

1883

1883

UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

DAILY EXPENDITURE

AND

General Annual Account of Stores, Illuminating Apparatus,
Fixtures, and all other Public Property,

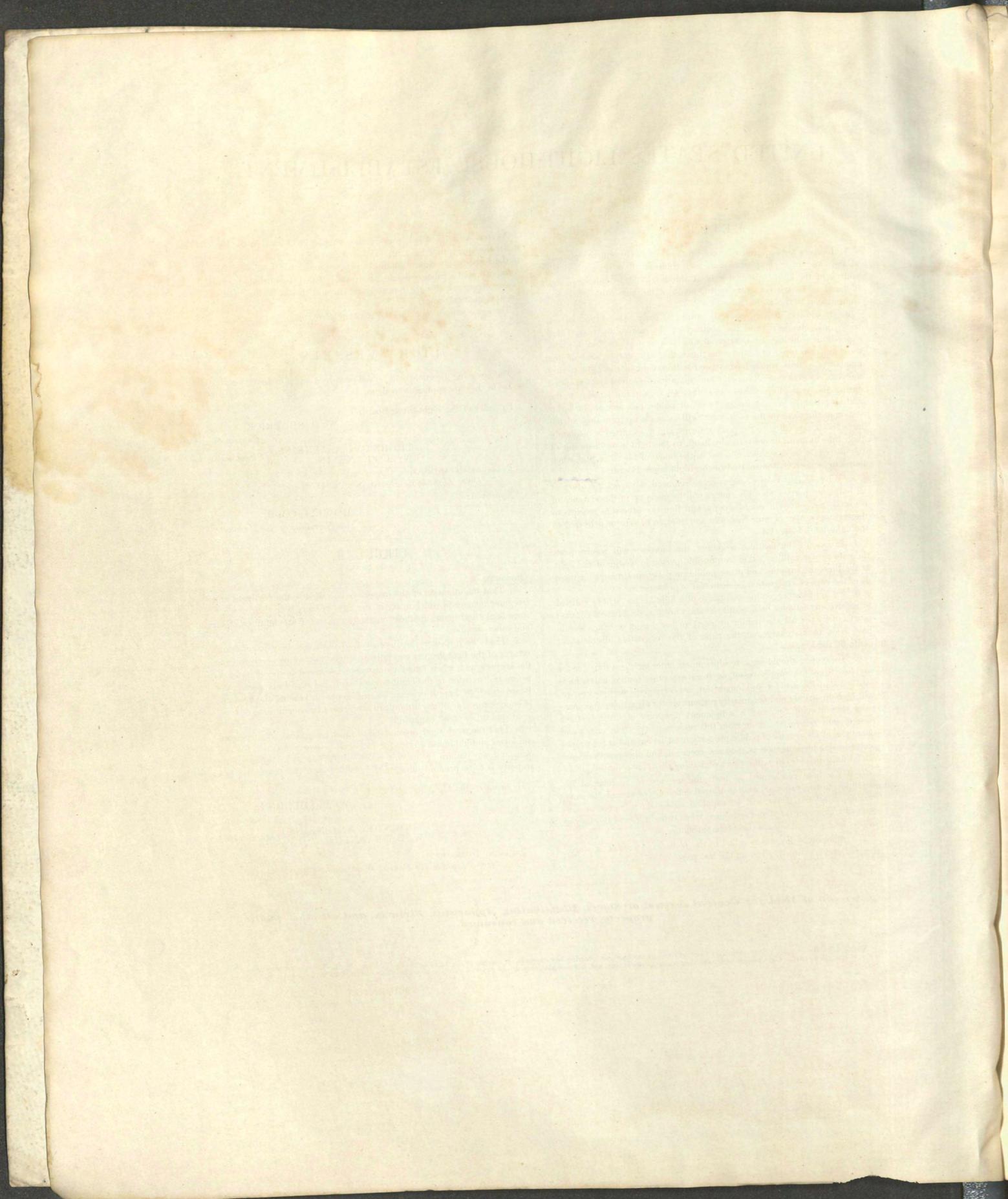
RECEIVED AND CONSUMED.

At the *Beacon*

Light Station *Cantonagon*

Cataloged by
Ruth MacFarlane

75.41.2



UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

RETURNS.

1. Keepers are required to make up their quarterly returns promptly at the close of each quarter-year, and transmit them by mail to the address of the light-house inspector of the district for examination, and, if found to be correct, entry on the books of the inspector's office, and transmission to the Light-house Board.

2. In addition to the quarterly return of daily expenditures of oil, wicks, and chimneys, and the abstract of the aggregate receipts and expenditures during the quarter, at the back of it (Form No 45), and the annual returns of shipwrecks near the light-station, and of the number of vessels which have passed within sight of the light during the year, a return of all articles and quantities received and expended during the year (Forms Nos. 48a, 48b, 48c), from the 1st July to the 30th June, and a correct inventory of all public property at the light-station at the close of the fiscal year, will be made up from the expenditure books, according to the printed forms, and transmitted immediately thereafter by mail, or delivered by hand, to the light-house inspector of the district, to be examined, entered in the books of his office, and, when found to be correct, transmitted to the Light-house Board.

3. When a light-keeper resigns or is removed, a correct inventory of all public property under his charge will be made up in the presence of his successor, who will retain a copy, and sign two others, as receipts to the retiring keeper (Forms Nos. 46a and 46b), to be sent or delivered to the light-house inspector.

4. In case of the death of a keeper, the successor will receive from the wife or assistant, or other responsible person in charge of the light at the time, the supplies and other public property, and receipt for them as in the case of resignation or dismissal of a keeper.

5. No light-keeper, or representative of a light-keeper, will be entitled to receive any balance on account of salary until he shall have accounted satisfactorily for all the public property in his charge, or which should have been in his charge, at the time of the resignation, dismissal, or death of the keeper.

6. No keeper should sign receipts upon entering upon duty, or for supplies from the supply vessel, or from any other source, unless he is satisfied that the articles and quantities are correctly stated, as keepers will be held strictly and pecuniarily responsible for all articles and quantities they receipt for, and a subsequent discovery of error in their receipts will not relieve them from this responsibility. The names and quantities of all articles of public property must be entered at the proper places in this book as soon as they are received, and the quantities consumed must be entered at the times of issuing them for consumption.

7. All articles condemned as unfit for use are to be retained for exhibition to the inspector; and no alleged deficiency of utensils, brooms, brushes, or other fixtures, will be supplied unless the worn out or condemned articles are kept and exhibited when called for, and the keeper will be held accountable for their original value.

The attention of keepers is called to the *General Accounts* of stores received and consumed, given on the last pages of this book.

As soon as articles are received they should be entered in the book under the appropriate heading. Before a quarterly return is transmitted to the Inspector, its figures should be entered under the head of articles consumed, and a balance should be struck, which balance should, in all cases, correspond with the quarterly return and should be the basis of the next quarterly return.

The same remarks apply to the *Annual Returns*.

LIGHT-VESSELS.

The foregoing directions will be followed by keepers of LIGHT-VESSELS so far as they are applicable to them.

By order of the Light-house Board:

W. B. SHUBRICK,
Chairman.

THORNTON A. JENKINS, }
W. B. FRANKLIN, } *Secretaries.*

TREASURY DEPARTMENT,
Office Light-house Board, Sept. 6, 1858.

Approved:

HOWELL COBB,
Secretary of the Treasury.

CIRCULAR.

ORDERED:

1. That the attention of the inspectors be called to the negligent and irregular manner in which many of the light-keepers keep their expenditure books and make up their quarterly returns of expenditures of oil and other supplies.

2. That the inspectors be instructed to have the daily expenditure returns of the light-keepers carefully examined as they are received from the keepers, and, when found to be correct, entered in the office book, before transmission to the Light-house Board, and report all cases to this Board in which there is evidence of negligence in keeping the accounts of expenditures, or of any attempt to keep them by computation of time, or of quantities of oil expended.

3. That the most rigid accountability must be exacted of all persons employed on light-house service for all public property intrusted to their care, and any failure to account satisfactorily for oil or other public property is to be promptly reported.

By order of the Light-house Board:

W. B. SHUBRICK,
Chairman.

THORNTON A. JENKINS, }
W. B. FRANKLIN, } *Secretaries.*

TREASURY DEPARTMENT,
Office Light-house Board, Washington City.

See end of Book for General Account of Stores, Illuminating Apparatus, Fixtures, and all other public property, received and consumed.

NOTE.—Light-keepers are strictly prohibited from making any purchases, or incurring any expenses, on account of the Light-house Establishment, by the Rules and Regulations. No bills or claims will be paid. Light-keepers will make their wants known in time, and, if reasonable, they will be supplied by the inspector or other authorized agent of the Light-house Board.

THORNTON A. JENKINS,
Secretary Light-house Board.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cataraugus Beacon* Light House, in the month of *July*, 18*90*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	49	4	27	8	46			1	1/4				
2	7	40	4	27	8	46			1	1/4		5		
3	7	40	4	28	8	47			1	1/4				
4	7	39	4	29	8	48			1	1/4				
5	7	39	4	30	8	50			1	1/4				
6	7	39	4	30	8	50			1	1/4				
7	7	39	4	31	8	51			1	1/4				
8	7	38	4	32	8	52			1	1/4	1			
9	7	37	4	33	8	53			1	1/4				
10	7	37	4	33	8	54			1	1/4				
11	7	37	4	34	8	56			1	1/4				
12	7	37	4	35	8	56			1	1/4				
13	7	36	4	35	8	58			1	1/4		5		
14	7	36	4	36	8	59			1	1/4				
15	7	37	4	37	9	1			1	1/4				
16	7	37	4	37	9	3			1	1/4				
17	7	38	4	38	9	5			1	1/4				
18	7	39	4	39	9	5			1	1/4				
19	7	40	4	40	9	7			1	1/4				
20	7	41	4	41	9	9			1	1/4				
21	7	41	4	41	9	11			1	1/4				
22	7	42	4	42	9	12			1	1/4				
23	7	43	4	43	9	14			1	1/4				
24	7	44	4	44	9	16			1	1/4				
25	7	45	4	45	9	18			1	1/4				
26	7	46	4	46	9	20			1	1/4				
27	7	25	4	47	9	22			1	1/4		5		
28	7	24	4	48	9	24			1	1/4				
29	7	23	4	49	9	26			1	1/4				
30	7	22	4	50	9	28			1	1/4				
31	7	21	4	57	9	30			1	1/4				
							4	0	0	3/4		15		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house.....	4	0	7/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	0	7/8

{ Order of Lens *6* Kind of Light *F R*
 { Number of Wicks in burner *one* Diameter of outer burner *1 inch*

Written by me—

John Morgan
Keeper

John Morgan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Canton Beacon Light House*, in the month of *August*, 1890, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32			1	1/2				
2	7	19	4	53	9	35			1	1/2				
3	7	18	4	54	9	37			1	1/2				
4	7	17	4	55	9	39			1	1/2				
5	7	16	4	56	9	41			1	1/2				
6	7	14	4	57	9	43			1	1/2				
7	7	13	4	58	9	46			1	1/2				
8	7	12	4	59	9	48			1	1/2				
9	7	11	4	0	9	50			1	1/2				
10	7	10	5	2	9	53			1	1/2				
11	7	8	5	3	9	55			1	1/2		5		
12	7	6	5	4	9	57			1	1/2	1			
13	7	4	5	5	10	0			1	3/4				
14	7	3	5	6	10	2			1	3/4				
15	7	2	5	7	10	5			1	3/4				
16	7	0	5	8	10	7			1	3/4				
17	6	59	5	9	10	10			1	3/4				
18	6	57	5	10	10	13			1	3/4				
19	6	58	5	11	10	16			1	3/4				
20	6	55	5	12	10	18			1	3/4				
21	6	53	5	13	10	21			1	3/4				
22	6	51	5	14	10	23			1	3/4				
23	6	49	5	15	10	26			1	3/4				
24	6	48	5	16	10	28			1	1		5		
25	6	46	5	17	10	31			1	1				
26	6	45	5	18	10	34			1	1				
27	6	43	5	19	10	36			1	1				
28	6	41	5	20	10	39			1	1				
29	6	40	5	21	10	42			1	1				
30	6	38	5	22	10	44			1	1				
31	6	36	5	23	10	47			1	1				
							4	2	0	2 1/2	1	10		

Total quantity consumed in the lamp of the <i>Beacon House</i>	GALLONS.	QUARTS.	PINTS.
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	2	5/16
Total quantity expended in this month.....	4	2	5/16

Order of Lens *Litt* Kind of Light *LR*
 Number of Wicks in burner *One* Diameter of outer burner *1/2 inch*

Written by me—
Jas. Long
 Keeper

Jas. Long, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outaragon Beacon Light House*, in the month of *September*, 1890, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	35	5	25	10	49			1	1				
2	6	33	5	26	10	53			1	1				
3	6	31	5	27	10	56			1	1				
4	6	30	5	28	10	59			1	1				
5	6	28	5	29	11	1			1	1 1/2		5		
6	6	26	5	30	11	4			1	1 1/2				
7	6	25	5	31	11	7			1	1 1/2				
8	6	23	5	32	11	10			1	1 1/2				
9	6	21	5	33	11	12			1	1 1/2				
10	6	19	5	34	11	15			1	1 1/2				
11	6	18	5	35	11	17			1	1 1/2				
12	6	16	5	36	11	21			1	1 1/2				
13	6	14	5	37	11	23			1	1 1/2				
14	6	12	5	39	11	26			1	1 1/2				
15	6	10	5	40	11	29			1	1 1/2				
16	6	9	5	41	11	32			1	1 1/2				
17	6	7	5	42	11	34			1	1 1/2				
18	6	5	5	43	11	38			1	1 1/2				
19	6	4	5	44	11	41			1	1 1/2				
20	6	2	5	45	11	44			1	1 1/2		5		
21	6	0	5	46	11	46			1	1 1/2				
22	5	58	5	47	11	49			1	1 1/2				
23	5	57	5	48	11	52			1	1 1/2				
24	5	53	5	49	11	55			1	1 1/2				
25	5	57	5	50	11	57			1	1 1/2				
26	5	50	5	51	12	0			1	1 1/2				
27	5	50	5	52	12	3			1	1 1/2				
28	5	48	5	53	12	6			1	1 1/2				
29	5	46	5	54	12	9			1	1 1/2				
30	5	44	5	55	12	12			1	1 1/2				
31												10		
							5	0	0	2 1/4				

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House <i>Beacon House</i>	5	0	9/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	5	0	9/16

Order of Lens *Light* Kind of Light *PR*
 (Number of Wicks in burner *One* Diameter of outer burner *three*)
 Written by me— *Jas Logan*
Jas Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon Beacon* Light House, in the month of *October*, 189*9*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	5	42	5	57	12	15			1	13/4				<i>Dry Calm</i>	
2	5	41	5	58	12	18			1	13/4				" "	
3	5	39	5	59	12	20			1	13/4		5		" "	
4	5	37	5	0	12	23			1	2				<i>Rain fog light breeze var</i>	
5	5	35	6	1	12	26			1	2				<i>Dry Calm</i>	
6	5	33	6	2	12	29			1	2				<i>light breeze variable</i>	
7	5	32	6	4	12	31			1	2				" - - -	
8	5	30	6	5	12	34			1	2				<i>Damp</i>	
9	5	29	6	6	12	38			1	2				<i>Rain fresh breeze S</i>	
10	5	27	6	7	12	40			1	2				<i>light var</i>	
11	5	25	6	8	12	43			1	2				- - - E	
12	5	24	6	9	12	45			1	2					
13	5	22	6	10	12	48			1	2					
14	5	20	6	12	12	57			1	2 1/2					
15	5	19	6	13	12	54			1	2 1/4					
16	5	17	6	14	12	57			1	2 1/4					
17	5	16	6	15	13	0			1	2 1/4					
18	5	14	6	16	13	2			1	2 1/4		5			
19	5	13	6	17	13	5			1	2 1/4					
20	5	11	6	19	13	7			1	2 1/4					
21	5	9	6	20	13	11			1	2 1/4					
22	5	8	6	21	13	13			1	2 1/4					
23	5	7	6	22	13	16			1	2 1/4					
24	5	6	6	23	13	18			1	2 1/4					
25	5	4	6	25	13	21			1	2 1/2					
26	5	2	6	26	13	24			1	2 1/2					
27	5	1	6	27	13	26			1	2 1/2					
28	5	0	6	28	13	29			1	2 1/2					
29	4	58	6	29	13	31			1	2 1/2					
30	4	57	6	30	13	34			1	2 1/2					
31	4	55	6	32	13	37			1	2 1/2					
							5	3		1	3 1/2		10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	5	3	17 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	5	3	17 1/2

Order of Lens *6* Kind of Light *FR*
 Number of Wicks in burner *one* Diameter of outer burner *one inch*
 Written by me— *James C. [Signature]*
 [Signature], Light-Keeper.
 [Signature], Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Catnagow Beacon* Light House, in the month of *November*, 18...
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	4	53	6	33	13	39			1	3/4				
2	4	57	6	34	13	41			1	3/4		✓		
3	4	50	6	36	13	45			1	3/4				
4	4	49	6	37	13	47			1	3/4				
5	4	48	6	38	13	49			1	3/4				
6	4	47	6	39	13	51			1	3/4				
7	4	46	6	41	13	54			1	3/4				
8	4	45	6	42	13	57			1	3/4				
9	4	44	6	43	13	59			1	3/4				
10	4	44	6	44	14	1			1	3/4				
11	4	43	6	45	14	4			1	3/4				
12	4	42	6	47	14	6			1	3/4				
13	4	41	6	49	14	8			1	3/4				
14	4	40	6	50	14	10			1	3/4				
15	4	39	6	52	14	12			1	3/4				
16	4	38	6	53	14	14			1	3/4				
17	4	37	6	55	14	16			1	3/4		✓		
18	4	36	6	56	14	18			1	3/4				
19	4	35	6	57	14	21			1	3/4				
20	4	34	6	58	14	23			1	3/4				
21	4	34	6	0	14	24			1	3/4				
22	4	33	7	1	14	26			1	3/4				
23	4	32	7	2	14	28			1					
24	4	31	7	3	14	30			1					
25	4	31	7	4	14	32			1					
26	4	31	7	5	14	33			1					
27	4	31	7	6	14	35			1					
28	4	30	7	7	14	36			1					
29	4	30	7	8	14	37			1					
30	4	29	7	9	14	39			1			✓		
31												✓		

6 6 1 1 2 1/2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house.....	6	1	1 9/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	6	1	1 9/16

Order of Lens *Sixth* Kind of Light *SR*
 (Number of Wicks in burner *One* Diameter of outer burner *1 inch*)
 Written by me—
W. Logan
Keeper

W. Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon Beacon Light House*, in the month of *Dec*, 1890, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	4	29	7	9	14	41	0	0	1	3				
2														
3														
4														
5														
6														
7														
8														
9														
10														
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26														
27														
28														
29														
30														
31														

0 0 1 3/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Beacon House</i>	0	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....			1 3/4

Order of Lens *Sixth* Kind of Light *FR*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*
 Written by me— *J. C. Corjan*
Keeper

J. C. Corjan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outouagon Beacon* Light House, in the month of *April*, 18*91*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18	0	44	5	15	10	37				1	1/4		10		
19	6	45	5	13	10	28				1	1/4				
20	6	47	5	11	10	26				1	1/4				
21	6	48	5	9	10	23				1	1/4				
22	6	49	5	8	10	21				1	1/4				
23	6	50	5	7	10	18				1	1/4				
24	6	51	5	5	10	16				1	1/4				
25	6	52	5	4	10	13				1	1/4				
26	6	53	5	2	10	11				1	1/4				
27	6	54	5	1	10	8				1	1/4				
28	6	55	5	0	10	4				1	1/4				
29	6	56	4	57	10	1				1	1/4				
30	6	57	4	57	9	59				1	1				
31															
							2	0	1	0					

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Beacon House</i>	2	0	1
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	2	0	1

Order of Lens *6"* Kind of Light *P.R.*
 Number of Wicks in burner *one* Diameter of outer burner *1 inch*
 Written by me— *Jas Logan*

Jas Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Canton Main* Light House, in the month of *May*, 18*91*, 8

and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	0	4	54	9	56			1	1			5	
2	7	1	4	53	9	53			1	1				
3	7	2	4	52	9	51			1	1				
4	7	3	4	51	9	49			1	1				
5	7	4	4	50	9	47			1	1				
6	7	5	4	49	9	44			1	1				
7	7	6	4	48	9	42			1	1				
8	7	7	4	46	9	40			1	1				
9	7	9	4	45	9	38			1	1				
10	7	10	4	44	9	35			1	1				
11	7	11	4	43	9	33			1	1				
12	7	12	4	42	9	31			1	1				
13	7	13	4	41	9	29			1	3/4				
14	7	14	4	40	9	27			1	3/4			5	
15	7	15	4	39	9	25			1	3/4				
16	7	16	4	38	9	23			1	3/4				
17	7	17	4	37	9	21			1	3/4				
18	7	18	4	36	9	19			1	3/4				
19	7	19	4	35	9	17			1	3/4				
20	7	20	4	34	9	15			1	3/4				
21	7	21	4	33	9	13			1	3/4				
22	7	22	4	32	9	11			1	3/4				
23	7	23	4	31	9	9			1	3/4				
24	7	23	4	31	9	8			1	3/4				
25	7	24	4	30	9	6			1	3/4				
26	7	25	4	30	9	4			1	3/4				
27	7	26	4	29	9	3			1	3/4				
28	7	26	4	27	9	1			1	1/2			5	
29	7	27	4	27	9	0			1	1/2				
30	7	28	4	26	8	0			1	1/2				
31	7	29	4	26	8	57			1	1/2				
							4	1	1	1 1/2			15	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light House.....	4	1	1 3/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	1	1 3/8

Order of Lens *Sixth* Kind of Light *PR*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*
 Written by me—
Jas Logan
 Keeper

Jas Logan Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outrigger Beacon* Light House, in the month of *June*, 18*81*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1891															
1	7	29	4	26	8	55				1	1/2				
2	7	30	4	25	8	55				1	1/2				
3	7	31	4	25	8	52				1	1/2				
4	7	32	4	24	8	52				1	1/2				
5	7	32	4	24	8	52				1	1/2				
6	7	33	4	24	8	57				1	1/2				
7	7	34	4	23	8	50				1	1/2				
8	7	34	4	23	8	49				1	1/2				
9	7	35	4	23	8	45				1	1/2				
10	7	35	4	23	8	47				1	1/2				
11	7	36	4	23	8	46				1	1/4		5		
12	7	36	4	23	8	40				1	1/4				
13	7	36	4	23	8	40				1	1/4				
14	7	37	4	23	8	44				1	1/4				
15	7	38	4	23	8	46				1	1/4				
16	7	38	4	23	8	44				1	1/4				
17	7	38	4	23	8	43				1	1/4				
18	7	39	4	23	8	43				1	1/4				
19	7	39	4	23	8	43				1	1/4				
20	7	40	4	23	8	40				1	1/4				
21	7	40	4	23	8	43				1	1/4				
22	7	40	4	23	8	40				1	1/4				
23	7	40	4	24	8	43				1	1/4		5		
24	7	40	4	24	8	40				1	1/4				
25	7	40	4	24	8	40				1	1/4				
26	7	40	4	25	8	40				1	1/4				
27	7	40	4	25	8	43				1	1/4				
28	7	40	4	26	8	40				1	1/4				
29	7	40	4	25	8	40				1	1/4				
30	7	40	4	26	8	45				1	1/4				
31															
							4	0	0	25			10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House.....	4	0	0 9/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	0	0 9/16

Order of Lens *Sixth* Kind of Light *OR*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2*

Written by me—

James Longman
Keeper

James Longman, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon Beacon Light House* in the month of *July*, 1891, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	7	40	4	27	8	46			1	1/2					
2	7	40	4	27	8	46			1	1/2					
3	7	40	4	28	8	47			1	1/2					
4	7	40	4	28	8	48			1	1/2					
5	7	39	4	29	8	50			1	1/2					
6	7	39	4	30	8	50			1	1/2					
7	7	39	4	30	8	51			1	1/2		5			
8	7	38	4	31	8	52			1	1/2					
9	7	38	4	32	8	53			1	1/2					
10	7	37	4	33	8	54			1	1/2					
11	7	37	4	33	8	52			1	1/2					
12	7	37	4	34	8	56			1	1/2					
13	7	36	4	30	8	58			1	1/2					
14	7	35	4	36	8	59			1	1/2					
15	7	35	4	37	9	1			1	1/2					
16	7	34	4	37	9	3			1	1/2					
17	7	33	4	38	9	5			1	1/2					
18	7	33	4	39	9	5			1	1/2					
19	7	32	4	40	9	7			1	1/2					
20	7	31	4	41	9	9			1	1/2					
21	7	31	4	41	9	11			1	1/2					
22	7	30	4	42	9	12			1	1/2		5			
23	7	29	4	43	9	14			1	1/2					
24	7	28	4	44	9	16			1	1/2					
25	7	27	4	45	9	18			1	1/2					
26	7	26	4	46	9	20			1	1/2					
27	7	25	4	47	9	22			1	1/2					
28	7	24	4	48	9	24			1	1/2					
29	7	23	4	49	9	26			1	1/2					
30	7	22	4	50	9	28			1	1/2					
31	7	21	4	57	9	30			1	1/2					
							4	0	0	3/4		10			

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	4	0	0 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	0	0 3/4

{ Order of Lens *Sixt* Kind of Light *FR*
 { Number of Wicks in burner *One* Diameter of outer burner *1 inch*
 Written by me—
W. Logan
 Keeper

W. Logan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antigonish Beacon Light House*, in the month of *August*, 1891,
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32			1	1/2				
2	7	19	4	53	9	35			1	1/2				
3	7	18	4	54	9	37			1	1/2				
4	7	17	4	55	9	39			1	1/2				
5	7	16	4	56	9	41			1	1/2				
6	7	14	4	57	9	43			1	1/2				
7	7	13	4	58	9	46			1	1/2				
8	7	12	4	59	9	48			1	1/2				
9	7	11	5	0	9	50			1	1/2				
10	7	10	5	1	9	53			1	1/2				
11	7	8	5	3	9	55			1	1/2				
12	7	6	5	4	9	57			1	1/2				
13	7	4	5	5	10	0			1	1/2				
14	7	3	5	6	10	2			1	1/2				
15	7	2	5	7	10	5			1	1/2	1			
16	7	0	5	8	10	7			1	1/2				
17	6	57	5	9	10	10			1	1/2				
18	6	57	5	10	10	13			1	1/2				
19	6	56	5	11	10	15			1	1/2				
20	6	55	5	12	10	16			1	1/2				
21	6	53	5	13	10	21			1	1/2				
22	6	51	5	14	10	23			1	1/2				
23	6	49	5	15	10	26			1	1/2				
24	6	48	5	17	10	28			1	1/2				
25	6	46	5	18	10	31			1	1/2				
26	6	45	5	19	10	34			1	1				
27	6	43	5	20	10	36			1	1				
28	6	41	5	21	10	39			1	1				
29	6	40	5	22	10	42			1	1				
30	6	38	5	23	10	44			1	1	1			
31	6	36	5	24	10	47			1	1				
							4	1	1	13 1/2	2	10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house.....	4	1	1 7/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	1	1 7/16

Order of Lens *Sixth* Kind of Light *P.R.*
 Number of Wicks in burner *one* Diameter of outer burner *1 inch*
 Written by me— *Jas Logan*
Jas Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon Beacon Light House* in the month of *September*, 18*77*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		DAILY QUANTITY OF OIL CONSUMED IN LIGHT-HOUSE OR LIGHT-VESSEL LAMPS.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	35	5	25	10	49			1	1				
2	6	33	5	26	10	53			1	1				
3	6	31	5	27	10	53			1	1				
4	6	30	5	28	10	59			1	1				
5	6	28	5	29	11	1			1	1 1/2		5		
6	6	26	5	30	11	4			1	1 1/2				
7	6	25	5	31	11	7			1	1 1/2				
8	6	23	5	32	11	10			1	1 1/2				
9	6	21	5	33	11	12			1	1 1/2				
10	6	19	5	34	11	15			1	1 1/2				
11	6	18	5	35	11	18			1	1 1/2				
12	6	16	5	36	11	21			1	1 1/2				
13	6	14	5	37	11	23			1	1 1/2				
14	6	12	5	39	11	26			1	1 1/2				
15	6	10	5	40	11	29			1	1 1/2				
16	6	9	5	41	11	32			1	1 1/2				
17	6	7	5	42	11	34			1	1 1/2				
18	6	5	5	43	11	38			1	1 1/2				
19	6	4	5	44	11	41			1	1 1/2				
20	6	2	5	45	11	44			1	1 1/2		5		
21	6	0	5	46	11	46			1	1 1/2				
22	5	59	5	47	11	49			1	1 1/2				
23	5	57	5	48	11	52			1	1 1/2				
24	5	55	5	49	11	55			1	1 1/2				
25	5	53	5	50	11	57			1	1 1/2				
26	5	51	5	51	12	0			1	1 1/2				
27	5	50	5	52	12	3			1	1 1/2				
28	5	48	5	54	12	6			1	1 1/2				
29	5	46	5	55	12	8			1	1 1/2				
30	5	44	5	56	12	12			1	1 1/2				
31							50	0	1/2			10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House.....	5	0	6/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	5	0	6/6

Order of Lens *Sixth* Kind of Light *VR*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*
 Written by me—
As Logan
 Keeper

As Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon Main Light House* in the month of *April*, 189*2*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)		
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.						
1																
2																
3																
4																
5																
6																
7																
8																
9	6	34	5	29	10	56			1	2 1/2		14			damp light wind NE	
10	6	35	5	28	10	52			1	2 1/2					" " " " "	
11	6	36	5	26	10	49			1	2 1/2					" " " " "	
12	6	37	5	25	10	47			1	2 1/2					" " " " "	
13	6	38	5	23	10	44			1	2 1/2					" " " " "	
14	6	40	5	21	10	41			1	2 1/2					" " " " "	
15	6	41	5	19	10	39			1	2 1/2					" " " " S E & N E	
16	6	42	5	17	10	36			1	2 1/2					" " " " N E	
17	6	43	5	16	10	33			1	2 1/2					" " " " " "	
18	6	44	5	15	10	31			1	2 1/2					" " " " " "	
19	6	45	5	13	10	28			1	2 1/2					" " " " " "	
20	6	47	5	11	10	26			1	2 1/2					" " " " " "	
21	6	48	5	9	10	23			1	2 1/2					" " " " N. W	
22	6	49	5	8	10	21			1	2 1/2	1				Snow - " N. E	
23	6	50	5	7	10	18			1	2 1/2		7			damp " " " " "	
24	6	57	5	5	10	16			1	2 1/2					" fresh " " "	
25	6	52	5	4	10	13			1	2 1/2					- light breeze variable	
26	6	53	5	2	10	11			1	2 1/2					Rain fresh - S & S W	
27	6	54	5	1	10	8			1	2 1/2					damp very - - S W & W	
28	6	55	5	0	10	4			1	2 1/2					- - - - variable	
29	6	56	4	59	10	1			1	2					- - fresh wind N W	
30	6	57	4	57	9	59			1	2	1				Snow + rain - - S & S W	
31																
							4	1	0	3 1/2	2	21	2	0	0	0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main Light House</i>	4	1	0 13/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	2	0	0
Total quantity expended in this month.....	6	1	0 13/32

Order of Lens *Fifth* Kind of Light *W*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 inches*
 Written by me— *W. Corgan* Keeper
W. Corgan, Light-Keeper.
 , Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutoragon Main Light House* in the month of *May*, 1892, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	59	4	53	9	56			1	2 1/4				Damp fresh breeze NE
2	7	0	4	57	9	53			1	2 1/4				- - - -
3	7	1	4	53	9	57			1	2 1/4				Dense snow - - -
4	7	2	4	51	9	49			1	2 1/4				Dry light breeze variable
5	7	3	4	50	9	47			1	2 1/4				- fresh wind NW
6	7	4	4	49	9	44			1	2 1/4	1			Rain + snow. fresh wind NE
7	7	5	4	47	9	42			1	2 1/4		7		Damp fresh wind NE to N
8	7	6	4	46	9	40			1	2 1/4				- - - -
9	7	7	4	45	9	38			1	2 1/4				- - - -
10	7	9	4	44	9	35			1	2				Rain - - - -
11	7	10	4	43	9	33			1	2				Damp - breeze - -
12	7	11	4	42	9	31			1	2				- - - -
13	7	12	4	41	9	29			1	2				- light - - - -
14	7	13	4	40	9	27			1	2				Rain - - - -
15	7	14	4	39	9	25			1	2				Dry fresh - - - -
16	7	15	4	38	9	23			1	2				- light - variable
17	7	16	4	37	9	21			1	2				- - - -
18	7	17	4	36	9	19			1	2				- very fresh wind S
19	7	18	4	35	9	17			1	2				Rain - breeze variable
20	7	19	4	34	9	15			1	1 3/4				Dry - - - NE
21	7	20	4	33	9	13			1	1 3/4		7		Damp - - - -
22	7	21	4	32	9	11			1	1 3/4				Dry steady breeze - -
23	7	22	4	31	9	9			1	1 3/4				- light - - - -
24	7	23	4	31	9	8			1	1 3/4				- - - - NE
25	7	23	4	30	9	6			1	1 1/2				- - - -
26	7	24	4	30	9	4			1	1 3/4				- - - -
27	7	25	4	29	9	3			1	1 1/2				Rain - - - -
28	7	26	4	28	9	1			1	1 3/4				- fresh - - - W
29	7	27	4	27	9	0			1	1 1/4				Dry steady - - - -
30	7	28	4	27	8	59			1	1 1/4				- Calm - - - -
31	7	29	4	26	8	57	5	3	0	1 1/4	1	14	2,200	- light breeze variable

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	5	3	0 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	2	2	0
Total quantity expended in this month.....	8	1	0 1/2

Order of Lens *5th* Kind of Light *S.W.*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8*

Written by me— *Jas. Logan* Light-Keeper.
Jas. Logan Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon Main* Light House, in the month of *June*, 18*92*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	7	29	4	26	8	55			1	13/4				Damp fresh wind S.E.	
2	7	30	4	25	8	55			1	13/4				- - - -	
3	7	31	4	25	8	54			1	13/4				- light - variable	
4	7	32	4	24	8	52			1	1 1/2				dry - - - S.E.	
5	7	32	4	24	8	52			1	1 1/2				- - - breeze - -	
6	7	33	4	24	8	51			1	1 1/2	7			Rain fresh - - -	
7	7	33	4	24	8	50			1	1 1/2				Light rain light - - -	
8	7	34	4	23	8	49			1	1 1/2				dry steady - - -	
9	7	35	4	23	8	48			1	1 1/2				- - - - -	
10	7	35	4	23	8	47			1	1 1/2				- light - variable	
11	7	36	4	23	8	46			1	1 1/2				- - - - -	
12	7	36	4	23	8	45			1	1 1/2				Dry - - - S.E.	
13	7	36	4	23	8	45			1	1 1/2				Rainy - - - variable	
14	7	37	4	23	8	44			1	1 1/2				dry - - - -	
15	7	38	4	23	8	44			1	1 1/2				Rain fog calm	
16	7	38	4	23	8	44			1	1 1/2				damp light breeze variable	
17	7	38	4	23	8	43			1	1 1/2				- fresh - - - S.E.	
18	7	39	4	23	8	43			1	1 1/2				Rain fog light - var	
19	7	39	4	23	8	43			1	1 1/2				- - - - -	
20	7	40	4	23	8	43			1	1 1/2				dry light breeze W	
21	7	40	4	23	8	43			1	1 1/2	7			- - - - -	
22	7	40	4	23	8	43			1	1 1/2				- - - variable	
23	7	40	4	24	8	43			1	1 1/2				- - - W	
24	7	40	4	24	8	43			1	1 1/2				Fog Calm	
25	7	40	4	24	8	43			1	1 1/2				Clear dry light breeze variable	
26	7	40	4	25	8	43			1	1 1/2				Successant rain calm	
27	7	40	4	25	8	43			1	1 1/2				dry light breeze variable	
28	7	40	4	26	8	40			1	1 1/2				Rain - - - -	
29	7	40	4	26	8	40			1	1 1/2				dry - - - -	
30	7	40	4	26	8	46			1	1 1/2				- fresh - - - W	
31															
							50	1	13/4			14	1310		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i>	5	0	17/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	1	3	1
Total quantity expended in this month.....	6	3	17/32

Order of Lens *5* Kind of Light *W.M.*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 inches*
 Written by me— *John Morgan* , Light-Keeper.
John Morgan , Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon Beacon Light House* in the month of *August*, 189*2*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32			1	1/2				
2	7	19	4	53	9	35			1	1/2				
3	7	18	4	54	9	37			1	1/2				
4	7	17	4	55	9	39			1	1/2				
5	7	16	4	56	9	41			1	1/2		5		
6	7	14	4	57	9	43			1	1/2				
7	7	13	4	58	9	46			1	1/2				
8	7	12	4	59	9	48			1	1/2				
9	7	11	5	0	9	50			1	1/2				
10	7	10	5	2	9	53			1	1/2				
11	7	8	5	3	9	55			1	1/2				
12	7	6	5	4	9	57			1	1/2				
13	7	4	5	5	10	0			1	3/4				
14	7	3	5	6	10	2			1	3/4				
15	7	2	5	7	10	5			1	3/4				
16	7	0	5	8	10	7			1	3/4				
17	6	59	5	9	10	10			1	3/4				
18	6	57	5	10	10	13			1	3/4				
19	6	56	5	11	10	16			1	3/4				
20	6	55	5	12	10	18			1	3/4		10		
21	6	53	5	13	10	21			1	3/4				
22	6	51	5	14	10	23			1	3/4				
23	6	49	5	15	10	26			1	3/4				
24	6	48	5	17	10	28			1	3/4				
25	6	46	5	18	10	31			1	3/4				
26	6	45	5	19	10	34			1	1				
27	6	43	5	20	10	36			1	1				
28	6	41	5	21	10	39			1	1				
29	6	40	5	22	10	42			1	1				
30	6	38	5	23	10	44			1	1				
31	6	36	5	24	10	47			1	1				
							4	1	1	3				

	GALLONS.	QUARTS.	PINTS
Total quantity consumed in the lamp of the <i>Beacon House</i>	4	1	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	1	1 3/4

Order of Lens *6"* Kind of Light *PR*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2*
 Written by me—
Jas. Morgan
 Keeper

Jas. Morgan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutwagon Beacon* Light House, in the month of *September*, 1892, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	35	5	25	10	49			1	1				
2	6	33	5	26	10	53			1	1				
3	6	31	5	27	10	56			1	1				
4	6	30	5	28	10	59			1	1			5	
5	6	28	5	29	11	1			1	1 1/4				
6	6	26	5	30	11	4			1	1 1/4				
7	6	25	5	31	11	7			1	1 1/4				
8	6	23	5	32	11	10			1	1 1/4				
9	6	21	5	33	11	12			1	1 1/4				
10	6	19	5	34	11	15			1	1 1/4				
11	6	18	5	35	11	18			1	1 1/4				
12	6	16	5	36	11	21			1	1 1/4				
13	6	14	5	37	11	23			1	1 1/4				
14	6	12	5	39	11	26			1	1 1/4				
15	6	10	5	40	11	29			1	1 1/4				
16	6	9	5	41	11	32			1	1 1/4				
17	6	7	5	42	11	34			1	1 1/4			5	
18	6	5	5	43	11	38			1	1 1/4				
19	6	4	5	44	11	41			1	1 1/4				
20	6	2	5	45	11	44			1	1 1/4				
21	6	0	5	46	11	46			1	1 1/4				
22	5	58	5	47	11	49			1	1 1/4				
23	5	57	5	48	11	52			1	1 1/4				
24	5	55	5	49	11	55			1	1 1/4				
25	5	53	5	50	11	57			1	1 1/4				
26	5	51	5	51	12	0			1	1 3/4				
27	5	50	5	52	12	3			1	1 3/4				
28	5	48	5	54	12	6			1	1 3/4				
29	5	46	5	55	12	8			1	1 3/4				
30	5	44	5	56	12	12			1	1 3/4			5	
31														
							5	0	0	1 1/4		15		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Beacon</i> Light.....	5	0	0 5/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....		0	0 5/16

Order of Lens *6* Kind of Light *PK*
 Number of Wicks in burner *one* Diameter of outer burner *slush*
 Written by me— *John Logan* *Keeper*
John Logan Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily *in the Beacon* Light *House* in the month of *October*, 189*2* and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	5	42	5	57	12	15			1	13/4				
2	5	41	5	58	12	18			1	13/4				
3	5	39	5	59	12	20			1	13/4				
4	5	37	6	0	12	23			1	13/4				
5	5	35	6	1	12	26			1	13/4				
6	5	33	6	3	12	29			1	13/4				
7	5	32	6	4	12	31			1	13/4				
8	5	30	6	5	12	34			1	2				
9	5	29	6	6	12	38			1	2				
10	5	27	6	7	12	40			1	2				
11	5	25	6	8	12	43			1	2				
12	5	24	6	9	12	45			1	2				
13	5	22	6	10	12	48			1	2				
14	5	20	6	12	12	57			1	2		5		
15	5	19	6	13	12	57			1	2				
16	5	17	6	14	12	57			1	2				
17	5	16	6	15	13	0			1	2				
18	5	14	6	16	13	2			1	2				
19	5	13	6	17	13	5			1	2 1/4				
20	5	11	6	19	13	7			1	2 1/4				
21	5	9	6	20	13	11			1	2 1/4				
22	5	8	6	21	13	13			1	2 1/4				
23	5	6	6	23	13	16			1	2 1/4				
24	5	4	6	25	13	18			1	2 1/4				
25	5	2	6	26	13	21			1	2 1/4				
26	5	1	6	27	13	24			1	2 1/4				
27	5	0	6	28	13	26			1	2 1/4				
28	4	58	6	29	13	29			1	2 1/4				
29	4	57	6	30	13	31			1	2 1/4		5		
30	4	58	6	31	13	34			1	2 1/2				
31	4	55	6	32	13	37			1	2 1/2				
							53	10						

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- <i>Beacon House</i>	5	3	1
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	5	3	1

Order of Lens *6"* Kind of Light *PAR*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*

Written by me—
H. Morgan
Super

J. C. Morgan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily in *Octagon Beacon Light House*, in the month of *Nov*, 18*80*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, stowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	4	53	6	33	13	24			1	2 1/2				
2	4	52	6	34	13	41			1	2 1/2				
3	4	57	6	36	13	50			1	2 1/2				
4	4	50	6	37	13	47			1	2 1/2				
5	4	50	6	38	13	49			1	2 1/2				
6	4	49	6	39	13	57			1	2 1/2				
7	4	48	6	41	13	54			1	2 1/2				
8	4	47	6	42	13	57			1	2 1/2				
9	4	46	6	43	13	59			1	2 1/2				
10	4	46	6	44	14	1			1	2 1/2				
11	4	44	6	45	14	4			1	2 3/4				
12	4	43	6	47	14	6			1	2 3/4				
13	4	42	6	48	14	8			1	2 1/2				
14	4	41	6	49	14	10			1	2 3/4				
15	4	40	6	50	14	12			1	2 1/2				
16	4	39	6	52	14	14			1	2 1/2				
17	4	38	6	53	14	16			1	2 1/2				
18	4	37	6	55	14	18			1	2 1/2				
19	4	36	6	56	14	21			1	2 1/2				
20	4	35	6	57	14	23			1	2 1/2				
21	4	34	6	58	14	24			1	2 1/2				
22	4	34	7	0	14	26			1	2 1/2				
23	4	33	7	1	14	28			1	2 1/2				
24	4	32	7	2	14	30			1	2 1/2				
25	4	31	7	3	14	32			1	3				
26	4	31	7	4	14	33			1	3				
27	4	31	7	5	14	35			1	3				
28	4	31	7	6	14	36			1	3				
29	4	30	7	7	14	37			1	3				
30	4	30	7	8	14	39			1	3				
31														
							6	1	0	1/2		10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	6	1	0 3/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....		1	0 3/8

Order of Lens *Sixth* Kind of Light *P.R.*
 Number of Wicks in burner *One* Diameter of outer burner *Three*
 Written by me— *Joe Logan* Keeper
Joe Logan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily in *Autragon Beacon* Light House, in the month of *Dec*, 18*92*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	4	29	7	9	14	41					1	3		
2	4	29	7	10	14	42					1	3		
3														
4														
5														
6														
7														
8														
9														
10														
11														
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30														
31														

1 / 1 2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....		1	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....		1	1 1/2

Order of Lens *Sixth* Kind of Light *PR*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*

Written by me—
Joe Corigan
 Keeper

Joe Corigan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cataraugus Beacon Light House* in the month of *April*, 18*93*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22	6	49	5	8	10	21						10			
23	6	50	0	7	10	18									
24	6	57	0	5	10	16									
25	6	52	0	4	10	13									
26	6	53	0	2	10	11									
27	6	54	0	1	10	8									
28	6	55	0	0	10	4									
29	6	56	4	59	10	1									
30	6	57	4	59	9	59									
31							1	1	1	1		10			

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- <i>Beacon Light House</i>	1	1	1/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	1	1	1/4

Order of Lens *6"* Kind of Light *FR*
 Number of Wicks in burner *one* Diameter of outer burner *1/2 inch*
 Written by me—
James Logan
 Keeper

James Logan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily *Octagon Beacon Light House*, in the month of *May*, 18*93*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	59	4	55	9	56			1	3/4				
2	7	0	4	52	9	53			1	3/4				
3	7	2	4	53	9	57			1	3/4				
4	7	3	4	57	9	49			1	3/4				
5	7	4	4	50	9	47			1	3/4				
6	7	5	4	44	9	44			1	3/4				
7	7	6	4	48	9	42			1	3/4		5		
8	7	7	4	46	9	40			1	3/4				
9	7	9	4	45	9	38			1	3/4				
10	7	10	4	44	9	35			1	3/4				
11	7	11	4	43	9	33			1	3/4				
12	7	12	4	42	9	31			1	3/4				
13	7	13	4	41	9	29			1	1/2				
14	7	14	4	40	9	27			1	1/2				
15	7	15	4	39	9	25			1	1/2				
16	7	16	4	38	9	23			1	1/2				
17	7	17	4	37	9	21			1	1/2				
18	7	18	4	36	9	19			1	1/2				
19	7	19	4	35	9	17			1	1/2				
20	7	20	4	34	9	15			1	1/2				
21	7	21	4	33	9	13			1	1/2		5		
22	7	22	4	32	9	11			1	1/2				
23	7	23	4	31	9	9			1	1/2				
24	7	23	4	31	9	8			1	1/2				
25	7	24	4	30	9	6			1	1/2				
26	7	24	4	30	9	4			1	1/2				
27	7	25	4	29	9	3			1	1/2				
28	7	26	4	28	9	1			1	1/2				
29	7	27	4	27	9	0			1	1/2				
30	7	28	4	27	8	59			1	1/2				
31	7	29	4	26	8	58			1	1/2				
							4	1	1	2 1/4		10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- <i>Beacon House</i>	4	1	1 10/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	1	1 10/16

Order of Lens *Sixth* Kind of Light *Q+R*
 Number of Wicks in burner *One* Diameter of outer burner *1 inch*
 Written by me—
Joe Corgan
 Keeper

Jan Logan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autragon Beacon Light House*, in the month of *June*, 18*98*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	29	4	26	8	55			1	1/2				
2	7	30	4	25	8	55			1	1/2				
3	7	31	4	25	8	55			1	1/2				
4	7	32	4	24	8	52			1	1/2		5		
5	7	32	4	24	8	52			1	1/2				
6	7	33	4	24	8	51			1	1/2				
7	7	33	4	24	8	50			1	1/2				
8	7	34	4	23	8	49			1	1/2				
9	7	35	4	23	8	48			1	1/2				
10	7	35	4	23	8	47			1	1/2				
11	7	36	4	23	8	46			1	1/2				
12	7	36	4	23	8	45			1	1/2				
13	7	36	4	23	8	45			1	1/2				
14	7	37	4	23	8	44			1	1/2				
15	7	38	4	23	8	44			1	1/2				
16	7	38	4	23	8	44			1	1/2				
17	7	38	4	23	8	43			1	1/2				
18	7	39	4	23	8	43			1	1/2		5		
19	7	39	4	23	8	43			1	1/2				
20	7	40	4	23	8	43			1	1/2				
21	7	40	4	23	8	43			1	1/2				
22	7	40	4	24	8	43			1	1/2				
23	7	40	4	24	8	43			1	1/2				
24	7	40	4	24	8	43			1	1/2				
25	7	40	4	25	8	43			1	1/2				
26	7	40	4	25	8	43			1	1/2				
27	7	40	4	25	8	43			1	1/2				
28	7	40	4	26	8	45			1	1/2				
29	7	40	4	26	8	45			1	1/2				
30	7	40	4	26	8	46			1	1/2				
31							4	0	1	0		10		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Beacon House</i>	4	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	0	1 3/4

Order of Lens *Sixth* Kind of Light *FR*
 Number of Wicks in burner *One* Diameter of outer burner *One inch*
 Written by me—

W. Morgan
 Keeper

W. Morgan, Light-Keeper.
 , Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon Beacon Light House*, in the month of *July*, 18*93*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	40	4	27	8	16			1	1/2				
2	7	40	4	27	8	46			1	1/2				
3	7	40	4	28	8	47			1	1/2				
4	7	40	4	28	8	48			1	1/2				
5	7	39	4	29	8	50			1	1/2				
6	7	39	4	30	8	50			1	1/2				
7	7	39	4	30	8	57			1	1/2				
8	7	38	4	31	8	52			1	1/2				
9	7	38	4	32	8	53			1	1/2				
10	7	37	4	33	8	54			1	1/2				
11	7	37	4	34	8	56			1	1/2				
12	7	37	4	35	8	56			1	1/2				
13	7	36	4	36	8	58			1	1/2				
14	7	35	4	36	8	59			1	1/2				
15	7	35	4	37	9	1			1	1/2				
16	7	34	4	37	9	3			1	1/2				
17	7	34	4	38	4	5			1	1/2				
18	7	33	4	39	4	5			1	1/2				
19	7	32	4	40	9	7			1	1/2				
20	7	31	4	41	9	9			1	1/2				
21	7	31	4	41	9	11			1	1/2				
22	7	30	4	42	9	12			1	1/2				
23	7	29	4	43	9	14			1	1/2				
24	7	28	4	44	9	16			1	1/2				
25	7	27	4	44	9	18			1	1/2				
26	7	26	4	46	9	20			1	1/2				
27	7	25	4	47	9	22			1	1/2				
28	7	24	4	48	9	24			1	3/4				
29	7	23	4	49	9	26			1	3/4				
30	7	22	4	50	9	28			1	3/4				
31	7	21	4	57	9	30			1	3/4				
							4	1	1	0/2		5	15	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House <i>Beacon House</i>	4	1	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....			
Total quantity expended in this month.....	4	1	1 1/2

Order of Lens *Sixth* Kind of Light *GR*
 Number of Wicks in burner *one* Diameter of outer burner *1 inch*
 Written by me— *J. Morgan*

J. Morgan, Light-Keeper.
J. Morgan, Ass't Keeper.

