoon & began to harrow  
followed Jake & I worked at Separ-  
ator awhile then I went to Carl's  
while he buried a few stones &  
cleaned up generally. Feeling very  
like frost tonight

" 11 No frost this morn. but very  
near it, very cool wind north  
kept cool until four o'clock  
when it got warm tonight not a  
breath of wind & cool would not  
be astonishing if it froze tonight.  
Saw finished harrowing follow  
then began at backsetting. Jake  
drew off staves & brush until  
four o'clock then harrowed &  
worked at Separator

(2)

1893 forenoon, went for mail  
after & hunted news for threshing  
nearly everyone has started  
Cutting.

Aug 12 A white frost upon us  
got up this morn. first of the  
Season, can't say if it hurt wheat  
or not but it must have  
as there was ice in places,  
none around here but lots at Mr  
Callens, it is too bad both  
small yield & frost. I went to  
Griswold forenoon with  
Katie home at noon. Saw  
finished harrowing his piece  
of backsetting at 7 o'clock & began cut-  
ting wheat Jake sheathing after  
him. Wind east tonight windy  
& pleasant all day



(3)

1893 Rained a little early this  
Aug 14 Day. Thundered & lightning  
all last night. Sam & Jake  
ground Ruins of old binder  
this morn. then he began to cut  
South of house. I went to  
Oak Lake early & boat home  
two men John Thompson  
& his brother, John is working  
with me & his brother  
went to R. Findlay until  
threshing starts. Ran both  
binders after noon & cut on  
two sides of field, blew  
such a hurricane could not  
do more. Never saw a worse  
wind nearly impossible to  
sit on binder. Crop very  
poor won't be more than a  
1000 bushels on the traces

(6)

1893 A splendid day for  
Aug 15 Cutting both binders cut  
both day for eight and did well  
when thing started up tight  
time, & at Oak Lake today  
Oak Sam & Jake cut on eight  
in 2 1/2 road then Jake started  
ran 2 1/2 & I drove binder,  
eight cut a job to John Shaw  
to this light crop, until we  
ran tonight. South  
" 16 began with both binders  
early this morn. a few small showers  
forenoon but not enough to  
stop us cutting we made a big day,  
ground very rough, hard on both  
horses & men. A cloudy cool day  
very little sun shine. Sam boat  
in his binder to go to eight to  
noon I will finish here alone



(3)

1893 Rained a little early here  
Aug 14 Dr. Thunder & lightning altho  
all last night. Saw & J. this  
found Ruines of old say that  
this morn. then he he cool, to  
South of house. I cut a  
Oak Lake early & put Lee &  
two men John guides. I cut  
& his brother to of house &  
with on that field traces  
us it

" 18 Pleasant all fore now very hot  
for awhile after but wind got up  
from east & cooled a good deal  
Saw & I cut all day on eight  
ground fear full rough wheat will  
go about 70 per acre. Very cold  
last night & this morn. Saw no frost  
but it must have frozen as it  
was cold enough for zero

(6)

1893 A splendid day for  
Aug 19 Cutting both binders cut  
all day for eight and did well  
everything stowed up tight.  
Went at Oak Lake today

" 21 Saw & Jake cut on eight  
until noon then Jake shaked  
afternoon & I drove binders.  
I took maid to John Shaw  
he is to keep him until we  
begin threshing. Wind South  
East, began raining fore dark  
still at it hard at bedtime

" 22 Must have rained all night  
lots of water around & barrel  
full. Saw & Jake went for load  
of sand this morning John  
set up stooks & sheaves on fire.  
John went to eight after & other  
boys ground Ruines. I went to  
Oak Lake in evening



(7)

1893 Both binders cut in sight all  
Aug 23 day and left about ten o'clock  
work of one binder to finish it.  
Brought home the new binder tonight  
& will start to cut wheat next J.  
Carpenters tomorrow morning.

Kept cool & cloudy all day, soft  
this morn. until noon

" 24 A very hot day, saw finished  
cutting in sight at ten. When  
came to fine on east side to  
cut I began there in morn. & also  
Ray's carpenter, he cut the  
whole thirty acres today it was  
full of dry weed & cut very hard  
between the heat & that our  
horses were nearly played out  
I got three bags oats at one  
McCallum's today, took Jake  
down to work for him for a  
day or two

(8)

1893 A very windy day blew  
Aug 25 a hurricane from south  
at times, the old binder played  
out this morn. So I worked near  
one until eleven when Sam  
put his horses on until six,  
when I hitched again & cut  
as long as I could see, a heavy  
thunder storm ~~last~~ tonight  
lightning very close, <sup>but only a few sparks of</sup> many  
& bral away to Hillview to  
day. I took a Frenchman  
to McCallum's at noon

" 26 Saw began cutting out at this  
morn. at four o'clock we finished  
out at barley at 6:30 & began at wheat  
west of house. Saw this until  
sight tonight. I went to Oak Lake  
afternoon. Very cool & windy all  
day real cold tonight wind blowing  
strong from north



(9)

1893 A cold morning I began cut-  
Aug 28 try wheat west of house  
at a quarter past four in  
morn. Lots of frost on tongue  
of binder. finished cutting  
everything at eight tonight  
that winds up harvest. I went  
to Oak Lake in afternoon.

Feeder not there & won't be  
until Saturday, I intended  
starting threshing machine  
on Thursday but will  
have to wait now until  
Monday. My engineer came  
today. Took John Thompson  
to McCallum's tonight

" 29 Cal. this morn. but very hot  
through day. J. Hays came  
this morn. he is to run engine  
we fixed up granary. Sam

(10)

went to Oak Lake in morn. &  
got hair cylinder & binder  
we put bolts across corners  
of granary. & put cylinder  
in place tonight

Aug 30 J. Hays Sam & I worked  
at granary until noon, Sam  
& I went to Oak Lake then for  
engine & got the horses shod  
we also brought home  
Helliwell's truck. Tom began  
to cover caboose afternoon  
very hot all afternoon tonight  
beautiful no sign of frost

" 31 I went to Oak Lake only to  
have Mr. Thompson. Sam dew shale  
afternoon. Sam & I fixed Caboose  
& fixed up generally.  
A nice warm day but windy  
from west



(11)

1893 A very cold morn. I went to  
Sept 1 Car Lake in Cart got back  
ten o'clock, Sun down shale  
from foot of hill until  
noon afterwards went to Oak  
Lake for self feeder not done  
yet at 9.30 Tom Hayes &  
ran hayes into Separator  
then fixed tanks. Mr. Thompson  
worked with H. C. John Thompson  
came here from near in Calhoun  
tonight a nice cool day

" 2 Saw went out for feeder  
this morn. & got back with it  
at ten o'clock we will not at-  
tempt to put it on until after  
arrives. got things in shape &  
began to thresh oats afternoon  
for neighbors machine works  
well for a start

(12)

1893 Began to thresh this  
Sept 4 morn. in 30 acres next J.  
Carpenter finished it at  
noon 480 bushels an average  
of 16 per acre. Moved machine  
to house man here to put  
on hand cutter & feeder tried  
it all afternoon but could  
not make it go, we only  
threshed 20 bushels after-  
noon, took it off in even-  
ing. I went to Oak Lake  
got cylinders cap home at  
twelve. Wind east all day  
very warm

" 5 Threshed wheat all day  
finished field south of home  
& nearly all of Kentons wheat  
made the biggest day of  
wheat ever was made



(13)

1893 around here 1649 bushels  
my wheat has not turned out  
anything like I expected  
as it has only averaged  
13 bushels per acre. A fearful  
hot day

Sept 6 A fearful hot day. Finished  
threshing for Reuben at eight  
this morn. & moved to W. Co.  
made over a thousand bushels  
there & nearly finished it  
only about an hour's work  
there yet. Machine running  
well. grain turning out very  
poor, only about eleven  
bushels per acre

" 7 Finished threshing early this  
morn. at six, eight & moved to  
W. Gump's finished grain to-  
night & moved to J. Milner

(14)

1893 Machine ran well we  
made over 1500 bushels.

A fearful hot day.  
Sept 8 Threshed at J. Milner all  
day & had a lot of breaks  
there some that we have had  
altogether since starting  
however we made 1172  
bushels. Very hot day wind  
strong from S.E. all day  
tonight thundering & lightning  
a lot but hope we will  
have no rain

" 9 At J. Milner with machine  
today made the smallest day  
yet 1000 bushels. Had a break  
down afternoon delayed nearly  
three hours. Very hot strong wind  
from west until four o'clock  
when it went down fearful hot  
after



(15)

1893 A very hot day wind blowing  
Sept 11 strong from S.E. very sharp  
lightning last night & a few  
drops of rain but nothing  
to hurt. Lovelock's elevator  
in Giswold struck by  
lightning & burnt heard it  
was full of wheat. Finished  
threshing for J. Culver today his  
wheat on nine averaged 18 per  
acre. We made ~~1875~~ 1518 bushels  
today, machine at J. Carpenter  
tough.

"12 Threshing at J. Carpenter today  
& nearly finished him, very foggy  
this morn. & damp. Windy all  
day very strong in afternoon  
from S.E. made 1420  
bushels today.

(16)

1893 I stayed at caboose last  
Sept 14 night left Joe Carpenters  
yesterday morn. with machine  
and went to Harveys had a  
bad day of it there & had to stop  
work at six o'clock I went to  
Oak Lake in evening for  
repair, we made over seven  
hundred bushels of wheat at  
Harveys forenoon & just  
finished two shocks of  
wheat when it began  
raining & we had to stop,  
they still have 25 acres  
of oats in shock to thresh.  
S. Lueck built chimney  
yesterday



(17)

1893 Left Harveys with machine  
Sept 16 yesterday afternoon & went to  
Mrs McCallums, began to thresh  
there when something broke,  
so we shut down for the day  
& fixed up, very windy all  
day nearly impossible to  
do anything. Today machine  
ran splendid we made 1515  
bushels all wheat, it averaged  
fifteen per acre. A very windy  
day hard to fork but we kept  
at it all the time.

" 19 Threshing at McCallums yester-  
terday & today finished him  
this evening & moved to R. R.  
Sundays, made 4400 in three  
days. Frost very hard last night  
I saw some tonight & will go  
back in morn.

(18)

1893 A very windy day New  
Sept 20 hard from east all  
day a lot of lightning in that  
quarter tonight but is clearing  
up tonight, I don't think it  
will rain, Threshing at  
Sundays today & made  
1279 bushels of wheat nearly  
finished him on Sept 20  
" 23 I have been away with  
threshing machine since last  
writing finished at R. R.  
Sundays on Friday now the  
22<sup>nd</sup> & moved to Mrs Dennisons  
machine worked well there  
until 23<sup>rd</sup> at noon when we  
shut down I came home &  
went to Oak Lake stackers  
were working badly & the wind  
for the last three days has  
been frightful bad



(19)

1893 Have been threshing at  
Sept 30 Cairns & finished Cindy's  
place last night began to  
rain just as we finished  
& kept it up all night also  
most of today. I came  
home forenoon & went to  
Oak Lake got things  
fixed up about machine.  
We have lost part of  
two days this week getting  
things fixed up, still have  
a week's threshing to do.

Very cloudy & dull tonight  
but not raining

Oct 1 Threshed today at Jack  
Cairns place began late  
on account of rain on Saturday  
tops of stalks wet & delayed  
us some we made over

(20)

1893 a thousand bushels  
of wheat Maggie came  
for me in evening & I came  
home to go to exhibition  
at Oak Lake tomorrow  
Oct 3 at exhibition all day  
today cool & cloudy until  
three o'clock afternoon when it  
began raining & kept it up  
heavily ever since. A very good  
show today cattle were splendid  
" 4 I went to machine this morn.  
expecting to shut down but Blaney  
so anxious to get done we kept  
at it & finished tonight, boys came  
down home settled with Mr. Sharp  
son & boys they went home I gave  
them note on demand. rest of boys  
got jobs around country will  
come back when wanted



(21)

1893 I. Harp & I went to Oak  
Oct 5 Late forenoon, roads  
fearful bad heat getting  
a little dry. I picked  
potatoes afternoon. Two  
teams plowing forenoon  
& three after, cool all day  
Sun shine sometimes  
" 6 Sam & Buchanan plowing  
& harrowing all day. Jake &  
Lore Harp stacking oats  
pretty damp in morn but  
nice & dry in afternoon, I  
picked potatoes all day  
went to Demission's tonight &  
bought a pig came home by  
P.O. & heat mail. Very cloudy looks  
like rain tonight. I also bargained  
for a cow with Demission

(22)

1893 A cool sunshiny day  
Oct 7 wind from west but not  
too strong. Buchanan harrowed  
& plowed all day, the other  
two teams & four of us stacked  
oats & wheat all day in  
yard, finished last night  
we still have barley & rye  
to stack. Before raining  
at nine tonight but hope  
it won't last long  
" 8 ~~Stacked~~ Two teams  
took wheat to Oak Lake  
forenoon while one team  
put barley & rye forenoon  
I went after Lyle Smith  
to feed machine. Sent  
to Blakey for machine  
afternoon. Blakey cold  
shut from work all day



(23)

1893 Started up machine to  
Oct 10 thresh at home in camp  
broke both metal heads  
of beets. I took it to Carl  
Lake & got fixed, came back  
began threshing at three finish  
sets ~~th~~ they turned out well  
733 chis. hls. but were damp  
" 11 Threshed our wheat, up  
sharley got home here this  
camp. then went to K. Bennett  
made a good day there  
threshed out three sets &  
began the fourth. Wind  
blew from all quarters today  
cool east wind tonight  
" 12 Finished threshing at Invericks  
this morn. & moved to W. R. Smith's  
finish his tonight. Machine  
at Invericks tonight, made over  
1600 today

(24)

1893 Began threshing at  
Oct 18 Invericks this morn.  
finished him at three  
then went across hills for  
W. R. Smith threshed for  
him there until 11:30  
or later. Last night fin-  
ished him all but about  
ten bushels water run  
out & we had to stop  
that finishes up the  
threshing for this year  
we made ~~up~~ send ten  
hundred bushels water  
day. Temperature from  
N. W. blew our wheat  
off some times  
" 14 Settled with men this  
morn. but had no money for  
them they all went to Carl



(25)

1893 Lake I took J. J. Smith  
Oct 14 up home forenoon then  
went to Oak Lake after, got  
money from several parties  
& paid all men only one.  
A beautiful warm day very  
cold tonight

" 16 I took Tom Hays to Oak  
Lake this morn. & gave him his  
money in full, I drew wheat  
ticket for all my wheat  
from Robbins at 43¢ per  
bushel & paid Cameron's note  
Dickson's a/c & got home at  
noon. Sam & Jake plowing  
& harrowing all day

" 17 Burp plowed & harrowed  
all day. I took load of wheat  
to Griswold got 44¢ for  
it. Wind hard from east all  
day very cold

(26)

1893 Lake & I went to Deunison  
Oct 18 today & took out <sup>two</sup> a load  
wheat from there to Griswold  
got back at seven. Saw plow  
& harrowed all day. Very  
cold wind south

" 19 A white frost all over where  
we got up this morn. A beautiful  
warm day. Lake & I took two  
loads of Deunison's wheat to  
Oak Lake got 43¢ per bushel

" 20 A nice warm day I took  
out load of Deunison's wheat  
to Oak Lake saw & Jake  
plowed until noon & took  
out turnips after, there was  
four big loads of them. A  
beautiful night not going  
to freeze much. I went to  
Deunison & got load this  
afternoon



(27)

1893 A nice morning I started for  
Oct 21 Oak Lake with load early  
before I got there wind began  
blowing very hard from south,  
sand drifted a lot, a disagreeable  
time, I went to Mr. McHeik's  
& brot. home our heifer, she  
looks well. Jake harrowed fore  
noon & plowed after, Paw  
plowed all day, he quit early  
& went to Oak Lake. Jake  
gone to Demmons for load  
of wheat tonight. A nice clear  
night only wind blowing hard  
from north west

" 23 Snow on the ground when we  
got up & snowed a good part  
of day. I went to Oak Lake  
with wheat in my. wrote let-  
ters afternoon. Bays both

(28)

1893 plowed all day, a disagree-  
Oct 23 able day about an inch  
of snow on ground still close  
& looks like more wind NW  
" 24 Frozen very hard this morn.  
but bays began plowing early &  
kept it up all day. I went to  
Demmons early in morn. &  
brot. load of wheat home,  
took it out to Oak Lake in  
afternoon got home late,  
brought back four horses  
belonging to Block's got them  
from L. O. Leiverson. Not near  
so cold tonight

" 25 A nice morn. but got cloudy &  
very cold through day to night beau-  
tiful & clear. Bays plowed all day  
I chored around went to Muskegon  
2



(29)

1893 Very hard frost this morn.

Oct 26 ground frozen hard & kept that way nearly all day, boys plowed all day but it was pretty hard some places.

Blew hard from south all day & snowed a little, not nearly so cold or windy tonight and we may have a while of plowing yet. I went to Oak Lake afternoon with Katie

Oct 27 Blowing hard from north all night, blowing a hurricane this morn. & kept it up all day very cold, boys began plowing this morn. but quit it. was not going well although some people plowed all day. Saw cut posts for stable & Jake banked house. No wind tonight but very cold

(30)

1893 Very hard frozen this morn.

Oct 28 The plowing is stopped for this year. Kept very frosty all day Sun shone & pleasant middle of day very cold tonight. Saw worked at stable making one out of manure all day. Jake worked at banked house & finished it afternoon. I went to Oak Lake forenoon chored around after

" 30 I left early this morn. & went to Brandon with Katie in cart got back home at eight o'clock, very damp & foggy this morn. nearly a rain. Nice bright Sun shone afternoon. Boys worked at fixing up manure stable all day. Many went to Tom's yesterday stacking there a few days



(31)

1893 A beautiful warm day we  
Oct 31 worked at stable until noon  
got all the manure there is around  
it, after cleaned up generally got  
machine into shed all plows  
also, caboose up to kitchen &  
everything cleaned up, Sam  
and I went to patrons meeting  
tonight not enough there to  
open a meeting afraid it is  
going to die

Nov 1 A very bleak cold day  
wind north & west all day & very  
cold, had a good heavy shower  
of snow. Boys deepened well  
at stable about four feet  
today, after drew manure  
from Reubens & fixed stable  
for cattle. I went to Oak Lake  
afternoon came home by T. J.  
Smith & brot Mary home.

(32)

1893 A cold bleak day wind  
Oct 2 west & felt very like  
winter. Boys drew manure from  
Reubens this morn. & then from  
Shilbes Sam took load of  
wheat to Oak Lake afternoon  
& got it fristed 63 bushels. I  
went to Griswold in buggy  
every place full of wheat  
& no cars to take it out.  
A train came up tonight & left  
some empty cars.

Nov 3 Boys took out two loads of  
wheat this morn. to Oak Lake  
got it unloaded, Jake came home  
Saw broke wagon tires &  
got new one in got home seven  
o'clock. I went for mail after  
noon Jake drew manure from  
stable. He filled up two loads  
wheat tonight



(33)

1893 A nice clear day boys took  
Nov 4 out two loads of wheat to  
Oak Lake in morn. & two to  
Griswold in afternoon, had  
hard work to get unloaded in  
either place they were so full  
of wheat cant get cars to  
ship it away. Went to Mericks  
tonight with Reuben he settled  
for shooting mare paid Mericks  
785.

" 6 Boys took two loads wheat  
to Oak Lake this morn. Sam &  
I took out two afternoon.  
Wheat still lower today only 48¢  
for best. Gave D McCallum  
chattel mortgage today on every  
thing to secure him in getting  
pay for his farm. A beau-  
tiful warm day & warm to  
night

(34)

1893 A dull warm day rained  
Nov 7 a little forenoon, Sam  
took out load of wheat in  
morn. I ~~took~~ went to Hindlay  
forenoon & brought home  
load of wheat I took it to  
Oak Lake afternoon & sold for 48¢  
the cheapest yet that price  
is shameful. Boys har-  
rowed afternoon first  
out of ground enough  
for that. Looks very  
like snow tonight

" 8 Sam & I went to R  
Hindlays this morn. & got two  
loads of wheat took them to  
Oak Lake afternoon. Maggie  
& I went to special meeting  
at St Davids tonight. A beau-  
tiful warm day Jake harrowed  
all day



(35)

1893 A beautiful warm day. Jake  
hog hauled with three horses  
all day. Sam tried plowing this  
morn. & again in afternoon but  
it was too hard, he hauled  
balance of time. I went to R.  
Friday in morn. & took load  
of wheat to Oak Lake

• 10. Began raining at six o'clock  
this morn. & kept it up until  
noon. Boys cleaned seed wheat  
in forenoon afternoon cleaned  
up & boys plowed <sup>afternoon</sup> began raining  
again this evening & tonight snow-  
ed a little, now at 9 it is  
not snowing any but is blowing  
hard from N.W. this is the first  
year I ever saw rain here this  
time of year. I went to Mas-  
Kawato for mail

(36)

1893 About half an inch of  
snow when we got up  
this morn. & very cold, wind  
blowing from N.W. I settled  
up with Sam he still has  
three days to put in & will  
help me to draw hay from  
South next week. Cold all  
day but sun shining. Muffed  
& I went to Oak Lake after  
noon.

" 14 Sam & I went to N. Pittman  
yesterday for hay & got back  
tonight with two loads, two  
fearful cold & windy days  
the worst & coldest of the sea-  
son, yesterday west wind all  
day, today nearly north snow-  
ed a little & altogether a very  
disagreeable cold day



(37)

1893 Wind blowing hard from east  
Nov 15 all day, Mary & I went to Oak  
Lake afternoon when I mailed  
check for \$132.<sup>00</sup> to Imperial  
Bank Brandon. Began snowing  
hard before we left Oak Lake  
& kept it up for a long time  
until we went to bed. Sam  
went away this morn. & Jake  
went to Oak Lake to see his  
friend who is sick there.

" 16 Wind east this morn. but not  
snowing until about eight o'clock  
when it began storming hard  
a regular blizzard but not  
cold. Sam & Jake away to Tib  
tears this morn. for hay

" 17 Very cold & clear today wind from  
north, boys got home with hay  
lots of snow on road. Cloudy  
& looks like snow again tonight

(38)

1893 Cold & clear all day with  
Nov 18 a few heavy showers  
of snow. Sam & Jake put off  
both loads of hay this morn.  
then Sam took home Trilves  
hay rack then went to Mr  
McCallum for cow, he & I  
went to Oak Lake afternoon  
he stayed there as he is done  
with me, having put in 21  
months. Jake chored around &  
cleaned wheat all day

" 20 A calm cloudy day and  
not cold, a few flurries of  
snow tonight but nothing to  
speak off. I went to Mr Callum  
this morn. & got pulley & rope to  
kill beef. W. B. came in afternoon  
& helped us to butcher. I took  
Saw up to Mr Jans tonight he  
is hired there for winter



(39)

1890 A blustering day but not  
hoor, cold cloudy & dull had  
two or three flurries of snow.  
Jake & I cut up beef fore  
noon & cleaned wheat after  
I went to Patrons meeting to  
night

" 22 a cold bleak day, sunshine  
some of the time, wind blowing  
very cold from north. Jake and  
I cleaned grain forenoon,  
he put in two cows into cow  
stable after & put cows into  
manure stable afterwards  
cleaned grain alone. I went to  
Oak Lake with team & wagon  
afternoon Maggie came to W.  
R. with me, we got home  
at 6.30. I was to buy a bar-  
rel of coal oil but none at Oak  
Lake yet

(40)

1893 Thanksgiving day. Jake  
Nov-23 and I cleaned wheat all  
day. Very cold all day  
everything in kitchen frozen  
this morn. Keen cold wind  
from north. No wind tonight  
but keen frost

" 24 Jake & I cleaned wheat  
today & finished it, have  
about 500 bushels, we also  
cleaned a few oats & took  
them down to Mr. McCallum  
I owed him eight bags took  
them home tonight & got mail  
a nice clear day sun shining  
strong, tonight wind east &  
cloudy looks like snow  
" 25 Jake & I went to Bear  
Gardens this morn. & bagged  
up 75 bushels of wheat for



(41)

Courts

1893 Klock horses I intend taking  
Nov 15 out enough of it to replace  
the oats I fed them, we brought  
home 40 bush. with us &  
Jake went back afternoon  
for balance. I went to Oak  
Lake afternoon & boat, have  
a barrel of coal oil for  
Patrons. <sup>crossed on ice</sup> Cold east wind all  
day & began storming hard  
this evening

" 27 Wind west all day but not  
very cold I went to Oak Lake  
afternoon with seeds & barley  
to get ground got home 7.30  
lots of snow on road sleigh  
would run about as well  
as wagan. I brought home a  
young Belgian to do the chores  
this winter if I like him.

(42)

1893 About three inches of loose  
Nov 28 fresh snow when we got  
up this morn. Jake started for  
Tiltaway for load of hay  
early this morn. wagan will run  
heavy now there is so much  
snow about eight inches on  
level. Belgian boy is a good  
worker, we emptied rye &  
chop this morn. got two loads  
of manure on hen house after  
noon. Wind west all day  
Sun show bright but very  
clear & frosty, tonight fearful  
cold will be thirty below  
zero tomorrow Sun  
" 29 A fearful cold stormy day  
I intended going to Oak Lake  
afternoon but did not, on  
acc of cold. Jake got home



(43)

Contd

1893 at seven o'clock with small  
load of hay from Silteans  
roads heavy & he had a hard  
trip. Blew from west all day  
but not very hard but  
after night it began to blow  
hard & kept it up all night.  
Mr Whalley here for tea &  
took home barrel of coal  
oil for P. of S.

"30 Fearful cold when we got  
up everything frozen in house  
wind N.W. Snow all drifted  
into bluffs. We could not  
keep house nor kitchen  
warm all day. Wind gone  
down tonight but still a  
little blowing & fearful frosty  
very hard weather for last  
day of November. St Andrews

(44)

1893 A clear cold day  
Dec 1 blowing a little from  
west, but a nice day.  
Jate went to post office  
in morning & for a load  
of wood in afternoon to  
Mr Ryans. J. J. Smith  
here for awhile today also  
J. Milne

" 2 Jate & I went to Grinnell  
this morn. & to Oak Lake after  
noon, began snowing <sup>hard</sup> about  
eight o'clock this morn. & kept  
it up for a couple of hours  
then snowed easier nearly  
all day. Very cold all day.

" 4 A beautiful warm morning  
but at eleven o'clock it began to storm  
& kept it up all afternoon, a regular  
blizzard sometimes could not see  
a hundred yards. Still at it at bedtime



(45)

1893 A clear frosty day, wind  
Dec 5 from north & cold, Jake drew  
out manure all day. Belgian  
went with me to Oak Lake he  
has gone home south for his  
clothes coming back tomorrow.  
I got home from O.L. at dark  
Snowed hard for a while to-  
night but only a short while  
" 6 A nice day not very cold  
& no wind. Maggie, Errol & Mel-  
ville all sick with La Grippe  
today horse both very feverish.  
Dr. B. & Mrs. came at noon  
He helped us butcher four  
young pigs, I intend selling  
them at Oak Lake. Belgian  
went yesterday for his clothes  
home today, he is going to work  
at Mr. Callums balance of winter,  
wind east like snow tonight

(46)

1893 Wind east this morn. Snowed  
Dec 7 very hard & stormy for  
a couple of hours then nearly  
stopped kept up a little all  
day but not bad, wind east  
yet tonight but sky clear & stars  
shining. I took young Belgian  
down to Mr. Callums this  
morn. he is to work there balance  
of winter. I took over two pigs  
in cutter to A. Hood afternoon  
Gave Jake \$35 cash tonight  
" 8 A cold cloudy day, Jake  
took two down up to J. In Thomas  
& left them there.  
" 9 Jake so sick with La  
Grippe this morn. he could  
not go out, I was had myself  
but fed horses & let them out, had  
to send for W. B. to do chores  
all day very sick all day



(47)

1893 Wind blew hard from east  
Dec 11 all last night & today until  
noon a regular blizzard piled  
snow up in good shafts it turned  
round to north then & is  
still blowing from there at bed  
time fearful cold. we suffered  
more last night with cold than  
any night I ever remember of  
here. Jake all right today & began  
working again this morning.

" 12 A fearful cold morning wind  
not blowing hard but from north  
I went to Cox Lake afternoon in  
after took out two dead pigs, heard  
there it was 38 below zero this morn.  
No wind at all tonight but keen freeze

" 13 My birth day I am thirty  
four today getting pretty old.  
Wind blew a blizzard from

(48)

Contd

1893 east all day & very  
Dec 13 Cold. Jake did chores  
I stayed in house all day  
" 14 Mr Hill of Gismold came  
this morning before we were up  
and told us R. Lasher was dead  
soon as I got breakfast went to  
Gismold & Mr Hill came down  
to Mr Sutherlands with me  
Poor Robbie, Dr Stewart the factu-  
odist minister & Mr Hill dressed  
him, he looks very natural, poor  
young fellow so young & full of am-  
bition & hope, I am starting down  
east tomorrow with his body  
a very poor home coming to his  
poor mother. Wind east &  
very cold all day. The A.O.W.  
lodge bringing in Robbies body tonight  
to Gismold.



(49)

1894 I got home from east last Feb 5 Saturday the 3<sup>rd</sup> had a great time there and saw all the brothers & sisters for the first time in twenty eight years I did well while away and gained some in weight, found everything all right when I came back. Today I went to Brandon and began straightening up Robb's Lasher's affairs, it will take some time to fix them up Siftin & Philp made out papers today & they went east for Olga to sign. I walked in from Station.

" 6 Jake went to Tiltans today for Lay. Maggie, baby & I went to W. C.'s at Oak Lake stayed there until evening. A beautiful warm day, looks like snow tonight

(50)

1894 Wind South all day until Feb 7 evening when it got east looks a lot like snow tonight Jake got home from Tiltans tonight had a good big load of Lay. Schooled around all day. Wm Shaw & Mrs here for dinner & tea.

" 8 Wind east until noon when it turned west. Jake drew three loads of water today and put in lower well. J & Mrs Traument here for tea. W. C. here for dinner. A clear cold night

" 9 Snowed and blew hard from N.E. all day. Jake did chores and I sat in house. a regular blizzard all day still at it ten tonight



(51)

1894 Stormed hard all day I Sat  
Feb 10 in house Jake did chores and  
went to Mrs Kamoto for mail  
still storming tonight

" 12 A cloudy cold day sun warm  
middle of day but only for a  
short time, kept hazy all day  
Maggie, Mary, children & I all went  
to Hillview this morn. & stayed  
all day we left Mary there to  
visit and we got home at 8.30  
still hazy, circle round moon, wind  
S.E. all day

" 13 A clear keen day wind N.W.  
very cold & sharp although Sun  
shone brightly brightly. Jake went  
to Tiltens for load of hay.  
I went to school afternoon  
attended a Patrons meeting  
there, not many at it

(52)

1894 Wind west and S.W. all  
Feb 14 day clear & cold but pleasant  
I went to Oak Lake afternoon  
then to Mr Callum for mail,  
W. R. came with me to Oak  
Lake. Jake got home from Tiltens  
with hay at five that  
is the last load from there  
Thank goodness

" 15 I went to Giswold this  
morn. wind strong from east and  
a haze in air, very cold, got  
back at noon. Blew & stormed  
all afternoon. I Sat in house  
Jake chored all day

" 16 Jake chored forenoon  
and both of us cleaned up  
oats afternoon, quite mild  
and warm until evening, when  
it began snowing & blowing from  
north



(53)

1894 A cold stormy day, I went  
Feb 17 to Oak Lake afternoon to attend  
meeting of Agricultural Society &  
bring home some chop, got home  
at dusk, blowing hard tonight  
and snow drifting about as  
cold as I ever felt wind keen  
and fearful cold. Mr. James  
& little boy here for dinner today  
" 19 A fearful cold stormy day  
I sat in house all day and  
Jake did chores, we never had  
so much trouble to keep house  
warm if fire got low at all the  
house got cold, it drifted  
so that sometimes we could not  
see a hundred yards. Still blowing  
some tonight but not so hard  
as all day.

(54)

1894 A cold day did not drift  
Feb 20 any until noon but kept  
it up all afternoon. Jake went to  
Oak Lake morning and brot. haul  
fruit and sleigh load. he drew  
straw in afternoon, I went to Inas  
Kanata and from there to Givins  
in afternoon very cold, foggy and  
windy  
" 21 Sun shine strong all  
day, but wind blew very hard  
and drifted snow a lot  
however it was not cold,  
Jake drew a load of straw  
afternoon and a tank of  
water. Mary Smith got home  
tonight and brought Ester  
Granger along with her  
for a visit. W.C. here for  
awhile today



(55)

1894 Very windy all day and  
Feb 22 Colder than yesterday, but  
got nice and calm before  
night. Jake drew four tanks  
water from river today and  
put in lower well. W. C.  
here for dinner

"23 A nice clear morning but  
got cold and raw about noon.  
Kept that way all afternoon wind  
east tonight. Mary Smith, Ester  
Grainger & I went to Naskawato  
for mail. This afternoon, Maggie  
& I went to Oak Lake, very cold  
tonight & wind strong east

"24 A beautiful warm morn. but  
wind rained a little & got colder to  
wards eve. Jake & I got all wood  
into calson, drew a load of stam  
afternoon. Mary S. Ester & I went to  
Oak Lake this evening

(56)

1894 A beautiful warm day  
Feb 26 wind South and snow mel-  
ted a good deal the snow lay-  
getting bare. W. C. & Jake went  
North this morning for oats.  
Maggie & I went to Lismold this  
morn. Mary & Ester Grainger  
went to W. R.'s for tea. Sam  
Jordan here for dinner he bought  
Klocks hay team for \$300, he  
& I took Sam up to his house  
& left her there. Not freezing any  
tonight

"27 W. C. & Jake got home at four  
o'clock with splendid white oats. Jake  
had to leave some of his load at  
J. Goodwin's, paid 25¢ for oats.  
I took Sam Jordan to C. L. this morn.  
Look Maggie & Errol Franets after  
They went on to Patons meeting. A  
nice day snow melted a little <sup>but</sup> <sub>much</sub>



(57)

1894 Very windy all last night and  
 Feb 28 home shoot, and pretty windy  
 today but warm, snow went  
 a lot today and roads are done  
 all cut off. Maggie, Ester and I  
 went to Lums today with Nellie  
 in W. R.'s cutter, Jake went to  
 eleven for load of poles. Warm  
 tonight. W. Grainger & H. McKaye  
 here for tea.

Mar 1 A beautiful warm day, snow  
 went a good deal. I went to Oak  
 Lake early this morn took out  
 harrow, and plow & to get  
 fixed for seeding, hat. have  
 table & book case fixed at  
 Jack's. S. Jordan come back  
 with me he was on his way to Whalley  
 for good. W.C. & Lizzie & children here  
 all day. Wind east tonight, the  
 roads completely done but we may  
 have more snow yet

(58)

1894 A very warm day and very  
 Mar 2 little snow on plowed land  
 tonight the road clean done.  
 Jake & I cleaned oats until  
 noon when H. McKaye, Mrs.,  
 & Lillie Grainger came down  
 they took Ester home with them  
 and left Lillie here. Jake cleaned  
 alone afternoon. He finished  
 all the feed oats tonight. No sign  
 of a freeze up and more  
 snow yet

" 3 A clear cold day wind north  
 this morn. but pt round east  
 about noon, still east tonight  
 and snowing some, did  
 not thaw any today.  
 I went to Oak Lake early  
 Jake went up after oats left  
 the other day.



(59)

1894 Snowed eight inches bet-  
Mars were last night and today,  
very light fluffy snow if wind  
would blow the least bit  
it would drift. Snowed  
nearly all day today, but sun  
went down nice tonight clear  
and cold tonight looks as if  
we would have nice wea-  
ther. Jake went to Oak Lake  
fore noon for mail. Afternoon  
we cleaned oats & killed <sup>the</sup> pig  
all of seed oats cleaned now  
" 6 A beautiful clear cold day  
Jake drew load of wood from  
J.R. Todd's lunch to Oak Lake  
for Mrs. Barnes. I cleaned  
barley for seed afternoon  
Maggie, Errol & I went to  
Mrs. Kawata for mail

(60)

1894 Wind S.W. all day & cold  
Mary very fastid this morn.  
Been cold all day. I went  
to Mr. Cameron's hay farm  
for hay but have a good  
load but a stack from  
him. Jake chored  
" 8 A clear fine day, wind  
south west and not very cold  
Jake went south for hay today but  
have a big load. I went to see cow  
at Mr. Stewart's afternoon, then  
went to Oak Lake after mail  
came up tonight, got cheque up  
from Selma for \$2000 and will  
go to Brandon tomorrow to get  
cashed  
" 9 A very warm windy day snow  
went away a lot. Jake but have  
of hay. I went to Mrs. Kawata in  
& Oak Lake afternoon



(61)

1894 A clear day not very cold  
Mar 10 but snow melted very little  
had it gone as much as yester-  
today there would have been  
none left. Jake went for hay  
again today there is still two  
loads to bring. I went to Oak Lake  
in morn. to attend Directors meeting  
for Agricultural Society got home  
two o'clock, went again to Oak  
Lake this evening after mail  
came in & got express parcels  
from Imperial Bank Conty.  
#1496<sup>25</sup> it belongs to sister

Relija

"12 I went to Griswold  
this morning paid up all ap-  
there, then went to Oak Lake  
afternoon & did same there  
Cool all day thawed none

(62)

1894 A very soft warm day. Jan  
Mar 13 went for hay & brot home  
the last load, that makes 5  
good loads we got from Mr  
Cameron. I went to Mackinac  
afternoon then on to Ryerson  
attend a Patrons meeting, only  
Dix there so we did not call to  
order W Granger & Mrs. A  
Dobson & Mrs here for tea.  
Snow went a good lot today

" 14 A very warm day snow  
melted a lot roads very bare  
a week of this and we will  
be able to seed. Jake drew two  
trucks of water and load of  
straw forenoon, went to the King  
for saw after. I went to Oak  
Lake after plow & harrow  
this evening hired G Clapp  
today rope for fine weather



(63)

1894 Very windy when we got  
Mar 15 up this morn. but not  
Cold snow went a lot today  
again. Let the Blaney come here  
today and I hired him for  
Summer at \$18 per month &  
\$23 per month after threshing  
starts if I want him to thresh.  
Jake chopped wood. G. J. Smith  
& Mrs. here for tea  
" 16 Blowing hard and drifting  
when we got up but soon stop-  
ped wind soft blew some all  
day but drifting stopped early.  
I hired got W. C.'s rack this  
morn. I went to Mrs. Kawata for  
mail Maggie, Baby & I went to  
Oak Lake had tea at Rowans  
boys stayed at W. R.'s. snow went  
a lot today

(64)

1894 Rained some through the  
morning night last night glare and  
slippy all over today. Jake did  
chores and chopped wood, I  
read all day. Snow thawed a  
little wind got round from east  
to north going to freeze some  
tonight. Settled with Jake tonight  
his head nearly a year now  
" 19 A soft slippy day - began  
snowing afternoon it fell nearly  
like rain and melted about a  
fack as it fell, still at it to  
night. went east. G. Clapp  
began to work this morn. Jake  
leaves tomorrow  
" 20 Jake left this morn. I took him  
to Oak Lake, but back for Robinson  
to W. Camp. I went on to P.O. had  
dinner at Mr. h. Co. then took slip  
home to J. Miller. George drew insurance at  
day. A Harvey & Mrs. here for tea



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1894 A cold raw day wind north  
Mary George went for load of poles  
I done the chores then went up to  
Lomas for Mary as Maggie's  
sick with rheumatism. I went  
to Grinnold tonight to attend  
A.O. N. W. Very cold and frosty  
tonight, Snow thawed some  
today.

" 27 Clear & Sunshiny all day,  
but cold wind from north  
did not thaw much. George  
went for load of Poles got  
home early. I chored fore noon  
then went to help J. Milne  
at his house afternoon we  
got it nearly done.

" <sup>23</sup> A nice clear forenoon but  
at one o'clock it began to storm  
and kept it up all afternoon

1894 it was fearful, sometimes  
we could hardly see stars  
tonight it is blowing a little  
yet, but lots of stars shining  
and is clearing up. George  
brought home a good load  
of poles today. I went for  
Rmail forenoon to Mackay

Mar 24 A very cold day, wind north  
blew hard enough to drift the snow  
most of the day fearful cold  
tonight. George went for load  
of posts today got a load of  
red willow. I went to Oak Lake  
in evening. Mrs. Milne arrived  
right on train

" 26 A clear cold day Sun shone a  
day but snow did not thaw and  
L. Blahy began this morn. he drew water  
forenoon, strew afternoon & went for  
Poles this evening. George had poles today



(67)

1894 Sent both teams for wood  
Mar 27 today they got back late  
eight o'clock. Snowed a little this  
morn. I went to Mackinaw for  
mail and to Oak Lake afternoon  
did not thaw much today  
" 28 Boys went for wood again to  
day just got back at 9 P.M.  
bright two good loads of poplar  
Maggie and I went to Mr Little  
afternoon. Wind from west all  
day very cold and windy tonight  
" 29 Sister Alma's birth day  
I think she is 39. Very windy  
from west where we got  
up and blew hard until  
noon then turned warm.  
Snow went a good deal  
afternoon wind South now  
Maggie & I went to Oak Lake  
boys cut wood

(68)

1894 Windy & Cool this morn. but  
Mar 30 got warm through the day  
and snow melted a good deal  
Boys went for wood and I went  
to Oak Lake in morn. & got a  
shoe on grey Jack, road side  
where there is plowed land.  
Maggie & I went to Miles afternoon  
they were just going away, so we  
went in to Mackinaw, Maggie  
and Enol went to Mrs. Fremont  
after. Don't expect to draw any  
more wood now. Gave the  
clock pay to W.C. today  
" 31 Blew hard this morn. & very cold  
until noon wind west. Maggie & I  
went to Gerswald, Lake sawed  
wood & George drew out now  
we. Maggie & Enol at W.C.  
staying there tonight. Mice &  
wild now



(69)

1894 A beautiful warm day  
Apr 5 Snow went a lot today  
more than all season a few  
days like that and we could  
seed. Lullie took cow to M.C.  
Lullie forenoon and cut wood  
balance of time. George went to  
M. Gross for tank forenoon, and  
took bank key away from  
home after. Maggie & I went  
to Joe Caspenter forenoon while  
afternoon then to J. Milner  
where we had tea.

" 4 A cold morn. but got  
warm through day and snow  
went a good deal, we had  
a heavy fall of snow this  
evening for a little while  
but not to cut to anything.  
Bugs finished washing & rearing  
Hens forenoon Sawn wood after

(70)

1894 A nice warm day, snow  
Apr 5 melted a lot. Bugs finished  
Sawing wood and then started  
to split it again. Mr. W. R.  
and children here all afternoon  
and for tea. J. Milner & his  
here for tea also. W. Williams  
cleaned his wheat the second  
time afternoon. I went to  
Lake in evng. with Wagon, Red  
& Gump came also  
" 6 Cold east wind all day  
Sun warm and snow went  
a lot water running all  
Bugs finished splitting wood  
then cleaned out terrapin  
bringing the most of them into  
house as water was running  
into pit. I went see hills  
Potatoes meeting.



(71)

1894 A cloudy day wind east  
Apr 7 snow nearly all gone now  
Boys sharpened plows, cleaned  
up generally & blue stoned wheat.  
Maggie & I went to Oak Lake  
afternoon road had got back  
eight began raining at 7.30  
still as it & blowing hard from  
east

" 9 A beautiful warm day  
blue stoned wheat forenoon,  
George began sowing broadcast  
or backsetting afternoon made  
eleven acres. Luke began to  
harrow at two o'clock with  
three horses south of house  
it is pretty damp but  
will dry better after  
being harrowed

(72)

1894 Wind east all day & cold  
Apr 10 Frost hard. This morn. I went  
to Mas Kawata for mail. George  
began to sow broadcast at nine  
and finished all the backsetting  
tonight. Luke began harrowing  
with three horses at noon on  
stubble. I began with Grand  
& white mare at noon on  
backsetting, it goes well only a  
little damp three strokes of  
harrow makes it nice and  
level. We have 27 acres of  
backsetting sown

" 11 Frozen this morn. we started  
harrowing at eleven. George began  
to drill with three horses it  
would not work too wet I took  
shov. off drill to Oak Lake & got  
them fixed. boys both harrowed



(73)

1894 Luke harrowed backsetting  
Apr 12 all day with three horses  
and George killed. W. Co team  
all harrowed all day on  
backsetting I did nothing and  
am very sick with a cold.

Very cold all day wind from north  
and going to freeze hard tonight.  
Mary Smith went to Dr. Rio for  
a few days

" 13 Frozen hard this morn.

I went to Mack Kawata for mail  
Oays fixed drill, then bluestone  
wheat until noon, afternoon  
Luke harrowed with three horses  
and finished backsetting.

he also plowed head land was  
Merrick's land. George killed.

47 acres in tonight. Maggie Latta  
& father had for dinner & tea  
cold & windy tonight

(74)

1894 A cold windy morn. boys went  
Apr 14 to eight and plowed until  
noon, then George came home  
and drilled afternoon, Luke  
plowed all day, it goes well,  
I went to Oak Lake afternoon  
began raining at dark still  
at it eleven o'clock, had  
six young pigs tonight one dead  
three others sickly and in house  
tonight

" 16 A cold east wind blowing all  
day. George drilled south of house  
Luke & I plowed on eight all  
day. Mrs. Franzen had young  
daughters.

" 17 I did nothing today sick with  
cold. Very cold & wind east all day  
rained a little. Luke harrowed  
after drill south of house until  
over



(75)

1894 fine October when he went to  
eight & began harrowing there.

George finished Milling South  
of house at noon & nearly  
finished fallow after. Mag-  
gie & Errol went to Oak Lake  
afternoon. Rained a little  
today.

Apr 18 George finished sowing  
wheat on fine at 9.30 That  
makes us a hundred acres  
in a fine row. He & Luke  
harrowed on eight after. I  
plowed on eight all day.

Began raining at noon & we  
came home, but it cleared  
up & we went back at  
three. Cold & cloudy all day  
wind east

(76)

1894 A fearful cold storm  
Apr 19 wind from north all day

Snowed a little in morn. Then  
a hurricane all day. I set a  
horse sick with headache  
and cold, a hoil coming on my  
nose. Bays plowed on eight  
all day. Maggie got home  
from Trachent's their babe

Sick she went over yesterday

" 20 Very cold this morn. & ground  
frozen. Luke & Bays plowed under  
eight <sup>ten</sup> o'clock then Luke harrowed

with three horses & George  
drilled on eight. from ten o'clock

day was perfect sun hot

and no wind the only nice  
day we have had in two

weeks. I sowed Sage Canots  
& poisoned for sheep



(77)

1893 a beautiful clear day  
Apr 21 sun shiny only a little  
cool wind S.E. all day, I  
planned all day on sight, George  
skilled & Luke harrowed, fished  
this morn. so we all planned  
a while. Maggie went to Oak  
Lake with Katie

" 23 Blew pretty hard from  
east all day & sun shone  
ground is now dry enough to  
drift a little. George skilled  
all day & Luke harrowed  
I planned. Maggie bust up  
miners to two on sight. I  
went to Mr. Groves in morn. &  
bought a sow from him.

" 24 I planned on 8 until noon  
hogs harrowed & skilled me  
all came home then as it

(78)

1894 began to rain. I went to  
Oak Lake after noon hogs  
bluestone & wheat until four  
o'clock when rain stopped  
& Luke went to 8 to plow  
while George drew out  
manure a cool damp  
night good for growing.

Apr 25 George & Luke skilled &  
harrowed on sight. I planned  
there a fearful hot day  
had as July or August  
a slight breeze from NE  
" 26 A nice wind day but a  
cool breeze from east  
I planned on eight hogs.  
harrowed & skilled

" 27 Blew a hurricane until  
noon nearly impossible to work  
out. Came home from eight at  
over



(79)

1894 Now it began raining soon after & kept it up most of afternoon. Boys went to W. R.'s for hay then Luke went to J. M. Iron for sown.

Apr 28 Very foggy this morn. & did not clear up until noon.

Luke began plowing on eight in morn. George fixed fence around pasture, then harrowed Maggie & I went to Oak Lake in morn. I plowed afternoon.

" 30 Wind N.W. all day and cool clear & sunshiny. Luke & I finished plowing on 8 for wheat & began here for oats & barley. George drilled & harrowed on eight all day.

(80)

1894 Luke & I plowed for oats, May 1 & barley for W.C. on eight until noon when he went to harrow wheat across, along with George who finished drilling in wheat at noon. That finishes us with wheat unless we have not enough barley to sow. The ground left for it. Cool & windless all day.

" 2 Rained & snowed all day so we did not hitch up, snow melted fast as it fell.

Boys fixed up granary, piled wood, wind still N.E. tonight.

" 3 White frost this morn. George finished harrowing wheat across. Then went to north end of eight and began



(81)

1894 harrowing these for W. Co.  
barley roots he got in 8 1/2 acres  
we plowed these all day will  
finish in a few hours now.

Wind from all directions today  
Sun & haze some, rained a little  
a beautiful warm night

May 4 a sunshiny day but very  
windy from west we finished  
plowing on 8 for W. Co. barley  
roots at 10.30 came home & began  
plowing west of house for pas-  
ture. Maggie & I went to Oak  
Lake afternoon got home  
9 o'clock

" 5 Raining hard when we got  
up this morn. George started south  
with heifers at ten o'clock, Lake  
& I began plowing then kept at  
it until three when it began  
raining & kept it up until five  
when we plowed again

(82)

1894 a fearful windy day from  
May 7 N.E. blew a hurricane all day  
and ground drifted some.

George finished harrowing W. Co.  
oats & barley then harrowed  
& drilled west of house for  
pasture. Lake, Henry & I plowed  
on S.W. corner of five for  
barley

" 8 George finished piece west  
of house at noon & came to  
barley ground to harrow after  
We plowed there all day. A  
beautiful warm forenoon but  
got cold & sprinkled a little  
after

" 9 I went to Mashamata forenoon  
and Oak Lake after. Boys cleaned  
two bins of granary & put pigs in  
there. Rained rain nearly all day



(83)

1894 Finished plowing barley  
May 10 ground at ten & began east  
of house for rye. George  
harrowing barley ground.

Cold & windy all day not  
much sun shine

" 11 George finished harrowing  
barley ground and began to  
drill it in. Henry plowed with  
us until noon then went to  
Oak Lake, we all plowed east  
of house. Wind west all  
day a nice cool day

" 12 Wind east all day warm  
forenoon & cool after. George  
finished sowing barley at noon  
& drilled in wheat after. We all  
plowed rye ground until noon, Luke  
harrowed after, May & I went to  
Oak Lake. Henry finished rye ground  
alone

(84)

1894 Blew hard from east all  
May 14 day, George went to J. Riches  
& got four bags of barley fin-  
ished sowing it at noon, then  
harrowed rye ground after,  
he went to Franants helped  
him bring over sow tonight.  
Henry & Luke backsett near  
J. Carpenter each of them  
with three horses.

" 15 George harrowed rye ground  
forenoon then went to Mr. Ladd  
after for load of hay. Henry  
and Luke finished backsetting  
shortly afternoon, then Luke  
began to harrow it Henry & I  
began to plow stubble for  
oats, his plow would not  
work ground was too loose  
he went to W.R. Smiths for



(85.)

1894 Blew hard all day from  
May 16 N. E. rained a little in  
morn. we did not hitch to plow  
until eight o'clock. I went for  
mail in morn. Luke finished  
harrowing back setting at three  
o'clock & plowed after. George  
finished sowing rye tonight

" 17 Blew a hurricane from  
N. W. until four this evening  
ground drifted nearly impossible  
to work. George sowed oats  
until snow broke till I had  
to go to Oak Lake after & get it  
fixed, he harrowed oat  
ground afternoon Luke, Henry  
& I plowed forenoon they alone  
after

" 18 A nice calm warm day  
George harrowed & drilled oats

(86)

1894 all day we three plowed  
May 19 George harrowed & drilled all  
day at oats, Luke & I plowed  
for them. Henry with W. C's team  
went to Oak Lake. A nice breeze  
from south all day. Katie had  
a colt last night. I sent home  
W. R's hog today

" 21 George drilled and harrowed  
oat ground all day. Luke,  
Henry & I plowed a nice warm  
day miss potatoes very bad  
" 22 Finished plowing for oats at  
noon & seeding at three, Henry went  
with W. C's team to work on 8  
Luke & George began to harrow  
oats across

" 23 Boys finished harrowing oats  
early then drew out manure on to  
potato ground. I went to hear Mr  
Brainthwaite speak tonight



(87)

1894 A very hot day no wind  
May 24 until near evening when it  
got cloudy thundered a little &  
blew some from N.W. Got in  
all the potatoes today then  
Lute harrowed in field for  
pasture west of house. D.  
Roman & family here all day.  
Le & I went to Blalys & Stewarts  
looking for a girl but got  
none. Cloudy looking tonight  
& it might rain hope it  
does.

" 25 Boys plowed in pasture west  
of house all day. I piled  
wood forenoon got it all done  
& yard raked up, then went to  
Spismold afternoon. Mary went  
to Willbren. Cold east wind  
all day

(88)

1894 A Cool day all through  
May 26 I picked potatoes over in  
forenoon & went to Oak Lake  
after. Boys plowed, harrowed  
& drilled for pasture all  
day. Rained a little before  
we were up this morn but  
not much. Mary & Mrs  
W. R. gone north today  
" 28 Finished plowing west of house  
for trees & George harrowed it, Lute  
began plowing down some wheat  
it is weeds and we intend sowing  
barley there. George got ton of  
hair <sup>pruned</sup> at H. Taylors this morn  
at \$6<sup>00</sup>. A very warm day  
wind S.W.



(89)

1894 I went to Brandon on 29<sup>th</sup> May 30<sup>th</sup> drove down to get R Lashier's affair fixed up and also to attend Patrons Convention yesterday. Maggie came down on train on night of 29<sup>th</sup> with children and we all had our pictures taken, she came up on train yesterday and I drove home last night. Mr Whalley came up with me. Weather is very warm and dry we want rain badly. Boys have been plowing up a piece of wheat to put barley in since I left.

" 31. Lute harrowed ground for barley & George drilled it in the afternoon, Lute plowed turnip piece east of house afternoon. I attended institute meeting at Hall's afternoon.

(90)

1894 We planted trees west of house June 1 all day. Windy from west but very warm. Looked like rain at noon but all blew away again.

" 2<sup>nd</sup> Father is 21 years dead today and brother Tom 37 year old. Blow hard from NW until three o'clock when it stopped, very sunny all day. Maggie, Luke & I went to picnic at Hall's store, a big crowd there. George plowed Summers' fallow today.

" 4<sup>th</sup> Very cool all day sun shining. Wind east rained a deep drop. Last night all sign of rain gone again. Things very dry. I got report from Government today re crops.



(91)

1894 had my dinner at Hill  
view, the Grangers all leaving  
for west tomorrow. Maggie  
went to W. C.'s yesterday Lizzie  
Sick. Luke plowed in Sum-  
mer fallow all day. George  
planted Maple seeds & hoed  
Carrots. Took man to <sup>night</sup> Hanison to  
June 5 A very hard frost last night  
grain in low places cut down. I  
was at Oak Lake today they say  
that South is all frozen, it would  
not do us much harm if only rain  
came at once but no sign of that.  
George plowed Summer fallow all  
day, Luke until noon. I went to  
Oak Lake afternoon & to Patrons  
meeting at night to Repens.  
Mr. W. C. had spencer saw on 3<sup>rd</sup>  
People blue about frost & death

(92)

1894 Boys plowed & harrowed  
June 6 Summer fallow all day.  
Mary, children & I went to picnic  
in Cooks bush afternoon, very  
warm & dry, don't know what  
people are going to do with  
drouth & frost. Supposed  
appearance we will have  
no crop at all.  
" 7 Boys plowed & harrowed  
Summer fallow all day. I went  
to Oak Lake afternoon to  
Brook. Very hot & wind  
from south. Looks like rain  
tonight  
" 8 Blew a hurricane all day from  
South. Boys plowed Summer fallow  
I tried to set tires with boiling  
but they are too loose I will try  
to get them set at blacksmith  
first, very hot & dry



(93)

1894 Threatened rain all day June 9 and a slight shower fell at noon but not enough to do any good, looked as if it was very heavy west and north, blew hard, tonight cloudy & cool with Northern lights. Lake harrowed until noon when I went to Oak Lake with two teams. George plowed all day.

" 11 Blew hard from S.E. all day clouds that looked as if they had rain came up and went around. Our back setting wheat melting nearly half of it gone, a fearful time and ruin to the country seems imminent. Boys plowed & harrowed Summer-fallow all day.

(94)

1894 A very hot day, hardly any June 12 wind forenoon and sun very strong, afternoon blew from S.E. tonight a big storm came up thundered & lightning steadily for two hours in north but we only got enough rain to lay dust. Boys plowed & harrowed summer-fallow all day. I burnt off brush east of house.

" 13 A very warm day cloudy at times. Rained about twenty minutes in morning but hot sun soon dried it up. Boys plowed & harrowed summer-fallow all day. I went to Oak Lake afternoon & brought Maggie home from W.C. Rained a few drops this evening, looks cloudy & lightning all around.



(95)

1894 A cool pleasant day  
June 14 Wind west all day and  
looks as if weather was cleared  
up for good again, Thundered  
and lightning all last night  
we had a few drops of rain.  
I took load of wheat to mill  
& had it chopped. Bays  
washed on road. Heard it  
poured rain twelve miles  
north of here the other night  
we only got a few drops.  
Crops done

" 15 A very cool day wind  
N. W. all day. Looks as though  
weather had cleared up for  
ever. George went for load  
of hay to Taylor's in morn.  
Plowed after. Lake plowed & har-  
rowed all day. I went to Institute  
meeting and Lake afternoon

(96)

1894 Cool all day wind N. E. Sun  
June 16 Show but Cool. Bays worked  
at Summer fallow all day.  
I hoed corn & finished it  
" 18 We had a shower of rain last  
night, it must have rained hard  
all around and at last came  
here, wetting ground an inch &  
a half, it will do a little good  
but not much. George finished  
plowing & harrowing Summer fall-  
low today then went to R. White  
for his broadcast sower to  
cultivate field with it. Lake  
sharped fence picket forenoon  
we put them out & got a lot  
in west of house after. Mr.  
Stoddard Episcopal Min-  
ister here for tea this evening  
Mary at picnic at Braden  
Hills today



(97)

1894 a fearful hot day about June 19 the worst this year, if it was an ordinary time we would have lots of rain & thunder after this heat but can't tell this year. Luke & I worked at fencing in wheat today. George harrowed Summer fallow with spring tooth Larrow. I went to Patons meeting tonight.

" 20 Luke & I finished <sup>perpetually</sup> fence forenoon then made a fence in slough for pigs. Looked like rain all day and we had a few showers but at seven it began to rain hard and kept it up until nine we had a good fall the first good one this year. George harrowed Summer fallow

(98)

1894 I took home R. Whites soder June 21 this morn. Luke picked over potatoes, then we ruffed up Cultivator & he put it through Ma ples & potatoes. George finished harrowing Summer fallow at noon, then horse raked some afternoon. I took Jack Dan & Nellie down to Bailey's pasture on Oak Lake. Maggie came to Oak Lake with me & stayed there we had tea at Rowans

" 22 Luke started to cut brush this morn. at bluff west of house. George was raking Summer fallow. I worked in garden forenoon then went to Gairnold to hear Mrs Braithwaite. I speak afterwards going to Oak Lake to meet Mr Smith, it poured rain and we did not get home until one o'clock



(99)

1894 It rained nearly all June 23 last night the heaviest fall of rain we have had in three years, it also rained a good heavy shower today. W.R. & Mrs Lee for dinner. Luke cut brush all day. George drew grass roots of summer fallow until noon, then cut brush after. Woods cleared up tonight. A lot of my early sown wheat out in head that is the earliest I ever had it.

" 25 a nice warm day. George began to break this morn. Luke cut brush, I thinned & weeded carrots all day only a while. I put out gopher poison they are very numerous and will eat half of my wheat

(100)

1894 A nice warm day very hot. Lumber at times and looked like thunder, some showers went around. I thinned Carrots all day. Luke cut brush & George broke. Maggie & her father went to Graceland afternoon then to Milnes for tea.

" 27 Maggie & I went to Oak Lake today to see travelling dairy stayed there all day. Had a small shower on way out and a big one in Oak Lake, but they had very little here. A big shower went west tonight. Brought home brand new pasture last night.



(161)

1894 A very windy day & cool  
June 28 sun shone all day.

George broke all day he  
is making a splendid  
job of the scrub the best  
I ever had done. Luke  
cut scrub atked & hoed  
in garden & among the  
maple trees. Wind west

" 29 Mary & her father gone up  
to see Mrs Andy Dobson  
today. I raked Sunmerfall  
aw until noon. George har-  
rowed it all day. I hoed  
maples in garden afternoon,  
Luke cut brush. A cool  
nice day got little rain in  
west afternoon & we had  
a sprinkle here not en-  
ough to go to roots of grain  
but will do some good

(102)

1894 Poured rain last night after  
June 30 I wrote in book and was

at it again when we woke this  
morning, it also rained at 10,30  
so boys came in & did not go  
out again until after dinner  
it also poured again for a  
short while at seven this  
evening. George broke all day  
& Luke cut brush. Mr Smith  
& I went to R. L. Lays for a  
Berks hind hog afternoon &  
got home at eleven

July 1 George away to Oak Lake  
celebrating Dominion Day. Luke  
cut brush. I harrowed Sun-  
merfallow until noon, then  
plowed in pasture after.  
A nice cool day only  
fearful windy from west



(103)

1894 A very cool morning near July 3 by cold enough for frost. George plowed summer fallow in pasture with two horses until noon, then with three after. Luke finished cutting out bluff east of house at noon, he ran cultivator through potatoes after, then he jaw to cut in another place. I went to Oak Lake in morning with wagon brought home bran & shorts  
" 4 George plowed in pasture all day, & Luke cut bunch. I hoed among maples. Maggie, Mary & children went to potato picnic across hills. Wind west all day had a good heavy shower of rain for a few minutes at six

(104)

1894 George plowed all day in pasture July 5 with two horses & Luke cut bunch. I went to Bailey's pasture south of Oak Lake after horses very warm all day. Mr Smith & his brother Dave here last night & tonight  
" 6 Mr Smith & his brother left here this morn. he is taking him to Brandon tomorrow where he will take the train for hang on Monday. Luke cut bunch & George plowed in pasture all day. I hoed potatoes & ma. flr. very hot hardly any wind. Mr & Mrs Frauent here awhile this evening.



(105)

1894 a very hot day & very  
July 7 little breeze. I thought it  
would rained but it is  
cleared up now and no sign  
of rain tonight. I went to Oak  
Lake for wood & bought a haul  
a spray to the harrow, hoed  
potatoes, all after noon. George  
finished plowing in pasture  
& gave it all one stroke of  
harrow. Luke cut brush  
until noon then went home  
after, taking his 1<sup>st</sup> July noon  
his quotes very bad tonight  
" 9 Luke & I hoed turnips until  
noon then I went to Oak Lake in  
cart. George harrowed in pasture  
then began breaking bluff west of  
house. We had a few good showers  
of rain today. Mr Smith got  
back from Brandon

(106)

1894 Fearful warm all forenoon  
July 10 & until four o'clock when  
it got cooler rained a few  
drops lots of thunder South  
& west, also big lightning last  
night but no rain here to wet  
anything. We tried to cut rye  
this morn. but too wet so I  
went to Oak Lake & got some  
things fixed we began cutting  
at noon & cut until eight  
got a big lot down. George  
hoed forenoon & Luke hoed  
turnips  
" 11 It was showery all day rained  
about a dozen times but only  
a little. Finished cutting rye at  
noon. Luke helped Mr C. at stable of  
ter. George went for Mr Callhams jay plow  
& tried summer fallow with it but  
it draws too heavy.



(107)

1894 A very cold morn. Lusk  
July 12 finished stacking rye then  
cut figured around pasture  
until noon, when he began  
to plow Summer fallow the  
second time. George plowed  
Garden & finished at noon  
then went to Summer fallow  
also. I went to Brandon  
this morn. to Exhibition Mr  
Smith took me to Oak Lake  
then met me again tonight.  
Nice warm this afternoon

" 13 A nice warm day  
I hoed turnips all day  
& boys both plowed Sum-  
mer fallow. I went to Boss  
Hill. Paton Lodge tonight  
got back twelve o'clock.  
W. McComb here for dinner

(108)

1894 A fearful hot day the  
July 14 warmest of the season.  
Boys plowed summer fallow  
I hoed turnips in garden. Maggie  
went to Oak Lake forenoon,  
she & her father went to  
Mr Little's after.

" 16 Yesterday Sunday was about  
as warm a day as I ever ex-  
perienced and today is very  
little better only there is a slight  
breeze, thermometer makes  
from 95 to 100 all the time.

Boys plowing Summer fallow  
I finished hoeing turnips  
& began at corn

" 17 A very hot day again. I hoed  
corn & Potatoes forenoon then went  
with Mr Smith & W.R. to see about  
wood, we bought some from Mr S.  
Boys at fallow Reuben helping today



(109)

1894 A cloudy day but  
July 18 warm I finished hoe-  
ing potatoes forenoon then  
went to Oak Lake after to  
get tongue for Separator re-  
pairs. Boop at fallow all  
day. Mr Smith burned  
piles of brush forenoon.  
Mr & Mrs Little here af-  
ternoon

" 19 Got Separator out of Shed  
this morn. I worked at it  
all day. Boop plowed &  
harrowed fallow. Mary & her  
father went up to Lorn to  
night. Very cool this morn. we  
thought there was frost, nice  
& cool all day.

1894 A warm day & dry. Boop  
July 20 worked at fallow all day.  
I went to Oak Lake in wagon  
to get things fixed up for  
threshing machine got home at  
twelve o'clock. Very warm & cloudy  
tonight.

" 21 I worked at machine fore  
noon went for mail after  
& to Oak Lake. Boop worked  
at fallow. Very hot & dry  
oats drying for want of rain.

" 23 A very hot windy day. Stacked  
ripe until noon then had to stop too  
windy. Boop worked at fallow af-  
ternoon I worked a separator then  
went to Oak Lake in evening.  
Fearful dry my oats & barley  
will hardly be worth cutting.



HENDERSON'S MERCHANTS' READY RECKONER,  
SHOWING the RELATIVE VALUE of the STANDARD WEIGHTS.

At per Ounce 16 drs.	1/ per Pound 16 oz.	At per Pound 16 oz.	1/ per Stone 7 lbs.	Per Stone, 14 lbs.	Per Quar., 28 lbs.	Per Half Cwt. 56 lbs.	Per Cwt. 112 lbs.	Per Barrel, 196 lbs.	Per Bag, 280 lbs.
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
0 0	0 4	0 0	0 0	0 0	0 7	0 1	0 2	0 4	0 8
0 0	0 8	0 0	0 0	0 0	0 14	0 3	0 6	0 8	0 16
0 0	1 1	0 0	0 0	0 0	1 2	0 4	0 8	0 16	0 32
0 0	1 4	0 0	0 0	0 0	1 5	0 5	0 10	0 16	0 32
0 0	1 8	0 0	0 0	0 0	1 9	0 6	0 12	0 16	0 32
0 0	2 2	0 0	0 0	0 0	2 4	0 8	0 16	0 16	0 32
0 0	2 8	0 0	0 0	0 0	2 11	0 10	0 16	0 16	0 32
0 0	3 3	0 0	0 0	0 0	2 11	0 11	0 16	0 16	0 32
0 0	3 8	0 0	0 0	0 0	3 3	0 12	0 16	0 16	0 32
0 0	4 4	0 0	0 0	0 0	3 6	0 14	0 16	0 16	0 32
0 0	4 8	0 0	0 0	0 0	3 9	0 15	0 16	0 16	0 32
0 0	5 4	0 0	0 0	0 0	4 1	0 16	0 16	0 16	0 32
0 0	5 8	0 0	0 0	0 0	4 4	0 17	0 16	0 16	0 32
0 0	6 4	0 0	0 0	0 0	4 8	0 18	0 16	0 16	0 32
0 0	6 8	0 0	0 0	0 0	5 10	0 19	0 16	0 16	0 32
0 0	7 4	0 0	0 0	0 0	5 10	0 20	0 16	0 16	0 32
0 0	7 8	0 0	0 0	0 0	6 5	0 21	0 16	0 16	0 32
0 0	8 0	0 0	0 0	0 0	6 6	0 22	0 16	0 16	0 32
0 0	8 4	0 0	0 0	0 0	6 8	0 23	0 16	0 16	0 32
0 0	8 8	0 0	0 0	0 0	7 0	0 24	0 16	0 16	0 32
0 0	9 0	0 0	0 0	0 0	7 3	0 25	0 16	0 16	0 32
0 0	9 4	0 0	0 0	0 0	7 7	0 26	0 16	0 16	0 32
0 0	9 8	0 0	0 0	0 0	8 1	0 27	0 16	0 16	0 32
0 0	10 0	0 0	0 0	0 0	8 5	0 28	0 16	0 16	0 32
0 0	10 4	0 0	0 0	0 0	8 9	0 29	0 16	0 16	0 32
0 0	10 8	0 0	0 0	0 0	9 3	0 30	0 16	0 16	0 32
0 0	11 0	0 0	0 0	0 0	9 7	0 31	0 16	0 16	0 32
0 0	11 4	0 0	0 0	0 0	9 11	0 32	0 16	0 16	0 32
0 0	11 8	0 0	0 0	0 0	10 2	0 33	0 16	0 16	0 32
0 0	12 0	0 0	0 0	0 0	10 6	0 34	0 16	0 16	0 32
0 0	12 4	0 0	0 0	0 0	10 10	0 35	0 16	0 16	0 32
0 0	12 8	0 0	0 0	0 0	11 1	0 36	0 16	0 16	0 32
0 0	13 0	0 0	0 0	0 0	11 5	0 37	0 16	0 16	0 32
0 0	13 4	0 0	0 0	0 0	11 9	0 38	0 16	0 16	0 32
0 0	13 8	0 0	0 0	0 0	12 10	0 39	0 16	0 16	0 32
0 0	14 0	0 0	0 0	0 0	12 11	0 40	0 16	0 16	0 32
0 0	14 4	0 0	0 0	0 0	13 5	0 41	0 16	0 16	0 32
0 0	14 8	0 0	0 0	0 0	13 9	0 42	0 16	0 16	0 32
0 0	15 0	0 0	0 0	0 0	13 10	0 43	0 16	0 16	0 32
0 0	15 4	0 0	0 0	0 0	14 1	0 44	0 16	0 16	0 32
0 0	15 8	0 0	0 0	0 0	14 5	0 45	0 16	0 16	0 32
0 0	16 0	0 0	0 0	0 0	14 9	0 46	0 16	0 16	0 32