

1895-  
1901

UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

~~D~~ EXPENDITURE

AND

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

RECEIVED AND CONSUMED

At the *Ontonagon*

Light Station *June 1895 to June 1901*

75.41.2

Mrs. Arnold Huaki

# 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 quarterly returns of shipwrecks near the light-station and of the number of vessels which have passed within sight of the light during the quarter, a RETURN of all articles and quantities received and expended during the year from the 1st July to the 30th of 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 form No. 46, and transmitted immediately thereafter by mail 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.
  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, the supplies and other public property, and receipt for them as in the case of resignation or dismissal.
  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 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.

*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.

THORNTON A. JENKINS,  
*Secretary Light-house Board.*

As soon as articles are received they should be entered 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.*

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutoragon* Light-Houses in the month of *June 1895*, 186 ,  
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		2				dry fresh breeze variable	
2	7	30	4	25	8	55		1		2				Light rain Calm	
3	7	31	4	25	8	54		1		2				Rain fresh breeze S W	
4	7	32	4	24	8	53		1		2				Damp - - - W & S W	
5	7	32	4	24	8	53		1		2				Rain - wind W	
6	7	33	4	24	8	52		1		2				dry light breeze S. E	
7	7	33	4	24	8	51		1		2				- fresh - W	
8	7	34	4	23	8	50		1		2	12			Damp - - - N E	
9	7	35	4	23	8	48		1		2				- Calm	
10	7	35	4	23	8	47		1		2				Rain fog calm	
11	7	36	4	23	8	46		1		2				- - -	
12	7	36	4	23	8	45		1		2				fog - - -	
13	7	36	4	23	8	45		1		2				short fog - - -	
14	7	37	4	23	8	44		1		2				- - - steady breeze N. E	
15	7	38	4	23	8	44		1		2				Dry - - - - -	
16	7	38	4	23	8	44		1		2				- fresh - S. W	
17	7	38	4	23	8	43		1		2				- short fog - - - S	
18	7	39	4	23	8	43		1		2				- steady breeze W	
19	7	39	4	23	8	43		1		2				- Calm	
20	7	40	4	23	8	43		1		2				Rain light breeze variable	
21	7	40	4	23	8	43		1		2				- - - N. W	
22	7	40	4	23	8	43		1		2	12			Damp fresh - N E	
23	7	40	4	24	8	43		1		2				Rain calm	
24	7	40	4	24	8	43		1		2				dry light breeze variable	
25	7	40	4	24	8	43		1		2				Rain fog Calm	
26	7	40	4	25	8	43		1		2				Damp fresh breeze N x W	
27	7	40	4	25	8	43		1		2				Rain - - - - -	
28	7	40	4	26	8	45		1		2				Damp light - variable	
29	7	40	4	26	8	45		1		2				Rain Calm	
30	7	40	4	26	8	46		1		2				- fog - - -	
31								9	1	0		24	2	1	0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	9	1	1
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	1	1
Total quantity expended in this month . . . . .	11	3	0

Order of Lens *576* Kind of Light *5M + 7R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 inch*  
 Written by me— *Jas Logan* *Jas Logan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Auloragon Light Houses in the month of July, 1895, 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		2					Damp light breeze variable
2	7	40	4	27	8	46	1		2					Dry Calm
3	7	40	4	28	8	47	1		2					-
4	7	40	4	29	8	48	1		2					- light breeze N.E.
5	7	39	4	29	8	50	1		2		12			Rain fresh wind S
6	7	39	4	30	8	50	1		2					- light breeze variable
7	7	39	4	30	8	51	1		2					Dry fresh - W
8	7	38	4	30	8	52	1		2					Rain - wind N to NW
9	7	38	4	32	8	53	1		2					Dry Calm
10	7	37	4	33	8	54	1		2					Rain light breeze variable
11	7	37	4	33	8	56	1		2 1/4					-
12	7	37	4	34	8	56	1		2 1/4					Dry Calm
13	7	36	4	35	8	58	1		2 1/4					Rain light breeze variable.
14	7	35	4	36	8	59	1		2 1/4					Dry - - -
15	7	35	4	37	8	1	1		2 1/4					- - -
16	7	34	4	37	8	3	1		2 1/4					- fresh - S
17	7	33	4	38	9	5	1		2 1/4					- - - W
18	7	33	4	39	9	5	1		2 1/4					- light - variable
19	7	32	4	40	9	7	1		2 1/4					- - - N.E.
20	7	31	4	41	9	9	1		2 1/4					Rain - - - SW
21	7	31	4	41	9	11	1		2 1/4					damp fresh - W
22	7	30	4	42	9	11	1		2 1/4					- - - variable
23	7	29	4	43	9	14	1		2 1/4					Dry light - N.E.
24	7	28	4	44	9	16	1		2 1/4					Rain - - - variable
25	7	27	4	45	9	18	1		2 1/4					Dry - - - W
26	7	26	4	46	9	20	1		2 1/4		12			- - -
27	7	25	4	47	9	22	1		2 1/4					- - -
28	7	24	4	48	9	24	1		2 1/4					- Calm
29	7	23	4	49	9	26	1		2 1/4					damp fresh breeze W
30	7	22	4	50	9	28	1		2 1/4					Dry light - variable
31	7	21	4	51	9	30	1		2 1/4					- - -

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	10	2	0
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	2	1
Total quantity expended in this month . . . . .	13	0	1

Order of Lens 5 + 6 Kind of Light FR + FR  
 Number of Wicks in burner one Diameter of outer burner 1/2 inch  
 Written by me Jas. Corigan Jas. Corigan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autoran Light, Mass. in the month of August, 1867, 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	54	9	32	1	4	4					Dry Calm
2	7	19	4	53	9	37	1	1	1/4					Rainsquall S.W
3	7	18	4	56	9	39	1	1	1/4					Dry light breeze variable
4	7	18	4	57	9	41	1	1	1/4					- Calm
5	7	16	4	58	9	43	1	1	1/4					Rain light breeze variable
6	7	14	4	59	9	46	1	1	1/4					- - - -
7	7	13	4	0	9	48	1	1	1/2			12		- - - -
8	7	12	4	2	9	50	1	1	1/2					Dry - - - -
9	7	11	5	3	9	53	1	1	1/2					Rain - - - -
10	7	10	5	4	9	55	1	1	1/2					Dry steady - W
11	7	8	5	5	9	57	1	1	3/4					- - - -
12	7	6	5	6	9	59	1	1	3/4					- - - - N x W
13	7	4	5	7	10	0	1	1	3/4					- light - variable
14	7	3	5	8	10	2	1	1	3/4					- - - -
15	7	2	5	9	10	5	1	1	3/4					- - - -
16	7	0	5	10	10	7	1	1	3/4					- - - -
17	6	59	5	11	10	10	1	1	3/4					- steady - N x A
18	6	57	5	12	10	13	1	1	3/4					- - - - W.
19	6	56	5	13	10	16	1	1	3/4					- - - - x N
20	6	55	5	14	10	18	1	0	3/4					Damp - fresh - - -
21	6	53	5	15	10	21	1	0	3/4					Dry light breeze variable
22	6	57	5	16	10	23	1	0	3/4			12		- calm
23	6	49	5	17	10	26	1	0	3/4					- steady breeze S.W
24	6	48	5	18	10	28	1	0	3/4					- light - variable
25	6	46	5	19	10	31	1	0	3/4					- - - -
26	6	45	5	20	10	34	1	0	3/4					- - - -
27	6	43	5	21	10	36	1	0	3/4					- - - -
28	6	41	5	22	10	39	1	0	3/4					Damp - - - -
29	6	40	5	23	10	42	1	0	3/4					- - - - N W
30	6	38	5	24	10	44	1	0	3/4	1				Rain fresh - W
31	6	36	5	25	10	47	1	0	3/4					Dry - wind -

Total quantity consumed in the lamp of the Light. <u>Hours</u> . . . . .	GALLONS.	QUARTS.	PINTS.
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	11	2	1 1/16
Total quantity expended in this month . . . . .	2	3	1
	14	2	0 1/16

Order of Lens 5 + 6 Kind of Light Oil & T.R.  
 Number of Wicks in burner One Diameter of outer burner 1/2" when  
 Written by me Jas Logan Jas Logan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light House in the month of *Sept*, 1880, 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	0	3	1/4				dry light breeze S	
2	6	33	5	26	10	53	1	0	3	1/4				- - - E	
3	6	31	5	27	10	56	1	0	3	1/4				- calm	
4	6	30	5	28	10	59	1	1	0			12		- fresh breeze W	
5	6	28	5	29	11	1	1	0						Rain squall -	
6	6	26	5	30	11	4	1	1	0					- - -	
7	6	25	5	31	11	7	1	1	0					Damp & gale -	
8	6	23	5	32	11	10	1	1	0					- light breeze variable	
9	6	21	5	33	11	12	1	1	0					dry fresh - S	
10	6	19	5	34	11	15	1	1	1/4					- Smoky - - -	
11	6	18	5	35	11	18	1	1	1/4	1				Rain squally variable	
12	6	16	5	36	11	23	1	1	1/4					Damp light breeze -	
13	6	14	5	37	11	26	1	1	1/4					- - -	
14	6	12	5	39	11	27	1	1	1/4					- Steady - S x W	
15	6	10	5	40	11	29	1	1	1/4					Rain light - variable	
16	6	9	5	41	11	32	1	1	1/4					dry - - -	
17	6	7	5	42	11	34	1	1	1/4					- - -	
18	6	5	5	43	11	35	1	1	1/4					- - -	
19	6	4	5	44	11	41	1	1	1/4			12		- - -	
20	6	2	5	45	11	44	1	1	1/4					Rain fresh wind S W	
21	6	0	5	46	11	46	1	1	3/4					- light breeze variable	
22	5	58	5	47	11	49	1	1	3/4					- squall S.E	
23	5	57	5	48	11	52	1	1	5/4					- gale W	
24	5	55	5	49	11	55	1	1	3/4					damp light breeze variable	
25	5	53	5	50	11	57	1	1	3/4					Rain - - -	
26	5	51	5	51	12	0	1	1	1					- gale N W x W	
27	5	50	5	52	12	3	1	1	1					Damp calm	
28	5	48	5	54	12	6	1	1	1	1				Rain gale S + S.E	
29	5	46	5	55	12	8	1	1	1					damp fresh breeze S.E	
30	5	44	5	56	12	12	1	1	1					- - - S.W	
31							11	2	1	0	2	24	3-1.0.0		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	11	2	1
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	0
Total quantity expended in this month . . . . .	14	3	1

Order of Lens *J + 6* Kind of Light *997 + FR*  
 Number of Wicks in burner *five* Diameter of outer burner *1 1/2 + 1 burner*  
 Written by me *Jas Logan* Light-Keeper.  
*Jas Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outingon

Light Houses, in the month of Octr

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.	Qs.	Pints.	Gills.				
1	5	12	5	57	12	15	1	1	1 1/4				Damp steady breeze W	
2	5	11	5	58	12	18	1	1	1 1/4				light - S W	
3	5	39	5	59	12	20	1	1	1 1/4		12		- - - -	
4	5	37	6	0	12	23	1	1	1 1/4				calm	
5	5	35	6	1	12	26	1	1	1 1/4				light breeze variable	
6	5	33	6	3	12	29	1	1	1 1/4				Rain - - -	
7	5	32	6	4	12	31	1	1	1 1/4				+ Snow of gale W	
8	5	30	6	5	12	34	1	1	1 1/4				Snow fresh wind -	
9	5	29	6	6	12	38	1	1	1 1/4				Damp light breeze S.W	
10	5	27	6	7	12	40	1	1	1 1/4				- - - - variable	
11	5	25	6	8	12	43	1	1	1 1/4				fresh wind S.W	
12	5	24	6	9	12	45	1	1	1 1/4				light - W	
13	5	22	6	10	12	48	1	1	1 3/4				- - - - variable	
14	5	19	6	12	12	51	1	1	1 3/4				- - - - S.W & S.E	
15	5	17	6	13	12	54	1	1	1 3/4				- - - - S.W	
16	5	16	6	14	12	57	1	1	1 3/4				Snow of gale S.W	
17	5	14	6	15	13	0	1	1	2				damp fresh wind - -	
18	5	13	6	16	13	2	1	1	2		12		- - - - W x S	
19	5	11	6	17	13	5	1	1	2				Gale - - - W	
20	5	9	6	19	13	7	1	1	2				Snow fresh wind S.W	
21	5	8	6	20	13	11	1	1	2				- of gale - - -	
22	5	7	6	21	13	13	1	1	2				- - - -	
23	5	6	6	22	13	16	1	1	2 1/4				Damp fresh wind - -	
24	5	4	6	23	13	18	1	1	2 1/4				light breeze variable	
25	5	2	6	25	13	21	1	1	2 1/4				- - - -	
26	5	1	6	26	13	24	1	1	2 1/4				calm	
27	5	0	6	27	13	26	1	1	2 1/4				Snow of gale W	
28	5	0	6	28	13	29	1	1	2 1/4				- - - - S x W	
29	4	58	6	30	13	31	1	1	2 1/4				fresh wind - - -	
30	4	57	6	31	13	34	1	1	2 1/4				Damp - - - S	
31	4	55	6	32	13	37	1	1	2 1/4		24		Snow - - - S x W	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	13	1	1 5/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	4	1	1
Total quantity expended in this month . . . . .	17	3	0 5/16

Order of Lens *5 & 6* Kind of Light *P.W. & P.R.*  
 Number of Wicks in burner *five* Diameter of outer burner *1 1/8 + 1 line*  
 Written by me *Jas Corigan* *Jas Corigan* Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light Houses, in the month of *Nov*, 1865, 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	57	6	33	13	39	1	1	2 1/2			12	Damp light breeze variable	
2	4	53	6	34	13	41	1	1	2 3/4				- - - -	
3	4	51	6	36	13	45	1	1	2 3/4				- Calm	
4	4	50	6	37	13	47	1	1	2 3/4				Dry fresh wind S x W	
5	4	49	6	38	13	49	1	1	2 3/4				Damp - - - -	
6	4	48	6	39	13	57	1	1	2 3/4				- - - - N	
7	4	47	6	41	13	54	1	1	3				Snow light breeze variable	
8	4	46	6	43	13	57	1	1	3	1			- - - - N	
9	4	45	6	44	13	59	1	1	3				- - - - variable	
10	4	44	6	45	14	1	1	1	3				Damp - - - - N	
11	4	43	6	47	14	4	1	1	3				- - - - variable	
12	4	42	6	48	14	6	1	1	3				- - - -	
13	4	41	6	49	14	8	1	1	3 1/4				- - - -	
14	4	40	6	50	14	10	1	1	3 1/4				Snow fresh wind N.W	
15	4	39	6	52	14	12	1	1	3 1/4				Damp - - - - N x W	
16	4	38	6	53	14	14	1	1	3 1/4			12	- Calm	
17	4	37	6	54	14	16	1	1	3 1/4				- - - -	
18	4	36	6	55	14	18	1	1	3 1/4				Snow light breeze variable	
19	4	35	6	56	14	21	1	1	3 1/4				- fresh wind N + N.E	
20	4	34	6	57	14	23	1	1	3 1/4				- light breeze variable	
21	4	33	6	58	14	24	1	1	3 1/2				- fresh - - - - N	
22	4	33	7	0	14	26	1	1	3 1/2				- light - - - -	
23	4	32	7	1	14	28	1	1	3 1/2	1			- fresh - - - - N.E	
24	4	31	7	2	14	30	1	1	3 1/2				- light - - - - variable	
25	4	31	7	3	14	32	1	1	3 1/2				- fresh - - - -	
26	4	31	7	4	14	33	1	1	3 1/2				- - - - S W	
27	4	31	7	5	14	35	1	1	3 1/2				- light - - - - variable	
28	4	30	7	6	14	36	1	1	3 1/2				Damp Calm	
29	4	30	7	7	14	37	1	1	3 1/4				Snow ft N.E	
30	4	29	7	8	14	39	1	1	3 1/4				- - - - S W	
31														

Total quantity consumed in the lamps of the Light- . . . . .	14	1	0
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	4	2	1
Total quantity expended in this month . . . . .	18	3	1

Order of Lens *5+6* Kind of Light *SM+TR*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 inch*  
 Written by me *Just Logan* Light-Keeper.  
*Just Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily of *Autoragon* Light Houses, in the month of April 1876, 186  
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	6	40	5	24	10	41	1					12		Rain light breeze SW	
15	6	41	5	19	10	39	1							Damp - - - - -	
16	6	42	5	17	10	36	1							- - - - -	
17	6	43	5	16	10	33	1							Rain - - - - - E	
18	6	44	5	15	10	31	1							- - - - - N.E.	
19	6	45	5	13	10	28	1							Dry fresh - - - - - SW x W	
20	6	47	5	11	10	26	1							Damp - - - - - N.E.	
21	6	48	5	9	10	23	1			3 3/4				- - - - - SW	
22	6	49	5	8	10	21	1			3 3/4				- - - - - S	
23	6	50	5	7	10	18	1			3 3/4				Rain - - - - -	
24	6	51	5	5	10	16	1			3 3/4				Damp fresh breeze W	
25	6	52	5	4	10	13	1			3 3/4				Dry Calm	
26	6	53	5	2	10	11	1			3 3/4				- light breeze SW	
27	6	54	5	1	10	8	1			3 3/4				- - - - - Variable	
28	6	55	5	0	10	4	1			3 3/4				- - - - - N.E.	
29	6	56	4	59	10	1	1			3 3/4				- fresh - - - - - S	
30	6	57	4	57	9	57	1			3 3/4				Damp light - - - - - Variable	
31															

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	6	1	1/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	1
Total quantity expended in this month . . . . .	9	3	1 1/4

Order of Lens *5 x 6* Kind of Light *SW + FR*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inch*  
 Written by me *Jas Logan* *Jas Logan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Aulonagon* Light Houses, in the month of *May*, 186*6*, 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	55	9	56				1	5 <sup>2</sup>			Damp light breeze variable
2	7	1	4	53	9	53				1	3 <sup>2</sup>			Rain " " "
3	7	2	4	52	9	51				1	3 <sup>2</sup>			Damp " " "
4	7	3	4	51	9	49				1	3 <sup>2</sup>			Dry light " " "
5	7	4	4	50	9	47				1	3 <sup>1</sup> / <sub>4</sub>			Rain " " variable
6	7	5	4	49	9	44				1	3 <sup>1</sup> / <sub>4</sub>			Dry " " "
7	7	6	4	48	9	42				1	3 <sup>1</sup> / <sub>4</sub>			" fresh " SW
8	7	7	4	46	9	40				1	3 <sup>1</sup> / <sub>4</sub>			" " " N x NW x N
9	7	9	4	45	9	38				1	3 <sup>1</sup> / <sub>4</sub>			" " " SW
10	7	10	4	44	9	35				1	3 <sup>1</sup> / <sub>4</sub>			Damp short fog light breeze W
11	7	11	4	43	9	33				1	3	12		Rain fresh wind N E
12	7	12	4	42	9	31				1	3			" light breeze variable
13	7	13	4	41	9	29				1	3			Dry fresh " SW
14	7	14	4	40	9	27				1	3			Rain " " S x E
15	7	15	4	39	9	25				1	3			Dry " " N W
16	7	16	4	38	9	23				1	3			Damp " " SW
17	7	17	4	37	9	21				1	3			" " " "
18	7	18	4	36	9	19				1	2 <sup>3</sup> / <sub>4</sub>			Rain " " W
19	7	19	4	35	9	17				1	2 <sup>3</sup> / <sub>4</sub>			Damp " " S E
20	7	20	4	34	9	15				1	2 <sup>3</sup> / <sub>4</sub>			" " " N W
21	7	21	4	33	9	13				1	2 <sup>3</sup> / <sub>4</sub>			" " " N E
22	7	22	4	32	9	11				1	2 <sup>3</sup> / <sub>4</sub>			" " " "
23	7	23	4	31	9	9				1	2 <sup>3</sup> / <sub>4</sub>			Rain light wind variable
24	7	23	4	31	9	8				1	2 <sup>3</sup> / <sub>4</sub>			Damp " breeze N E
25	7	23	4	30	9	6				1	2 <sup>3</sup> / <sub>4</sub>	1		Shot fog rain squall N W x W
26	7	24	4	30	9	4				1	2 <sup>2</sup>			Rain light breeze variable
27	7	25	4	29	9	3				1	2 <sup>2</sup>	12		Damp fresh " N E
28	7	26	4	28	9	1				1	2 <sup>2</sup>			" light " variable
29	7	27	4	27	9	0				1	2 <sup>2</sup>			" calm
30	7	28	4	27	8	59				1	2 <sup>2</sup>			Dry light breeze variable
31	7	29	4	26	8	57				1	2 <sup>2</sup>	24	31.00	" " "

Total quantity consumed in the lamp of the Light- . . . . .	GALLONS.	QUARTS.	PINTS.
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	10	2	13/16
Total quantity expended in this month . . . . .	3	1	0
	13	3	13/16

Order of Lens *5 + 6* Kind of Light *7 W + F R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 inch*  
 Written by me— *Jac Loragan* *Jac Loragan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light Houses in the month of *Decr*, 18*57*, 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 light.	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	1	3	3/4		12		Snow fresh wind N-E	
2	4	29	7	10	14	42	1	1	3	3/4				- - - N	
3	4	29	7	11	14	42	1	1	3	3/4				Dense snow light breeze variable	
4	4	29	7	12	14	45	1	1	3	3/4				Snow fresh breeze N	
5															
6															
7	4	28	7	15	14	48	1	1	3	3/4				Snow & pale N-E & N	
8	4	28	7	16	14	49	2	0	0					Damp Calm	
9	4	28	7	17	14	49	2	0	0					- light breeze S	
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															

Total quantity consumed in the lamp of the Light.	3	1	1	2 3/4	12	4	3	1	0	GALLONS.	3	1	1 1/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	4	3	1							4	3	1	
Total quantity expended in this month	7	4	2							7	4	2	0 4/16

Order of Lens *5 + 6* Kind of Light *FM + PR*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/8 inch*  
 Written by me *[Signature]* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Cantonagon Light House, in the month of June, 1867  
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	2 1/4			Dry light breeze variable
2	7	30	4	25	8	55				1	2 1/4			- calm
3	7	31	4	25	8	54				1	2 1/4			-
4	7	32	4	24	8	52				1	2 1/4			- light breeze S W to S.E
5	7	32	4	24	8	52				1	2 1/4			- calm
6	7	33	4	24	8	57				1	2 1/4			Damp fresh wind S.E
7	7	33	4	24	8	50				1	2 1/4			Rain - - - -
8	7	34	4	23	8	49				1	2 1/4			- vary - - - -
9	7	35	4	23	8	48				1	2 1/4			Damp - - - -
10	7	35	4	23	8	47				1	2 1/4			Dry light breeze variable
11	7	36	4	23	8	46				1	2 1/4			- - - -
12	7	36	4	23	8	45				1	2 1/4			- calm
13	7	36	4	23	8	45				1	2 1/4			- light breeze W
14	7	37	4	23	8	44				1	2 1/4			- calm
15	7	38	4	23	8	44				1	2 1/4			- steady breeze S.E
16	7	38	4	23	8	44				1	2 1/4			- calm
17	7	38	4	23	8	45				1	2 1/4			- light breeze variable
18	7	39	4	23	8	45				1	2 1/4			- - - S.E
19	7	39	4	23	8	45				1	2 1/4			- calm
20	7	40	4	23	8	45				1	2 1/4			-
21	7	40	4	23	8	45				1	2 1/4			- light breeze variable
22	7	40	4	23	8	45				1	2 1/4			- - - S.E
23	7	40	4	24	8	45				1	2 1/4			- calm
24	7	40	4	24	8	45				1	2 1/4			- light breeze var
25	7	40	4	25	8	43				1	2 1/4			- - - S.E
26	7	40	4	25	8	43				1	2 1/4			- - - W
27	7	40	4	25	8	43				1	2 1/4			Rain light - variable
28	7	40	4	26	8	45				1	2 1/4			- fresh - W
29	7	40	4	26	8	45				1	2 1/4			Damp light - variable
30	7	40	4	26	8	46				1	2 1/4			Dry - - -
31							9	3	1	0 1/4		14	2.3.10	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	9	3	0 1/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	2	3	1
Total quantity expended in this month	12	2	1 1/4

Order of Lens 5 + 6" Kind of Light W + F R  
 Number of Wicks in burner one Diameter of outer burner 1 1/8 + 1 inch  
 Written by me Jas Logan Jas Logan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light Houses in the month of *July*, 1866, 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.	Gals.	Qts.	Pints.	Gills.				
1	7	40	4	27	8	46					1	2 1/2		dry fresh breeze N.E.
2	7	40	4	27	8	46					1	2 1/2		" " " "
3	7	40	4	28	8	47					1	2 1/2		Rain light breeze variable
4	7	40	4	28	8	48					1	2 1/2		" fresh - W
5	7	39	4	29	8	50					1	2 1/2	12	damp light - variable
6	7	39	4	30	8	50					1	2 1/2		" " " "
7	7	39	4	31	8	51					1	2 1/2		" " " "
8	7	38	4	32	8	52					1	2 1/2		dry Calm
9	7	38	4	33	8	53					1	2 1/2		" " " "
10	7	37	4	33	8	54					1	2 1/2		" " " "
11	7	37	4	33	8	56					1	2 1/2		" light breeze variable
12	7	37	4	34	8	56					1	2 1/2		" calm
13	7	36	4	35	8	58					1	2 1/2		dry rain light breeze variable
14	7	35	4	36	8	1					1	2 1/2		damp light - -
15	7	35	4	37	9	3					1	2 1/2		dry light breeze W
16	7	34	4	37	9	5					1	2 1/2		" fresh - S.W
17	7	33	4	38	9	5					1	2 1/2		" light - W
18	7	33	4	39	9	7					1	2 1/2		" " " variable
19	7	32	4	40	9	9					1	2 1/2		" " " "
20	7	31	4	41	9	11					1	2 1/2		" " " "
21	7	31	4	41	9	12					1	2 1/2	12	Rain fog fresh wind W + S.W
22	7	30	4	42	9	14					1	2 1/2		damp light breeze variable
23	7	29	4	43	9	16					1	2 1/2		" fresh - W
24	7	28	4	44	9	18					1	2 1/2		" calm
25	7	27	4	45	9	20					1	2 1/2		dry steady breeze W
26	7	26	4	46	9	22					1	2 1/2		" " " "
27	7	25	4	47	9	24					1	2 1/2		" calm
28	7	24	4	48	9	26					1	2 1/2		" light breeze variable
29	7	23	4	49	9	27					1	2 1/2		Rain - - -
30	7	22	4	50	9	28					1	2 1/2		" " " S.W
31	7	21	4	51	9	30					1	2 1/2		dry - - - N + N.E

10 0 0 3/4      24 3.3.1.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	10	0	13/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	3	1/4
Total quantity expended in this month . . . . .	13	0	0 1/16

Order of Lens *5 + 6* Kind of Light *S.W + S.W*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/4 inch*  
 Written by me *Geo Logan* Keeper.

*Geo Logan* Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outonagon*

Light Houses, in the month of *Sept*

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	19	1	1	4			12	Dry light wind variable	
2	6	33	5	26	10	53	1	1	1				Damp - - -	
3	6	31	5	27	10	56	1	1	1				Rain - - - W	
4	6	30	5	28	10	59	1	1	1				Damp - - - S W x W	
5	6	29	5	29	11	1	1	1					Rain - - - variable	
6	6	26	5	30	11	4	1	1	1				Damp fresh breeze N W x N	
7	6	25	5	31	11	7	1	1	1 1/4				Dry - - - wind S W	
8	6	23	5	32	11	10	1	1	1 1/4				Smoky - - - -	
9	6	21	5	33	11	12	1	1	1 1/4				Rain light breeze N E	
10	6	19	5	34	11	15	1	1	1 1/4				Damp - - - variable	
11	6	18	5	35	11	18	1	1	1 1/4				Dry - - - N E	
12	6	16	5	36	11	21	1	1	1 1/4				Damp fresh - - -	
13	6	14	5	37	11	23	1	1	1 1/4				- light - - - variable	
14	6	12	5	39	11	26	1	1	1 1/4			12	- - - - N x N E	
15	6	10	5	40	11	29	1	1	1 1/4				- - - -	
16	6	9	5	41	11	32	1	1	1 1/4				- - - -	
17	6	7	5	42	11	34	1	1	1 3/4				- - - - N W	
18	6	5	5	43	11	38	1	1	1 3/4				Light rain fresh wind - - -	
19	6	4	5	44	11	41	1	1	1 3/4				Damp half gale - - -	
20	6	2	5	45	11	44	1	1	1 3/4				- fresh wind S W	
21	6	0	5	46	11	46	1	1	1 3/4				Rain - - - N E	
22	5	58	5	47	11	49	1	1	2				Damp light - variable	
23	5	57	5	48	11	52	1	1	2				- fresh breeze W	
24	5	55	5	50	11	55	1	1	2				Dry vary - - - wind S	
25	5	53	5	51	11	57	1	1	2				- - - - W	
26	5	51	5	52	12	0	1	1	2				Damp fresh wind N W	
27	5	50	5	53	12	3	1	1	2				- steady breeze W	
28	5	48	5	54	12	6	1	1	2 1/4				Dry Hazy calm	
29	5	46	5	55	12	9	1	1	2 1/4			12	- - - -	
30	5	44	5	56	12	12	1	1	2 1/4				- - - fresh breeze N E	
31														

12 12 13 36 3 1 10

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	12	2	13 1/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1
Total quantity expended in this month . . . . .	16	0	0 3/4

Order of Lens *5 + 6* Kind of Light *7 W + 7 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 x 1 inch*  
 Written by me— *Gas Loggan*

*Gas Loggan*

Light-Keeper.  
Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of Oct, 1886, 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	1	2 1/4				Damp light wind N.E.	
2	5	41	5	58	12	18	1	1	2 1/4				Smoky - breeze variable	
3	5	39	5	59	12	20	1	1	2 1/4				- - - N.E.	
4	5	37	6	0	12	23	1	1	2 1/2				- fresh - S.W.	
5	5	35	6	1	12	26	1	1	2 1/2				- - - N.W.	
6	5	33	6	3	12	29	1	1	2 1/2				- - - E.	
7	5	32	6	4	12	31	1	1	2 1/2				Damp light - variable	
8	5	30	6	5	12	34	1	1	2 3/4				- Smoky steady breeze S.W.	
9	5	29	6	6	12	38	1	1	2 3/4				Smoky rain - - -	
10	5	27	6	7	12	40	1	1	2 3/4				- - light - var	
11	5	25	6	8	12	43	1	1	2 3/4				Hazy dry - - N.E.	
12	5	24	6	9	12	45	1	1	3		12		Dense fog + smoke - breeze N	
13	5	22	6	10	12	48	1	1	3				Dry light breeze variable	
14	5	20	6	12	12	51	1	1	3				- - - -	
15	5	19	6	13	12	54	1	1	3				Damp - - - N	
16	5	17	6	14	12	57	1	1	3 1/4				Snow fresh wind N.E.	
17	5	16	6	15	13	0	1	1	3 1/4				- - - N.W.	
18	5	14	6	16	13	2	1	1	3 1/4				- of gale N.E.	
19	5	13	6	17	13	5	1	1	3 1/4				- fresh breeze N.W.	
20	5	11	6	19	13	7	1	1	3 1/4				- - - N	
21	5	9	6	20	13	11	1	1	3 1/4				Damp - - - N	
22	5	8	6	21	13	13	1	1	3 1/4				- fresh - - -	
23	5	7	6	22	13	16	1	1	3 1/4				Snow - - - N & N.W.	
24	5	6	6	23	13	18	1	1	3 1/4				Damp - - - N.W.	
25	5	5	6	24	13	20	1	1	3 1/4				- light - S.E. x S	
26	5	3	6	25	13	21	1	1	3 1/4				- fog - - variable	
27	5	1	6	26	13	24	1	1	3 1/4		12		- - - -	
28	5	0	6	27	13	29	1	1	3 1/2				Rain half gale N.E.	
29	4	58	6	28	13	31	1	1	3 1/2				- - - -	
30	4	57	6	29	13	34	1	1	3 3/4				- fresh wind - -	
31	4	59	6	30	13	37	1	1	3 3/4				- - - N.W.	

Total quantity consumed in the lamp of the Light- . . . . .	14	2	5/8
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1 3/4
Total quantity expended in this month . . . . .	18	0	0 3/8

Order of Lens 5 + 6" Kind of Light 2 W + 2 R  
 Number of Wicks in burner One Diameter of outer burner 1/8 + 1 inch  
 Written by me Jas Corigan Jas Corigan Light-Keeper.  
 Ass't. Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autouagon* Light House in the month of *Novr*, 1886, 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	54	6	33	13	39	1	1	3	3/4				Snow + Rain light wind N.W.	
2	4	53	6	34	13	41	1	1	3	3/4				Rain light wind S.E.	
3	4	51	6	36	13	45	1	1	3	3/4				Damp - - - S.W.	
4	4	50	6	37	13	47	1	1	5	3/4				- fresh breeze N.W.	
5	4	49	6	38	13	49	1	1	3	3/4				Snow - - - A.E.	
6	4	48	6	39	13	54	1	1	3	3/4				Damp light - A.E. & E.S.E.	
7	4	47	6	41	13	55	1	1	5	3/4				Snow. Rain 1/2 gale A.E.	
8	4	46	6	43	13	57	2	0	0					- fresh wind N.W. & N.	
9	4	45	6	44	13	59	2	0	0					Damp calm	
10	4	44	6	46	14	02	2	0	0					Calm. Snow	
11	4	43	6	45	14	04	2	0	1/4		12			Snow steady breeze S.W.	
12	4	42	6	47	14	06	2	0	1/4					- fresh wind N.W.	
13	4	41	6	48	14	08	2	0	1/4					- - - W.	
14	4	40	6	49	14	10	2	0	1/4					Damp light - - - S.	
15	4	39	6	50	14	12	2	0	1/4					- calm	
16	4	38	6	52	14	14	2	0	1/4					- light wind W.	
17	4	37	6	53	14	16	2	0	1/4					- fresh - - - E.	
18	4	36	6	55	14	15	2	0	1/4					Snow very - - - N.W.	
19	4	35	6	56	14	21	2	0	1/2					Damp - - - N.W.	
20	4	34	6	57	14	23	2	0	1/2					- - - N.W. & N.	
21	4	34	6	58	14	24	2	0	1/2					Snow - - - N.W. & E.	
22	4	33	7	0	14	26	2	0	1/2					Damp light - - - S.W.	
23	4	32	7	1	14	28	2	0	1/2					- fresh - - - W.	
24	4	31	7	2	14	30	2	0	1/2					Rain - - - N.E.	
25	4	31	7	3	14	32	2	0	1/2					- - - - -	
26	4	31	7	4	14	33	2	0	1/2	2	12			Snow 1/2 gale W.	
27	4	31	7	5	14	35	2	0	1/2					- fresh wind -	
28	4	30	7	6	14	36	2	0	1/4					- - - - -	
29	4	30	7	7	14	37	2	0	3/4					Damp light breeze -	
30	4	29	7	8	14	39	2	0	3/4					Snow 1/2 gale W.	
31							15	0	1	3	2	24	4	3	0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light House.	15	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	4	3	0 1/4
Total quantity expended in this month	20	0	0

Order of Lens *5 + 6"* Kind of Light *P.N. & P.R.*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/8 + 1 inch*  
 Written by me— *Gas Organ* *Gas Organ* Light-Keeper.  
Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antonagon Light/House, in the month of Decr, 1869, 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	2	0	3/4				Damp fresh wind N	
2	4	29	7	10	14	42	2	0	3/4				Snow light breeze -	
3	4	29	7	11	14	45	2	0	3/4				damp - - - S W	
4	4	29	7	12	14	45	2	0	3/4				Snow fresh - N	
5	4	29	7	14	14	46	2	0	3/4				damp light - S W	
6	4	29	7	14	14	47	2	0	3/4				- - - - -	
7	4	29	7	15	14	48	2	0	3/4				- Calm	
8													- very fresh wind N	
9													- - - - -	
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31							3	0	1 1/4				50.0.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	3	0	1 7/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	5	0	0
Total quantity expended in this month . . . . .	8	0	1 7/16

Order of Lens 5+6 Kind of Light S W + P R  
 Number of Wicks in burner One Diameter of outer burner 1/8 + 1 inch  
 Written by me Gas Loren Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outonagon* Light House in the month of *April*, 1867, 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	6	32	5	32	11	1	1				12			Damp light wind S.W.
8	6	33	5	31	10	58	1	1						- - - -
9	6	34	5	29	10	56	1	1						- - - - variable
10	6	35	5	28	10	52	1	1						- - - - S.E.
11	6	36	5	26	10	49	1	1						- - - -
12	6	37	5	25	10	47	1	3/4						Rain light wind var
13	6	38	5	23	10	44	1	3/4						damp - - - -
14	6	40	5	21	10	41	1	3/4						- - - - S.W.
15	6	41	5	19	10	39	1	3/4						- - - - S.E.
16	6	42	5	17	10	36	1	3/4						- - - -
17	6	43	5	16	10	33	1	3/4						- - - - variable
18	6	44	5	15	10	31	1	3						Rain Snow & gale S.W.
19	6	45	5	13	10	28	1	3						Damp light breeze variable
20	6	47	5	11	10	26	1	3						- - - -
21	6	48	5	9	10	23	1	3						- fresh wind S.E.
22	6	49	5	8	10	21	1	3			12			Dry - - - - S
23	6	50	5	7	10	18	1	3	1					Rain - - - - variable
24	6	51	5	5	10	16	1	2 3/4						Damp light breeze - -
25	6	52	5	4	10	13	1	2 3/4						- fresh wind W
26	6	53	5	2	10	11	1	2 3/4						Dry light breeze variable
27	6	54	5	1	10	7	1	2 3/4						- 1/2 gale S
28	6	55	5	0	10	5	1	2 3/4						Damp fresh wind S.E.
29	6	56	4	59	10	2	1	2 3/4						- very - - - -
30	6	57	4	57	10	0	1	2 3/4						- - - -
31														

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light House . . . . .	8	1	13/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	14/16
Total quantity expended in this month . . . . .	12	0	0 7/16

Order of Lens *5 or 6"* Kind of Light *3 W + 2 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 inch*  
 Written by me *Jas. Morgan* Light-Keeper  
*Jas. Morgan* Ass't Keeper

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cataraugus* Light House, in the month of *May*, 18*67*, 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	2 <sup>3</sup> / <sub>4</sub>		Damp fresh wind N.E
2	7	0	4	54	9	53					1	2 <sup>3</sup> / <sub>4</sub>		- - - - -
3	7	1	4	53	9	51					1	2 <sup>3</sup> / <sub>4</sub>		Dry steady breeze N.W
4	7	2	4	51	9	49					1	2 <sup>3</sup> / <sub>4</sub>		- light - variable
5	7	3	4	50	9	47					1	2 <sup>3</sup> / <sub>4</sub>		Damp fresh wind N.E
6	7	4	4	49	9	44					1	2 <sup>3</sup> / <sub>4</sub>	12	Smoky dry " " S.W
7	7	5	4	48	9	42					1	2 <sup>3</sup> / <sub>4</sub>		" " " " N.E
8	7	6	4	46	9	40					1	2 <sup>3</sup> / <sub>4</sub>		" " " " S.W
9	7	7	4	45	9	38					1	2 <sup>3</sup> / <sub>4</sub>		Hazy - steady - W
10	7	9	4	44	9	35					1	2 <sup>1</sup> / <sub>2</sub>		Dry fresh wind S.W
11	7	10	4	43	9	33					1	2 <sup>1</sup> / <sub>2</sub>		Damp steady breeze N.E
12	7	11	4	42	9	31					1	2 <sup>1</sup> / <sub>2</sub>		- - - - -
13	7	12	4	41	9	29					1	2 <sup>1</sup> / <sub>2</sub>		- - - - -
14	7	13	4	40	9	27					1	2 <sup>1</sup> / <sub>2</sub>		Dry light breeze variable
15	7	14	4	39	9	25					1	2 <sup>1</sup> / <sub>2</sub>		- - - - - S.W
16	7	15	4	38	9	23					1	2 <sup>1</sup> / <sub>2</sub>		- calm -
17	7	16	4	37	9	21					1	2 <sup>1</sup> / <sub>2</sub>		- steady breeze W
18	7	17	4	36	9	19					1	2 <sup>1</sup> / <sub>2</sub>		Damp - - - N.E
19	7	18	4	35	9	17					1	2 <sup>1</sup> / <sub>2</sub>		" light - Sx E + N.E
20	7	19	4	34	9	15					1	2 <sup>1</sup> / <sub>2</sub>	12	Rain fresh wind N.E
21	7	20	4	33	9	13					1	2 <sup>1</sup> / <sub>2</sub>		- light - variable
22	7	21	4	32	9	11					1	2 <sup>1</sup> / <sub>2</sub>		- fresh - N to N.E
23	7	22	4	31	9	9					1	2 <sup>1</sup> / <sub>2</sub>		- - - - -
24	7	23	4	31	9	8					1	2 <sup>1</sup> / <sub>2</sub>		Damp light - variable
25	7	23	4	30	9	6					1	2 <sup>1</sup> / <sub>2</sub>		- - - - -
26	7	24	4	30	9	4					1	2 <sup>1</sup> / <sub>2</sub>		- - - - -
27	7	25	4	29	9	3					1	2 <sup>1</sup> / <sub>2</sub>		Rain fresh - N.E
28	7	26	4	28	9	1					1	2 <sup>1</sup> / <sub>2</sub>		Damp - breeze W
29	7	27	4	27	9	0					1	2 <sup>1</sup> / <sub>2</sub>		Rain light - -
30	7	28	4	27	8	59					1	2 <sup>1</sup> / <sub>2</sub>		Snow rain fresh N.W
31											1	2 <sup>1</sup> / <sub>2</sub>		fresh wind N

3210

10 0 1 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	10	0	1 5/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	1
Total quantity expended in this month . . . . .	13	3	5/16

Order of Lens *5+6* Kind of Light *FR+FR*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 inch*  
 Written by me *Jas. Morgan* Light-Keeper.  
*Jas. Morgan* Ass't Keeper

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light Houses, in the month of *June*, 18*97*, 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				2			Damp fresh breeze N x E	
2	7	30	4	25	8	55	1				2			Rain - - - E x N x NE	
3	7	31	4	25	8	54	1				2			" light - - - W	
4	7	32	4	24	8	52	1				2			" fresh wind N	
5	7	32	4	24	8	52	1				2	12		" light - variable	
6	7	33	4	24	8	51	1				2			Damp - - -	
7	7	33	4	24	8	51	1				2			Rain - - -	
8	7	34	4	23	8	49	1				2			Damp - breeze N E	
9	7	35	4	23	8	48	1				2			Dry fresh - S	
10	7	35	4	23	8	47	1				2			Rain - - -	
11	7	36	4	23	8	46	1				2			Dry light - W	
12	7	36	4	23	8	45	1				2			Rain squall - W	
13	7	37	4	23	8	45	1				2			Dry light breeze variable	
14	7	37	4	22	8	46	1				2			- Calm	
15	7	38	4	23	8	44	1				2			- light breeze N.E	
16	7	38	4	23	8	44	1				2			Rain - - - S E	
17	7	38	4	23	8	43	1				2			Dry + rain - - - N E	
18	7	39	4	23	8	42	1				2	12		Dry steady - E	
19	7	39	4	23	8	42	1				2			Damp light - variable	
20	7	40	4	23	8	43	1				2			- - -	
21	7	40	4	23	8	43	1				2			Dry - - -	
22	7	40	4	23	8	43	1				2			- calm	
23	7	40	4	24	8	43	1				2			Fog -	
24	7	40	4	24	8	43	1				2			Damp light breeze W	
25	7	40	4	24	8	43	1				2			Dry - - - N	
26	7	40	4	25	8	44	1				2			- - - var"	
27	7	40	4	25	8	44	1				2			Rain light wind S	
28	7	40	4	26	8	45	1				2			- fog light wind var"	
29	7	40	4	26	8	45	1				2			Breeze fog calm	
30	7	40	4	26	8	45	1				2			Damp light breeze variable	
31															

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light Houses . . . . .	9	1	1
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	3	1 1/4
Total quantity expended in this month . . . . .	12	0	1 1/4

Order of Lens *5 + 6* Kind of Light *9 N + 7 R*  
 Number of Wicks in burner *one* Diameter of outer burner *1/8 + 1/16 inch*  
 Written by me *Gas Organ* *Gas Organ* Light-Keeper.  
Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light House in the month of *July*, 186*7*, 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.	Gals.	Qts.	Pints.	Gills.				
1	7	40	4	27	8	46					1	2 1/4		Rain light breeze variable
2	7	40	4	27	8	46					1	2 1/4	12	Dry - - -
3	7	40	4	29	8	48					1	2 1/4		- half gale S x W
4	7	40	4	29	8	50					1	2 1/4		- fresh wind W
5	7	39	4	30	8	50					1	2 1/4		- light - - -
6	7	39	4	30	8	51					1	2 1/4		Rain - - - var
7	7	39	4	30	8	52					1	2 1/4		- - - - -
8	7	39	4	31	8	53					1	2 1/4		- squall S x E
9	7	38	4	32	8	55					1	2 1/4		more fog rain calm
10	7	36	4	33	8	54					1	2 1/4		Fog light breeze var
11	7	37	4	33	8	56					1	2 1/4		Damp steady - W
12	7	37	4	34	8	56					1	2 1/4		- - - - -
13	7	36	4	35	8	58					1	2 1/4		Dry light - variable
14	7	35	4	36	8	59					1	2 1/4		- - - - -
15	7	35	4	37	9	01					1	2 1/2		- calm
16	7	54	4	37	9	03					1	2 1/2		- - - - -
17	7	53	4	38	9	05					1	2 1/2		- light breeze variable
18	7	32	4	40	9	05					1	2 1/2	12	- - - - - S E
19	7	32	4	40	9	7					1	2 1/2		- - - - - S
20	7	31	4	41	9	9					1	2 1/2		- - - - - S x W
21	7	31	4	41	9	11					1	2 1/2		- - - - - W
22	7	30	4	42	9	13					1	2 1/2		Rain fresh wind -
23	7	29	4	43	9	14					1	2 1/4		damp light breeze var
24	7	28	4	44	9	16					1	2 1/4		Rain calm
25	7	27	4	45	9	18					1	2 1/4		- - - - -
26	7	25	4	47	9	20					1	2 1/4		- - - - -
27	7	25	4	47	9	22					1	2 1/4		Dry light breeze var
28	7	24	4	48	9	24					1	2 1/4		- calm
29	7	23	4	49	9	26					1	2 1/4		Rain light wind W
30	7	22	4	50	9	28					1	3		Damp - - - - -
31	7	21	4	51	9	30					1	3		- - - - - S E

Total quantity consumed in the lamp of the Light- . . . . .	10 0 1 0 3/4	24	23 10
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 . . . . .	10 0 1 0 3/4	24	23 10

Order of Lens *A + 6* Kind of Light *P.M. & R*  
 Number of Wicks in burner *4* Diameter of outer burner *1 1/4 + 1/2* inches  
 Written by me— *Jas. Morgan* Light-Keeper.  
*Jas. Morgan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outonagon* Light House, in the month of *August*, 18*97*, 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	52	9	32			1		3				Dry light breeze S W
2	7	19	4	53	9	35			1		3		12		Light rain light - variable
3	7	18	4	54	9	37			1		3				Dry light breeze N x E
4	7	17	4	55	9	39			1		3				- - - variable
5	7	16	4	56	9	41			1		3				- - - N
6	7	14	4	57	9	43			1		3 1/2				- - - variable
7	7	13	4	58	9	46			1		3 1/4				Rain - - - N x E
8	7	12	4	59	9	48			1		5 1/4				Dry - - - variable
9	7	11	5	0	9	50			1		5 1/4				Rain - - - -
10	7	12	5	2	9	53			1		3 1/4				Dry steady - - - N W x N
11	7	8	5	3	9	55			1		3 1/4				- - - N
12	7	6	5	4	9	57			1		3 1/2				- light - - - variable
13	7	4	5	5	9	59			1		5 1/2				- steady - - - S
14	7	3	5	6	10	02			1		3 1/2				- light - - - variable
15	7	2	5	7	10	05			1		3 1/2				Rain fresh wind N E
16	7		5	8	10	7			1		3 1/2				Damp light breeze N
17	6	59	5	9	10	10			1		3 3/4		12		Rain - - - N E
18	6	57	5	10	10	13			1		5 3/4				- - - -
19	6	56	5	11	10	16			1		5 1/4				Damp - - - variable
20	6	55	5	12	10	18			1		3 3/4				- - - -
21	6	53	5	13	10	21			1		3 3/4				Rain fresh - - - N E
22	6	57	5	14	10	23			1		3 3/4				Damp - - - -
23	6	49	5	15	10	26			1		1				- light - - - N
24	6	48	5	17	10	28			1		1				- - - variable
25	6	46	5	18	10	31			1		1				Dry fresh - - - S
26	6	45	5	19	10	34			1		1				- - - wind S x N
27	6	43	5	20	10	36			1		1				- light breeze N.
28	6	41	5	21	10	39			1		1				Damp - - - variable
29	6	42	5	23	10	41			1		1 1/4				- very fresh wind N
30	6	38	5	23	10	45			1		1 1/4				- - - -
31	6	40	5	24	10	48			1		1 1/4				- light breeze variable

Total quantity consumed in the lamp of the Light House	11	3	1 13/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	3	2	0
Total quantity expended in this month	15	1	1 13/16

Order of Lens *5 + 6* Kind of Light *9 M + 7 R*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/8 + 1*  
 Written by me— *Jas. Corigan* Light-Keeper.  
*Jas. Corigan* Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outonagon Light House, in the month of Sept, 1897, 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	1/4					Damp steady breeze E
2	6	33	5	26	10	52	1	1	1/4					Dry Calm
3	6	31	5	25	10	55	1	1	1/4			12		- fresh wind S
4	6	30	5	27	10	58	1	1	1/2					- dry - - -
5	6	28	5	28	11	01	1	1	1/2					Rain light wind var
6	6	26	5	30	11	05	1	1	1/2					- - - -
7	6	25	5	31	11	07	1	1	1/2					Dry light breeze S
8	6	23	5	32	11	10	1	1	1/2					- fresh - - -
9	6	21	5	33	11	13	1	1	3/4					Rain - - - var
10	6	19	5	34	11	16	1	1	3/4					damp light - - -
11	6	18	5	35	11	18	1	1	3/4					Dry - - - -
12	6	16	5	36	11	21	1	1	1/2					- Calm
13	6	14	5	37	11	24	1	1	1					- light breeze var
14	6	12	5	39	11	27	1	1	1					- fresh - S
15	6	10	5	40	11	30	1	1	1					Rain Calm
16	6	9	5	41	11	32	1	1	1					Dry fresh wind W
17	6	7	5	42	11	35	1	1	1					Damp - - - -
18	6	5	5	43	11	38	1	1	1/4					- - - -
19	6	4	5	44	11	40	1	1	1/4			12		- - - - W
20	6	2	5	45	11	43	1	1	1/4					- light - S.W
21	6		5	46	11	46	1	1	1/4					Dry fresh - W
22	5	58	5	47	11	49	1	1	1/4					- light - variable
23	5	56	5	48	11	52	1	1	1/4					- Calm
24	5	54	5	49	11	55	1	1	1/4					- - - -
25	5	53	5	50	11	57	1	1	1/4					- light wind W
26	5	51	5	51	12		1	1	1/4					- - - -
27	5	50	5	52	12	03	1	1	1/4					- - - -
28	5	48	5	54	12	06	1	1	1/4					- Hazy Calm
29	5	46	5	55	12	09	1	1	1/4					- - - light breeze SW x W
30	5	44	5	56	12	12	1	1	1/4					- - - - var
31														

Total quantity consumed in the lamp of the Light- <u>House</u> . . . . .	12	0	1
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1/4
Total quantity expended in this month . . . . .	15	3	0 1/4

Order of Lens 5 + 6 Kind of Light 7 W + 7 R  
 Number of Wicks in burner one Diameter of outer burner 1/8 + 1 Inch  
 Written by me Gas Logan Light-Keeper.  
Gas Logan Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutoragon* Light House, in the month of *Oct*, 1887, 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	1	1	3/4		12		Dry fresh wind N E
2	5	41	5	58	12	17	1	1	1	3/4				" Hazy light wind S
3	5	40	5	59	12	19	1	1	1	3/4				" Smoky - - -
4	5	39	6		12	21	1	1	1	3/4				Rain - Calm
5	5	38	6	1	12	23	1	1	1	3/4				- - light breeze S
6	5	40	6	2	12	25	1	1	1	3/4				Rain fresh - variable
7	5	32	6	4	12	31	1	1	1	3/4				damp steady - S.E
8	5	30	6	5	12	34	1	1	1	2				- light NW
9	5	29	6	6	12	38	1	1	1	2				- light - SW
10	5	27	6	7	12	40	1	1	1	2				Rain calm
11	5	25	6	8	12	43	1	1	1	2				- fresh breeze SW
12	5	24	6	9	12	45	1	1	1	2				damp very - wind W
13	5	22	6	10	12	48	1	1	1	2 1/4				- light breeze var
14	5	20	6	12	12	51	1	1	1	2 1/4				Dry - - -
15	5	19	6	13	12	53	1	1	1	2 1/4				Rain fresh - W
16	5	17	6	14	12	55	1	1	1	2 1/4		12		damp very - - NW & W
17	5	16	6	15	12	57	1	1	1	2 1/4				Dry Calm
18	5	15	6	16	12	59	1	1	1	2 1/4				Rain light wind S
19	5	14	6	17	13	1	1	1	1	2 1/4				- - variable
20	5	12	6	19	13	5	1	1	1	2 1/4				- - - -
21	5	9	6	20	13	9	1	1	1	2 1/4				- - - -
22	5	8	6	21	13	13	1	1	1	2 1/4				Damp - - -
23	5	7	6	23	13	15	1	1	1	2 1/4				Hazy dry calm
24	5	6	6	25	13	19	1	1	1	2 1/4				- - - -
25	5	4	6	26	13	21	1	1	1	2 1/4				- - - -
26	5	2	6	27	13	24	1	1	1	2 1/4				- - - -
27	5	1	6	28	13	26	1	1	1	2 3/4				Damp light breeze S
28	5	0	6	29	13	28	1	1	1	2 1/4				- - - var
29	5	59	6	30	13	30	1	1	1	2 1/4				Snow - - - S
30	5	57	6	31	13	34	1	1	1	2 1/4		12		Damp - - - var
31	5	55	6	32	13	37	1	1	1	2 1/4				- - - W

Total quantity consumed in the lamp of the Light- . . . . .	13	3	1/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	5	-	1 1/4
Total quantity expended in this month . . . . .	18	1	1 1/2

Order of Lens *J + 6* Kind of Light *7 W 7 R*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/8 + 1 inch*  
 Written by me *Jas Logan* Light-Keeper.  
*Jas Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon* Light Houses, in the month of *Novr*, 1867, 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	54	6	33	13	39	0	1	1	3				Light rain very light breeze N.E
2	4	53	6	34	13	41		1	1	3				Damp light breeze var
3	4	57	6	36	13	45		1	1	3				fresh - N.E
4	4	50	6	37	13	47		1	1	3				Rain - - - -
5	4	49	6	38	13	49		1	1	3				Snow - - - -
6	4	48	6	39	13	51		1	1	3/4				Damp calm
7	4	47	6	41	13	53		1	1	3/4				- - - -
8	4	46	6	42	13	55		1	1	3/4				- light breeze S.W
9	4	45	6	43	13	59		1	1	3/4				- - - variable
10	4	44	6	44	14	1		1	1	3/4				Rain steady - N.E
11	4	45	6	45	14	4		1	1	3/4				Snow fresh wind N.W
12	4	42	6	47	14	6		2	0	0				- very - - - -
13	4	41	6	48	14	8		2	0	0				Damp light wind variable
14	4	40	6	49	14	10		2	0	0		12		- - - -
15	4	39	6	50	14	12		2	0	0				Snow fresh - N.E
16	4	38	6	52	14	14		2	0	0				Damp - - variable
17	4	37	6	53	14	16		2	0	0				- light - - -
18	4	36	6	55	14	18		2	0	1/2				Snow - - - -
19	4	35	6	56	14	21		2	0	1/2				Calm
20	4	34	6	57	14	23		2	0	1/2				try calm
21	4	34	6	58	14	24		2	0	1/2				Fresh wind N.W & W
22	4	33	7	0	14	26		2	0	1/2				Snow fresh wind variable
23	4	32	7	1	14	29		2	0	1/2				Damp - - N.W
24	4	31	7	2	14	30		2	0	1/2				- - - W
25	4	31	7	3	14	32		2	0	1/2				- light - S
26	4	31	7	4	14	33		2	0	1/2		12		Snow fresh - N.W.
27	4	31	7	5	14	34		2	0	1/2				damp light - var
28	4	30	7	6	14	36		2	0	1/2				Snow fresh - - -
29	4	30	7	7	14	37		2	0	1/2				- - - -
30	4	29	7	8	14	38		2	0	1/2				- - - N.W
31														- - - var

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	14	2	0 7/8
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	4	3	1
Total quantity expended in this month . . . . .	18	1	1 7/8

Order of Lens *576* Kind of Light *PM + FR*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 + 1/16*  
 Written by me - *W. S. Morgan* Light-Keeper.  
*W. S. Morgan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outonagon Light House, in the month of March, 1888, 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.	Gals.	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														
23														
24	6	16	5	57	11	39	1	1	1/4		12			damp light wind SW
25	6	17	5	55	11	37	1	1	1/4					- - - -
26	6	19	5	53	11	34	1	1	1/4					Rain - - - W
27	6	20	5	57	11	31	1	1	1/4					- - - SW
28	6	21	5	49	11	28	1	1	1/4					Snow 1/2 gale N+SW
29	6	22	5	48	11	26	1	1						- - - N
30	6	23	5	46	11	23	1	1						Damp light breeze -
31	6	24	5	44	11	20	1	1						- - - variable

Total quantity consumed in the lamp of the Light- . . . . .	3	0	0	1/4	12	37	1.0	GALLONS.	QUARTS.	PINTS.
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .								6	2	1 7/16
Total quantity expended in this month . . . . .								6	2	1 7/16

Order of Lens 5+6 Kind of Light FR+FR  
 Number of Wicks in burner One Diameter of outer burner 1 1/4 + 1/2 inch  
 Written by me Jas. Morgan Jas. Morgan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of April, 1888, 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	25	5	43	11	18		1	1					Damp steady breeze N.E.
2	6	26	5	41	11	14		1	1					- - - -
3	6	27	5	39	11	12		1	1					- light - - -
4	6	28	5	39	11	9		1	1					Snow - - -
5	6	29	5	36	11	6		1	3/4					Damp - - - W
6	6	31	5	34	11	4		1	3/4					- - - N
7	6	32	5	32	11	1		1	3/4					- - - E
8	6	33	5	31	10	58		1	3/4					- - - S W
9	6	34	5	29	10	56		1	3/4		12			Fog - - - W
10	6	35	5	28	10	52		1	3/4					- - - -
11	6	36	5	27	10	49		1	3/4					Damp - - - variable
12	6	37	5	26	10	47		1	3/4					" " " N.E.
13	6	38	5	25	10	44		1	3/4					" Steady - - - N W
14	6	40	5	23	10	41		1	3/4					" - - - S E
15	6	41	5	21	10	39		1	3/4					- - - variable
16	6	42	5	19	10	36		1	3/4					Dry light - - - N.E.
17	6	43	5	17	10	33		1	3/4					- - - W
18	6	44	5	15	10	31		1	3/4					Damp Steady - - - N.E.
19	6	45	5	13	10	28		1	3/4					Snow + Rain light breeze - -
20	6	47	5	11	10	26		1	3/4					Damp steady breeze W
21	6	48	5	9	10	23		1	5/4					Rain light - - - variable
22	6	49	5	8	10	21		1	3					Damp - - - N.E.
23	6	50	5	7	10	18		1	3		12			- - - -
24	6	51	5	5	10	16		1	3					- - - -
25	6	52	5	4	10	13		1	3					- very fresh wind N.E.
26	6	53	5	2	10	11		1	3					Dry light breeze - -
27	6	54	5	1	10	8		1	3					- fresh - - - S W
28	6	55	5	0	10	4		1	2 3/4					- - - variable
29	6	56	4	59	10	1		1	2 3/4					- very - - - S W
30	6	57	4	57	9	59		1	2 3/4					Rain light - - - S
31														

10 2 1 13/4 24 3.3.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	10	2	1 3/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	1 4/16
Total quantity expended in this month . . . . .	14	1	7 1/16

Order of Lens 5 + 6 Kind of Light 4 W + IR  
 Number of Wicks in burner five Diameter of outer burner 1 1/2 + 1 inch  
 Written by me Jas Logan Light-Keeper.  
Jas Logan Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chamneys expended daily at Autonagon Light Houses, in the month of May, 1888  
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				2 3/4			Rain fog calm
2	7	0	4	54	9	53	1				2 3/4			damp fresh wind N.E
3	7	1	4	53	9	51	1				2 1/2			" light - variable
4	7	2	4	51	9	49	1				2 1/2			dry - - W
5	7	3	4	50	9	47	1				2 1/2			" fresh - N.W
6	7	4	4	49	9	44	1				2 1/2			- light - N.N.W
7	7	5	4	47	9	42	1				2 1/2	12		- - - W
8	7	6	4	46	9	40	1				2 1/2			damp - - S.W
9	7	7	4	45	9	38	1				2 1/4			dry calm
10	7	9	4	44	9	35	1				2 1/4			- light breeze S.W
11	7	10	4	43	9	33	1				2 1/4			Rain fresh wind W
12	7	11	4	42	9	31	1				2 1/4			damp light breeze var
13	7	12	4	41	9	29	1				2 1/4			" " " "
14	7	13	4	40	9	27	1				2 1/4			" calm
15	7	14	4	39	9	25	1				2			dry - -
16	7	15	4	38	9	23	1				2			- light breeze var
17	7	16	4	37	9	21	1				2			- - - S
18	7	17	4	36	9	19	1				2			Rain - - var
19	7	18	4	35	9	17	1				2			- calm
20	7	19	4	34	9	15	1				2			damp fresh breeze N.E
21	7	20	4	33	9	13	1				2			Rain calm
22	7	21	4	32	9	11	1				2	12		- fresh breeze W
23	7	22	4	31	9	9	1				1 3/4			- light - variable
24	7	23	4	31	9	7	1				1 3/4			- fog fresh - N.E
25	7	23	4	50	9	6	1				1 3/4			- light breeze - -
26	7	24	4	50	9	4	1				1 3/4			damp - - var
27	7	25	4	29	9	3	1				1 1/2			Rain of fog - - -
28	7	26	4	18	9	1	1				1 1/2			damp fresh - N.E
29	7	27	4	28	9	0	1				1 1/2			dry light breeze W
30	7	28	4	27	8	59	1				1 1/2			- - - var
31	7	29	4	27	8	57	1				1 1/2			Rain - - -

9 3 0 1 3/4 24 3 1 1 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light Houses. . . . .	9	3	7 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1
Total quantity expended in this month . . . . .	13	0	17 1/2

Order of Lens 5+6 Kind of Light 7 W + 7 R  
 Number of Wicks in burner one Diameter of outer burner 1 1/8 + 1 inch  
 Written by me Jas Cosgan

Jas Cosgan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light House, in the month of *June*, 189*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	7	29	4	58	8	55	1							Rain squall W
2	7	30	4	25	8	55	1							" wind light + variable
3	7	31	4	25	8	54	1							" very fresh breeze S
4	7	32	4	24	8	52	1							" light wind var
5	7	32	4	24	8	52	1							" Fog steady breeze E
6	7	33	4	23	8	51	1					12		" - light - var"
7	7	33	4	23	8	50	1							" - - -
8	7	34	4	23	8	49	1							" - - -
9	7	35	4	23	8	48	1							Damp fresh - N.E
10	7	36	4	23	8	47	1							Rain calm
11	7	37	4	23	8	46	1							Fog "
12	7	37	4	23	8	45	1							" "
13	7	38	4	23	8	45	1							Rain + fog calm
14	7	38	4	23	8	44	1							Dry calm
15	7	39	4	23	8	44	1							" steady breeze N.E
16	7	39	4	23	8	44	1							" - - -
17	7	39	4	23	8	43	1							" light - var"
18	7	39	4	23	8	43	1							" - - -
19	7	39	4	23	8	43	1							" calm
20	7	40	4	23	8	43	1							Damp fresh breeze N.E
21	7	40	4	23	8	43	1							Dry light - - - N.W
22	7	40	4	23	8	43	1							" - - - variable
23	7	40	4	24	8	43	1							" - - -
24	7	40	4	24	8	43	1					12		Rain fresh wind N.E
25	7	40	4	24	8	43	1							" - - -
26	7	40	4	25	8	43	1							Damp light - W
27	7	40	4	25	8	43	1							Rain - breeze variable
28	7	40	4	26	8	43	1							Dry - - - N.E
29	7	40	4	26	8	43	1							Rain fresh - W
30	7	40	4	26	8	46	1							Dry - - -
31														

7 3 1 3

24 38 1.2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	8	3	1 1/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	1 1/2
Total quantity expended in this month . . . . .	12	3	0 3/4

Order of Lens *J + 6* Kind of Light *FR + FR*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 + 1 inch*  
 Written by me *Jas Logan* Light-Keeper.  
*Jas Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of July, 1867, 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				Rain steady breeze E
2	7	40	4	27	8	46	1			1/2				Dry - - - S
3	7	40	4	28	8	47	1			1/2				Rain light - var
4	7	40	4	29	8	48	1			1/2				Dry steady breeze N.E
5	7	39	4	29	8	50	1			1/4				- - - - var
6	7	39	4	30	8	50	1			1/4		12		Rain fresh wind S
7	7	39	4	31	8	57	1			1/4				Dry light - N.E
8	7	38	4	32	8	52	1			1/4				- - - - -
9	7	38	4	32	8	53	1			1/4				- - - - -
10	7	37	4	33	8	54	1			1/4				- - - - -
11	7	37	4	34	8	58	1			1/4				- Steady - S
12	7	37	4	34	8	58	1			1/4				Rain light - var
13	7	36	4	35	8	58	1			1/4				- - - - -
14	7	36	4	36	8	59	1			1/4				Dry Calm
15	7	35	4	37	9	1	1			1/4				- light breeze S
16	7	34	4	37	9	3	1			1/4				- - - - var
17	7	33	4	38	9	5	1			1/4				- Calm
18	7	33	4	39	9	5	1			1/4		12		- lt breeze var
19	7	32	4	40	9	5	1			1/4				- - - - -
20	7	31	4	41	9	7	1			1/4				- fresh - W
21	7	31	4	41	9	9	1			2				- lt breeze S
22	7	30	4	42	9	11	1			2				- - - - var
23	7	30	4	43	9	15	1			2				Rain - - - -
24	7	29	4	44	9	15	1			2				- - - - -
25	7	29	4	45	9	16	1			2				Dry - - - W
26	7	27	4	46	9	17	1			2				- - - - var
27	7	26	4	47	9	19	1			2				Cyclone rain W
28	7	25	4	48	9	20	1			2				- - - - -
29	7	25	4	49	9	24	1			2 1/4				Dry light breeze -
30	7	22	4	50	9	28	1			2 1/4				damp - - - var
31	7	21	4	51	9	30	1			2 1/4				- - - - N.E

Total quantity consumed in the lamp of the Light. <u>Hours</u> . . . . .	9	2	0 3/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	3	1 1/4
Total quantity expended in this month . . . . .	12	1	1 7/16

Order of Lens 5 + 6 Kind of Light 7 yr + 9 R  
 Number of Wicks in burner one Diameter of outer burner 1 1/2 + 1 inch  
 Written by me Jas Morgan Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at Octagon Light House, in the month of August, 1868, 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				2 1/4				Dry light breeze W
2	7	19	4	53	9	35				2 1/2				- calm
3	7	18	4	54	9	37				2 1/2		12		- light breeze variable
4	7	17	4	55	9	39				2 1/2				- - - -
5	7	16	4	56	9	41				2 1/2				- - - -
6	7	14	4	57	9	43				2 1/2				Rain - - -
7	7	13	4	58	9	44				2 1/2				Dry steady - W
8	7	12	4	59	9	48				2 1/2				damp light breeze var
9	7	11	5	0	9	50				2 1/2				Rain - - -
10	7	10	5	2	9	53				2 1/4				- - - -
11	7	8	5	3	9	55				2 1/4				Dry calm
12	7	6	5	4	9	57				2 1/4				- light breeze, var
13	7	4	5	5	10	0				2 1/4				- - - -
14	7	3	5	6	10	2				2 1/4				Damp steady - N.W
15	7	2	5	7	10	5				2 1/4				Rain light - variable
16	7	0	5	8	10	7				2 1/4				- steady - W
17	6	59	5	9	10	10				3				dry light - N.E
18	6	57	5	10	10	13				3		12		- - - S
19	6	56	5	11	10	16				3				- - - variable
20	6	55	5	12	10	18				3				- - - -
21	6	53	5	13	10	21				3				- - - N x E
22	6	52	5	14	10	23				3				Rain calm
23	6	51	5	15	10	26				3 1/4				Damp fresh breeze N.E
24	6	49	5	17	10	28				3 1/4				Fog rain light - - -
25	6	48	5	18	10	31				3 1/4				Rain calm
26	6	46	5	19	10	34				3 1/4				Damp steady breeze N.E
27	6	45	5	20	10	36				3 1/4				- light - - -
28	6	43	5	21	10	39				3 1/4				dry - - - W
29	6	41	5	22	10	42				3 1/2				- - - vari
30	6	40	5	23	10	44				3 1/2				Rain - - - N.E
31	6	39	5	24	10	46				3 1/2				dry - - - -

Total quantity consumed in the lamp of the Light- . . . . .	10	3	0	3/2	24	3	0	10	GALLONS.	QUARTS.	PINTS.
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .									3	0	1
Total quantity expended in this month . . . . .									13	3	1 1/2

Order of Lens 5 + 6 Kind of Light 9 W + 7 R  
 Number of Wicks in burner five Diameter of outer burner 1 1/8 + 1 inch  
 Written by me— Jos. Corgan Light-Keeper.  
 Ass't. Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antigonon* Light House in the month of *Sept*, 1868  
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	25	6	35	10	49	1			3/4				Rain Calm	
2	5	26	6	33	10	53	1			3/4		12		dry	
3	5	27	6	31	10	56	1			3/4				1/2 gale W	
4	5	28	6	30	10	59	1			3/4				damp fresh wind W	
5	6	28	5	29	11	1	1			3/4				- - -	
6	6	26	5	30	11	4	1			3/4				Rain - - variable	
7	6	25	5	31	11	7	1			3/4				- 1/2 gale W	
8	6	23	5	32	11	10	1			3/4				damp fresh wind W	
9	6	21	5	33	11	12	1	1						- - - var	
10	6	19	5	32	11	15	1	1						- - -	
11	6	18	5	35	11	18	1	1						dry Calm	
12	6	16	5	36	11	21	1	1						Rain light breeze var	
13	6	14	5	37	11	23	1	1	1/4					damp - - W	
14	6	12	5	37	11	26	1	1	1/4					Rain Calm	
15	6	10	5	40	11	29	1	1	1/4					- light wind S	
16	6	9	5	41	11	32	1	1	1/4			12		dry - - -	
17	6	8	5	42	11	34	1	1	1/4					Rain Calm	
18	6	4	5	43	11	38	1	1	1/4					Smoky dry fresh wind W	
19	6	2	5	44	11	41	1	1	1/4					- - -	
20	6	1	5	45	11	44	1	1	1/4					- - light - -	
21	6	0	5	46	11	46	1	1	1/4					- - - N.E.	
22	5	58	5	47	11	49	1	1	1/4					- - dry fresh - - -	
23	5	57	5	48	11	52	1	1	1/4					- - - - -	
24	5	55	5	48	11	55	1	1	3/4					- - light wind W	
25	5	53	5	50	11	57	1	1	3/4					- - - - -	
26	5	51	5	51	12	0	1	1	3/4					dry light wind W	
27	5	50	5	52	12	3	1	1	3/4					- - - variable	
28	5	48	5	54	12	6	1	1	3/4					Steady breeze N.E.	
29	5	46	5	53	12	9	1	1	1					Rainstorm very fresh wind S.W	
30	5	44	5	56	12	12	1	1	1					dry steady breeze variable	
31															

Total quantity consumed in the lamp of the Light.	11	1	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	3	2	0
Total quantity expended in this month	14	3	1 3/4

Order of Lens *5 8 6* Kind of Light *2 M + 2 R*  
 Number of Wicks in burner *four* Diameter of outer burner *1 1/8 inch*  
 Written by me *W. S. Morgan* *W. S. Morgan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Light Houses in the month of Oct, 1868, 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	07	15	39	1	1	1 1/2			12	Dry 1/2 gale S	
2	5	41	5	59	18	41	1	1	1 1/2				" fresh wind S	
3	5	39	5	59	18	45	1	1	1 1/2				Damp " " N 1/2 NW	
4	5	37	6	0	18	47	1	1	1 1/2				Rain " " NW	
5	5	35	6	1	18	49	1	1	1 1/2				Damp light breeze var	
6	5	33	6	3	13	51	1	1	1 1/2				" steady " W	
7	5	32	6	4	18	54	1	1	1 1/2				" fresh " "	
8	5	30	6	5	13	57	1	1	1 1/2				" light " var	
9	5	29	6	6	13	59	1	1	1 1/2				" Calm	
10	5	27	6	7	14	1	1	1 1/2					Dry fresh wind S	
11	5	25	6	8	14	4	1	1	1 1/2				Damp 1/2 gale W	
12	5	24	6	9	14	6	1	1	1 1/2				" light breeze var	
13	5	22	6	10	14	8	1	1	1 1/2				" very fresh " W	
14	5	20	6	12	14	10	1	1	1 1/2				Snow light wind N.E	
15	5	19	6	13	14	12	1	1	2			12	Rain light breeze E	
16	5	17	6	14	14	14	1	1	2				" " " S	
17	5	16	6	15	13	0	1	1	2				" " " var	
18	5	14	6	16	13	2	1	1	2				damp - - -	
19	5	13	6	17	13	5	1	1	2				Calm	
20	5	11	6	19	13	7	1	1	2 1/4				Rain Calm	
21	5	9	6	20	13	11	1	1	2 1/4				" very fresh wind N.E x W	
22	5	8	6	21	13	13	1	1	2 1/4				damp fresh wind N.E to NW	
23	5	7	6	22	13	16	1	1	2 1/4				Rain light - S	
24	5	6	6	23	13	18	1	1	2 1/4				damp fresh - N.E	
25	5	4	6	25	13	21	1	1	2 1/4				" " " " "	
26	5	2	6	26	13	24	1	1	2 1/4				Rain " " " "	
27	5	1	6	27	13	26	1	1	2 1/4				damp light - W	
28	5	0	6	28	13	29	1	1	2 1/4				" " " S	
29	4	58	6	30	13	31	1	1	2 1/4				Rain fresh - N.E	
30	4	57	6	31	13	34	1	1	2 1/4				Damp very " " "	
31	4	55	6	32	13	37	1	1	2 1/4					

Total quantity consumed in the lamp of the Light- . . . . .	13	2	0 1/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	1 1/4
Total quantity expended in this month . . . . .	17	0	1 1/16

Order of Lens 5 + 6 Kind of Light 2 W + 7 R  
 Number of Wicks in burner four Diameter of outer burner 1 1/2 inch  
 Written by me— W. C. Logan Light-Keeper.  
W. C. Logan Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light Houses in the month of Nov, 1888, 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 Ligat-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	54	6	34	13	31		1	1	2 3/4		12		Damp fresh wick W	
2	4	53	6	36	13	31		1	1	2 3/4				- light - var	
3	4	51	6	37	13	45		1	1	3				- - - S	
4	4	50	6	38	13	47		1	1	3				Rain fresh - SW	
5	4	49	6	39	13	49		1	1	3				Damp light - S	
6	4	48	6	41	13	51		1	1	3				Snow fresh - W	
7	4	47	6	42	13	54		1	1	3				Damp light - var	
8	4	46	6	43	13	57		1	1	3 1/2				- - - -	
9	4	45	6	44	13	59		1	1	3 1/2				Dry - - - S	
10	4	44	6	45	14	1		1	1	3 1/2		12		- - - - SW	
11	4	43	6	47	14	4		1	1	3 1/2				Damp - - - SW	
12	4	42	6	48	14	6		1	1	3 1/2				- - - - W	
13	4	41	6	49	14	8		1	1	3 1/2				Rain + snow wick fresh W	
14	4	40	6	50	14	10		1	1	3 1/2				Damp - - - -	
15	4	39	6	52	14	12		1	1	3 1/2				Hazy wick light -	
16	4	38	6	53	14	14		1	1	3 1/2				Damp fresh wick -	
17	4	37	6	55	14	16		1	1	3 1/2				- light - S	
18	4	36	6	56	14	18		1	1	3 1/2				- - - - SW	
19	4	35	6	57	14	21		1	1	3 1/2				- - - - S	
20	4	34	6	58	14	23		1	1	3 1/2				Rain fresh - S + W	
21	4	34	6	59	14	24		1	1	3 1/2				- + Snow / gale N Ex N to N	
22	4	33	7	0	14	26		1	1	3 1/2				Snow fresh wick W	
23	4	32	7	1	14	28		1	1	3 1/2		12		- light - W x S	
24	4	31	7	2	14	30		1	1	3 1/2				Damp - - - S	
25	4	31	7	3	14	32		1	1	3 1/2				Snow fresh - N.W.	
26	4	31	7	4	14	33		1	1	3 1/2				Damp light - S	
27	4	31	7	5	14	35		1	1	3 1/2				- - - - SW	
28	4	30	7	6	14	36		2	0	0				Snow - - - S	
29	4	30	7	7	14	37		2	0	0				- - - - SW	
30	4	29	7	8	14	39		2	0	0				- - - - S	
31															

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	14	1	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	4	3	1 1/4
Total quantity expended in this month . . . . .	19	1	1

Order of Lens 5 + 6 Kind of Light 7 M + 9 R  
 Number of Wicks in burner Two Diameter of outer burner 1 1/2 + 1 inch  
 Written by me Justus Worgan Light-Keeper.  
Justus Worgan Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon* Light House, in the month of *Dec*, 186*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	4	29	7	9	14	41	2	0	0					Snow light brass bar
2	4	29	7	10	14	42	2	0	0					- - - W
3	4	29	7	11	14	42	2	0	1/4					- - - W x S
4	4	29	7	12	14	45	2	0	1/4					- - - S W
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
April 1899														
24	6	57	5	5	10	16	1		3/4					Damp light brass bar
25	6	52	5	4	10	13	1		3/4					" " " "
26	6	53	5	2	10	11	1		3/4					" light - E & W
27	6	54	5	1	10	8	1		3/4					Cozy Rain & brass bar
28	6	55	5	0	10	4	1		3/4					Damp " " S W
29	6	56	5	59	10	1	1		3					" " " N.E
30	6	57	5	57	9	59	1		3					" fresh - " "
31							2	0	1	2/4				

2 0 0 1/4      5.6.0.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	2	0	1/8
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	5	0	1/4
Total quantity expended in this month . . . . .	7	0	3/8

Order of Lens *5+6* Kind of Light *W + S R*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 + 1 inch*  
 Written by me *J. S. Logan* Light-Keeper.  
*J. S. Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Light Houses in the month of May, 1869, 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	57	4	55	9	56				1	3			Rain fresh wind N.E
2	7	0	4	54	9	53				1	3			Damp
3	7	1	4	53	9	51				1	3			Dry very - - S
4	7	2	4	51	9	49				1	3			Damp light - var
5	7	3	4	50	9	47				1	2 3/4			" Steady breeze N.E
6	7	4	4	49	9	44				1	2 3/4			Dry " - W
7	7	5	4	48	9	42				1	2 3/4			Damp light " var
8	7	6	4	46	9	48				1	2 3/4			Dry Calm
9	7	7	4	45	9	38				1	2 3/4			Light rain light breeze var
10	7	9	4	44	9	35				1	2 3/4			Rain " " "
11	7	10	4	43	9	33				1	2 3/4			" calm
12	7	11	4	42	9	31				1	2 1/2			Light rain steady breeze W
13	7	12	4	41	9	29				1	2 1/2			Damp fresh wind N.E
14	7	13	4	40	9	27				1	2 1/2		12	" light " W
15	7	14	4	39	9	25				1	2 1/2			Hail snow + rain fresh wind N.E
16	7	15	4	38	9	23				1	2 1/2			Rain light wind variable
17	7	16	4	37	9	21				1	2 1/2			" fog " " S W
18	7	17	4	36	9	19				1	2 1/4			Damp light breeze variable
19	7	18	4	35	9	17				1	2 1/4			" Calm
20	7	19	4	34	9	15				1	2 1/4			" light breeze N.E
21	7	20	4	33	9	13				1	2 1/4			" fresh wind " "
22	7	21	4	32	9	11				1	2 1/4			" light - - -
23	7	22	4	31	9	9				1	2 1/4			Dry " - var
24	7	23	4	31	9	8				1	2 1/4			Rain - - -
25	7	23	4	30	9	6				1	2			Damp fog - - -
26	7	24	4	29	9	4				1	2			" fresh breeze N.E
27	7	25	4	29	9	3				1	2			Fog " " " "
28	7	26	4	28	9	1				1	2		12	Rain - - -
29	7	27	4	27	9	0				1	2			" Steady - - -
30	7	28	4	27	8	59				1	2			" fresh wind var
31	7	29	4	26	8	57				1	2			Damp - breeze -

10 0 0 3 3/4 24 3 1 1 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	10	0	0 17/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1 7/8
Total quantity expended in this month . . . . .	14	0	0 1/4

Order of Lens 5 + 6 Kind of Light 7 W + 7 R  
 Number of Wicks in burner One Diameter of outer burner 1/8 or 1/4 inch  
 Written by me W. Morgan

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Cantonagon Light House* in the month of *June*, 18*99*, 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	21	8	57				1	2			Rain light breeze variable
2	7	30	4	25	8	55				1	2			Dry - - -
3	7	31	4	25	8	57				1	2			Rain - - -
4	7	32	4	24	8	52				1	1 3/4			Dry fresh wind S.W. to N.W.
5	7	32	4	24	8	52				1	1 3/4			" " " W
6	7	33	4	24	8	57				1	1 3/4			Rain fresh - S.W.
7	7	33	4	24	8	57				1	1 3/4			" " " W
8	7	34	4	23	8	49				1	1 3/4			Dry - breeze "
9	7	35	4	23	8	48				1	1 3/4			" Steady - var"
10	7	35	4	23	8	47				1	1 3/4		12	" light - "
11	7	36	4	23	8	46				1	1 3/4			Rain - - S
12	7	36	4	23	8	45				1	1 3/4			" Steady - W
13	7	36	4	23	8	45				1	1 3/4			" Dry fresh wind N.E.
14	7	37	4	23	8	44				1	1 3/4			" - - - - -
15	7	37	4	23	8	44				1	1 3/4			Damp steady breeze W
16	7	38	4	23	8	44				1	1 3/4			Dry Calm
17	7	38	4	23	8	43				1	1 3/4			Rain light wind variable
18	7	38	4	23	8	43				1	1 3/4			Damp light breeze -
19	7	39	4	23	8	44				1	1 3/4			Dry " " "
20	7	40	4	23	8	45				1	1 3/4			" " " "
21	7	40	4	23	8	45				1	1 3/4			Rain Steady - S
22	7	40	4	23	8	45				1	1 3/4			Fog light wind var"
23	7	40	4	24	8	43				1	1 3/4			Dry - breeze W
24	7	40	4	24	8	43				1	1 3/4			" " " "
25	7	40	4	24	8	43				1	1 3/4			" " " N.E.
26	7	40	4	25	8	43				1	1 3/4			" Calm
27	7	40	4	25	8	43				1	1 3/4			Rain fog light wind var
28	7	40	4	26	8	45				1	1 3/4		12	" Steady breeze N.E.
29	7	40	4	26	8	45				1	1 3/4			Dry " - S.W.
30	7	40	4	26	8	45				1	1 3/4			" " - S
31														

Total quantity consumed in the lamp of the Light-Houses . . . . .	8	3	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	0	1 1/4
Total quantity expended in this month . . . . .	12	0	1 3/6

Order of Lens *5 + 6* Kind of Light *2 W. 2 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 x 1 inch*  
 Written by me *Gas Logan* Light-Keeper.  
*Gas Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of July, 1889, 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 1/4				dry steady breeze W
2	7	40	4	27	8	46				1 1/4				light - SW
3	7	40	4	27	8	46				1 1/4				- - - W
4	7	39	4	28	8	48				1 1/4				- - - -
5	7	39	4	29	8	49				1 1/4				dry - - - var
6	7	39	4	30	8	50				1 1/4				Rain - - - -
7	7	39	4	31	8	51				1 1/4				" fresh wind N.E.
8	7	38	4	32	8	52				1 1/4				dry light - var
9	7	38	4	32	8	53				1 1/4				dry Calm
10	7	38	4	33	8	54				1 1/4				" light breeze W
11	7	37	4	33	8	56				1 1/4				" Calm
12	7	37	4	34	8	56				1 1/4				" "
13	7	36	4	35	8	55				1 1/4	13			" light breeze variable
14	7	35	4	36	8	57				1 1/4				" " " "
15	7	35	4	37	9	1				1 1/4				" " " "
16	7	34	4	37	9	3				1 1/4				Rain " " "
17	7	33	4	38	9	5				1 1/4				dry " " W
18	7	33	4	39	9	5				1 1/4				" " " bar
19	7	32	4	40	9	7				1 1/4				" steady - N.E.
20	7	31	4	41	9	9				1 1/4				" light - var
21	7	31	4	41	9	11				2				damp " wind "
22	7	30	4	42	9	12				2				dry " " "
23	7	29	4	43	9	14				2				" " " "
24	7	28	4	44	9	16				2				Rain " " W
25	7	27	4	45	9	18				2				dry " " "
26	7	26	4	46	9	20				2				" " " SW
27	7	25	4	47	9	22				2				Rain " " bar
28	7	24	4	48	9	24				2				" " " "
29	7	23	4	49	9	26				2 1/2				" fresh - W
30	7	22	4	50	9	28				2 1/2	12			damp " " "
31	7	21	4	51	9	30				2 1/2				Rain " " "

Total quantity consumed in the lamp of the Light House . . . . .	9	2	7/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	2	3	1
Total quantity expended in this month . . . . .	11	5	17/16

Order of Lens 5 + 6 Kind of Light SW + NR  
 Number of Wicks in burner One Diameter of outer burner 1 1/8 + 1 inch  
 Written by me Asst. Keeper Asst. Keeper



ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light-Houses, in the month of *August*, 1869, 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	2 1/2		Dry wind light N + N.E
2	7	19	4	53	9	35					1	2 1/2		Damp " - bar"
3	7	18	4	54	9	37					1	2 1/2		" " " "
4	7	17	4	55	9	39					1	2 1/2		" " " N.E x N
5	7	16	4	56	9	41					1	2 1/2		" " " - - -
6	7	14	4	57	9	45					1	2 1/2		" " " N.E
7	7	15	4	58	9	46					1	2 1/2		" " " S.E x S
8	7	12	4	59	9	48					1	2 1/2		Rain - breeze bar
9	7	11	5	0	9	50					1	2 1/2		Dry Calm
10	7	10	5	2	9	53					1	2 1/2		Rain fresh wind S.W + S.W
11	7	8	5	3	9	55					1	2 1/2	12	Damp light bar
12	7	6	5	4	9	57					1	2 1/2		Dry - - -
13	7	4	5	5	10	0					1	2 1/2		" Steady - N.E
14	7	3	5	6	10	2					1	2 1/2		" light - N
15	7	2	5	7	10	5					1	2 1/2		" " " bar
16	7	0	5	8	10	7					1	2 3/4		" " " S.W
17	6	59	5	9	10	9					1	3		" " " bar
18	6	57	5	10	10	11					1	3		Rain - - -
19	6	56	5	11	10	13					1	3		Dry " " N
20	6	55	5	15	10	17					1	3		Rain fog light wind S.W + N
21	6	53	5	14	10	21					1	3		Fresh wind N.W
22	6	57	5	15	10	23					1	3 1/2		Dry light - N.E
23	6	49	5	17	10	26					1	3 1/2		Rain - - bar
24	6	48	5	18	10	28					1	3 1/2		Damp - - -
25	6	46	5	19	10	31					1	3 1/2		Rain - - S.W
26	6	45	5	20	10	34					1	3 1/2		Dry - - bar
27	6	45	5	21	10	36					1	3 1/2		" " " N.E
28	6	42	5	22	10	38					1	3 1/2		Rain fresh breeze S.W
29	6	41	5	23	10	40					1	3 1/2	12	" light - N.E
30	6	38	5	24	10	44					1	3 1/2		" " " bar
31	6	56	5	25	10	47					1	3 1/2		Dry - - N.E

Total quantity consumed in the lamp of the Light- . . . . .	10	2	3/6
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	1	1/4
Total quantity expended in this month . . . . .	13	3	7/6

Order of Lens *5 + 6* Kind of Light *S.W + S.W*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 in.*  
 Written by me *Jas. Morgan* *Jas. Morgan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autunagon Light House, in the month of Sept, 1867  
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			3/4				dry light wine var	
2	6	33	5	26	10	53	1			3/4				fresh breeze SW	
3	6	31	5	27	10	56	1			3/4				damp " " NW + NE	
4	6	28	5	28	10	59	1			3/4				Rain light wine var	
5	6	26	5	29	11	1	1			3/4				damp steady " NW	
6	6	25	5	30	11	4	1	1						Rain fresh wine S	
7	6	23	5	31	11	7	1	1						damp fresh breeze W	
8	6	21	5	32	11	10	1	1						" light wine "	
9	6	19	5	33	11	12	1	1						" " " "	
10	6	18	5	34	11	15	1	1	1/4					Rain " " S	
11	6	16	5	35	11	18	1	1	1/2					damp " " var	
12	6	14	5	36	11	21	1	1	1/2		12			fresh wine N NW W	
13	6	13	5	37	11	23	1	1	1/2					" " " " N + NE	
14	6	12	5	39	11	26	1	1	1/2					light " " W	
15	6	10	5	40	11	29	1	1	1/2					damp fresh breeze W	
16	6	9	5	41	11	32	1	1	1/2					Rain " wine N.E.	
17	6	7	5	42	11	34	1	1	1/2					damp light " " "	
18	6	5	5	43	11	38	1	1	1/2					" fresh breeze W	
19	6	4	5	44	11	41	1	1	1/2					" " " " N.E.	
20	6	2	5	45	11	44	1	1	3/4					dry light wine W	
21	6	0	5	46	11	46	1	1	3/4					Rain fresh " " N.E.	
22	5	59	5	47	11	49	1	1	3/4					" steady breeze W	
23	5	57	5	48	11	52	1	1	3/4					damp " " " S + W	
24	5	55	5	49	11	55	1	1						" light " " S	
25	5	53	5	50	11	57	1	1						Rain fresh wine N.E.	
26	5	51	5	51	12	0	1	1						" " " " S	
27	5	50	5	52	12	3	1	1		12				damp " " " W	
28	5	48	5	54	12	6	1	1	1/2					Rain snow gale NW + W	
29	5	46	5	55	12	8	1	1	1/2					damp light wine var	
30	5	44	5	56	12	12	1	1	1/2					" fresh " " S	
31							11	1	2	2	24	32	01		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	11	1	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	0 1/4
Total quantity expended in this month . . . . .	14	3	1 3/4

Order of Lens 5 x 6 Kind of Light 2 W, 2 R  
 Number of Wicks in burner one Diameter of outer burner 1 1/8 + 1 line  
 Written by me— Jas. Osagan

Jas. Osagan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of Oct, 1869, 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								Hazy dry fresh breeze S
2	5	41	5	58	12	18								" " " W
3	5	39	5	59	12	20								Dry " " "
4	5	37	6	0	12	23								" " " "
5	5	35	6	1	12	26								" " light " "
6	5	33	6	3	12	29								" " " variable
7	5	32	6	4	12	31								" Calm
8	5	30	6	5	12	34								Damp light wind N.E
9	5	29	6	6	12	38								Dry " breeze S.W
10	5	27	6	7	12	40					12			Hazy " " S
11	5	25	6	8	12	43								Rain " " variable
12	5	10	6	9	12	45								" " " "
13	5	12	6	10	12	48								Damp " " W
14	5	13	6	12	12	57								Dry steady " W
15	5	14	6	13	12	54								Rain " " S.W
16	5	15	6	14	12	57								" light " variable
17	5	16	6	15	13	0								Damp steady " S.W
18	5	14	6	16	13	2								Rain fresh wind N.W
19	5	13	6	17	13	5								Damp light " variable
20	5	11	6	19	13	7								Hazy dry calm
21	5	9	6	20	13	11								Dry fresh wind S
22	5	8	6	21	13	13								" light " N.E
23	5	7	6	22	13	16								Rain " breeze N.E
24	5	6	6	23	13	18								" " " variable
25	5	4	6	25	13	21					12			Dry " wind N.E
26	5	2	6	26	13	24								Damp " " S.W
27	5	1	6	27	13	26								" " " variable
28	5	0	6	28	13	29								Dry " " W
29	4	58	6	30	13	31								" Steady breeze "
30	4	57	6	31	13	34								" Calm
31	4	55	6	32	13	37	12	2	0	3 3/4		24	33 00	Damp fresh breeze W to N

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamps of the Light-Houses . . . . .	12	2	13 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	0
Total quantity expended in this month . . . . .	16	1	13 1/2

Order of Lens 5 x 6 Kind of Light S.W. & F.R.  
 Number of Wicks in burner one Diameter of outer burner 1/8 of an inch  
 Written by me Jas. Morgan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antigonish Light House, in the month of Nov, 1859  
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	54	6	34	13	39	1	1	1 3/4				Half gale N	
2	4	53	6	36	13	41	1	1	2				Damp fresh wind N x E	
3	4	51	6	37	13	45	1	1	2				dry light - S W	
4	4	50	6	38	13	47	1	1	2				" - - - S	
5	4	49	6	39	13	49	1	1	2				" - - - N.E	
6	4	48	6	41	13	57	1	1	2		12		Hazy. Calm + dry	
7	4	47	6	42	13	54	1	1	2 1/4				" " "	
8	4	46	6	43	13	57	1	1	2 1/4				dry fresh breeze W	
9	4	45	6	44	13	59	1	1	2 1/4				" - - - S E	
10	4	44	6	45	14	1	1	1	2 1/4				" - - - - -	
11	4	43	6	47	14	4	1	1	2 1/4				Snow light - - -	
12	4	42	6	48	14	6	1	1	2 1/4				Hazy dry - - S W	
13	4	41	6	49	14	8	1	1	2 1/4				" - - - - -	
14	4	40	6	50	14	10	1	1	2 1/4				- - - - -	
15	4	39	6	52	14	12	1	1	2 1/4				- - - fresh - - -	
16	4	38	6	53	14	14	1	1	2 1/4				dry - - - - -	
17	4	37	6	55	14	16	1	1	2 1/4				Rain - - - - -	
18	4	36	6	56	14	18	1	1	2 1/4				- - - - - N	
19	4	35	6	57	14	21	1	1	2 1/4		12		Hazy dry Calm	
20	4	34	6	58	14	23	1	1	2 1/4				- - - - -	
21	4	34	6	59	14	25	1	1	2 1/4				- - - fresh breeze W	
22	4	33	7	0	14	26	1	1	2 1/4				- - - - -	
23	4	32	7	1	14	28	1	1	2 1/4				- - - light - variable	
24	4	31	7	2	14	30	1	1	2 1/4				- - - - - N x N	
25	4	31	7	3	14	32	1	1	2 1/4				- - - - - W	
26	4	31	7	4	14	33	1	1	3				- - - fresh - - -	
27	4	31	7	5	14	35	1	1	3				- - - " Calm	
28	4	30	7	6	14	36	1	1	3				- - - " light breeze S W	
29	4	30	7	7	14	37	1	1	3				- - - " damp " - variable	
30	4	29	7	8	14	39	1	1	3				Rain Calm	
31														

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	12	3	1 1/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	4	3	1
Total quantity expended in this month . . . . .	17	3	0 1/16

Order of Lens 5 + 6 Kind of Light 9 W x E R  
 Number of Wicks in burner One Diameter of outer burner 1 1/2 + 1 line  
 Written by me— Jas Logan Jas Logan Light-Keeper.  
Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antonagon Light House, in the month of December, 1879  
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	1	3					Damp fresh wind N.W	
2	4	29	7	10	14	42	1	1	3					" " " " N.W	
3	4	29	7	11	14	42	1	1	3		12			" " " " " "	
4	4	29	7	12	14	45	1	1	3 1/4					Snow - - - variable	
5	4	28	7	14	14	46	1	1	3 1/2					- - - - -	
6	4	28	7	14	14	47	1	1	3 1/2					- light - N.E	
7	4	28	7	15	14	48	1	1	3 1/2					Damp " - S.W	
8	4	28	7	16	14	49	1	1	3 1/2					- - - - - variable	
9	4	28	7	17	14	49	1	1	3 1/2					Rain - - - S.W	
10	4	28	7	18	14	50	1	1	3 1/2					Damp - - - W	
11	4	28	7	19	14	51	1	1	3 1/2					Snow if gale N.E	
12	Lost in wreck of beacon						4	2	0	0	5				" " " " " "
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31														5.1.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house . . . . .	9	2	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	5	1	1
Total quantity expended in this month . . . . .	14	0	0 3/4

Order of Lens 5+6 Kind of Light 2 M + 2 R Light-Keeper.  
 Number of Wicks in burner One Diameter of outer burner 1 1/2 + 1 inch Ass't Keeper.  
 Written by me J. S. Morgan

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light House, in the month of *April* 1900, 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	6	17	5	17	10	36		1		3 1/2		12		Rain light wind N.E
17	6	16	5	16	10	33		1		3 1/2				" + Snow " " " "
18	6	15	5	15	10	31		1		3 1/2				" " " " " " " + S.W
19	6	13	5	13	10	28		1		3 1/2				Light wind S.W
20	6	11	5	11	10	26		1		3 1/2				Dry - - - " - + S.E
21	6	9	5	9	10	23		1		3 1/2				" - - - S.E
22	6	8	5	8	10	21		1		3				Rain light wind S + S.W
23	6	7	5	7	10	18		1		3				" " " S.W + S.E
24	6	5	5	5	10	16		1		3				Dry - - - S.E
25	6	4	5	4	10	13		1		3				" - - - breeze var
26	6	2	5	2	10	11		1		3				Hazy - - - S.E
27	6	1	5	1	10	8		1		3				Damp - - - - -
28	6	0	5	0	10	4		1		2 3/4				Dry " " - - W
29	6	59	4	59	10	1		1		2 3/4				Rain fresh wind -
30	6	57	4	57	9	59		1		2 3/4				Damp steady breeze -
31														

5 0 1 2                      12 3.3.1.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	5	0	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	1 1/4
Total quantity expended in this month . . . . .	9	0	0 3/4

{ Order of Lens *S. Standard* Kind of Light *W. V. R.*  
 { Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inch*  
 Written by me— *Jas. Logan*

*Jas Logan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Cantonagon Light-Houses, in the month of May 1900, 1886, 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	53	1		3 1/4			12	Dry Smoky breeze W	
2	7	0	4	54	9	53	1		3 1/4				Smoo fresh wind N.E	
3	7	1	4	53	9	51	1		3 1/4				Damp light breeze E	
4	7	2	4	51	9	49	1		3 1/2				" - - - W	
5	7	3	4	50	9	47	1		3 1/2				" - - - var	
6	7	4	4	49	9	44	1		3				" fresh wind N.E	
7	7	5	4	48	9	42	1		3				" Smoky Calm	
8	7	6	4	46	9	40	1		3				" Steady breeze N.E	
9	7	7	4	45	9	38	1		3				" Smoky light breeze W	
10	7	9	4	44	9	35	1		3				" - - - var	
11	7	10	4	43	9	33	1		3				" - - - N.E	
12	7	11	4	42	9	31	1		3				Dry - - - -	
13	7	12	4	41	9	29	1		3				" Calm	
14	7	13	4	40	9	27	1		3				Rain hail fresh wind W	
15	7	14	4	39	9	25	1		2 3/4				Damp fresh breeze N.E	
16	7	15	4	38	9	23	1		3 3/4			12	Rain - - - -	
17	7	16	4	37	9	21	1		2 3/4				Damp light wind var	
18	7	17	4	36	9	19	1		2 3/4				" Steady breeze N.E	
19	7	18	4	35	9	17	1		2 3/4				" light - var	
20	7	19	4	34	9	15	1		2 3/4				" - - - N.E	
21	7	20	4	33	9	13	1		2 3/4				Dry - - - variable	
22	7	21	4	32	9	11	1		2 3/4				Rain Calm	
23	7	22	4	31	9	9	1		2 3/4				Dry - - -	
24	7	23	4	31	9	8	1		2 3/4				" - Smoky	
25	7	23	4	30	9	6	1		2 1/2				" light breeze var	
26	7	24	4	30	9	4	1		2 1/2				" Steady - W	
27	7	25	4	29	9	3	1		2 1/2				" Calm	
28	7	26	4	28	9	1	1		2 1/2				Rain light breeze var	
29	7	27	4	27	9	0	1		2 1/2				" calm	
30	7	28	4	27	8	59	1		2 1/2				Dry light breeze var	
31	7	29	4	26	8	57	1		2 1/2				Damp light - W	

9 0 1 3/4      24 3.0.11

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	9	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	0	1 1/4
Total quantity expended in this month . . . . .	12	1	0 7/4

Order of Lens 5" Headlight Kind of Light W + R  
 Number of Wicks in burner One Diameter of outer burner 1 1/2" thick  
 Written by me— W. S. Logan

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antigon Light House, in the month of June 1800, 1800  
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 bad and house lamps.	REMARKS ON THE WEATHER. (Dry, camp, rainy, stow, light wind, moderate breeze, fresh breeze, or gale, &c)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Gals.	Qts.	Pints.	Gills.					
1	7	29	4	26	8	50	1			2 1/2		12		Rain fresh wind N.E	
2	7	30	4	25	8	55	1			2 1/2				Damp light breeze N	
3	7	31	4	24	8	54	1			2 1/2				Dry fresh - " var"	
4	7	32	4	24	8	52	1			2 1/2				" light wind "	
5	7	32	4	24	8	52	1			2 1/2				" fresh breeze S	
6	7	33	4	24	8	51	1			2 1/2				" " " W	
7	7	34	4	23	8	50	1			2 1/2				Damp " " "	
8	7	35	4	23	8	49	1			2 1/2				" " " "	
9	7	35	4	23	8	48	1			2 1/2				Dry light - S.W	
10	7	36	4	23	8	47	1			2 1/2				Damp " - W	
11	7	36	4	23	8	46	1			2 1/2				Dry " " "	
12	7	36	4	23	8	45	1			2 1/2				" fresh - "	
13	7	36	4	23	8	45	1			2 1/2				Rain light - " var"	
14	7	37	4	23	8	44	1			2 1/2		10		Dry " - W	
15	7	38	4	23	8	44	1			2 1/2				" " " "	
16	7	38	4	23	8	44	1			2 1/2				" Steady " N.E	
17	7	38	4	23	8	43	1			2 1/2				" light " " "	
18	7	38	4	23	8	43	1			2 1/2				" " " " "	
19	7	39	4	23	8	43	1			2 1/2				" " " " "	
20	7	39	4	23	8	43	1			2 1/2				Rain " variable	
21	7	39	4	23	8	43	1			2 1/2				" " " " "	
22	7	39	4	23	8	43	1			2 1/2				" " " " "	
23	7	40	4	25	8	43	1			2 1/2				" " " " "	
24	7	40	4	24	8	43	1			2 1/2				" " " " "	
25	7	40	4	24	8	43	1			2 1/2				" " " " "	
26	7	40	4	25	8	43	1			2 1/2				" " " " "	
27	7	40	4	25	8	43	1			2 1/2				" " " " "	
28	7	40	4	26	8	45	1			2 1/2				" " " " "	
29	7	40	4	26	8	45	1			2 1/2				" " " " "	
30	7	40	4	26	8	46	1			2 1/2				" " " " "	
31															
							9	2	1	3		22	301.0		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses. . . . .	9	2	13/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	0	1
Total quantity expended in this month . . . . .	12	3	0 3/4

Order of Lens 5 + 6 Kind of Light F W + F R  
 Number of Wicks in burner one Diameter of outer burner 1 1/2 x 1 inch  
 Written by me— J. Antigon

J. Antigon Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily *Cantonagon* Light Houses, in the month of *July*, 1861 *1900*  
 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						10	Damp steady breeze S
2	7	40	4	27	8	46	1							Rain fog calm
3	7	40	4	28	8	47	1							" " light breeze var
4	7	40	4	28	8	48	1							" " " " S
5	7	39	4	29	8	50	1							" " " " S
6	7	39	4	30	8	51	1							Dry fresh wind SW
7	7	38	4	30	8	52	1							" " " " "
8	7	38	4	31	8	53	1							Rain " " W
9	7	37	4	32	8	54	1							" light " " NW x W
10	7	37	4	33	8	56	1							" " " " variable
11	7	37	4	33	8	56	1							Dry " " " "
12	7	36	4	34	8	58	1							Rain " " " "
13	7	35	4	35	8	59	1							Dry steady breeze S W x S
14	7	35	4	36	8	59	1						10	" Calm
15	7	34	4	37	9	1	1							Rain fresh wind S.E
16	7	34	4	37	9	3	1							Dry " " " " W
17	7	33	4	38	9	5	1							" light breeze var
18	7	33	4	39	9	5	1							" Steady " " S
19	7	32	4	40	9	7	1							Rain calm
20	7	31	4	41	9	9	1							Dry light breeze variable
21	7	31	4	41	9	11	1							" fresh wind S
22	7	30	4	42	9	12	1							Rain calm
23	7	29	4	43	9	14	1							Dry light breeze N.E
24	7	28	4	44	9	16	1							" " " " var
25	7	27	4	45	9	18	1							" " " " "
26	7	26	4	46	9	20	1						10	" " " " " S x SW
27	7	25	4	47	9	22	1							" " " " " "
28	7	24	4	48	9	24	1							Rain light wind W
29	7	23	4	49	9	26	1							Dry " " " " "
30	7	22	4	50	9	28	1							" fresh " " " "
31	7	21	4	51	9	30	1							" light breeze variable

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses . . . . .	10	0	1 3/8
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	0
Total quantity expended in this month . . . . .	13	2	1 3/8

Order of Lens *5/6* Kind of Light *2 W x 7 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 x 1/2*  
 Written by me *Jas. Corigan* Light-Keeper.  
*Jas. Corigan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-Houses, in the month of *August 1900*, 188  
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		3			Dry Calm
2	7	19	4	53	9	35			1		3			" light breeze variable
3	7	18	4	54	9	37			1		3			" " " "
4	7	17	4	55	9	39			1		3			" fresh wind S
5	7	16	4	56	9	41			1		3			Rain - - N.E.
6	7	14	4	57	9	43			1		3			" light - N.E. x N
7	7	13	4	58	9	46			1		3 1/4			" " " variable
8	7	12	4	59	9	48			1		3 1/4	10		" Calm
9	7	11	5	0	9	50			1		3 1/4			" Steady breeze S
10	7	10	5	2	9	53			1		3 1/4			" Fresh - -
11	7	8	5	3	9	55			1		3 1/4			Damp - wind N.E.
12	7	6	5	4	9	57			1		3 1/4			" Light breeze
13	7	4	5	5	10	0			1		3 1/4			Dense fog - S.W.
14	7	3	5	6	10	2			1		3 1/4			Damp Calm
15	7	2	5	7	10	5			1		3 1/4			Rain -
16	7	1	5	8	10	7			1		3 1/4			Dry light wind var
17	6	59	5	9	10	10			1		3 1/4			Hazy - -
18	6	57	5	10	10	13			1		3 1/4			Rain - -
19	6	56	5	11	10	16			1		3 1/4			Dry - - N.E. x S.E.
20	6	55	5	12	10	18			1		3 1/4			Rain fog L B var
21	6	53	5	13	10	21			1		3 3/4			Fog - -
22	6	51	5	14	10	23			1		3 3/4			Rain - -
23	6	49	5	15	10	26			1		3 1/4			Damp light breeze var
24	6	48	5	17	10	28			1		3 1/4			- fresh - S.W.
25	6	46	5	18	10	31			1		3 1/4			Dry very - wind -
26	6	45	5	19	10	34			1		3 1/4	10		Damp Calm
27	6	43	5	20	10	36			1		3 1/4			Dry light breeze variable
28	6	41	5	21	10	39			1		3 1/4			" " " S.W. x N E. <i>Wilson's</i>
29	6	40	5	22	10	42			1		1			" " " var
30	6	38	5	23	10	44			1		1			" " " W
31	6	35	5	24	10	47			1		1			" " " var

11 0 0 3      20 3 2 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	11	0	3/4
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	2	0
Total quantity expended in this month . . . . .	14	2	3/4

Order of Lens *5 + 6* Kind of Light *FW + FR*  
 Number of Wicks in burner *five* Diameter of outer burner *1 1/2 + 1 inch*  
 Written by me— *Autonagon*

*John Wilson* Light-Keeper.  
*Ass't Keeper.*

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light House, in the month of Sept 1900, 1888, 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						Dry light breeze var
2	6	33	5	26	10	53	1	1						Rain fresh - W
3	6	31	5	27	10	56	1	1 1/4						Damp - - -
4	6	30	5	28	10	59	1	1 1/4						Dry light - var
5	6	28	5	29	11	1	1	1 1/4						Rain - wind -
6	6	26	5	30	11	4	1	1 1/4						- - - S W
7	6	25	5	31	11	7	1	1 1/4						Damp - - - var
8	6	23	5	32	11	10	1	1 1/4			10			" - - - N.E
9	6	21	5	33	11	12	1	1 1/4						Rain - - - var
10	6	19	5	34	11	15	1	1 1/4						Damp - breeze S W
11	6	18	5	35	11	18	1	1 1/4						" fresh wind W
12	6	16	5	36	11	21	1	1 1/4						- light - S W
13	6	14	5	37	11	23	1	1 1/4						- fresh - W
14	6	12	5	39	11	26	1	1 1/4						- - - S.E
15	6	10	5	40	11	29	1	1 1/4						Rain & gale S & W & W
16	6	9	5	41	11	32	1	1 1/4						- gale N W & W
17	6	7	5	42	11	34	1	1 1/4						Damp light breeze N.W
18	6	5	5	43	11	37	1	1 1/4						- - - S & E & S
19	6	4	5	44	11	41	1	1 1/4						Rain - - - N.E
20	6	2	5	45	11	44	1	1 1/4						Damp - - - var
21	6	0	5	46	11	46	1	1 1/4						Dry - - - S & W
22	5	58	5	47	11	49	1	1 1/4						Rain - - - var
23	5	57	5	48	11	51	1	1 1/4						Damp - - - -
24	5	55	5	49	11	55	1	2 1/4						Rain fresh wind S
25	5	53	5	50	11	57	1	2 1/4			10			" - - - " & W
26	5	51	5	51	12	0	1	2 1/4						Damp - - - N & W
27	5	50	5	52	12	3	1	2 1/4						Rain Steady breeze W
28	5	48	5	54	12	6	1	2 1/4						- Calm
29	5	46	5	55	12	8	1	2 1/4						Damp - - -
30	5	44	5	56	12	12	1	2 1/4						- - -
31														

Total quantity consumed in the lamps of the Light House . . . . .	11	3	9/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	1
Total quantity expended in this month . . . . .	15	2	19/16

Order of Lens 5+6 Kind of Light F W F W Light-Keeper.  
 Number of Wicks in burner Five Diameter of outer burner 1 1/8 + 1 inch Ass't Keeper.  
 Written by me Jas Morgan

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-house in the month of *October 1900* 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	1	1				Damp Calm		
2	5	41	5	59	12	18		1	1	1				" Hazy "		
3	5	37	5	59	12	20		1	1	1				" " "		
4	5	37	6	0	12	23		1	1	1				" " "		
5	5	35	6	1	12	26		1	1	1				Dry " "		
6	5	33	6	3	12	29		1	1	1 1/4				Damp light breeze W		
7	5	32	6	4	12	31		1	1	1 1/2		10		" Hazy calm		
8	5	30	6	5	12	34		1	1	1 1/2				" " "		
9	5	29	6	6	12	38		1	1	1 1/2				Dry light breeze SW		
10	5	27	6	7	12	40		1	1	1 1/2				" " " "		
11	5	25	6	8	12	43		1	1	1 1/2				" " " "		
12	5	24	6	9	12	45		1	1	1 1/2				" " " "		
13	5	22	6	10	12	48		1	1	1 1/2				Damp " " NW		
14	5	20	6	11	12	51		1	1	1 1/2				Dry " " var		
15	5	19	6	12	12	54		1	1	1 1/2				" " " "		
16	5	17	6	14	12	57		1	1	1 1/2				Rain fresh breeze NW		
17	5	16	6	15	13	0		1	1	1 1/2				E. J. W. Inspectr. Damp light " "		
18	5	14	6	16	13	2		1	1	1 1/2				" " breeze S		
19	5	13	6	17	13	5		1	1	1 1/2				" Steady " " SE		
20	5	11	6	19	13	7		1	1	1 1/2				" " " S		
21	5	9	6	20	13	11		1	1	1 1/2				Dry light " "		
22	5	8	6	21	13	13		1	1	1 1/2		10		" " " "		
23	5	7	6	22	13	16		1	1	1 1/2				Rain " " var		
24	5	6	6	23	13	18		1	1	1 1/2				" " " "		
25	5	4	6	25	13	21		1	1	1 1/2				Hazy damp light " "		
26	5	2	6	26	13	24		1	1	1 1/2				" " fresh " S		
27	5	1	6	27	13	26		1	1	1 1/2				Dry " " " "		
28	5	0	6	28	13	29		1	1	2				Rain light " var		
29	4	58	6	30	13	31		1	1	2				" Calm		
30	4	57	6	31	13	34		1	1	2				" light wind E		
31	4	55	6	32	13	37		1	1	2				" " " SE		
							13	3	1	0	4	20	3	3	1	3

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .	13	3	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	3	3	1 3/4
Total quantity expended in this month . . . . .	17	3	0 13/16

Order of Lens *5+6* Kind of Light *Fine-R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/4 + 1 inch*  
 Written by me *Jas Logan* Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antigonish Light House, in the month of Nov 1900, 186 , 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	57	6	33	13	39		1	1	2				Fresh wind N.W.
2	4	53	6	34	13	41		1	1	2				Rain " " S
3	4	57	6	36	13	45		1	1	2				Damp " " S.W. W
4	4	50	6	37	13	47		1	1	2 1/2				Rain " " W
5	4	47	6	38	13	49		1	1	2 1/2				Fresh " " N.W.
6	4	47	6	39	13	57		1	1	2 1/2			10	Damp light wind N.W. x W
7	4	47	6	41	13	54		1	1	2 1/2				Snow by fresh " W
8	4	46	6	42	13	57		1	1	2 1/2				" Gale " "
9	4	44	6	43	13	59		1	1	2 1/2				Damp light breeze S
10	4	43	6	44	14	1		3	1	2				" fresh " W new Beacon lighted
11	4	42	6	45	14	4		3	1	2				" " wind N.W.
12	4	41	6	47	14	6		3	1	2				Snow " " " " S.W.
13	4	40	6	48	14	8		3	1	2				" Gale " "
14	4	39	6	49	14	10		3	1	2 1/2				" " " " N + N.W. x W
15	4	38	6	50	14	12		3	1	2 1/2				" fresh wind N + N.E.
16	4	37	6	52	14	14		3	1	3				Damp light " " S.W.
17	4	37	6	53	14	16		3	1	2 1/2				" Calm
18	4	36	6	55	14	18		3	1	2 1/2				Snow fresh " " N.E. to E
19	4	35	6	56	14	21		3	1	2 3/4				Hazy light wind S.W.
20	4	34	6	57	14	23		3	1	2 3/4				Snow steady breeze E
21	4	34	6	59	14	24		3	1	2 3/4				" fresh wind N.W.
22	4	33	7	0	14	26		3	1	2 3/4				" " " " W
23	4	32	7	1	14	28		3	1	3			10	Damp calm
24	4	31	7	2	14	30		3	1	3				" light breeze W
25	4	31	7	3	14	32		3	1	3				" " " "
26	4	31	7	4	14	34		3	1	3 1/4				" " " " variable
27	4	31	7	5	14	35		3	1	3 1/4				Snow light wind W
28	4	30	7	6	14	36		3	1	3 1/4				Damp fresh " " W
29	4	30	7	7	14	37		3	1	3 1/2				Snow light " " W
30	4	29	7	8	14	39		3	1	3 1/2				Damp - breeze S
31														

24 0 1 0 5/4 4.3.1.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	24	0	1 3/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	4	3	1 1/4
Total quantity expended in this month	29	0	0 7/16

Order of Lens 4 + 5 Kind of Light PR + T. W  
 Number of Wicks in burner one Diameter of outer burner 1/2 + 1/8 inches  
 Written by me James Logan James Logan Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light Houses, in the month of Decr 1900, 186  
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	3	1	3/4					Damp light breeze S
2	4	29	7	10	14	42	3	1	3/4					Rain + Snow light - SE
3	4	29	7	11	14	42	3	1	3/4					Damp light wind S.W.
4	4	29	7	12	14	45	3	1	3/4					" " " "
5	4	28	7	14	14	46	3	1	3/4					" Steady breeze N.W.
6	4	28	7	14	14	47	3	1	3/4					" light - variable
7	4	28	7	15	14	48	3	1	3/4	10				" " " "
8	4	28	7	16	14	49	3	1	3/4					Snow driving gale N.W. x W
9	4	28	7	17	14	49	3	1	3/4					" " " " N.W.
10	4	28	7	18	14	50	3	1	3/4					" fresh wind " "
11	4	28	7	19	14	51	3	1	3/4					" Steady breeze " - N.W.
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

Total quantity consumed in the lamp of the Light- . . . . .	10	3	1	0 3/4	10	5.1.0.0
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts . . . . .	10	3	1	7/16		
Total quantity expended in this month . . . . .	5	1	0			
	16	0	1	7/16		

Order of Lens 4 + 5 Kind of Light F.R.T.M  
 Number of Wicks in burner one Diameter of outer burner 1 1/4 + 1 1/8 inches  
 Written by me Jas. Morgan

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Cuttawagon* Light House, in the month of *April 1901*, 1886, 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	6	33	5	31	10	58	2	1	2			14		Damp light breeze NE
9	6	34	5	29	10	58	2	1	2					" " " S
10	6	35	5	28	10	52	2	1	1 3/4					" " " var
11	6	36	5	27	10	49	2	1	1 3/4					" " " NE
12	6	37	5	26	10	47	2	1	1 3/4	1				" " " "
13	6	38	5	25	10	44	2	1	1 3/4					" " " S
14	6	40	5	23	10	41	2	1	1 3/4					" " " "
15	6	41	5	21	10	39	2	1	1 1/2					" Steady " N.E
16	6	42	5	19	10	36	2	1	1 1/2					Rain Calm
17	6	43	5	17	10	33	2	1	1 1/2					Damp light breeze var
18	6	44	5	15	10	31	2	1	1 1/2					" " " N.E
19	6	45	5	13	10	28	2	1	1 1/2					" " " "
20	6	46	5	11	10	26	2	1	1 1/2					" " " "
21	6	47	5	9	10	23	2	1	1 1/2					" " " "
22	6	49	5	8	10	21	2	1	1					" " " "
23	6	50	5	7	10	18	2	1	1					Dry Calm
24	6	57	5	5	10	16	2	1	1			14		" light breeze SW
25	6	52	5	4	10	13	2	1	1	1				" fresh " "
26	6	53	5	2	10	11	2	1	3/4					" " " S
27	6	54	5	1	10	8	2	1	3/4					" very " "
28	6	55	5	0	10	4	2	1	3/4					Damp " " N.E
29	6	56	4	59	10	1	2	1	3/4					" light " var
30	6	57	4	57	9	59	2	1	1/2					Rain short fog calm
31														

15 1 0 2 2 28 3.3.1.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house	15	1	0 1/2
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	3	3	1
Total quantity expended in this month	19	0	1 1/2

Order of Lens *4 x 5"* Kind of Light *7 R + 7 W*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8 inches*  
 Written by me— *John Logan*

*John Logan* Light-Keeper.  
*Ass't Keeper.*

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Cantonagon* Light-Houses, in the month of *May* 1901, 1885, 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	8	56	2	1	1/2					Rain light breeze var
2	7	0	4	54	8	53	2	1	1/2					Fog fresh N.E.
3	7	1	4	53	8	51	2	1	1/2					" " " "
4	7	2	4	51	8	49	2	1	1/2					Dry light " "
5	7	3	4	50	8	47	2	1	1/2					Rain " var
6	7	4	4	49	8	44	2	1	1/2					Damp fresh N.E.
7	7	5	4	48	8	42	2	1			15			" light " "
8	7	6	4	46	8	40	2	1	1/4					" fresh " "
9	7	7	4	45	8	38	2	1	1/4					" " " "
10	7	9	4	44	8	35	2	1						Rain steady " "
11	7	10	4	43	8	33	2	1						" " " "
12	7	11	4	42	9	31	2	1						" " " "
13	7	12	4	41	9	29	2		3/4					Damp " " "
14	7	13	4	40	9	27	2		3/4					" " " "
15	7	14	4	39	9	25	2		3/4					" light " "
16	7	15	4	38	9	23	2		3/2					Dry " " "
17	7	16	4	37	9	21	2		3/2					Fog calm " "
18	7	17	4	36	9	19	2		3/2					" light breeze var
19	7	18	4	35	9	17	2		3/2					Damp steady " N.E.
20	7	19	4	34	9	15	2		3/2					" light " "
21	7	20	4	33	9	13	2		3/2		15			Rain " " var
22	7	21	4	32	9	11	2		3/2					" " " "
23	7	22	4	31	9	9	2		3/2					Damp fresh wind N.E.
24	7	23	4	31	9	8	2		3/4					" very " " x E
25	7	23	4	30	9	6	2		3/2					" light breeze var
26	7	24	4	30	9	4	2		3					Dry Calm " "
27	7	25	4	29	9	3	2		3	1				Damp fresh wind N.E.
28	7	26	4	28	9	1	2		3					" steady breeze " "
29	7	27	4	27	9	0	2		3					" light " var
30	7	28	4	27	8	59	2		3					" fresh " N.E.
31	7	29	4	26	8	57	2		2 3/4					Rain light " var

19 0 1 0 3/4 1 30 3, 1, 1, 1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light.	19	0	13/16
Total quantity consumed this month for use in the dwelling-house or quarters and other hand lamps from oil butts	3	1	1/4
Total quantity expended in this month	22	1	0 7/16

Order of Lens *H 5"* Kind of Light *PR + T N*  
 Number of Wicks in burner *two* Diameter of outer burner *1 1/2 + 1/8 inches*  
 Written by me— *Jas Logan*

*Jas Logan* Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily \_\_\_\_\_ Light \_\_\_\_\_, in the month of \_\_\_\_\_, 186 \_\_\_\_\_,  
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														
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31														

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light- . . . . .			
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 . . . . .			

{ Order of Lens \_\_\_\_\_ Kind of Light \_\_\_\_\_ Light-Keeper.  
 { Number of Wicks in burner \_\_\_\_\_ Diameter of outer burner \_\_\_\_\_ Ass't Keeper.  
 Written by me— \_\_\_\_\_







GENERAL ACCOUNT of Stores consumed at the Light-Houses at Ontonagon Lake Superior

Number of lights and order of apparatus Two 5 + 6 corner Description of light F M + 2 R

Table with columns for Year and Day of the Month, various material categories (e.g., Paint, Oil, Glass, Brooms, Stationery), and their respective quantities. Includes handwritten entries for years 1897, 1898, 1899, 1900, and 1901.

GENERAL ACCOUNT of Stores received at the Light-Houses at Ontonagon Lake Superior

Number of lights and order of apparatus *Two 5th*

Description of light *9 M + 8 R*

STATIONERY.

YEAR AND DAY OF THE MONTH.

*June 30<sup>th</sup> 1897.*

Day.	Returns of apparatus, &c., annual, copies.	Returns of supplies, annual, copies.	Quarterly returns of supplies, copies.	Quarterly returns of ship-wrecks, copies.	Quarterly returns of vessels passed, copies.	Extra supply receipts, copies.	Shipwreck reports, copies.	Keepers' salary receipts, copies.	Assistant keepers' receipts, copies.	Paper, quires.	Steel pens, dozen.	Almanac, no.	Wafers, oz.	Quill bottles ink, no.	Envelopes, (large), no.	Envelopes, (official), no.	Envelopes, (post), no.	Black lead pencils, no.	State pencils, no.	Instruments, no.	Postage stamps, value of.	Memorandum books, no.	Wool, cords.	Coal, tons.	<i>Timery Paper</i>	<i>Sand "</i>	<i>Machine Wipes</i>
<i>July 31<sup>st</sup></i>	<i>11</i>	<i>7</i>					<i>2</i>			<i>2 1</i>				<i>1/2 18 18 12 2 4 1</i>													
<i>August 31<sup>st</sup></i>	<i>11</i>	<i>7</i>					<i>2</i>			<i>2 1</i>				<i>1/2 18 16 10 2 4 1</i>													
<i>Sept 30<sup>th</sup></i>	<i>11</i>	<i>7</i>					<i>2</i>			<i>1 3/4 3/4</i>				<i>1/2 17 12 10 2 4 1</i>													
<i>Oct 31<sup>st</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1 3/4 3/4</i>				<i>1/2 16 10 10 1 3 1</i>													
<i>Nov 30<sup>th</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1 3/4 1/4</i>				<i>1/4 16 9 9 1 3 1</i>													
<i>Dec 31<sup>st</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>1 1/2 1/2</i>				<i>1/4 15 8 8 1 2 1</i>													
<i>Jan 31<sup>st</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>1 1/4 1/2</i>				<i>1/8 14 8 8 0 2 1</i>													
<i>Feb 28<sup>th</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>1 1/4</i>				<i>1/8 14 7 7 0 2 1</i>													
<i>Mar 30<sup>th</sup></i>	<i>11</i>	<i>6</i>					<i>2</i>			<i>1 3/4 1 1/4</i>				<i>1/2 18 29 28 2 5 1</i>													
<i>Apr 30<sup>th</sup></i>	<i>11</i>	<i>6</i>					<i>2</i>			<i>1 1/2 1</i>				<i>1/2 18 27 25 1 4 1</i>													
<i>May 31<sup>st</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1 1/4 3/4</i>				<i>1/2 17 23 17 1 3 1</i>													
<i>Jun 30<sup>th</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1 1/4 3/4</i>				<i>1/2 17 19 15 1 3 1</i>													
<i>Jul 31<sup>st</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>3/4 1/2</i>				<i>1/2 17 17 14 3 1</i>													
<i>Aug 31<sup>st</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>3/4 1/3</i>				<i>1/2 15 15 12 2 1</i>													
<i>Sept 30<sup>th</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>1/2 1/4</i>				<i>1 14 11 10 2 1</i>													
<i>Oct 30<sup>th</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1/4 1/2</i>				<i>13 10 8 1 1</i>													
<i>Nov 30<sup>th</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>1 1</i>				<i>1/2 12 22 14 7 1</i>													
<i>Dec 31<sup>st</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>3/4 3/2</i>				<i>1/8 12 20 12 7 1</i>													
<i>Jan 30<sup>th</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>3/4 3/4</i>				<i>1/2 11 18 11 7 1</i>													
<i>Feb 28<sup>th</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>1/2 1/2</i>				<i>1/4 11 16 11 6 1</i>													
<i>Mar 30<sup>th</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>1/2 1/2</i>				<i>1/4 11 14 11 6 1</i>													
<i>Apr 30<sup>th</sup></i>	<i>11</i>	<i>3</i>					<i>2</i>			<i>1/2 1/2</i>				<i>1/4 10 12 10 6 1</i>													
<i>May 31<sup>st</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>1/4 1/2</i>				<i>1/8 10 12 10 1 6 1</i>													
<i>Jun 30<sup>th</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>1/2</i>				<i>1/8 9 10 10 1 5 1</i>													
<i>Jul 31<sup>st</sup></i>	<i>11</i>	<i>6</i>					<i>2</i>			<i>1 1</i>				<i>1/2 14 44 21 2 5 1</i>										<i>6 12 24</i>			
<i>Aug 31<sup>st</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>3/4 10/12</i>				<i>1/2 14 43 19 1 4 1</i>										<i>4 10 22</i>			
<i>Sept 30<sup>th</sup></i>	<i>11</i>	<i>5</i>					<i>2</i>			<i>3/4 1/2</i>				<i>1/2 14 39 17 1 4 1</i>										<i>4 10 21</i>			
<i>Oct 31<sup>st</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>3/4 1/2</i>				<i>1/2 13 34 17 1 4 1</i>										<i>3 8 20</i>			
<i>Nov 30<sup>th</sup></i>	<i>11</i>	<i>4</i>					<i>2</i>			<i>3/4 1/2</i>				<i>1/2 15 30 17 1 4 1</i>										<i>3 8 19</i>			
<i>Dec 31<sup>st</sup></i>	<i>11</i>	<i>3</i>					<i>2</i>			<i>1/2 10/12</i>				<i>1/8 15 27 17 1 4 1</i>										<i>3 8 19</i>			
<i>Jan 31<sup>st</sup></i>	<i>11</i>	<i>3</i>					<i>2</i>			<i>1/2 10/12</i>				<i>1/8 12 22 15 1 4 1</i>										<i>3 8 18</i>			
<i>Feb 28<sup>th</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>1/2 10/12</i>				<i>1/8 12 20 15 1 4 1</i>										<i>3 8 18</i>			
<i>Mar 28<sup>th</sup></i>	<i>11</i>	<i>2</i>					<i>2</i>			<i>1/2 10/12</i>				<i>1/4 12 18 15 1 4 1</i>										<i>3 8 18</i>			













GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) received at the Light-Houses at *Cantonagon*

Number of lights and order of apparatus *200 5 + 6 order* Description of light *P.M.T.R*

YEAR AND DAY OF THE MONTH.	Spirits turpentine can.	Baled oil can.	Lamp black box.	Flat pans with lips.	Oil butts, 100-gallon.	Oil butts, 50-gallon.	Oil butts, 5-gallon.	Dripping buckets.	Oil carriers, copper.	Oil carriers, tin.	Oil strainers.	Copper pumps.	Oil syphon, tin.	Copper funnels.	Tin funnels.	Liquid measures, (set, 5 pieces.)	Gauge rod for oil butts.	Gauge rod, 1/2 inches, for oil column.	Junk swabs.	Paint buckets, tin.	Ex Ladder	Whulbarrow	Pitching paste	Stom. Measures	Caulking screw set	Ammoniac	Tags	Matches	Pog Horns	Wood Axe	" Saw	" Rasp
<i>June 30 1897.</i>	1	2				3			1						2	1					1	1	2	14	1	2						
<i>July 31</i>	1	2				3			1						2	1					1	1	2	14	1	2						
<i>August 31</i>	1	2				3			1						2	1					1	1	2	14	1	2						
<i>Sept 30</i>	1	2				3			1						2	1					1	1	2	14	1	1						
<i>Oct 31</i>	1	2				3			1						2	1					1	1	2	14	1	1						
<i>Nov 30</i>	1	2				3			1						2	1					1	1	2	14	1	1						
<i>1898</i> <i>March 31/98</i>	1	2				3			1						2	1					1	1	1	14	1	1						
<i>April 30</i>	1	2				3			1						2	1					1	1	1	14	1	0						
<i>May 31</i>	1	2				3									2	1					1	1	1	14	1	0						
<i>June 30</i>	1	2				3									2	1					1	1	1	14	1	2						
<i>July 31</i>	1	2				3			1						2	1					1	1	1	14	1	2						
<i>August 31</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>Sept 30</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>Oct 31</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>Nov 30</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>1899</i> <i>April 30</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>May 31</i>	1	2				1			1						2	1					1	1	1	14	1	1						
<i>June 30</i>	1	1				1			1						2	1					1	1	4	14	1	2						
<i>July 31</i>	1	1				1			1						2	1					1	1	4	14	1	2						
<i>August 31</i>	1	1				1			1						2	1					1	1	3	14	1	1 1/2						
<i>Sept 30</i>	1	1				1			1						2	1					1	1	3	14	1	1 1/2						
<i>Oct 31</i>	1	1				1			1						2	1					1	1	2	14	1	1						
<i>Nov 30</i>	1	1				1			1						2	1					1	1	2	14	1	1						
<i>1900</i> <i>Dec 31</i>	1	1				1			1						2	1					1	1	2	14	1	3/4						
<i>Jan 30</i>	1	1				1			1						2	1					1	1	2	14	1	3/4						
<i>Feb 22</i>	1	1													2	1					1	1	1	14	1	1/2						
<i>March 22</i>	1	1													2	1					1	1	3	14	1	3/4	30	72				
<i>April 30</i>	1	1													1	2	1				1	1	2	14	1	3	30	68				
<i>May 31</i>	1	1													1	2	1				1	1	2	14	1	2	30	65				
<i>June 28</i>	1	1													1	2	1				1	1	2	14	1	2	30	63				
<i>July 31</i>	1	1													1	2	1				1	1	2	14	1	2	30	59				
<i>Aug 28</i>	1	1													1	2	1				1	1	1 1/2	14	1	2	30	53				
<i>Sept 10</i>	1	1													1	2	1				1	1	1 1/2	14	1	2	30	49				
<i>Oct 30</i>	1	1													1	2	1				1	1	1 1/2	14	2	1	30	44				
<i>Nov 31</i>	1	1													1	2	1				1	1	1 1/2	14	2	1	30	39				
<i>1901</i> <i>Jan 31</i>	1	1													1	2	1				1	1	1 1/2	14	2	1	30	36				



