1886-
1888

1886-1888

UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

DAILY EXPENDITURE

AND

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

RECEIVED AND CONSUMED

At the Ontonagon

Light Station

Geo Cogan

1886 Keeper

75.4/02
Mrs. Arnold Hanks

UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

RETURNS.

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

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

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

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

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

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

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

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

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

The same remarks apply to the *Annual Returns*.

LIGHT-VESSELS.

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

By order of the Light-house Board:

W. B. SHUBRICK,
Chairman.

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

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

Approved:

HOWELL COBB,
Secretary of the Treasury.

CIRCULAR.

ORDERED:

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

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

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

By order of the Light-house Board:

W. B. SHUBRICK,
Chairman.

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

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

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

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

THORNTON A. JENKINS,
Secretary Light-house Board.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outmagon Light-Houses, in the month of May, 1886

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

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	6	59	4	55	9	56		1		2 7/8				Dry fresh breze	N E
2	7	0	4	54	9	53		1		2 7/8				Damp light – variable	
3	7	1	4	53	9	51		1		2 3/4				" Calm	
4	7	2	4	51	9	49		1		2 3/4				Rain very fresh breze	N. W.
5	7	3	4	50	9	47		1		2 3/4				Dry light –	– –
6	7	4	4	49	9	44		1		2 7/8				Snow fresh wind	N. E.
7	7	5	4	48	9	42		1		2 7/8				Damp light breze variable	
8	7	6	4	46	9	40		1		2 1/2				" fresh –	N. E. & E
9	7	7	4	45	9	38		1		2 1/2				Damp light breze	S E
10	7	9	4	44	9	35		1		2 3/8				Short rain fresh "	" "
11	7	10	4	43	9	33		1		2 3/4				Very fresh breze	N. W
12	7	11	4	42	9	31		1		2 1/4				Rain light – variable	
13	7	12	4	41	9	29		1		2 1/4				" fresh –	W
14	7	13	4	40	9	27		1		2 1/4				Damp " "	N. W. & W
15	7	14	4	39	9	25		1		2 1/8				" light –	N. W
16	7	15	4	38	9	23		1		2 1/8				" " "	– –
17	7	16	4	37	9	21		1		2 1/8				Rain fresh wind	S E & W
18	7	17	4	36	9	19		1		1 7/8				Damp light breze	– –
19	7	18	4	35	9	17		1		1 7/8				Dry fresh wind	W
20	7	19	4	34	9	15		1		1 3/4				" " breze	E
21	7	20	4	33	9	13		1		1 3/4				" " wind	S & W
22	7	21	4	32	9	11		1		1 3/4				" " breze	W
23	7	22	4	31	9	9		1		1 5/8				Damp light " variable	
24	7	23	4	31	9	8		1		1 5/8				" " "	N & N. E
25	7	23	4	30	9	6		1		1 5/8				" fresh –	W
26	7	24	4	30	9	4		1		1 5/8				" light – variable	
27	7	25	4	29	9	3		1		1 1/2				Dry – –	W
28	7	26	4	28	9	1		1		1 1/2				– fresh –	–
29	7	27	4	27	9	0		1		1 1/2				" " "	W & S
30	7	28	4	27	8	59		1		1 1/2				" light – variable	
31	7	29	4	26	8	57		1		1 3/8				Rain – –	W
							9	3	0	1		19	1, 3, 0, 3		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	9	3	1/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	1	3	3/4
Total quantity expended in this month	11	2	1

Order of Lens 5 & 6 Kind of Light F.W. & F.R.

Number of Wicks in burner One Diameter of outer burner 1 1/8 & 1 Inches

Written by me—

Jas Logan

Keeper

Jas Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Autonagon Light-House, in the month of June, 1886

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

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	26	4	26	8	55		1		1 3/4		19		Dense fog fresh breeze	N.W
2	7	25	4	25	8	55		1		1 3/4				Damp hazy - -	W
3	7	25	4	25	8	54		1		1 3/4				Dry - wind	"
4	7	24	4	24	8	52		1		1 1/4				" light breeze variable	
5	7	24	4	24	8	52		1		1 1/4				- very fresh -	N
6	7	24	4	24	8	51		1		1 1/4				Damp light -	"
7	7	24	4	24	8	50		1		1 1/4				- - - variable	
8	7	23	4	23	8	49		1		1 1/4				Dry fresh -	S.W
9	7	23	4	23	8	48		1		1 1/8				- - -	W
10	7	23	4	23	8	47		1		1 1/8				- - -	N.E
11	7	23	4	23	8	46		1		1 1/8				- light -	S.W
12	7	23	4	23	8	45		1		1 1/8				Rain - - variable	
13	7	23	4	23	8	45		1		1				Damp foggy - - -	
14	7	23	4	23	8	44		1		1				Heavy rainsquall	W
15	7	23	4	23	8	44		1		1				Dense fog light breeze variable	
16	7	23	4	23	8	44		1		1	1			Rain - - -	
17	7	23	4	23	8	43		1		1				Damp fresh -	N.W & W
18	7	23	4	23	8	43		1		1				- light - variable	
19	7	23	4	23	8	43		1		1				Rain - - -	
20	7	23	4	23	8	43		1		1				Heavy rain fresh -	S.W
21	7	23	4	23	8	43		1		1				Dry Calm	
22	7	23	4	23	8	43		1		1				Dense fog —	
23	7	24	4	24	8	43		1		1				- - light breeze variable	
24	7	24	4	24	8	43		1		1				- - - - -	
25	7	24	4	24	8	43		1		1				Continuous dense fog Calm	
26	7	25	4	25	8	43		1		1				Damp light breeze variable	
27	7	25	4	25	8	43		1		1				- fresh wind	N.E
28	7	26	4	26	8	45		1		1				- light -	N & N.E
29	7	26	4	26	8	45		1		1				Dry - -	W
30	7	26	4	26	8	48		1		1				- - breeze variable	
31															
							8	2	0	0 7/8	1	19	1.3.0.0 1/4		

	GALLONS.	QUARTS.	PINTS
Total quantity consumed in the lamp of the Light-	8	2	0 7/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	1	3	1/32
Total quantity expended in this month	10	1	1/4

Order of Lens 5 & 6 Kind of Light F.W + F.Red

Number of Wicks in burner One Diameter of outer burner 1 1/8 + 1 inch

Written by me— Jas Corgan

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Antonagon Light-Houses, in the month of July, 1886

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

DAY.	Time of lighting. Hour.	Min.	Time of extinguishing the light. Hour.	Min.	Length of time lighted. Hour.	Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts	Pints.	Gills.	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.)	
1	7	40	4	27	8	46		1		1		19	1.0.0.0	Dry light wind variable	
2	7	40	4	27	8	46		1		1				— — — —	
3	7	40	4	28	8	47		1		1				— — — —	
4	7	40	4	28	8	48		1		1				— — — —	
5	7	39	4	29	8	50		1		1				— fresh —	S.W
6	7	39	4	30	8	50		1		1				— light breeze variable	
7	7	39	4	30	8	51		1		1 1/8	1			— — — —	
8	7	38	4	31	8	52		1		1 1/8				Damp — — —	
9	7	38	4	32	8	53		1		1 1/8				Short fog — —	N & NE
10	7	37	4	33	8	54		1		1 1/8				Damp — — variable	
11	7	37	4	34	8	56		1		1 1/4				— fresh —	N
12	7	37	4	35	8	56		1		1 1/4				— — — —	—
13	7	36	4	36	8	58		1		1 1/4				— — —	N & NE
14	7	35	4	37	8	59		1		1 1/4				Short fog light —	N
15	7	35	4	37	9	1		1		1 1/8				Damp — —	S.E
16	7	34	4	37	9	3		1		1 3/8				— fresh —	N x E
17	7	33	4	38	9	5		1		1 3/8				— — —	— —
18	7	33	4	39	9	5		1		1 3/8				Dry very light breeze	N
19	7	32	4	40	9	7		1		1 1/2				" fresh —	N.E
20	7	31	4	41	9	9		1		1 1/2				" light —	N
21	7	30	4	41	9	11		1		1 1/2				" " " variable	
22	7	29	4	42	9	12		1		1 5/8				Hazy — — —	
23	7	28	4	43	9	14		1		1 5/8				— — — —	
24	7	27	4	44	9	16		1		1 3/4				— — —	W
25	7	26	4	45	9	18		1		1 3/4	1			Dry smoky calm	
26	7	25	4	46	9	20		1		1 3/4				— — —	
27	7	24	4	47	9	22		1		1 7/8				Short rainsquall fresh wind	W
28	7	23	4	48	9	24		1		1 7/8				Dry fresh breeze	N.E
29	7	22	4	49	9	26		1		1 7/8				— — —	W
30	7	21	4	50	9	28		1		2				— light — variable	
31	7	20	4	51	9	30		1		2				— — — —	
							9	0	0	31/8	2	19	2000		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	9	0	31/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	0	0
Total quantity expended in this month	11	0	31/32

Order of Lens 5 & 6 Kind of Light FW & FR

Number of Wicks in burner One Diameter of outer burner 1 1/4 & 1 Inch

Written by me— J. S. Corgan

J. S. Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antonagon Light-Houses, in the month of August, 1886,
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	20	4	52	9	32		1		2				Dry light breze	W to N.E
2	7	19	4	53	9	35		1		2				" " " variable	
3	7	17	4	54	9	37		1		2 1/8				" " "	W
4	7	16	4	55	9	39		1		2 1/8				" " " variable	
5	7	14	4	56	9	41		1		2 1/4				" " " "	
6	7	13	4	57	9	43		1		2 1/4	1			" " wind	E
7	7	12	4	58	9	46		1		2 3/8				" " " variable	
8	7	11	4	59	9	48		1		2 3/8				Light rain calm	
9	7	10	5	6	9	50		1		2 5/8				Dry "	
10	7	8	5	2	9	53		1		2 1/2				" light breze variable	
11	7	6	5	3	9	55		1		2 1/2				" " " "	
12	7	4	5	4	9	57		1		2 5/8	1			Smoky dry " " "	
13	7	3	5	5	10	0		1		2 5/8				" " " "	
14	7	2	5	6	10	2		1		2 3/4				" " fresh "	E
15	7	0	5	7	10	5		1		2 3/4				Light rain " " variable	N.E to E
16	7	59	5	8	10	7		1		2 7/8				" " " "	" "
17	6	57	5	9	10	10		1		2 7/8				Smoky dry light "	
18	6	56	5	10	10	13		1		3				Dry " " variable	
19	6	55	5	11	10	16		1		3 1/8				Rain " " "	
20	6	53	5	12	10	18		1		3 1/8				" " " "	
21	6	51	5	13	10	21		1		3 1/4				Dry calm	
22	6	49	5	14	10	23		1		3 1/4				Foggy "	
23	6	48	5	15	10	26		1		3 3/8				Dry light breze	N.E
24	6	46	5	17	10	28		1		3 3/8				" " "	" "
25	6	45	5	18	10	31		1		3 1/2				" " " variable	
26	6	43	5	19	10	34		1		3 1/2				Smoky dry fresh "	E
27	6	41	5	20	10	36		1		3 5/8				" " "	"
28	6	40	5	21	10	39		1		3 5/8				Dense smoke rain light breze	W
29	6	38	5	22	10	42		1		3 3/4				" " fresh "	"
30	6	36	5	23	10	44		1		3 3/4				Gale dry	"
31	6	55	5	24	10	47		1		3 7/8				" "	W to NW
							10	2	0	1 1/2	2	19	21.0 1/2		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	10	2	3/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	1	1/8
Total quantity expended in this month	12	3	1/4

Order of Lens 5 + 6th Kind of Light FW + FR
Number of Wicks in burner One Diameter of outer burner 1 1/4 + 1 Inches

Written by me— Jas Corgan

Jas Corgan, Light-Keeper.

....., As't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Autuagon Light Houses, in the month of September, 1886, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	6	35	5	25	10	49		1	1	1/8				Smoky light breze	W
2	6	33	5	26	10	53		1	1	1/8				– rain – – variable	
3	6	31	5	27	10	56		1	1	1/8				– – – –	
4	6	30	5	28	10	59		1	1	1/8				Dry – – –	
5	6	28	5	29	11	1		1	1	1/4				– – – –	
6	6	26	5	30	11	4		1	1	1/4				Rain – – –	
7	6	25	5	31	11	7		1	1	3/8				– fresh wind	W
8	6	23	5	32	11	10		1	1	3/8				Damp fresh breze variable	
9	6	21	5	33	11	12		1	1	1/2				Rain light breze	S x W
10	6	19	5	34	11	15		1	1	1/2				– 1/2 gale	W x S
11	6	18	5	35	11	18		1	1	5/8				– very fresh wind	W
12	6	16	5	36	11	21		1	1	5/8				Damp 1/2 gale	N W x W
13	6	14	5	37	11	23		1	1	5/8				– fresh wind	W
14	6	12	5	39	11	26		1	1	3/4				– – –	–
15	6	10	5	40	11	29		1	1	3/4				Rain – –	S E
16	6	9	5	41	11	32		1	1	3/4				Damp – –	S W
17	6	7	5	42	11	34		1	1	7/8				– – –	S
18	6	4	5	43	11	38		1	1	7/8				– light breze variable	
19	6	2	5	44	11	41		1	1	1				– – –	N x E
20	6	0	5	45	11	44		1	1	1 1/8				– fresh –	W
21	6	0	5	46	11	46		1	1	1 1/8				– light –	S x E
22	5	58	5	47	11	49		1	1	1 1/4				– – – variable	
23	5	57	5	48	11	52		1	1	1 3/8				Rain fog light breze variable	
24	5	55	5	49	11	55		1	1	1 3/8				– – –	S E
25	5	53	5	50	11	57		1	1	1 1/2				– – – variable	
26	5	51	5	51	12	0		1	1	1 1/2				– fresh wind	N W
27	5	50	5	52	12	3		1	1	1 1/2				Dry light breze	N
28	5	48	5	54	12	6		1	1	1 5/8				Damp 1/2 gale	W
29	5	46	5	55	12	8		1	1	1 5/8				Rain fresh breze	S W
30	5	44	5	56	12	12		1	1	1 3/4				Snow gale	N W.
31															
						12	12	0	0	1/2		19	2.2.1.0		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	12	0	1/8
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	14	2	1 1/8

Order of Lens 5 + 6" Kind of Light F W + F R

Number of Wicks in burner One Diameter of outer burner 1 1/4 + 1 Inch

Written by me— Jas Corgan

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light-House, in the month of October, 1886

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

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
	Sun Rise		Sun set												
1	5	57	5	42	12	15		1	1	1 3/4				Damp gale	W
2	5	58	5	41	12	18		1	1	1 3/4				" light breeze	S x W
3	5	59	5	39	12	20		1	1	1 7/8				" " "	W
4	6	0	5	37	12	23		1	1	1 7/8				" " "	S
5	6	1	5	35	12	26		1	1	1 7/8				Dry " " variable	
6	6	3	5	33	12	29		1	1	2				" " " "	
7	6	4	5	32	12	31		1	1	2				" fresh wind	S W
8	6	5	5	30	12	34		1	1	2				" Calm	
9	6	6	5	29	12	38		1	1	2 1/8				Rain light breeze	S x E
10	6	7	5	27	12	40		1	1	2 1/4				" " " variable	
11	6	8	5	25	12	43		1	1	2 3/8				" fresh wind	E
12	6	9	5	24	12	45		1	1	2 3/8				Damp " "	
13	6	10	5	22	12	48		1	1	2 3/8				Rain very " "	W
14	6	12	5	20	12	51		1	1	2 3/8				Damp 1/2 gale	W x N
15	6	13	5	19	12	54		1	1	2 3/8				Snow " "	N
16	6	14	5	17	12	57		1	1	2 3/4				" fresh breeze	S W & N W
17	6	15	5	16	13	0		1	1	2 3/4				Rain light " variable	
18	6	16	5	14	13	2		1	1	2 7/8				" fresh "	S x W
19	6	17	5	13	13	5		1	1	2 7/8				Dry 1/2 gale	S
20	6	19	5	11	13	7		1	1	2 7/8				Damp " "	W & N W
21	6	20	5	9	13	11		1	1	3				" fresh breeze variable	
22	6	21	5	8	13	13		1	1	3				Dry Calm	
23	6	22	5	6	13	16		1	1	3 1/8				Rain light - variable	
24	6	23	5	4	13	18		1	1	3 1/4				" 1/2 gale	N
25	6	25	5	2	13	21		1	1	3 3/8				Damp " "	N W
26	6	26	5	2	13	24		1	1	3 3/8				Dry Calm	
27	6	27	5	1	13	26		1	1	3 3/8				" light breeze variable	
28	6	28	5	0	13	29		1	1	3 1/2				" " " "	
29	6	30	4	58	13	31		1	1	3 5/8				" " " "	
30	6	31	4	57	13	34		1	1	3 5/8				" " "	S
31	6	32	4	55	13	37		1	1	3 3/4				" " "	
							14	0	1	3	1	79	2 3 0 1		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	14	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	3	0 1/4
Total quantity expended in this month	17	0	0

Order of Lens 5 & 6 Kind of Light F W & F R

Number of Wicks in burner One Diameter of outer burner 1 1/4 & 1

Written by me— Jas Corgan

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Astoria Light-House in the month of November, 1876, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	4	54	6	33	13	39		1	1	3 3/4				Dry light breze variable	
2	4	53	6	34	13	44		1	1	3 3/4				Damp fresh wind	S
3	4	51	6	36	13	45		1	1	3 3/4				" " " variable	
4	4	50	6	38	13	47		1	1	3 3/4				" " "	S & S W
5	4	49	6	39	13	49		1	1	3 3/4				Half gale	W & N W
6	4	48	6	41	13	51		1	1	3 3/4				Snow fresh wind variable	
7	4	47	6	42	13	54		1	1	3 7/8				Damp light — —	
8	4	46	6	43	13	57		1	1	3 7/8				" " " "	
9	4	45	6	42	13	59		1	1	3 7/8				" fresh —	N. E
10	4	44	6	40	14	1		1	1	3 7/8				Rain Calm	
11	4	43	6	40	14	4		1	1	3 7/8				Damp light breze variable	
12	4	42	6	39	14	6		1	1	3 7/8				" " "	N. W
13	4	41	6	48	14	8		2						" Calm	
14	4	40	6	49	14	10		2						" Half gale	N. W
15	4	39	6	50	14	12		2						" light breze variable	
16	4	38	6	52	14	14		2						Snow fresh —	N. E
17	4	37	6	53	14	16		2		1/8				" Gale	E
18	4	36	6	55	14	18		2		1/8				" "	N & N W
19	4	35	6	56	14	21		2		1/8				Damp light breze variable	
20	4	34	6	57	14	23		2		1/8				" fresh wind	W
21	4	34	6	58	14	24		2		1/4				" Calm	
22	4	33	7	0	14	26		2		1/4				Snow fresh wind	W
23	4	32	7	1	14	28		2		1/4				" gale	S. W
24	4	31	7	2	14	30		2		1/4				" fresh wind	N. W
25	4	31	7	3	14	32		2		1/4				" " "	W
26	4	31	7	4	14	33		2		1/4				" " "	"
27	4	31	7	5	14	35		2		3/8				" " "	W & N. E
28	4	30	7	6	14	36		2		3/8				" " "	W
29	4	30	7	7	14	37		2		3/8				" half gale	N. E
30	4	29	7	8	14	39		2		3/8				Damp light breze variable	
31															
							15	0	0	1 7/8	2	19	23 1 0 1/8		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	15	0	5/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	3	1 11/16
Total quantity expended in this month	18	0	0

Order of Lens 5th & 6th Kind of Light F W & F R

Number of Wicks in burner One Diameter of outer burner 1 1/4 & 1 Inch

Written by me— J. Logan

J. Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antonagon Light-House, in the month of May, 1887, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	6	59	4	55	9	55		1		2 3/8				Damp fresh breeze	S & N.E
2	7	0	4	54	9	53		1	3/8	2				" " "	W & N W
3	7	1	4	53	9	51		1	3/4	2				" " " variable	
4	7	2	4	51	9	49		1	3/4	2				Dry light - "	
5	7	3	4	50	9	47		1	3/4	2				" " "	N E
6	7	4	4	49	9	44		1	5/8	2					
7	7	5	4	48	9	42		1	5/8	2				" " "	N E
8	7	6	4	46	9	40		1	1/2	2				Damp fresh -	" "
9	7	7	4	45	9	38		1	1/2	2				" " "	" "
10	7	9	4	44	9	35		1	3/8	2				Dry light " variable	
11	7	10	4	43	9	33		1	3/8	2				" " " "	
12	7	11	4	42	9	31		1	1/2	2				" " " "	
13	7	12	4	41	9	29		1	1/2	2	1			" " " "	
14	7	13	4	40	9	27		1	1/2	2				Damp " "	N W
15	7	14	4	39	9	25		1	1/8	2	1			Rain fog calm	
16	7	15	4	38	9	23		1	1/8	2				Dry light breeze	W
17	7	16	4	37	9	21		1	1/8	2				Damp " "	N
18	7	17	4	36	9	19		1	7/8	1				" " " variable	
19	7	18	4	35	9	17		1	7/8	1				Dry fresh - -	
20	7	19	4	34	9	15		1	3/4	1				- light -	S W
21	7	20	4	33	9	13		1	3/4	1				" Dry fresh breeze	S W & W
22	7	21	4	32	9	11		1	3/4	1				" " " "	" "
23	7	22	4	31	9	9		1	7/8	1				" " "	N E
24	7	23	4	31	9	8		1	7/8	1				Rain " "	W
25	7	25	4	30	9	6		1	7/8	1				" " " variable	
26	7	24	4	30	9	4		1	7/8	1				Dry light - "	
27	7	25	4	29	9	3		1	1/2	1				" " " "	
28	7	26	4	28	9	1		1	1/2	1				Rain " " "	
29	7	27	4	27	9	0		1	1/2	1				" " " "	
30	7	28	4	27	8	59		1	1/2	1				Rain & fog fresh -	N & E
31	7	29	4	26	8	57		1	7/8	1				Fog " "	N E
							9	1	1	2 7/8	2	19	1302		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	11	1	1/32
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	11	1	1/32

Order of Lens 5 & 6 Kind of Light F.W. & F.R.

Number of Wicks in burner One Diameter of outer burner 1 1/4 & 1 Inch

Written by me— Jas Logan

Jas Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Outonagon Light-House, in the month of June, 1887,
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	29	4	26	8	55		1		1 3/8		19		Continuous dense fog Calm	
2	7	30	4	25	8	55		1		1 3/8				" " " "	
3	7	31	4	25	8	54		1		1 1/4				Rain light breeze	N E
4	7	32	4	24	8	52		1		1 1/4				Damp fresh "	N W
5	7	32	4	24	8	52		1		1 1/4				" Dry " "	N E
6	7	33	4	24	8	51		1		1 1/4				" light " variable	
7	7	33	4	24	8	50		1		1 1/4				Rain fresh "	N E
8	7	34	4	23	8	49		1		1 1/4	1			" fog light " variable	
9	7	35	4	23	8	48		1		1 1/8				" " " "	
10	7	35	4	23	8	47		1		1 1/8				Damp " "	N E
11	7	36	4	23	8	46		1		1 1/8				" " "	" "
12	7	36	4	23	8	45		1		1 1/8				Rain & fog Calm	
13	7	36	4	23	8	45		1		1				Dense " "	
14	7	37	4	23	8	44		1		1				Rain & fog light breeze variable	
15	7	38	4	23	8	44		1		1				" " " " "	
16	7	38	4	23	8	44		1		1				" " " " "	
17	7	38	4	23	8	43		1		1				" " " "	
18	7	39	4	23	8	43		1		1				Short " " " "	
19	7	39	4	23	8	43		1		1	1			Damp " "	W
20	7	40	4	23	8	43		1		1				Rain " "	"
21	7	40	4	23	8	43		1		1				" fresh "	"
22	7	40	4	23	8	43		1		1				" " "	"
23	7	40	4	34	8	43		1		1				Damp " "	"
24	7	40	4	24	8	43		1		1				Dry light " variable	
25	7	40	4	24	8	43		1		1				Damp fresh "	N E
26	7	40	4	25	8	43		1		1				Dry Calm	
27	7	40	4	25	8	43		1		1				Fresh wind	S
28	7	40	4	26	8	45		1		1				Dry light breeze	N E
29	7	40	4	26	8	45		1		1				" " "	" "
30	7	40	4	26	8	46		1		1				" " "	S
31															
							8	2	0	7/8	2	19	13.0.0 7/8		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	8	2	0 7/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	1	3	0 7/32
Total quantity expended in this month	10	1	1/4

Order of Lens 5 + 6 Kind of Light F W + F R

Number of Wicks in burner One Diameter of outer burner 1 1/8 + 1 Inch

Written by me— Jas Bergan

Jas Bergan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Light-House, in the month of July, 1887,
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	40	4	27	8	46		1		1		19		Dry Calm	
2	7	40	4	27	8	46		1		1				" light breze variable	
3	7	40	4	28	8	47		1		1				Rain fog Calm	
4	7	40	4	28	8	48		1		1				" + " light breze	N.W
5	7	40	4	29	8	50		1		1	1			" " " variable	
6	7	40	4	30	8	50		1		1 1/8				Dry " " "	
7	7	40	4	30	8	57		1		1 1/8				" " "	N.E
8	7	40	4	31	8	52		1		1 1/8				Rain " " variable	
9	7	40	4	33	8	53		1		1 1/8				Dry fresh "	W
10	7	40	4	33	8	54		1		1 1/4				" light "	N.E.
11	7	40	4	33	8	56		1		1 1/4				Rain " "	" "
12	7	39	4	34	8	56		1		1 "	1			Dry light " variable	
13	7	37	4	35	8	58		1		1 1/4				" fresh "	N.E
14	7	36	4	36	8	59		1		1 1/4				Rain " "	S
15	7	35	4	37	9	1		1		1 3/8				Dry light " variable	
16	7	35	4	37	9	3		1		1 3/8				Rain fresh "	N.E
17	7	34	4	38	9	5		1		1 3/8				" + fog light " variable	
18	7	33	4	39	9	6		1		1 3/8				Dry light "	N.E
19	7	32	4	40	9	7		1		1 1/2				" " "	W
20	7	31	4	41	9	9		1		1 1/2				" " "	N.E
21	7	31	4	41	9	11		1		1 1/2				" " "	" "
22	7	30	4	42	9	12		1		1 5/8				" fresh wind	N.W
23	7	29	4	43	9	14		1		1 5/8				" light breze variable	
24	7	28	4	44	9	16		1		1 3/4				Rain " " "	
25	7	27	4	45	9	18		1		1 3/4				Dry " " "	
26	7	26	4	46	9	20		1		1 3/4				Rain " " "	
27	7	25	4	47	9	22		1		1 7/8				Dry " " "	
28	7	24	4	48	9	24		1		1 7/8				" fresh "	N.E
29	7	23	4	49	9	26		1		1 7/8				Rain light "	W
30	7	22	4	50	9	28				2				Dry light " variable	
31	7	21	4	51	9	30				2				Shot rain squall	S.W
							9	0	0	31/8	2	19	2.0.0 1/8		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	9	0	31/32
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	0	1/32
Total quantity expended in this month	11	0	1

Order of Lens 5 + 6 Kind of Light F.M. + 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 Main Light House in the month of August, 1887, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	20	4	52	9	32		0	1	2		9½		Dry light breze	N E
2	7	19	4	53	9	35		0	1	2	1			Damp fresh –	– –
3	7	18	4	54	9	37		0	1	2 5/7				Dry Calm	
4	7	17	4	55	9	39		0	1	2 5/7				–	W × N
5	7	16	4	56	9	41		0	1	2 10/7				– fresh wind	
6	7	14	4	57	9	43		0	1	2 10/7				– light breze	N. E
7	7	13	4	58	9	46		0	1	2 15/7				– – –	S
8	7	12	4	59	9	48		0	1	2 15/7				– fresh wind	–
9	7	11	5	0	9	50		0	1	2 20/7				Damp – –	N E × N
10	7	10	5	2	9	53		0	1	2 20/7				Rain light breze variable	
11	7	8	5	3	9	55		0	1	2 25/7				Damp fresh wind	W
12	7	6	5	4	9	57		0	1	2 25/7				.. – –	S
13	7	4	5	5	10	0		0	1	2 30/7				– light breze variable	
14	7	3	5	6	10	2		0	1	2 30/7				– – –	E
15	7	2	5	7	10	5		0	1	2 35/7				Dry – – variable	
16	7	0	5	8	10	7		0	1	2 40/7				– – – –	
17	6	59	5	9	10	10		0	1	2 40/7				– – –	S. W
18	6	57	5	10	10	13		0	1	2 45/7				Damp fresh wind	N × W
19	6	56	5	11	10	18		0	1	2 50/7				Dry light breze variable	
20	6	55	5	12	10	20		0	1	2 50/7				– – – –	
21	6	53	5	13	10	23		0	1	2 55/7				– – wind	N E
22	6	51	5	14	10	26		0	1	2 60/7	1			Rain very fresh –	E × N
23	6	49	5	15	10	28		0	1	2 60/7				Damp light breze variable	
24	6	48	5	17	10	31		0	1	2 65/7				" " " "	
25	6	46	5	18	10	34		0	1	2 65/7				" " " "	
26	6	45	5	19	10	36		0	1	2 65/7				" " " "	
27	6	43	5	20	10	39		0	1	2 70/7				" " " "	
28	6	41	5	21	10	39		0	1	2 75/7				" " "	N × E
29	6	40	5	22	10	42		0	1	2 80/7				Dry fresh wind	S W
30	6	38	5	23	10	44		0	1	2 80/7				– light breze variable	
31	6	36	5	24	10	47		0	1	2 85/7				Rain light fog Calm	
							6	0	1	2 30/100	2	9½	3.1.0. 75/100		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	6	0	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	1	1/4
Total quantity expended in this month	8	1	1 3/4

Order of Lens 5 Kind of Light F. W

Number of Wicks in burner One Diameter of outer burner 1 1/2 inch

Written by me—

Jas Logan

Jas Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autuagon Main Light-House, in the month of September, 1887, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	6	35	5	25	10	44			1	2 55		9½	2.0.0.0	Rain fog light breze N E x E
2	6	33	5	26	10	53			1	2 90				Damp fresh — — —
3	6	31	5	27	10	56			1	2 95				— — — — — —
4	6	30	5	28	10	59			1	2 95	1			Rain — — — — —
5	6	28	5	29	11	1			1	3				— + fog calm
6	6	26	5	30	11	4			1	3				Damp light breze variable
7	6	25	5	31	11	7			1	3 5				— gale N W
8	6	23	5	32	11	10			1	3 10				Dry fresh breze S
9	6	21	5	33	11	12			1	3 10				Damp gale N W x N E x N
10	6	19	5	34	11	15			1	3 15				— light breze N E
11	6	18	5	35	11	18			1	3 15				Dry — — — —
12	6	16	5	36	11	21			1	3 20	1			Rain fresh wind S
13	6	14	5	37	11	23			1	3 20				Damp gale W
14	6	12	5	38	11	26			1	3 25				— — —
15	6	10	5	39	11	29			1	3 25				— fresh wind —
16	6	9	5	41	11	32			1	3 30				Dry light breze S
17	6	7	5	42	11	34			1	3 30				— fresh — —
18	6	5	5	43	11	38			1	3 35				" light — variable
19	6	4	5	44	11	41			1	3 40				" " " "
20	6	2	5	45	11	44			1	3 40				" " " S
21	6	0	5	46	11	46			1	3 45				" very fresh - W
22	5	58	5	47	11	49			1	3 45				Damp " wind N x E
23	5	57	5	48	11	52			1	3 50				" " " N
24	5	55	5	49	11	55			1	3 55				" light breze variable
25	5	53	5	50	11	57			1	3 55				" " " "
26	5	51	5	51	12	0			1	3 55				" " " "
27	5	50	5	52	12	3			1	3 60				" " " S
28	5	48	5	54	12	6			1	3 65				" " " variable
29	5	46	5	55	12	8			1	3 65				Smoky " " "
30	5	44	5	58	12	12			1	3 70				" " " N W
31														
							6	1	0	½	2	9½	0.1.1.0 2.1.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	6	1	½
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	9	0	1½

Order of Lens 5 — Kind of Light 9 W

Number of Wicks in burner One — Diameter of outer burner 1⅛ Inch

Written by me— Jas Logan

Jas Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Main Light House, in the month of October, 1887, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	5	42	5	57	12	15			1	3 70		7		Smoky damp light wind var
2	5	41	5	58	12	17			1	3 75				" " fresh breeze S
3	5	39	5	59	12	20			1	3 75				" ½ gale W
4	5	37	6	0	12	23			1	3 75				" " " W & N W
5	5	35	6	1	12	26			1	3 80				Damp light breeze E & S.E
6	5	33	6	3	12	29			1	3 80				" fresh wind W
7	5	32	6	4	12	31			1	3 85				Rain " " S.E
8	5	30	6	5	12	34			1	3 85				" very " " E
9	5	29	6	6	12	37			1	3 85				Damp " " N W
10	5	27	6	7	12	40			1	3 85				" " " " "
11	5	25	6	8	12	43			1	3 90				Snow " " N
12	5	24	6	9	12	45			1	3 90				Damp " " S & W
13	5	22	6	10	12	48			1	3 90				" " " N.W
14	5	20	6	12	12	51		1						" light breeze variable
15	5	19	6	13	12	54		1		5				" ½ gale S.W
16	5	17	6	14	12	57		1		10				" fresh wind N.E
17	5	16	6	15	13	0		1		10				" " breeze W & N
18	5	14	6	16	13	2		1		15				" " " W
19	5	13	6	17	13	5		1		20				" " wind S & S W
20	5	11	6	19	13	7		1		20				Snow ½ gale N W
21	5	9	6	20	13	11		1		25				Damp fresh breeze variable
22	5	8	6	21	13	13		1		25				" " " N.E
23	5	7	6	22	13	16		1		30				Snow " " " "
24	5	6	6	23	13	18		1		30				" gale " W
25	5	4	6	25	13	21		1		35				" " " " "
26	5	2	6	26	13	24		1		35				Damp fresh wind W
27	5	1	6	27	13	26		1		40				" light breeze variable
28	5	0	6	28	13	29		1		40				Snow ½ gale N.E
29	4	58	6	30	13	31		1		45				" fresh breeze " "
30	4	57	6	31	13	34		1		45				Damp light " " "
31	4	55	6	32	13	37		1		50				" fresh " W
							7	3	0	3½		2, 3, 0, 1		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	7	3	7/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	3	1/2
Total quantity expended in this month	10	2	1 1/8

Order of Lens 5 Kind of Light F. W

Number of Wicks in burner One Diameter of outer burner 1 1/8 Inch

Written by me—

J. S. Logan

Keeper

J. S. Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Main Light House, in the month of November, 1887, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	4	54	6	34	13	39		1		50/100		7		Damp fresh breze	W
2	4	53	6	36	13	41		1		55				Dry light –	N.E
3	4	51	6	37	13	45		1		55				Damp " " variable	
4	4	50	6	38	13	47		1		60				" " " "	
5	4	49	6	39	13	49		1		60				" " "	S
6	4	48	6	41	13	51		1		65				Dry Calm	
7	4	47	6	42	13	54		1		65				Damp fresh wind	N.E
8	4	46	6	43	13	57		1		70				" Calm	
9	4	45	6	44	13	59		1		70				" "	
10	4	44	6	44	14	1		1		75				" light wind	N.E
11	4	43	6	45	14	4		1		75				Dry " "	" "
12	4	42	6	47	14	6		1		80				" " " variable	S.E
13	4	41	6	48	14	8		1		80				Damp - -	S W
14	4	40	6	49	14	10		1		85				" fresh wind	N.E & E
15	4	39	6	50	14	12		1		85				Snow - breze variable	
16	4	38	6	52	14	14		1		90				" " "	N
17	4	37	6	53	14	16		1		90				" Dry " "	W
18	4	36	6	55	14	18		1		90				" " " "	S.W
19	4	35	6	56	14	21		1		95				Gale snow	N.E & N
20	4	34	6	57	14	23		1		95				Snow fresh wind	N & W
21	4	34	6	58	14	24		1		95				" light -	N.E & W
22	4	33	7	0	14	26		1		1				" " " variable	
23	4	32	7	1	14	28		1		1				Damp " - "	
24	4	31	7	2	14	30		1		1 05				Snow " "	S
25	4	31	7	3	14	32		1		1 05				Damp " - variable	
26	4	31	7	4	14	33		1		1 10				Snow - -	N & E
27	4	31	7	5	14	35		1		1 10				- - for gale	N
28	4	30	7	6	14	36		1		1 10				" fresh wind	W
29	4	30	7	7	14	37		1		1 10				- light breze variable	
30	4	29	7	8	14	39		1		1 15				Damp - - -	
31															
							8	1	0	1½		7	2,3,1,0		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	8	1	3/8
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	0	1 5/8

Order of Lens Fifth Kind of Light F.W

Number of Wicks in burner One Diameter of outer burner 1 1/8 Inches

Written by me— Jas Cogan

Jas Cogan, 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. Hour.	Min.	Time of extinguishing the light. Hour.	Min.	Length of time lighted. Hour.	Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25	6	52	5	4	10	13		1	3/4			14		Dry fresh wind	SW
26	6	53	5	2	10	11		1	3/4					Rain " "	S
27	6	54	5	1	10	8		1	3/4					" " "	NE
28	6	55	5	0	10	4		1	3/4					" Hail + snow fresh wind	" "
29	6	56	4	59	10	1		1	3/4					Damp fresh wind	E
30	6	57	4	57	9	59		1	3/4				1.3.1.0	" " "	"
31															
							1	0	1	1 1/4		14	1.3.1.0		

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

Order of Lens Fifth Kind of Light F R

Number of Wicks in burner One Diameter of outer burner 1 1/8

Written by me—

W S Cogan

J. Keehan

J S Cogan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Antonagon Light House 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. Hour.	Min.	Time of extinguishing the light. Hour.	Min.	Length of time lighted. Hour.	Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	6	59	4	55	9	56			1	2				Damp fresh wind	E
2	7	1	4	54	9	53			1	2				" " "	N.E
3	7	2	4	53	9	51			1	2				Rain light - variable	
4	7	3	4	51	9	49			1	2				Damp fresh -	W
5	7	4	4	50	9	47			1	2				Rain light - - variable	
6	7	0	4	49	9	44			1	2				Damp - - -	
7	7	5	4	48	9	42			1	2				" " " -	
8	7	6	4	46	9	40			1	2				Rain - -	N.E
9	7	7	4	45	9	38			1	2				" + fog - - variable	
10	7	9	4	44	9	35			1	1 3/4				" " " " "	
11	7	10	4	43	9	33			1	1 3/4				" " " " "	
12	7	11	4	42	9	31			1	1 3/4	1			Snow + gale	W
13	7	12	4	41	9	29			1	1 3/4				- fresh breeze	—
14	7	13	4	40	9	27			1	1 3/4				- light -	N.E
15	7	14	4	39	9	25			1	1 3/4				- - - variable	
16	7	15	4	38	9	23			1	1 3/4				Damp - -	N.E
17	7	16	4	37	9	21			1	1 3/4				- - -	N.E & N
18	7	17	4	36	9	19			1	1 3/4		7		- - - variable	
19	7	18	4	35	9	17			1	1 3/4				- - - -	
20	7	19	4	34	9	15			1	1 3/4				Rain - - -	
21	7	20	4	33	9	13			1	1 3/4				- + fog - - -	
22	7	21	4	32	9	11			1	1 3/4				Damp - - -	
23	7	22	4	31	9	9			1	1 3/4				- fresh -	N.E
24	7	23	4	31	9	8			1	1 1/2				Rain light - variable	
25	7	23	4	30	9	6			1	1 1/2				- + fog - - -	
26	7	24	4	30	9	4			1	1 1/2				Fog - -	N.E
27	7	25	4	29	9	3			1	1 1/2				Hazy - - variable	
28	7	26	4	28	9	1			1	1 1/2				Damp - - —	
29	7	27	4	27	9	0			1	1 1/2				- 1/2 gale	W
30	7	28	4	27	8	59			1	1 1/2				- fresh breeze	—
31	7	29	4	26	8	57			1	1 1/2				- - -	—
							5	2	0	2 1/2	1	7	1 3, 0, 1		

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

Order of Lens 5th + 6th, Kind of Light F.W + F.R

Number of Wicks in burner Our, Diameter of outer burner 1/8

Written by me—

A S Cogan

Keeper

A S Cogan, Light-Keeper.

....., Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Main Light House, in the month of June, 1888, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Min.	Time of extinguishing the light. Hour.	Min.	Length of time lighted. Hour.	Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)	
1	7	29	4	26	8	55			1	1½				Damp fresh wind	W
2	7	30	4	25	8	55			1	1½				" " "	"
3	7	31	4	25	8	54			1	1½				Dry light breeze variable	
4	7	32	4	24	8	52			1	1¼				" fresh wind	W
5	7	32	4	24	8	52			1	1¼				Rain " "	SW
6	7	33	4	24	8	51			1	1¼				Damp " breeze variable	
7	7	33	4	24	8	50			1	1¼				" " "	NE & N
8	7	34	4	23	8	49			1	1¼		7		Rain & fog squally	N.E & N
9	7	35	4	23	8	48			1	1¼				" " fresh wind	" "
10	7	35	4	23	8	47			1	1¼				" light breeze variable	
11	7	36	4	23	8	46			1	1¼	1			Damp " " "	
12	7	36	4	23	8	45			1	1¼				Rain " " "	
13	7	36	4	23	8	45			1	1¼				Fog " "	N
14	7	37	4	23	8	44			1	1¼				Dry " "	"
15	7	38	4	23	8	44			1	1¼				" " "	"
16	7	38	4	23	8	44			1	1¼				" " " variable	
17	7	38	4	23	8	43			1	1¼				" " " "	
18	7	39	4	23	8	43			1	1¼				" " " "	
19	7	39	4	23	8	43			1	1¼				" fresh " variable	
20	7	40	4	23	8	43			1	1¼				Rain & fog light breeze "	
21	7	40	4	23	8	43			1	1¼				" " " " "	NE
22	7	40	4	23	8	43			1	1¼				" " " " " variable	
23	7	40	4	24	8	43			1	1¼				" light " "	
24	7	40	4	24	8	43			1	1¼				" " "	NE
25	7	40	4	24	8	43			1	1¼				Damp " "	" "
26	7	40	4	25	8	43			1	1¼				" fresh wind	" "
27	7	40	4	25	8	43			1	1¼	1			" light breeze variable	
28	7	40	4	26	8	45			1	1¼		7		Dry " " "	
29	7	40	4	26	8	45			1	1¼				" " " "	
30	7	40	4	26	8	46			1	1¼				" " "	NE
31															
							4	3	1	1¼	2	14	1.3.0.1¼		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	4	3	1¼
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts		3	0½
Total quantity expended in this month	6	2	1¼

Order of Lens 5 Kind of Light FW

Number of Wicks in burner Our Diameter of outer burner 1⅛

Written by me—

A. Logan

Keeper

A. Logan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Cuttyhunk Main Light House in the month of July, 1898, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	7	40	4	27	8	46			1	1¼				Dry light breze N E
2	7	40	4	27	8	46			1	1¼				" fresh wind S W
3	7	40	4	28	8	47			1	1¼				Rain – – W
4	7	40	4	28	8	48			1	1¼				" light breze variable
5	7	39	4	29	8	50			1	1¼				Dense fog Calm
6	7	39	4	30	8	50			1	1¼				Dry light breze variable
7	7	39	4	30	8	51			1	1¼				– – – –
8	7	38	4	31	8	52			1	1¼				– – – –
9	7	38	4	32	8	53			1	1¼				Fog – – –
10	7	38	4	33	8	54			1	1¼				Rain fresh wind W
11	7	37	4	33	8	56			1	1¼				Short fog fresh breze N E
12	7	37	4	34	8	56			1	1¼		7		Dry light – – –
13	7	36	4	35	8	58			1	1¼				– fresh – – –
14	7	35	4	36	8	59			1	1¼				– light – variable
15	7	35	4	37	9	1			1	1¼				– – – N E
16	7	34	4	37	9	3			1	1¼				Fog – – W
17	7	33	4	38	9	5			1	1¼				Dry – – –
18	7	33	4	39	9	5			1	1¼				– fresh – –
19	7	32	4	40	9	7			1	1¼				– – – –
20	7	31	4	41	9	9			1	1¼				– Calm
21	7	31	4	41	9	11			1	1¼				Foggy light breze W
22	7	30	4	42	9	12			1	1¼				Dry fresh – –
23	7	29	4	43	9	14			1	1¼				– – – –
24	7	28	4	44	9	16			1	1¼				– light – variable
25	7	27	4	45	9	18			1	1½				Rain fresh – –
26	7	26	4	46	9	20			1	1½				Dry – – N E
27	7	25	4	47	9	22			1	1½				– – – – –
28	7	24	4	48	9	24			1	1½				– light – variable
29	7	23	4	49	9	26			1	1½				Rain Calm
30	7	22	4	50	9	28			1	1½				Dry fresh wind S
31	7	21	4	57	9	30			1	1½				– – – W
							5	0	1	½		7	2.0.0.1	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	5	0	1⅛
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	0	0½
Total quantity expended in this month	7	0	1⅜

Order of Lens 5 Kind of Light F W

Number of Wicks in burner One Diameter of outer burner 1⅛

Written by me—

Jas Cogan Keeper

Jas Cogan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Cuttyhunk Maine Light-House, in the month of August, 1888, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	7	20	4	52	9	32			1	1½				Rain light breze W
2	7	19	4	53	9	35			1	1½	1			" fresh — S
3	7	18	4	54	9	37			1	1½		7		Dry — — —
4	7	17	4	55	9	39			1	1½				— Steady — N.E
5	7	16	4	56	9	41			1	1½				Rain light — — —
6	7	14	4	57	9	43			1	1¾				Dry fresh — W
7	7	13	4	58	9	46			1	1¾				Rain — — variable
8	7	12	4	59	9	48			1	1¾				— — — N.W & W
9	7	11	5	0	9	50			1	1¾				Damp Dry fresh wind W
10	7	10	5	2	9	53			1	1¾				Rain light breze variable
11	7	8	5	3	9	55			1	1¾				Fog — — N.E
12	7	6	5	4	9	57			1	1¾				Dry — — N.
13	7	4	5	5	10	0			1	1¾				— Calm
14	7	3	5	6	10	2			1	1¾				— light breze N.W
15	7	2	5	7	10	5			1	1¾				— fresh — W
16	7	0	5	8	10	7			1	2	1			Rain — — SW
17	6	59	5	9	10	10			1	2				Dry light — variable
18	6	57	5	10	10	13			1	2				— — — —
19	6	56	5	11	10	16			1	2				— — — —
20	6	55	5	12	10	18			1	2				Rain calm
21	6	53	5	13	10	21			1	2				Dry light breze W
22	6	51	5	14	10	23			1	2				— — — variable
23	6	49	5	15	10	26			1	2				— fresh wind W
24	6	48	5	17	10	28			1	2				— — — —
25	6	46	5	18	10	31			1	2¼				— Dry — — SW
26	6	45	5	19	10	34			1	2¼				— light breze variable
27	6	43	5	20	10	36			1	2¼				— — — W
28	6	41	5	21	10	39			1	2¼				— — — —
29	6	40	5	22	10	42			1	2¼				— — — N.E
30	6	38	5	23	10	44			1	2¼		7		— — — N.W
31	6	36	5	24	10	47			1	2¼				Damp fresh — N.E & N
							5	3	0	0	2	14	2.1.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	5	3	0
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	8	0	1

Order of Lens Fifth Kind of Light F.W

Number of Wicks in burner One Diameter of outer burner 1/8

Written by me—

J. H. Morgan, Keeper

J. H. Morgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily At Outmagon Maine Light House, in the month of September, 1879, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Min.	Time of extinguishing the light. Hour.	Min.	Length of time lighted. Hour.	Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	6	35	5	25	10	49			1	2¼				Dry fresh breze N E & N
2	6	33	5	26	10	53			1	2¼				— — — —
3	6	31	5	27	10	56			1	2¼				Rain — — variable
4	6	30	5	28	10	59			1	2½		7		Dry light breze N E & N
5	6	28	5	29	11	1			1	2½				— — — N E
6	6	26	5	30	11	4			1	2½				— fresh wind S to S E
7	6	25	5	31	11	7			1	2½				Rain — — S W
8	6	23	5	32	11	10			1	2½				— — — W
9	6	21	5	33	11	12			1	2½				Dry fresh breze —
10	6	19	5	34	11	15			1	2½				— — — S E
11	6	18	5	35	11	18			1	2½				— dry — wind W to N W
12	6	16	5	36	11	21			1	2¾				Damp fresh — N W
13	6	14	5	37	11	23			1	2¾				— light — S to N E
14	6	12	5	39	11	26			1	2¾	1			Rain — — variable
15	6	10	5	40	11	29			1	2¾				Fog — — —
16	6	9	5	41	11	32			1	2¾				Rain gale N E
17	6	7	5	42	11	35			1	2¾				— ½ — — —
18	6	5	5	43	11	38			1	2¾				— + fog light breze variable
19	6	4	5	44	11	41			1	2¾				— — — — —
20	6	2	5	45	11	44			1	2¾				Fog — — —
21	6	0	5	46	11	46			1	2¾				Damp — — N E
22	5	58	5	47	11	49			1	3				— — — variable
23	5	57	5	48	11	52			1	3				Dry — — —
24	5	55	5	49	11	55			1	3				Rain fresh — S W
25	5	53	5	50	11	57			1	3		7		Damp — — variable
26	5	51	5	51	12	0			1	3				Rain gale N W to N E
27	5	50	5	52	12	3			1	3				— fresh wind N E & N & W
28	5	48	5	54	12	6			1	3				— — — variable
29	5	46	5	55	12	8			1	3				— — — N W & W
30	5	44	5	56	12	12			1	3¼				— — — S
31														
							6	1	0	1¼	1	14	2.2.0.1	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	6	1	3/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	2	1/4
Total quantity expended in this month	8	3	5/16

Order of Lens Fifth Kind of Light F. W

Number of Wicks in burner One Diameter of outer burner 1 1/8 Inches

Written by me—

Jas Corgan

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outonagon Main Light-House, in the month of October, 1888, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	5	42	5	57	12	15			1	3½				Rain gale N.E
2	5	41	5	58	12	17			1	3½				Snow fresh wind N & N.E
3	5	39	5	59	12	20			1	3½				" " " S - S W
4	5	37	6	0	12	23			1	3½		7		" " " " "
5	5	35	6	1	12	26			1	3½				Damp " " "
6	5	33	6	3	12	29			1	3½				" light breeze N.E - N
7	5	32	6	4	12	31			1	3½				" fresh " W
8	5	30	6	5	12	34			1	3½				" light " N.E
9	5	29	6	6	12	37			1	3½				" fresh - " "
10	5	27	6	7	12	40			1	3½				" light " " "
11	5	25	6	8	12	43			1	3½				Smoky dry light breeze variable
12	5	24	6	9	12	45			1	3½				" " " " "
13	5	22	6	10	12	48			1	3½				" " " " "
14	5	20	6	12	12	51			1	3½				Damp " " N.E
15	5	19	6	13	12	54			1	3½				Rain " - variable
16	5	17	6	14	12	57			1	3½				- fresh wind N & N.E
17	5	16	6	15	13	0			1	3½				Damp light - N.E - E
18	5	14	6	16	13	2			1	3½				Rain fresh breeze S.E
19	5	13	6	17	13	5			1	3¾				Snow gale W to N
20	5	11	6	19	13	7			1	3¾				Damp light wind N
21	5	9	6	20	13	11			1	3¾				" Calm
22	5	8	6	21	13	13			1	3¾		7		" "
23	5	7	6	22	13	16			1	3¾				Rain -
24	5	6	6	23	13	18			1	3¾				Dry light breeze E
25	5	4	6	25	13	21			1	3¾				Rain - wind N W
26	5	2	6	26	13	24			1	3¾				- fresh - W
27	5	1	6	27	13	26			1	3¾				Damp very fresh wind N.W
28	5	0	6	28	13	29			1	3¾				- - - - -
29	4	58	6	30	13	31		1	0	0				Rain fresh breeze N
30	4	57	6	31	13	34		1	0	0				Damp dry - wind S
31	4	55	6	32	13	37		1	0	0				- - - - W
							7	1	0	2½		14	2,3,0,0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	7	1	5/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	3	0
Total quantity expended in this month	10	0	5/8

Order of Lens Fifth Kind of Light F. W

Number of Wicks in burner One Diameter of outer burner 1 1/8 inches

Written by me—

Jas Corgan

Keeper

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Ontonagon Main Light House in the month of November, 1888, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting. Hour.	Time of lighting. Min.	Time of extinguishing the light. Hour.	Time of extinguishing the light. Min.	Length of time lighted. Hour.	Length of time lighted. Min.	Daily quantity of oil consumed in Light-house or Light-vessel lamps. Galls.	Qts.	Pints.	Gills.	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.)
1	4	54	6	33	13	39		1	0	0				Rain light wind N.E
2	4	53	6	34	13	41		1	0	0				Damp - - - -
3	4	51	6	36	13	45		1	0	0		7		- fresh - N.W
4	4	50	6	37	13	47		1	0	0				Damp Calm
5	4	49	6	39	13	49		1	0	0				Rain light wind N.E
6	4	48	6	41	13	54		1	0	0				- - breze W.
7	4	47	6	42	13	54		1	0	0				Damp calm
8	4	46	6	43	13	57		1	0	1/4				- -
9	4	45	6	44	13	59		1	0	1/4				- fresh breze N.E
10	4	44	6	45	14	1		1	0	1/4				Snow - wind N.W
11	4	43	6	47	14	4		1	0	1/4				Damp - - W
12	4	42	6	48	14	6		1	0	1/4				- light breze S
13	4	41	6	49	14	8		1	0	1/4				- - - -
14	4	40	6	50	14	10		1	0	1/4				- fresh wind W
15	4	39	6	52	14	12		1	0	1/4	1			Snow & gale N & W
16	4	38	6	53	14	14		1	0	1/4		7		- - - W & N
17	4	37	6	55	14	16		1	0	1/4				- fresh wind W
18	4	36	6	56	14	18		1	0	1/4				Damp light - S
19	4	35	6	57	14	21		1	0	1/4				Snow fresh - N.E
20	4	34	6	58	14	23		1	0	1/2				Damp light - S W
21	4	33	6	0	14	24		1	0	1/2				- - - - -
22	4	33	7	1	14	28		1	0	1/2				- - - S
23	4	32	7	2	14	28		1	0	1/2				- - breze S W
24	4	31	7	3	14	30		1	0	1/2				- - - S
25	4	31	7	4	14	32		1	0	1/2				- calm
26	4	31	7	5	14	33		1	0	1/2				- -
27	4	31	7	6	14	35		1	0	1/2				- -
28	4	30	7	7	14	36		1	0	1/2	1			Rain light breze N.E
29	4	30	7	8	14	37		1	0	1/2				Damp - - variable
30	4	29	7	9	14	39		1	0	1/2		7		Snow fresh wind N.W
31														
							7	3	0	0 1/4	2	21	2.3.0.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	7	3	1/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts	2	3	0
Total quantity expended in this month	10	2	1/8

Order of Lens Fifth Kind of Light F W

Number of Wicks in burner One Diameter of outer burner 1 1/8 inches

Written by me—

A. E. Morgan

Keeper

Jo Morgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outnagon Main Light House, in the month of Dec, 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	4	54	6	33	14	41		1		1/2				Damp light breze W
2	4	53	6	34	14	42		1		1/2				— — — SW
3	4	51	6	36	14	42		1		1/2				— fresh wind NW & W
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
							0	3	0	1/2			3.2.1.1	

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

Order of Lens Fifth Kind of Light F W

Number of Wicks in burner One Diameter of outer burner 1 1/8 Inches

Written by me—

Jas Corgan

Keeper

Jas Corgan, Light-Keeper.

, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily _____ Light _____, in the month of _____, 18 ___,

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

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

Number of Wicks in burner ..... Diameter of outer burner .....

Written by me—

..... , *Light-Keeper.*

..... , *Ass't Keeper.*

.....

.....

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, FR + FW

YEAR AND DAY OF THE MONTH.		OIL.		WICKS.				CHIMNEYS.					CLEANING MATERIALS, &c.																							
1901.	Day.	order light, galls.	4th order lens, yards. / 5th " "	Reflector, doz.	~~Burners~~, doz. 4th 5th	Solar lamp.	Hand lamp & Lucernes, oz.	4th order lens, no. 5th	Ruby, 4th order.	Reflector, no.	Solar lamp, no.	Rod lamp, no.	Emery paper, sheets.	Sand paper, sheets.	Writing paper, quires	Blotting paper, sheets.	Rouge powder, oz.	Rotten stone, lbs.	Whiting, lbs	Calf-skin, pieces.	Linen towels, no.	Buff-skins, no.	Spirits wine, qts.	Clock oil, vials.	Soap, lbs.	Sponges, no.	Crash towels, no.	Spare filter cloth, no.	Spare rods, no.	Spare cord, revolving machine, no.	Spare lamp cords, no.	Lamp burners, no.	Hand lamps, no.			
March	31st	97.30.0	3/4	4				22	44				3	8	1/2	5					4	1			6	2	2									
April	30	78.1.0	3/4	3 1/2				22	44				2	6	1/2	4					3	1			3	2	1									
May	31st	55.1.3	2/3	3 1/2				22	43					6		3					2					1	1									
June	30th	34.2.0	5	3 1/4				22	41				1	4	1/2	2					1															
Bal July	31st	112.0.0	2	3 1/4				21	40																											
" August	31st	7.1.0	2	3 1/2				21	40				6	8	2	6					8	6			73	3	1									
" Sept	30th	331.3.0	8 13/32	2 1/2	1/6			93	90				5	6	1 7/8	4					7	4			66	3	1									
" Oct	31st	303.0.0	3/4		1/6			93	90				4	5	1 3/4	4					7	4			59	3	1									
" Nov	30th	321.0.0	3/4		1/6			93	90				4	5	1 3/4	3					6	4			53	3	1									
" Dec	31st	8.3.0	3/4		1/6			93	88				4	5	1 1/2	3					6	3			48	3	1									
1905 Jan	31st	9.3.0	57		26			93					4	5	1 1/4	3					5	3			42	2										
" Feb	28th	5.1.0	57		26			93					4	5	1 1/4	2					5	3			36	2										
" March	31st	5.2.1.0	57		26			93					4	5	1 1/4	2					5	3			29	2										
" April	30th	24.1.0.3	58		24			90	88				2	4	1	2					4	3			22	2										
" May	31	21.1.0.0	54		22			89	88				2	2	1	2					3	3			14	2										
" June	30th	233.2.0	58		3 1/2			89	88				5	11	3/4						3	8			85											
" July	31st	199.2.0.0	50		3 1/2			89	88				4	10	1 3/4						3	7			79											
" Aug	31st	174.0.0.0	47		3 1/4			89	88				4	8	1 1/2						2	7			74											
" Sept	30th	147.0.0.0	46		3 1/2			89	88				4	8	1 1/4						2	6			68											
" Oct	31st	116.1.1.0	45		2 11/12			89	88				3	8	1						1	5			60											
" Nov	30th	84.0.1.0	48		2 10/12			87	88				3	7	11/12						1	5			54											
" Dec	31st	70.0.0.0	47		2 3/4			86	87				3	6	8/12							5			49											
1906 " Jan	31st	60.1.3.0	46		2 3/4			86	87				3	6	8/12							5			43											
" Feb	28	52.1.3.0	45		2 3/4			86	87				3	6	8/12							5			36											
" March	31st	54.0.1.0	45		2 3/4			86	87				3	6	1/2							5			26											
" April	30	32.0.0.0	45		2 3/4			86	87				3	4	1/2							4			23											
" May	31st	70.0.0.0	44		2 1/2			86	85				2	3	1/4							3			17											

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F R + F W

YEAR AND DAY OF THE MONTH. 1901.	Day.	OIL. order light, galls.	WICKS. order lens, yards.	Reflector, doz.	Rod lamp, doz.	Solar lamp.	Hand lamp & Lucernes, oz.	CHIMNEYS. order lens, no.	Ruby, 4th order.	Reflector, no.	Solar lamp, no.	Rod lamp, no.	CLEANING MATERIALS, &c. Emery paper, sheets.	Sand paper, sheets.	Writing paper, quires	Blotting paper, sheets.	Rouge powder, oz.	Rotten stone, lbs.	Whiting, lbs.	Calf-skin, pieces.	Linen towels, no.	Buff-skins, no.	Spirits wine, qts.	Clock oil, vials.	Soap, lbs.	Sponges, no.	Crash towels, no.	Spare filter cloth, no.	Spare rods, no.	Spare cord, revolving machine, no.	Spare lamp cords, no.	Lamp burners, no.	Hand lamps, no.
Ex March	31st	3.3.1.1											1	2	1/4						1				4		1						
" April	30	19.2.2.4	2	3/12																	1	1			3	1							
" May	31st	23.8.0.2	2	2/12																													
" June	30	21.0.1.2							1				1	2	1/4	1					1	1											
" July	31st	22.3.1.2	2	2/12				1	2				1	1		2					1												
" August	31st	24.1.0.3	3	3/12	2/12								1	2											2	1							
" Septr	30	25.1.1.3	2	6/12	2/12										1/8	2					1	2			7		1						
" Octr	31st	30.3.0.3	1	4/12									1	1											6								
" Novr	30	32.1.0.3	1	4/12											1/4										5								
" Dec	31st	13.3.0.2	1	4/12																		1			6								
1905 " Jan	31st	9.3.0.0	1	4											1/4						1				7								
" Feb		5.2.1.0	1	4																					7								
" March		5.2.1.0.3						1					2	1	1/4						1				7								
" April		24.1.0.4	1	2/12				2	1				1	2											8								
" May		21.1.1.0.3	1	2/12				1					1												7								
" June		23.3.1.2.4	1 3/4	2/12																		1			8								
" July		25.1.3.3	1 3/4	2/12										2											7								
" Aug		27.0.0.3	1 3/4	1/6																		2			6								
" Sept		30.2.0.3	1 3/4	1/6									1								1	1			5								
" Oct		32.0.1.3	1 3/4	1/6			2							1							1				8								
" Nov		13.0.0.4	1 3/4	1/6			1		1					1											8								
" Dec		13.0.1.2.4																							6								
1906 " Jan		5.3.0.0																							6								
" Feb		5.2.0.0																							6								
" March		5.2.0.4												2								2			7								
" April		23.0.1.4	1 3/4	1/6									1	1								1			10								
" May		24.0.0.0	1 3/4	1/6					2																28								
" June																									6								

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, FR + FW

YEAR AND DAY OF THE MONTH.		CLEANING MATERIALS.			BRUSHES.																												
1901.	Day.	Filtering sand, galls.	Sets valves, sets.	Valve leathers, sets.	Flexible, for cleaning lamps, no.	Paint, large, no.	Paint, small, no.	Coal tar, no.	Chimney, no.	Clockmakers', no.	Camel's hair, no.	Feather, no.	Silverplaters', no.	Wolf's head, no.	Flat, for putting dissolved rouge and whiting on apparatus, no.	Whitewash, no.	Sash, no.	Hand, no.	Clamp or scrub, no.	Sweeping, no.	Chimney flannels, no.	Paint, white, ground in oil, lbs.	Paint, black, ground in oil, lbs.	Dry red lead, lbs.	Dry white lead, lbs.	Yellow paint, lbs.	Lamp-black, lbs.	Boiled oil, galls.	Spirits turpentine, galls.	Coal tar, galls.	Litharge, lbs.	Drying, bottles.
March	31st					1	1			1						1			1	1		4	1					1½	½			1
April	30th									1										1		2	1					3/4				½
May	31st																			1		½	½					¼				
Bal. June	30th																			1												
" July	31st																			1												
" Augt	31st						2									2				1		4	4					2	2			2
" Septr	30						2									2				1		3	3					1¾	1¾			2
" Octr	31st						2									2				1		3	3					1¾				2
" Nov	30						2									2				1		3	3					1¾				2
" Dec	31st						2									2				1		3	3					1¾				2
" Jan	31st						2									2				1		3	3					1¾				2
" Feb	28						2									2				1		3	3					1¾				2
" March	31						2									2				1		3	3					1¾				2
" April	30						1									1				1		2	2					3/4	1¼			1
" May	31st						1									1				1		1	2					¾	¾			1
" June	30th						3			2						3	1			1		4¼	5½					2¼				1
" July	31st						3			2						2	1			1		4	5					2				3¼
" Aug	31st						2			2						2	1			1		3	4½					1¾				3/4
" Sept	30th						2			1						2	1			1		2¾	4½					1¾				½
" Oct	31st						2			1						2	1			1		2½	4½					1¾				½
" Nov	30th						2			1						2	1			1		2½	4½					1¾				½
" Dec	31st						2			1						2	1			1		2½	4½					1¾				½
1902 " Jan	31st						2			1						2	1			1		2½	4½					1¾				½
" Feb	28						2			1						2	1			1		2½	4½					1¾				½
" Mch	31st						2			1						2	1			1		2½	4½					1				½
" April	30						1			1						1	1			1		2	4½					1½				½
" May	31st						1			1						1				1		1	3					¾				½
" June	30																															

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

Number of lights and order of apparatus, Two 4th & 5th Description of light, F R & F. W

YEAR AND DAY OF THE MONTH.		CLEANING MATERIALS.			BRUSHES.																														
1901.	Day.	Filtering sand, galls.	Sets valves, sets.	Valve leathers, sets.	Flexible, for cleaning lamps, no	Paint, large, no.	Paint, small, no.	Coal tar, no.	Chimney, no.	Clockmakers', no.	Camel's hair, no.	Feather, no.	Silverplaters', no.	Wolf's head, no.	Flat, for putting dissolved rouge and whiting on apparatus, no.	Whitewash, no.	Sash, no.	Hand, no.	Clamp or scrub, no.	Sweeping, no.	Chimney flannels, no.	Paint, white, ground in oil, lbs.	Paint, black, ground in oil, lbs.	Dry red lead, lbs.	Dry white lead, lbs.	Yellow paint, lbs.	Lamp-black, lbs.	Boiled oil, galls.	Spirits turpentine, galls.	Coal tar, galls.	Litharge, lbs.	Drying, bottles.
Ex March	31st					1	1									1			1			2						3/4	1/2			
" April	30th									1												1/2	1/2					1/2				
" May	31st																															
" June	30th									1												1/2						1/4				
" July	31st															None																
" August	31st																											1/4	1/4			
" Septr	30th																					1	1					1/4	1/4			
" Octr	31st															None																
" Novr	30															None																
" Dec	31st															None																
- Jan	31st															None																
- Feb	28															None																
- March	31st															None																
- April	30						1									1						1	1					1	3/4			
- May	31						1															1							3/4			
- June	30																					3/4										
- July	31st						1															1/4										
- Aug	31st									1																		1/2				
- Sept	30																											1/4				
- Oct	31st																											1/4				
- Nov	30															None																
- Dec	31st															None																
- Jan 1906	31st															None																
- Feb	28																											3/4				
- March	31st						1										1					1/2						1/2				
- April	30																					1						1/4				
- May	31																															
- June	30																															

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F.B + F.W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Tin paint buckets, no.	Putty, in bladders, lbs.	GLASS FOR GLAZING, &c. 10 inches by 14 inches, no.	12 inches by 12 inches, no.	inches by inches, no.	inches by inches, no.	inches by inches, no.	inches by inches, no.	SCISSORS. Curved, no.	Straight, no.	BROOMS. Hickory or ash, no.	Corn, no.	FILES. Flat or bastard, no.	Half-round, no.	Rat-tail, no.	Handsaw, no.	Clockmakers', no.	Handles for files, no.	Foot scales of inches and tenths, no.	Wood rasps, no.	Solder, lbs.	Aprons, no.	Rosin, lbs.	Lime, bbls.	Prickers for remov'g charred wick, no.	Time markers, no.	Cans, 5-galls.	Cans, 3-galls.	Trimming-hooks for removing charred wick, no.	Pens, steel, doz.	Ink, ~~quarts or~~ pints.	Penholders, no.
March	31st																				1		1		1/4						9/12	1/4	1
April	30th																				1		1		1/4						2/3	1/4	1
May	31st																				1		1								7/12	1/8	1
Bal" June	30th																				1		1								1/2		1
" July	31st																														1/4		1
" Augt	31st			4																	1		1								11/12	1	1
" Septr	30th			4																	1		1								13/12	7/8	1
" Octr	31st			4																	1		1								3/4	7/8	1
" Nov	30th			3																	1		1								2/3	1/2	1
1905 Dec	31st			3																	1		1								7/12		1
" Jan	31st			3																	1		1								7/12		1
" Feb	28			2																	1		1								7/12		1
" March	31			2																	1		1								1/2		1
" April	30			1																	1		1								1/2		1
" May	31st			1																	1		1								5/12		1
" June	30			7	6																1		1								1 1/4		
" July	31st			7	6																1		1								1 1/4		
" Aug	31			5	6																1		1								1		
" Sep	30			5	6																1		1								1		
" Oct	31			3	6																1		1								7/8		
" Nov	30			3	6																1		1								7/8		
" Dec	31				6																1		1								3/4		
" Jan 1906	31				6																1		1								3/4		
" Feb	28				6																1		1								7/12		
" March	31				6																1		1								1/2		
" April	30				6																1		1								1/2		
" May	31st				6																		1								1/2		
" June	30				6																		1										

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F. R + F. W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Tin paint buckets, no.	Putty, in bladders, lbs.	GLASS FOR GLAZING, &c. 10 inches by 14 inches, no.	12 inches by 12 inches, no.	inches by inches, no.	inches by inches, no.	inches by inches, no.	inches by inches, no.	SCISSORS. Curved, no.	Straight, no.	BROOMS. Hickory or ash, no.	Corn, no.	FILES. Flat or bastard, no.	Half-round, no.	Rat-tail, no.	Handsaw, no.	Clockmakers', no.	Handles for files, no.	Foot scales of inches and tenths, no.	Wood rasps, no.	Solder, lbs.	Aprons, no.	Rosin, lbs.	Lime, bbls.	Pricker for remov'g charred wick, no.	Time markers, no.	Cans, 5-galls.	Cans, 3-galls.	Trimming-hooks for removing charred wick, no.	Pens, steel, doz.	Ink, ~~quarts or~~ pints.	Penholders, no.
Ex March	31st																															1/2		
" April	30th																								1/4							1/2	1/4	
" May	31st																															1/2		
" June	30th																															1/2	1/8	
" July	31st																															1/2		
" August	31st																															1/2		
" Sept	30																															1/2	1/8	
" Octo	31st																															1/2		
" Nov	30th		1																													1/2		
" Dec	31st																															1/2		
1902 " Jan	31st																															1/2		
" Feb	28th		1																													1/2		
" Mch	31st																															1/2		
" April	30		1																															
" May	31st																															1/2		
" June	30																																	
" July	31			2																														
" Aug	31																																	
" Sep	30			2																														
" Oct	31																																	
" Nov	30			3																														
" Dec	31																																	
1903 " Jan	31																																	
" Feb	28																																	
" Mch	31st																																	
" April	30																																	
" May	31																																	
" June	30																																	

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F. R + F. W

YEAR AND DAY OF THE MONTH.		Inkstands, no.	Almanac, no.	Slates, no.	Envelopes with 24 c. stamps, no.	Envelopes with 12 c. stamps, no.	Envelopes with 6 c. stamps, no.	Envelopes with 3 c. stamps, no.	Lead pencils, no.	Slate pencils, no.	Instructions and Directions, vol. 1871, no.	List, illuminating apparatus, no.	Rules and Regulations L. H. Board, 1871, vols.	INSTRUCTIONS FOR THE MANAGEMENT OF LAMPS. Lepaute's, no.	Moderator, no.	Franklin's hydraulic, no.	Moderator, 4th, 5th, and 6th order, no.	Funck's hydraulic, no.	RETURNS. Daily expenditures, no.	Wreck returns, annual, no.	Pausing vessels, no.	Extra supplies, no.	Absences, no	Wreck reports, no.	Provision, no.	Annual, apparatus, &c., no	Annual, supplies, no.	Annual, apparatus, &c., for light-vessels, no.	Reports light-vessel moorings, no.
1901.	Day.																												
March	31st	1		1	12	18		15	1	4	1		1						2				6	2					
April	30th	1		1	12	15		14	1	4	1		1						2				5	2					
May	31st	1		1	12	11		14	1	4	1		1						2				4	2					
Bal" June	30th	1		1	11	10		11		4	1		1						1	2			3	2					
" July	31st	1		1	11	8		10		3	1		1						1	2			2	2					
" August	31st	1		1	9	6		9		2	1		1						1	2			1	2					
" Sept	30th	1		1	8	6		8		5	1		1						1	3			12	3					
" Oct	31st	1		1	8	6		8		5	1		1						6	3			15	3					
" Nov	30th	1		1	8	6		7		4	1		1						6	3			14	3					
" Dec	31st	1		1	7	5		7		4	1		1						6	3			13	3					
1902 " Jan	31st	1		1	7	5		7		4	1		1						5	3			12	3					
" Feb	28	1		1	7	5		6		4	1		1						5	3			11	3					
" March	31st	1		1	6	4		6		4	1		1						4	3			10	3					
" April	30	1		1	6	4		6		3	1		1						4	3			9	3					
" May	31st	1		1	6	4		4		3	1		1						4	3			8	3					
" June	30	1		1	6	28		4		3	1		1						8	3			28	3					
" July	31st	1		1	6	24		4		3	1		1						8	3			26	3					
" Aug	31st	1		1	4	20		4		6	1		1						6	3			24	3					
" Sep	30th	1		1	4	16		4		5	1		1						6	3			22	3					
" Oct	31st	1		1	4	14		4		5	1		1						4	3			20	3					
" Nov	30th	1		1	4	11		4		5	1		1						4	3			18	3					
" Dec	31st	1		1	3	9		4		5	1		1						4	3			16	3					
1903 " Jan	31st	1		1	3	8		3		4	1		1						3	3			14	3					
" Feb	28th	1		1	3	7		3		4	1		1						3	3			12	3					
" Mch	31st	1		1	2	6		3		4	1		1						3	3			10	3					
" April	30	1		1	2	5		3		4	1		1						2	3			8	3					
" May	31st	1		1	2	4		3		3	1		1						2	3			6	3					
" June	30th																												

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F.R + F.W

YEAR AND DAY OF THE MONTH.													INSTRUCTIONS FOR THE MANAGEMENT OF LAMPS.					RETURNS										
1901.	Day.	Inkstands, no.	Almanac, no.	Slates, no.	Envelopes with 24 c. stamps, no.	Envelopes with 12 c. stamps, no.	Envelopes with 6 c. stamps, no.	Envelopes with 3 c. stamps, no.	Lead pencils, no.	Slate pencils, no.	Instructions and Directions, vol. 1871, no.	List, illuminating apparatus, no.	Rules and Regulations, L. H. Board, 1871, vols.	Lepaute's, no.	Moderator, no.	Franklin's hydraulic, no.	Moderator, 4th, 5th, and 6th order, no.	Funck's hydraulic, no.	Daily expenditures, no.	Wreck returns, annual, no.	Passing vessels, no.	Extra supplies, no.	Absences, no	Wreck reports, no.	Provision, no.	Annual, apparatus, &c., no	Annual, supplies, no.	Annual, apparatus, &c., for light-vessels, no.	Reports light-vessel moorings, no.
Ex" March	31st																						1					
" April	30th					3		1															1					
" May	31st					4																	1					
" June	30th				1	1	1	3	1										1				1					
" July	31st					2		1		1													1					
" August	31st					2		1		1													1					
" Sept	30th					2		1		1									1				1					
" Oct	31st																						1					
" Nov	30th																						1					
Dec	31st					1	1	1											1				1					
1905 " Jan	31st																						1					
" Feb	28																						1					
" Mch	31st					1	1	1											1				1					
" April	30					1		2															1					
" May	31					2		1															1					
" June	30					1		1											2				1					
" July	31					2																	1					
" Aug	31					1		1															1					
" Sep	30					1		1											2				1					
" Oct	31					1		1															1					
" Nov	30					1		1															1					
" Dec	31					1		1											2				1					
" Jan 1906	31					2																	1					
" Feb	28					2																	1					
" Mch	31					2													2				1					
" April	30					2																	1					
" May	31					2																	1					
" June	30																						1					

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F R + F. W

YEAR AND DAY OF THE MONTH.		VOUCHERS.				BLANK BOOKS, &c.																						
1901.	Day.	Keeper's salary, no.	Assistant keeper's salary, no.	Light-vessel keeper's salary, no.	Pay-roll light-vessels, no.	Expenditures, no.	Wreck, no.	Passing vessels, no.	Journal, no.	Memorandum, no.	Tables, lengths nights, no.	Rules and instructions, placard.	Notice to visitors, placard.	Directions for fog-bells, &c., placard.	Ration tables, placard.	Keeper's duties, placard.	Index to rules, &c., placard.	Postage envelopes, placard.	Purifying rainwater, placard.	Painting and mixing paints, placard.	Dwelling-tower, &c., in order, placard.	Boats, placard.	Care of oil-butts, placard.	General order, placard.	Extract from laws, &c., placard.	Instructions and directions, 1, 2, and 3, placard	Wood, cords.	Coal, tons.
March	31st					3	1		1		1	1	3															
April	30					3	1		1		1	1	3															
May	31st					3	1		1		1	1	3															
June	30th					2	1		1		1		3															
Bal July	31st					1	1		1		1	1	3															
" August	31st					1	1		1		1	1	3															
" Septr	30					1	1		1		1	1	3															
" Octr	31st					1	1		1		1	1	3															
" Nov	30th					1	1		1		1	1	3															
- Dec	31st					1	1		1		1	1	3															
1905 - Jan	31st					1	1		1		1	1	3															
- Feb	28					1	1		1		1	1	3															
- March	31st					1	1		1		1	1	3															
- April	30					1	1		1		1	1	3															
- May	31st					1	1		1		1	1	3															
- June	30					1	1		1		1	1	3															
- July	31					1	1		1		1	1	3															
- Aug	31					1	1		1		1	1	2															
- Sep	30					1	1				1	1	2															
- Oct	31					1	1				1	1	2															
- Nov	30					1	1				1	1	2															
- Dec	31					1	1				1	1	2															
1906 - Jan	31					1	1				1	1	2															
- Feb	28					1	1				1	1	2															
- Mch	31					1	1				1	1	2															
- April	30					1	1				1	1	2															
- May	31					1	1				1	1	2															
- June	30																											

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, F R + F. W

YEAR AND DAY OF THE MONTH. 1901.	Day.	VOUCHERS. Keeper's salary, no.	Assistant keeper's salary, no.	Light-vessel keeper's salary, no.	Pay-roll light-vessels, no.	BLANK BOOKS, &c. Expenditures, no.	Wreck, no.	Passing vessels, no.	Journal, no.	Memorandum, no.	Tables, lengths nights, no.	Rules and instructions, placard.	Notice to visitors, placard.	Directions for fog-bells, &c., placard.	Ration tables, placard.	Keeper's duties, placard.	Index to rules, &c., placard.	Postage envelopes, placard.	Purifying rainwater, placard.	Painting and mixing paints, placard.	Dwelling-tower, &c., in order, placard.	Boats, placard.	Care of oil-butts, placard.	General order, placard.	Extract from laws, &c., placard.	Instructions and directions, 1, 2, and 3, placard.	Wood, cords.	Coal, tons.
Ex March	31st																	None										
" April	30th																	None										
" May	31st																	None										
" June	30th					1																						
" July	31st					1																						
" August	31st																	None										
" Sept	30																	None										
" Nov	30																	None										
" Dec	31st																	None										
1905 Jan	31st																	None										
" Feb	28																	None										
" Mch	31st																	None										
" April	30																	None										
" May	31																	None										
" June	30																	None										
" July	31st																	None										
" Aug	31st												1															
" Sep	30																	None										
" Oct	31st																	None										
" Nov	30																	None										
" Dec	31																	None										
1906 Jan	31																	None										
" Feb	28																	None										
" Mch	31																	None										
" April	30																	None										
" May	31																	None										
" June	30																											

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

Number of lights and order of apparatus, Two 4th & 5th Description of light, F R & F W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Sheet-iron chimney and damper.	Lantern ladder, iron.	Pedestal for apparatus.	Revolving machinery.	Service table.	Lightning conductor.	Storm panes.	Lamps, 4 & 5th order.	Rod lamps.	Lucernes or lighting lamps.	Alarm bells.	Lamp heaters, metallic.	Spare burners.	Service box.	Lamp stands.	Measure, 250 grams.	Measure de meter (double).	Plummet and line.	Large spirit level.	Small spirit level.	Circular level.	Dripping pans.	Trimming trays.	Wick measures.	Wick mandrels.	Curved scissors.	Straight scissors.	Lamp feeders.	Hand lamps or lanterns.	Valve mold and tools.	Jack-screws, 3 in set.	Chimney lifters.	Screw drivers.	Screw wrenches.	Crank keys.
March	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
April	30th		1	2		1	1	10	6						1						2	1			1					1				1	1	
May	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
Balance June	30th		1	2		1	1	10	6						1						2	1			1					1				1	1	
" July	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
" August	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Septr	30		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Octr	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Nov	30		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Dec	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
1902 Jan	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Feb	28		1	2		1	1	10	6						1						2	1			1					1				1	1	
" Mch	31		1	2		1	1	10	6						1						2	1			1					1				1	1	
" April	30th		1	2		1	1	10	6						1						2	1			1					1				1	1	
" May	31st		1	2		1	1	10	6						1						2	1			1					1				1	1	
" June	30th		1	2		1	1	10	6						1						2	1			1					1				1	1	

GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) consumed at the Light-houses at Outonagon.

Number of lights and order of apparatus, Two 4th & 5th Description of light, Q R & F W

YEAR AND DAY OF THE MONTH.		Sheet-iron chimney and damper.	Lantern ladder, iron.	Pedestal for apparatus.	Revolving machinery.	Service table.	Lightning conductor.	Storm panes	Lamps, order.	Rod lamps.	Lucernes or lighting lamps.	Alarm bells.	Lamp heaters, metallic.	Spare burners.	Service box.	Lamp stands.	Measure, 250 grains.	Measure 1/10 meter (double).	Plummet and line.	Larges spirit level.	Small spirit level.	Circular level.	Dripping pans.	Trimming trays.	Wick measures.	Wick mandrels.	Curved scissors.	Straight scissors.	Lamp feeders.	Hand lamps or lanterns.	Valve mold and tools.	Jack-screws, 3 in set.	Chimney lifters.	Screw drivers.	Screw wrenches.	Crank keys.
1901.	Day.																																			
Ex March	31st																None																			
" April	30th																None																			
" May	31st																None																			
" June	30																None																			
" July	31st																None																			
" August	31st																None																			
" Septr	30																None																			
" Octr	31st																None																			
" Nov	30																None																			
" Dec	31st																None																			
1905 Jan	31st																None																			
" Feb	28																None																			
" Mch	31st																None																			
" April	30																																			
" May	31st																None																			
" June	30th																None																			
" July	31st																None																			
" Aug	31st																None																			
" Sept	30																None																			
" Oct	31st																None																			
" Nov	30																None																			
" Dec	31																None																			
1906 Jany	31																None																			
" Feb	28																None																			
" Mch	31st																None																			
" April	30																None																			
" May	31st																None																			
" June	30																																			

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

Number of lights and order of apparatus, Two 4th & 5th Description of light, F.R & F.W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Lamp scrapers (triangular).	Tinder box, flint and steel.	Glaziers' diamond.	Glaziers' knives.	Glaziers' pincers.	Two-foot rules	Double slates	Single slates.	Measuring line.	Hammers.	Hatchets.	Slip scrapers.	Soldering irons.	Soldering furnace.	Light-house clock.	Lantern curtains.	Apparatus covers.	Lamp covers.	Keepers' aprons.	Feather brushes.	Dusting brushes.	Dust pans.	Sweeping brushes.	Wolf-head brushes.	White mops.	Spare fly or governor.	Spare damper.	Rouge box.	Whiting box.	Valve box.	White lead, dry, box.	Red lead, dry, box.	Sand box.	Wick box.	Spirits wine can.
Bal. March	31st				1		1	1			1			1		1	1	2		1	2		2	1						1			1		1	
April	30th				1		1	1			1			1		1	1	2		1	2		2	1						1			1		1	
May	31st				1		1	1			1			1		1	1	2		1	2		2	1						1			1		1	
Bal. June	30th				1		1	1			1			1		1	1	2		1	1		2	1						1			1		1	
" July	31st				1		1	1			1			1		1	1	1		1	0		2	1						1			1		1	
" August	31st				1		1	1			1			1		1		1		1			2	1						1			1		1	
" Sept.	30th				1		1	1			1			1		1		1		1	2		2	1						1			1		1	
" Oct.	31st				1		1				1			1		1	4	4		1	2	3	3	1						1			1		1	
Nov	30th				1		1				1			1		1	4	4		1	2	2	3	1						1			1		1	
Dec	31st				1		1				1			1		1	4	4		1	1	2	3	1						1			1		1	
1905 Jan	31st				1		1				1			1		1	4	4		1	1	2	3	1						1			1		1	
Feb	28th				1		1				1			1		1	4	4		1	1	1	3	1						1			1		1	
" Mch	31st				1		1				1			1		1	4	4		1	1	1	3	1						1			1		1	
" April	30th				1		1				1			1		1	4	4		1	1	1	3	1						1			1		1	
" May	31st				1		1				1			1		1	4	4		1	1	1	3	1						1			1		1	
" June	30th				1		1				1			1		1	4	4		1	3	3	3	1						1			1		1	
" July	31st				1		1				1			1		1	3	4		1	3	3	3	1						1			1		1	
" Aug	31st				1		1				1			1		1	3	4		1	3	2	3	1						1			1		1	
" Sep	30th				1		1				1			1		1	3	4		1	3	2	3	1						1			1		1	
" Oct	31st				1		1				1			1		1	3	4		1	3	2	3	1						1			1		1	
" Nov	30th				1		1				1			1		1	3	4		1	3	2	3	1						1			1		1	
" Dec	31st				1		1				1			1		1	3	4		1	3	2	3	1						1			1		1	
1906 " Jan	31st				1		1				1			1		1	3	4		1	2	2	3	1						1			1		1	
" Feb	28th				1		1				1			1		1	3	4		1	2	2	3	1						1			1		1	
" Mch	31st				1		1				1			1		1	3	4		1	2	2	3	1						1			1		1	
" April	30th				1		1				1			1		1	3	3		1	2	1	3	1						1			1		1	
" May	31st				1		1				1			1		1	3	3		1	2	1	3	1						1			1		1	
" June	30th																																				

GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) consumed at the Light-houses at Quoddy

Number of lights and order of apparatus, Two 4th r 5th Description of light, F R & F. W

YEAR AND DAY OF THE MONTH. 1901. Day.	Lamp scrapers (triangular).	Tinder box, flint and steel.	Glaziers' diamond.	Glaziers' knives.	Glaziers' pincers.	Two-foot rules	Double slates	Single slates.	Measuring line.	Hammers.	Hatchets.	Ship scrapers.	Soldering irons.	Soldering furnace.	Light-house clock.	Lantern curtains.	Apparatus covers.	Lamp covers.	Keepers' aprons.	Feather brushes.	Dusting brushes.	Dust pans.	Sweeping brushes.	Wolfhead brushes.	White mops.	Spare fly or governor.	Spare damper.	Rouge box.	Whiting box.	Valve box.	White lead, dry, box.	Red lead, dry, box.	Sand box.	Wick box.	Spirits wine can.
Ex March 31st																	None																		
" April 30th																	None																		
" May 31st																	None																		
" June 30th																	None			1															
" July 31st																	None																		
" August 31st																	None																		
" Sept 30																	None																		
" Oct 31st																	None																		
" Nov 30																	None																		
" Dec 31st																	None				1														
1905 Jan 31st																	None																		
" Feb 28																	None																		
" Mch 31st																	None																		
" April 30																					1														
" May 31st																	None																		
" June 30																	None																		
" July 31st																	None																		
" Aug 31st																	None																		
" Sep 30th																	None																		
" Oct 31st																	None																		
" Nov 30																	None																		
" 1906 Jan 31st																	None																		
" Feb 28th																	None																		
" Mch 31st																	None																		
" April 30th																	None																		
" May 31st																	None																		
" June 30th																	None																		

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

Number of lights and order of apparatus, Two 4th + 5th Description of light, GR + FW

YEAR AND DAY OF THE MONTH. 1901.	Day.	Spirits turpentine can.	Boiled 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 rods for oil butts.	Gauge rod, ½-meter, for oil cistern.	Junk swabs.	Paint buckets, tin.	Pairs pliers for large lights.	Pairs pliers for small lights.	Pairs flat pincers.	Pairs nippers.	Hand vise.	Bench vise.	Drill and bits.	Pairs forceps.	Hand saws.	Tenon saws.	Gimlets, assorted.	Augers, assorted sizes.	Yards metallic cord.	Calipers.	Punches, different sizes.
Bal March	31st	1	1					1			1				1	2	4/5							1						1	1					
April	30th	1	1					1			1				1	2	4/5							1						1	1					
May	31st	1	1					1			1				1	2	4/5							1						1	1					
Bal" June	30th	1	1					1			1				1	2	4/5							1						1	1					
" July	31st	1	1					1			1				1	2	4/5							1						1	1					
" Augst	31st	1	1					1			1				1	2	4/5							1						1	1					
" Septr	30	1	1					1			1				1	2	4/5							1						1	1					
" Octr	31st	1						1			1				1	2	4/5							1						1	1					
" Nov	30	1						1			1				1	2	4/5							1						1	1					
" Dec	31st	1						1			1				1	2	4/5							1						1	1					
1902 Jan	31st	1						1			1				1	2	4/5							1						1	1					
" Feb	28	1						1			1				1	2	4/5							1						1	1					
" Mar	31st	1						1			1				1	2	4/5							1						1	1					
" April	30	1						1			1				1	2	4/5							1						1	1					
" May	31	1						1			1				1	2	4/5							1						1	1					
" June	30	1						1			1				1	2	4/5							1						1	1					
" July	31st	1						1			1				1	2	4/5							1						1	1					
" Aug	31st	1						1			1				1	2	4/5							1						1	1					
" Sep	30	1						1			1				1	2	4/5							1						1	1					
" Oct	31st	1						1			1				1	2	4/5							1						1	1					
" Nov	30	1						1			1				1	2	4/5							1						1	1					
" Dec	31st	1						1			1				1	2	4/5							1						1	1					
1903 " Jan	31st	1						1			1				1	2	4/5							1						1	1					
" Feb	28	1						1			1				1	2	4/5							1						1	1					
" Mch	31st	1						1			1				1	2	4/5							1						1	1					
" April	30	1						1			1				1	2	4/5							1						1	1					
" May	31st	1						1			1				1	2	4/5							1						1	1					
" June	30																																			

GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) consumed at the Light-house at Quoddy

Number of lights and order of apparatus, Two 4th & 5th Description of light, F.R & F.W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Spirits turpentine can.	Boiled 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 rods for oil butts.	Gauge rod, 1/10-meter, for oil cistern.	Junk swabs.	Paint buckets, tin.	Pairs pliers for large lights.	Pairs pliers for small lights.	Pairs flat pincers.	Pairs nippers.	Hand vise.	Bench vise.	Drill and bits.	Pairs forceps.	Hand saws.	Tenon saws.	Gimlets, assorted.	Augers, assorted sizes.	Yards metallic cord.	Calipers.	Punches, different sizes.
Ex" March	31st																None																			
" April	30th																None																			
" May	31st																None																			
" June	30th																None																			
" July	31st																None																			
" August	31st																None																			
" Sept	30																None																			
" Oct	31																None																			
" Nov	30																None																			
" Dec	31st																None																			
1902 Jan	31st																None																			
" Feb	28																None																			
" Mch	31st																None																			
" April	30																None																			
" May	31st																None																			
" June	30																None																			

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

Number of lights and order of apparatus, Two 4th & 5th Description of light, F. R & F. W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Wood chisels, different sizes.	Cold-chisels.	Jack planes.	Smoothing planes.	National flag.	Flag halliards and blocks.	Flagstaff.	Wood axes.	Wood-horse and saw.	Oil-stone for sharpening tools.	Spades, for keeping grounds in order.	Shovels, for keeping grounds in order.	Medicine chest.	Grocer's scales and set of weights.	Beam scale or steelyard.	German files.	Handles for files.	Cooking stove and fixtures.	Lantern or watch-room stove and fixtures.	Wooden ladder for whitewashing tower and buildings.	Set blocks and tackle falls, for hoisting and lowering ladder around tower in painting or whitewashing.	Row boat, with equipments complete.	Sail boat, with equipments complete.	Fog bell by hand. Arrow	Fog bell by machinery.	Fog whistle, steam.	Tool chest.	Spare damper keys.	Bed-room bell from lantern.	Pine table in watch-room	Storm Windows
Bal" March	31st			1	1				1	1	1		1								1				1							14
April	30			1	1				1	1	1		1								1				1							14
May	31st			1	1				1	1	1		1								1				1							14
Bal" June	30th			1	1				1	1	1		1								1				1							14
" July	31st			1	1				1	1	1		1								1				1							14
" Augt	31st			1	1				1	1	1		1								1				1							14
" Sept	30			1	1				1	1	1		1								1				1							14
" Oct	31st			1	1				1	1	1		1								1				1							16
" Nov	30			1	1				1	1	1		1								1				1							16
" Dec	31st			1	1				1	1	1		1								1				1							16
1902 " Jan	31st			1	1				1	1	1		1								1				1							16
" Feb	28			1	1				1	1	1		1								1				1							16
" Mch	31st			1	1				1	1	1		1								1				1							16
" April	30			1	1				1	1	1		1								1				1							16
" May	31st			1	1				1	1	1		1								1				1							16
" June	30			1	1				1	1	1		1								1				1							16
" July	31st			1	1				1	1	1		1								1				1							16
" Aug	31st			1	1				1	1	1		1								1				1							16
" Sep	30			1	1				1	1	1		1								1				1							16
" Oct	31st			1	1				1	1	1		1								1				1							16
" Nov	30			1	1				1	1	1		1								1				1							16
" Dec	31st			1	1				1	1	1		1								1				1							16
1903 " Jan	31			1	1				1	1	1		1								1				1							16
" Feb	28			1	1				1	1	1		1								1				1							16
" Mch	31st			1	1				1	1	1		1								1				1							16
" April	30			1	1				1	1	1		1								1				1							16
" May	31			1	1				1	1	1		1								1				1							
" June	30			1																												

GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) consumed at the Light-houses at Ontonagon

Number of lights and order of apparatus, Two 4th + 5th Description of light, F.R + F.W

YEAR AND DAY OF THE MONTH. 1901.	Day.	Wood chisels, different sizes.	Cold-chisels.	Jack planes.	Smoothing planes.	National flag.	Flag halliards and blocks.	Flagstaff.	Wood axes.	Wood-horse and saw.	Oil-stone for sharpening tools.	Spades, for keeping grounds in order.	Shovels, for keeping grounds in order.	Medicine chest.	Grocer's scales and set of weights.	Beam scale or steelyard.	German files.	Handles for files.	Cooking stove and fixtures.	Lantern or watch-room stove and fixtures.	Wooden ladder for whitewashing tower and buildings.	Set blocks and tackle falls for hoisting and lowering staging around tower in painting or whitewashing.	Row boat, with equipments complete.	Sail boat, with equipments complete.	Fog bell by hand.	Fog bell by machinery.	Fog whistle, steam.	Tool chest.	Spare damper keys.	Bed-room bell from lantern.	Fine table in watch-room.	Storm Windows
Ex March	31st															None																
" April	30th															None																
" May	31st															None																
" June	30th															None																
" July	31st															None																
" August	31st									Aug 20 Lo						J. A. Wilson Insp																
" Septr	30															None																
" Octr	31st															None																
" Nov	30															None																
" Dec	31st															None																
1905 " Jan	31st															None																
" Feb	28															None																
" Mch	31															None																
" April	30															None																
" May	31															None																
" June	30															None																
" July	31															None																
" Aug	31															None																
" Sep	30															None																
" Oct	31															None																
" Nov	30															None																
" Dec	31															None																
1906 " Jan	31															None																
" Feb	28															None																
" Mch	31															None																
" April	30															None																
" May	31															None																
" June	30															None																