

1892-  
1895

1892-1895

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 *Main Light House* *July 1st 1892*  
*Light Station Ontonagon* *70* *June 1st 1891*



75.41.2

Mrs. Arnold Hawk

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Main Light Outrigger* Light House, in the month of *July*, 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	7	40	4	27	8	46			1	1/2				dry fresh breeze N
2	7	40	4	27	8	47			1	1/2				- light - -
3	7	40	4	28	8	48			1	1/2				- - - bar
4	7	40	4	28	8	48			1	1/2				- Calm
5	7	39	4	29	8	50			1	1/2				- -
6	7	39	4	30	8	50			1	1/2				- -
7	7	38	4	30	8	51			1	1/2				- light breeze variable
8	7	38	4	31	8	52			1	1/2		7		- - - -
9	7	37	4	32	8	53			1	1/2				- - - -
10	7	37	4	33	8	54			1	1/2				Rain Calm
11	7	37	4	33	8	56			1	1/2				dry light breeze variable
12	7	37	4	34	8	56			1	1/2				- - - SW
13	7	36	4	35	8	58			1	1/2				- - - -
14	7	35	4	36	8	59			1	1/2				- Steady - variable
15	7	35	4	37	9	1			1	1/2				- - - N & S.W
16	7	34	4	37	9	3			1	1/2				- light - variable
17	7	33	4	38	9	5			1	1/2				- - - -
18	7	33	4	39	9	5			1	1/2				- Calm
19	7	32	4	40	9	7			1	1/2				- -
20	7	31	4	41	9	9			1	1/2				- light breeze variable
21	7	31	4	41	9	11			1	1/2		7		- Calm
22	7	30	4	42	9	12			1	1/2				- -
23	7	29	4	43	9	14			1	1/2				- very fresh wind SW
24	7	28	4	44	9	16			1	1/2				- Calm
25	7	26	4	45	9	18			1	1/2				- light breeze S.W.
26	7	27	4	46	9	20			1	1/2				- - - N
27	7	25	4	47	9	22			1	1/2				Rain Calm
28	7	24	4	48	9	24			1	1/2				dry -
29	7	23	4	49	9	26			1	1/2				- light breeze variable
30	7	22	4	50	9	28			1	1/2				- - - -
31	7	21	4	57	9	30	5	1	1	0 1/2	1	14	2.0.1.1	- steady - N

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House.....	5	1	1 1/8
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.....	7	3	0 1/8

Order of Lens *Gift* Kind of Light *P.W*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inch*  
 Written by me— *Jal Oregan*  
*Keeper*

*Jal Oregan*, Light-Keeper.  
 Ass't Keeper.

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32			1	1 3/4				Dry steady breeze N.E
2	7	19	4	53	9	35			1	1 3/4				" very fresh - S.W
3	7	18	4	54	9	37			1	1 3/4				" light " N.E
4	7	17	4	55	9	39			1	1 3/4				" " " Variable
5	7	16	4	56	9	41			1	1 3/4				" " " "
6	7	14	4	57	9	43			1	2				" " " "
7	7	13	4	58	9	46			1	2		7		" " " S
8	7	12	4	59	9	48			1	2				" fresh - N.E
9	7	11	5	0	9	50			1	2				Damp light - Variable
10	7	10	5	2	9	53			1	2				Dry - - -
11	7	8	5	3	9	55			1	2				Dry - - -
12	7	6	5	4	9	57			1	2				" Calm - - -
13	7	4	5	5	10	0			1	2				" - - -
14	7	3	5	6	10	2			1	2				" light breeze variable
15	7	2	5	7	10	5			1	2				" - - -
16	7	0	5	8	10	7			1	2				" steady - S.W
17	6	59	5	9	10	10			1	2 1/2				" Calm - - -
18	6	57	5	10	10	13			1	2 1/2				" 1/2 gale N
19	6	58	5	11	10	16			1	2 1/2				" light breeze variable
20	6	55	5	12	10	18			1	2 1/2				" - - -
21	6	53	5	13	10	21			1	2 1/2				" - - -
22	6	51	5	14	10	23			1	2 1/2		7		" - - -
23	6	49	5	15	10	26			1	2 1/2				" - - -
24	6	48	5	17	10	28			1	2 1/2				" - - - S to S.E
25	6	46	5	18	10	31			1	2 1/2				" - - -
26	6	45	5	19	10	34			1	2 1/2				" - - - N.E
27	6	43	5	20	10	36			1	2 1/2				" - - - variable
28	6	41	5	21	10	39			1	2 1/2				" fresh - S
29	6	40	5	22	10	42			1	2 1/2				Rain - wind N
30	6	38	5	23	10	44			1	2 1/2				" 3/4 gale N.W to N
1	6	36	5	24	10	47			1	2 1/2				Damp light breeze N.E
							5	3	1	0 1/2		14	2.3.0.1	

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

Order of Lens *5*  
 Kind of Light *S.W*  
 Number of Wicks in burner *one*  
 Diameter of outer burner *1/8 inch*  
 Written by me—  
*J. L. Morgan*  
*Keeper*

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *Cutwagon Main Light House* in the month of *September*, 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.						
1892																
1	6	35	5	25	10	49			1	2 1/2					damp light breeze S	
2	6	33	5	26	10	53			1	2 1/2					dry very fresh - -	
3	6	31	5	27	10	56			1	2 1/2					Rain light - variable	
4	6	30	5	29	10	59			1	2 1/2					damp - - -	
5	6	28	5	29	11	1			1	2 1/2					Rain - - -	
6	6	26	5	30	11	4			1	2 1/2					damp - - -	
7	6	25	5	31	11	7			1	2 1/2		7			dry steady breeze N.E	
8	6	23	5	32	11	10			1	2 1/2					- light - - -	
9	6	21	5	33	11	12			1	2 1/2					Rain - - variable	
10	6	19	5	34	11	15			1	2 1/2					- - -	
11	6	16	5	35	11	18			1	2 1/2					- fresh - N.E	
12	6	16	5	36	11	21			1	2 1/2					- - - W	
13	6	14	5	37	11	23			1	2 1/2					damp - - N.W	
14	6	12	5	39	11	26			1	2 1/2					Rain - - variable	
15	6	10	5	40	11	29			1	2 1/2					damp - - N.W & N	
16	6	9	5	41	11	32			1	2 1/2					- - - W	
17	6	7	5	42	11	34			1	2 1/2					dry - - S.W	
18	6	5	5	43	11	35			1	3					- - - N.E	
19	6	4	5	44	11	41			1	3					- light - - -	
20	6	2	5	45	11	44			1	3					- fresh - S.W & S	
21	6	0	5	46	11	46			1	3		7			- - - variable	
22	5	58	5	47	11	49			1	3					- - - S	
23	5	57	5	48	11	52			1	3					- - -	
24	5	55	5	49	11	55			1	3					Rain - - -	
25	5	53	5	50	11	57			1	3					dry - - -	
26	5	51	5	51	12	0			1	3					- - -	
27	5	50	5	52	12	3			1	3					- - - W	
28	5	48	5	54	12	6			1	3 1/2					- - -	
29	5	46	5	55	12	8			1	3 1/2					- - - wind S	
30	5	44	5	56	12	12			1	3 1/2					Rain - - - E	
31									6	1	10 1/2	2	14	3.3	1.6	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light <i>Main House</i> .....	6	1	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	3	3	1 1/4
Total quantity expended in this month.....	10	1	0 7/6

Order of Lens *5* Kind of Light *H.W*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8*  
 Written by me - *Cutwagon*  
*Keeper*

*Cutwagon*, Light-Keeper.  
 \_\_\_\_\_, Ass't Keeper.

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	5	42	5	57	12	15			1	3/4				dry light breeze E	
2	5	41	5	58	12	18			1	3/4				- - - - - van	
3	5	39	5	59	12	20			1	3/4				- fresh - W	
4	5	37	6	0	12	23				3/4				- - - - - N.E	
5	5	35	6	1	12	26			1	3/4				- - - - - variable	
6	5	33	6	3	12	29			1	3/4				- Smoky Calm	
7	5	32	6	4	12	31			1	3/4				7 Rain p. gale N.E	
8	5	30	6	5	12	34			1	3/4				damp light breeze variable	
9	5	29	6	6	12	38			1	3/4				- - - - -	
10	5	27	6	7	12	40			1	3/4				dry fresh wind N.E	
11	5	25	6	8	12	43			1	3/4				- light breeze variable	
12	5	24	6	9	12	45			1	3/4				- Calm	
13	5	22	6	10	12	48			1	3/4				Hazy light breeze variable	
14	5	20	6	12	12	51			1	3/4				- - - - -	
15	5	19	6	13	12	54			1	3/4				Rain fresh wind W	
16	5	17	6	14	12	57			1	3/4				dry very light breeze S	
17	5	16	6	15	13	0			1	3/4				- p. gale S	
18	5	14	6	16	13	2			1	3/4				- fresh wind W	
19	5	13	6	17	13	5			1	3/4				- very - - - -	
20	5	11	6	19	13	7			1	3/4				- fresh breeze W	
21	5	9	6	20	13	11			1	3/4				- light wind S.W	
22	5	8	6	21	13	13			1	0	0			7 damp fresh - W.	
23	5	7	6	22	13	16			1	0	0			- Calm	
24	5	6	6	23	13	18			1	0	0			Light snow light breeze N.E	
25	5	4	6	24	13	21			1	0	0			Rain fresh - W	
26	5	2	6	26	13	24			1	0	0			dry Calm	
27	5	1	6	27	13	26			1	0	0			damp light breeze W	
28	5	0	6	28	13	29			1	0	0			- fresh - - -	
29	5	58	6	30	13	31			1	0	0			Rain gale S.W to N.W	
30	5	57	6	31	13	34			1	0	0			damp fresh wind W	
31	5	55	6	32	13	37			1	0	0			- very - - - N.E	
									7	1	1	3/4		14 4.0.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light <i>Main House</i> .....	7	1	1 13/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	0	1
Total quantity expended in this month.....	11	2	0 13/16

Order of Lens *Sixth* Kind of Light *9 W*  
 Number of Wicks in burner *One* Diameter of outer burner *1/4 inches*  
 Written by me— *Joe Logan* Keeper  
*Joe Logan*, Light-Keeper.  
 Ass't Keeper.

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	4	54	6	32	13	39	1		1/2					Damp fresh breeze variable	
2	4	53	6	36	13	41	1		1/4					- light - -	
3	4	57	6	37	13	45	1		1/4					Rain fresh - - N.W	
4	4	57	6	38	13	47	1		1/4					Snow - - - variable	
5	4	49	6	39	13	49	1		1/2					- - - S.W	
6	4	48	6	40	13	57	1		1/2					Rain - - - variable	
7	4	47	6	41	13	54	1		1/4					Snow & gale N.E	
8	4	46	6	42	13	57	1		1/4			7		Damp fresh wind W	
9	4	45	6	43	13	59	1		1/2					- light breeze variable	
10	4	44	6	44	14	1	1		1/2					- - - S.W	
11	4	43	6	45	14	4	1		1/2					- gale W	
12	4	42	6	47	14	6	1		1/2					- light breeze S.W	
13	4	41	6	48	14	8	1		1/2					- fresh wind S.W	
14	4	40	6	49	14	10	1		1/2					- light breeze variable	
15	4	39	6	50	14	12	1		1/2					- - - S.W	
16	4	38	6	52	14	14	1		1/2					- Calm	
17	4	37	6	53	14	16	1		1/2					Rain + Snow light breeze variable	
18	4	36	6	55	14	18	1		1/2					Snow & gale W	
19	4	35	6	58	14	21	1		1/2					- - - - S.W	
20	4	34	6	57	14	23	1		1/2					Druse snow light breeze S	
21	4	34	6	58	14	24	1		1/2					- - - fresh wind variable	
22	4	33	6	0	14	26	1		1/2					- - - - N.W	
23	4	32	7	1	14	28	1		3/4			7		- - - - breeze variable	
24	4	31	7	2	14	30	1		3/4					Damp Calm	
25	4	31	7	3	14	32	1		3/4					- light wind variable	
26	4	31	7	4	14	33	1		3/4					- - - -	
27	4	31	7	5	14	35	1		3/4					- - - -	
28	4	30	7	6	14	36	1		3/4					- - - -	
29	4	30	7	7	14	37	1		3/4					- Calm	
30	4	29	7	8	14	39	1		3/4					- - - -	
31															
							7	3	1	3			14	4.2.1.0	

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

Order of Lens Fifth Kind of Light P.W  
 Number of Wicks in burner One Diameter of outer burner 1/8 inches  
 Written by me—  
J. P. Corgan  
Ass't Light-keeper

J. P. Corgan, Light-keeper.  
J. P. Corgan, Ass't Keeper.



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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	4	29	7	9	14	41					1	3/4		<i>Damp light breeze variable</i>	
2	4	29	7	10	14	42					1	3/4			
3															
4															
5															
6															
7															
8															
9															
10															
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23															
24															
25															
26															
27															
28															
29															
30															
31															
							0	2	0	1/2					43.0.0

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

Order of Lens *5ft* Kind of Light *AW*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 inches*  
 Written by me— *Jas Logan*  
*Keeper*

*Jas Logan*, Light-Keeper.  
 \_\_\_\_\_, Ass't Keeper.

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

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

1 3 0 0 3/4      3000

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i> .....	1	3	0 3/16
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.....	3	3	0 3/16

{ Order of Lens *5* Kind of Light *2 H*  
 { Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inch*

Written by me—  
*James Corgan*  
 Keeper

*James Corgan*, Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Cabotagon Maine Light House, in the month of May, 1893, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <u>Main House</u> .....	5	2	17/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	2	1	0
Total quantity expended in this month.....	7	3	17/16

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Main Light House in the month of June, 1893, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

14 2.1.0.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <u>Main House</u> .....	5	0	1 1/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	2	1	0
Total quantity expended in this month.....	7	1	1 1/4

Order of Lens Wicks Kind of Light P.W  
 Number of Wicks in burner One Diameter of outer burner 1 1/2 inches  
 Written by me—  
Just Morgan  
 Keeper

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

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	40	4	27	8	46		1	1/2			7		dry light breeze variable
2	7	40	4	27	8	46		1	1/2					- fresh - W
3	7	40	4	28	8	47		1	1/2					- light - variable
4	7	40	4	28	8	48		1	1/2					incessant rain Calm
5	7	39	4	29	8	50		1	1/2					dry light breeze variable
6	7	39	4	30	8	50		1	1/2					- - - -
7	7	39	4	30	8	51		1	1/2					Rain - - -
8	7	38	4	31	8	52		1	1/2					damp - - -
9	7	38	4	32	8	53		1	1/2					dry - - -
10	7	37	4	33	8	52		1	1/2					- - - -
11	7	37	4	33	8	53		1	1/2					Rain - - -
12	7	37	4	34	8	53		1	1/2					dry - - -
13	7	36	4	35	8	58		1	1/2					Rain - - -
14	7	35	4	36	8	59		1	1/2			7		dry Calm
15	7	35	4	37	9	1		1	1/2					- light breeze variable
16	7	34	4	37	9	3		1	1/2					damp fresh - W
17	7	33	4	38	9	5		1	1/2					dry steady breeze N E
18	7	33	4	39	9	5		1	1/2					- light - variable
19	7	32	4	40	9	7		1	1/2					- - - -
20	7	31	4	41	9	9		1	1/2					- - - -
21	7	31	4	41	9	11		1	1/2					- - - - W
22	7	30	4	42	9	14		1	1/2					- - - - variable
23	7	29	4	43	9	16		1	1/2					Rain - - -
24	7	28	4	44	9	18		1	1/2					- short squall W
25	7	27	4	45	9	20		1	1/2					dry light breeze variable
26	7	26	4	46	9	22		1	1/2					Rain - - -
27	7	25	4	47	9	24		1	1/2					- - - -
28	7	24	4	48	9	26		1	1/2					dry fresh - W
29	7	23	4	49	9	28		1	1/2			7		- Calm
30	7	22	4	50	9	29		1	1/2					- - - -
31	7	21	4	51	9	31		1	1/2					- light breeze variable
							5	1	0	3/4	21		230.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house <i>Beverly House</i> .....	5	1	13/16
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.....	7	0	13/16

Order of Lens *Sixth* Kind of Light *RR*  
 Number of Wicks in burner *one* Diameter of outer burner *1/2 inch*  
 Written by me— *James Morgan* Keeper  
*James Morgan*, Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autoranagon Main* Light House, in the month of *August*, 1873, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32			1	13/4				dry fresh breeze W
2	7	19	4	53	9	35			1	13/4				- - -
3	7	18	4	54	9	37			1	13/4				- light - variable
4	7	17	4	55	9	39			1	13/4				- Calm
5	7	16	4	56	9	41			1	13/4				- fresh breeze N.E.
6	7	14	4	57	9	43			1	13/4				- light - variable
7	7	13	4	58	9	46			1	13/4	1			- - - S.W.
8	7	12	4	59	9	48			1	13/4				- Calm
9	7	11	5	0	9	50			1	13/4				Rain light breeze variable
10	7	10	5	2	9	53			1	13/4				dry - - -
11	7	8	5	3	9	55			1	13/4				- fresh - W
12	7	6	5	4	9	57			1	2				- very - - -
13	7	4	5	5	10	0			1	2		7		- light breeze variable
14	7	3	5	6	10	2			1	2				- dense smoke light breeze variable
15	7	2	5	7	10	5			1	2				- smoky calm
16	7	0	5	8	10	7			1	2				- light breeze variable
17	6	59	5	9	10	13			1	2				- fresh - N.E.
18	6	57	5	10	10	16			1	2				- light - - -
19	6	56	5	11	10	18			1	2				- - - W
20	6	55	5	12	10	21			1	2				Smoky dry very light breeze S
21	6	53	5	13	10	23			1	2				dry fresh breeze W
22	6	51	5	14	10	26			1	2 1/2				- smoky very fresh breeze S
23	6	49	5	15	10	28			1	2 1/2				- - - S.W.
24	6	48	5	17	10	31			1	2 1/2	1			Rain fresh breeze N.E.
25	6	46	5	19	10	34			1	2 1/2				dry light - - -
26	6	45	5	20	10	35			1	2 1/2				- - - S.W.
27	6	43	5	20	10	36			1	2 1/2				- fresh - W
28	6	41	5	21	10	39			1	2 1/2		7		- very - - -
29	6	40	5	22	10	42			1	2 1/2				- light breeze W
30	6	38	5	23	10	45			1	2 1/2				- - - - -
31	6	36	5	24	10	47			1	2 1/2				- - - - -
							5	3	0	13/4	2	14	2.3.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i> .....	5	3	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	1
Total quantity expended in this month.....	8	3	0 3/4

Order of Lens *Fifth* Kind of Light *P.H.*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/8* inches

Written by me—

*W. C. Lorgan*  
 Keeper

*W. C. Lorgan*, Light-Keeper.  
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon Main* Light House in the month of *September*, 1893, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i> .....	6	1	1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	0	0
Total quantity expended in this month.....	10	1	1/2

Order of Lens *First* Kind of Light *2.2*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2* inches  
 Written by me—  
*John Cogan*  
 Keeper

*John Cogan*, Light-Keeper.  
*John Cogan*, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon Main Light House*, in the month of *October*, 1873, 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	42	5	07	12	15			1	0				Damp light breeze S		
2	5	41	5	05	12	14			1	0				Rain - - - variable		
3	5	39	5	00	12	20			1	0				Damp - - - S		
4	5	37	6	00	12	23			1	3/4				- fresh wind W		
5	5	35	6	01	12	26			1	3/4				- light breeze N.E		
6	5	33	6	03	12	22			1	3/4				Successive rain fresh wind N.E		
7	5	32	6	04	12	31			1	3/4				Damp light breeze S		
8	5	30	6	05	12	34			1	3/4				- Calm		
9	5	29	6	06	12	38			1	3/4				- light breeze variable		
10	5	27	6	07	12	40			1	3/4				Dry fresh - S.E		
11	5	25	6	08	12	43			1	3/4				Rain - wind N.E x N		
12	5	24	6	09	12	45			1	3/4				Damp - breeze N.E		
13	5	22	6	10	12	48			1	3/4				- light - N		
14	5	20	6	12	12	57			1	3/4				1/2 fall N		
15	5	19	6	13	12	54			1	3/4				Damp light breeze N		
16	5	17	6	14	12	57			1	3/4				Dry - - -		
17	5	16	6	15	13	0			1	3/4				Damp fresh - N x E		
18	5	14	6	16	13	2			1	3/4				Dry Calm		
19	5	11	6	17	13	5			1	3/4				Damp fresh wind N x N		
20	5	9	6	14	13	7			1	3/4				- - - S.E		
21	5	8	6	20	13	11			1	3/4				- - - - -		
22	5	7	6	21	13	13			1	3/4				- - - - -		
23	5	6	6	22	13	16			1	3/4				- - - N		
24	5	4	6	23	13	17			1	3/4				- - - - -		
25	5	3	6	25	13	21			1	3/4				Dry light breeze variable		
26	5	2	6	26	13	24			1	3/4				- - - S.E		
27	5	0	6	27	13	26			1	3/4				Damp - - - - -		
28	5	0	6	28	13	29			1	3/4				- - - variable		
29	4	58	6	30	13	31			1	3/4				- - - - -		
30	4	57	6	31	13	32			1	3/4				- - - S.W		
31	4	55	6	32	13	37			1	3/4				- - - - -		
							7	0	1	2 1/2					4 1 1 0	
							14	4	1	0					14 4 1 0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light House.....	7	0	1 7/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	1	1
Total quantity expended in this month.....	11	2	7/8

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



ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cataraugus Main Light House* in the month of *November*, 1893  
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	52	6	53	13	39			1	30/4				Damp fresh wind N.W	
2	4	53	6	54	13	41			1	30/4				Snow - - -	
3	4	57	6	56	13	45			1	0	0			Damp Calm	
4	4	50	6	37	13	47			1	0	0			Dry - - -	
5	4	49	6	38	13	49			1	0	0			Damp light breeze S	
6	4	48	6	39	13	51			1	0	0			Dry - - -	
7	4	47	6	41	13	54			1	0	0			- - -	
8	4	46	6	42	13	57			1	0	0			- Calm	
9	4	45	6	43	13	59			1	0	0			Dry - - -	
10	4	44	6	44	14	1			1	0	0			Damp - - -	
11	4	43	6	45	14	4			1	0	0			- fresh breeze N x N	
12	4	42	6	47	14	6			1	0	0			Snow - - -	
13	4	41	6	48	14	8			1		1/4			- 1/2 gale N.W	
14	4	40	6	49	14	10			1		1/4			- gale - -	
15	4	39	6	50	14	12			1		1/4			- - -	
16	4	38	6	52	14	14			1		1/4			Damp Calm	
17	4	37	6	53	14	16			1		1/4			Snow gale N.W	
18	4	36	6	55	14	18			1		1/4			- fresh wind - -	
19	4	35	6	56	14	21			1		1/4			Very - - N x N	
20	4	34	6	57	14	23			1		1/4			Damp Calm	
21	4	34	6	58	14	24			1		1/4			Rain snow fresh wind S.W	
22	4	33	7	0	14	26			1		1/4			Snow gale N.W	
23	4	32	7	1	14	28			1		1/4			- - - N.E	
24	4	31	7	2	14	30			1		1/2			- 1/2 - - N.W	
25	4	31	7	3	14	32			1		1/2			- fresh breeze variable	
26	4	31	7	4	14	33			1		1/2			- Calm	
27	4	31	7	5	14	35			1		1/2			damp - - -	
28	4	30	7	6	14	36			1		1/2			Snow light breeze variable	
29	4	30	7	7	14	37			1		1/2			- fresh - - N	
30	4	29	7	8	14	39			1		1/2			- gale N.W	
31															

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i> .....	7	3	7/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	2	1/8
Total quantity expended in this month.....	12	1	1 9/16

Order of Lens *Gift* Kind of Light *94W*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inches*  
 Written by me— *Joe Morgan* Keeper  
*Joe Morgan*, Light-Keeper.  
*Joe Morgan*, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autaugou Main* Light House, in the month of *April*, 18*94*  
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

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

Order of Lens *Fifth* Kind of Light *F.W.*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 inch*  
 Written by me— *Just Corigan*  
*Keeper*

*Just Corigan*, Light-Keeper.  
 \_\_\_\_\_, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Actonagan Main Light House* in the month of *May*, 189*4*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	5	2	17/16
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	7	4	18 1/16

Order of Lens *Fifth* Kind of Light *S.W*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 inches*  
 Written by me— *Jac Morgan* *Keeper*  
*Jac Morgan* Light-Keeper.  
*Jac Morgan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antigon Main Light House* in the month of *June*, 18*94*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	7	29	4	26	8	55			1	1 1/4				Dry Calm	
2	7	30	4	25	8	55			1	1 1/4				light breeze W	
3	7	31	4	25	8	54			1	1 1/4				- - - -	
4	7	32	4	24	8	52			1	1 1/4				Damp fresh - N.E	
5	7	32	4	24	8	52			1	1 1/4	1			- - - - x -	
6	7	33	4	24	8	51			1	1 1/4				Dry light - variable	
7	7	33	4	24	8	50			1	1 1/4				- - - -	
8	7	34	4	23	8	49			1	1 1/4				Smoky dry fresh - S	
9	7	35	4	23	8	48			1	1 1/4				- - - -	
10	7	35	4	23	8	47			1	1 1/4				Dry light breeze variable	
11	7	36	4	23	8	46			1	1 1/4				- Calm	
12	7	36	4	23	8	45			1	1 1/4		5		- - - -	
13	7	36	4	23	8	45			1	1 1/4				- light breeze variable	
14	7	37	4	23	8	44			1	1 1/4				- Calm	
15	7	38	4	23	8	44			1	1 1/4				- - - -	
16	7	38	4	23	8	44			1	1 1/4				- - - -	
17	7	38	4	23	8	43			1	1 1/4				Damp fresh breeze N.E	
18	7	38	4	23	8	43			1	1 1/4				- light - N.E	
19	7	39	4	23	8	43			1	1 1/4				- - - - variable	
20	7	40	4	23	8	43			1	1 1/4				Hazy - - - -	
21	7	40	4	23	8	43			1	1 1/4				- - - -	
22	7	40	4	23	8	43			1	1 1/4				- - - - SW	
23	7	40	4	24	8	43			1	1 1/4	1			Rain - - - - variable	
24	7	40	4	24	8	43			1	1 1/4				- Calm	
25	7	40	4	24	8	43			1	1 1/4				Dry light breeze N.E	
26	7	40	4	25	8	43			1	1 1/4		7		- - - -	
27	7	40	4	25	8	43			1	1 1/4				- fresh - - - -	
28	7	40	4	26	8	40			1	1 1/4	1			Rain squall W	
29	7	40	4	26	8	40			1	1 1/4				Dry fresh breeze W	
30	7	40	4	26	8	46			1	1 1/4				- light - variable	
31															
							4	3	1	1 1/2	2	12	2100		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <i>Main House</i> .....	4	3	1 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
Total quantity expended in this month.....	7	1	0 3/8

Order of Lens *reflex* Kind of Light *1895*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 inches*  
 Written by me— *Jas. Longan* Light-Keeper.  
*Jas. Longan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autunagon Main Light House, in the month of July, 1894, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	7	40	4	27	8	46			1	1 1/4				dry fresh breeze W	
2	7	40	4	27	8	46			1	1 1/4				- - - - -	
3	7	40	4	28	8	47			1	1 1/4				- - - - -	
4	7	40	4	28	8	48			1	1 1/4				- Steady - SW	
5	7	39	4	29	8	50			1	1 1/4				Rain light - variable	
6	7	39	4	30	8	50			1	1 1/4				dry - - - - -	
7	7	39	4	31	8	51			1	1 1/4				- - - - -	
8	7	38	4	32	8	52			1	1 1/4				- - - - - NE	
9	7	38	4	33	8	53			1	1 1/4				- Calm	
10	7	37	4	33	8	54			1	1 1/4				- light breeze variable	
11	7	37	4	34	8	56			1	1 1/4				- fresh - - - - -	
12	7	37	4	35	8	56			1	1 1/4				- light - - - - -	
13	7	36	4	36	8	58			1	1 1/4				- - - - -	
14	7	35	4	37	8	59			1	1 1/4		7		- calm	
15	7	35	4	37	9	1			1	1 1/4				- light breeze variable	
16	7	34	4	38	9	3			1	1 1/4				- Calm	
17	7	34	4	39	9	5			1	1 1/4				- light breeze S. E	
18	7	33	4	39	9	5			1	1 1/4				- - - - - variable	
19	7	32	4	40	9	7			1	1 1/4				- - - - -	
20	7	31	4	41	9	9			1	1 1/4				- fresh - - - - - N.E	
21	7	31	4	41	9	11			1	1 1/4				- light - - - - - variable	
22	7	30	4	42	9	12			1	1 1/2				- - - - -	
23	7	29	4	43	9	14			1	1 1/2				- - - - -	
24	7	28	4	44	9	16			1	1 1/2				- fresh - - - - - W	
25	7	27	4	45	9	18			1	1 1/2				- light - - - - - variable	
26	7	26	4	46	9	20			1	1 1/2				- fresh - - - - -	
27	7	25	4	47	9	22			1	1 1/2				- - - - -	
28	7	24	4	48	9	24			1	1 1/2				- light - - - - -	
29	7	23	4	49	9	26			1	1 1/2				- - - - - N x E	
30	7	22	4	50	9	28			1	1 1/2		7		damp fresh wind N.E	
31	7	21	4	57	9	30			1	1 1/2				- light breeze variable	
							5	1	0	2 1/2			14	2.3.1.0	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the <u>Main House</u> .....	5	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.....	8	0	1 3/8

Order of Lens Fifth Kind of Light W.W.  
 Number of Wicks in burner One Diameter of outer burner 1 1/4 inches  
 Written by me— Joe Logan Keeper  
Joe Logan, Light-Keeper.  
 \_\_\_\_\_, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Octagon Main Light House*, in the month of *August*, 18*94*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

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

Order of Lens *Siphon* Kind of Light *S.W.*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 inches*  
 Written by me— *John Logan* Light-Keeper.  
*John Logan* Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily in *Main + Beacon* Light Houses, in the month of *September*, 1894, 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.				
1	6	25	5	24	10	49	1	0	3 1/2			Dense smoke light breeze variable	
2	6	33	5	26	10	53	1	0	3 1/2			- fresh - S W	
3	6	31	5	27	10	56	1	0	3 3/4			Light rain Calm	
4	6	30	5	28	10	59	1	0	3 3/4			Smoky light breeze variable	
5	6	28	5	29	11	1	1	0	3 3/4			- - - S W	
6	6	26	5	30	11	4	1	0	3 3/4			- calm	
7	6	25	5	31	11	7	1	1	0			- light rain calm	
8	6	23	5	32	11	10	1	1	0			- - breeze variable	
9	6	21	5	33	11	12	1	1	0	12		- - rain fresh breeze W	
10	6	19	5	34	11	15	1	1	1/4			Damp & gale S W x W	
11	6	18	5	35	11	18	1	1	1/4			Dry Calm	
12	6	16	5	36	11	21	1	1	1/4			- - -	
13	6	14	5	37	11	23	1	1	1/4			- - -	
14	6	12	5	39	11	26	1	1	1/4			- light breeze variable	
15	6	10	5	40	11	29	1	1	1/2			- fresh - W	
16	6	9	5	41	11	32	1	1	1/2			- - - -	
17	6	7	5	42	11	34	1	1	1/2			- - - S W	
18	6	5	5	43	11	38	1	1	1/2			- Calm	
19	6	4	5	44	11	41	1	1	1/2			- - -	
20	6	2	5	45	11	44	1	1	3/4			- - -	
21	6	0	5	46	11	46	1	1	3/4			Rain - -	
22	5	58	5	47	11	49	1	1	3/4			- - - gale S E to S W	
23	5	57	5	48	11	52	1	1	3/4			- fresh wind S W	
24	5	55	5	49	11	55	1	1	3/4	12		Dry light breeze S W	
25	5	53	5	50	11	57	1	1	3/4			- - - very fresh - S	
26	5	51	5	51	12	0	1	1	1			- light breeze variable	
27	5	50	5	52	12	3	1	1	1			- - - S W	
28	5	48	5	54	12	6	1	1	1			- fresh - - -	
29	5	46	5	55	12	8	1	1	1			- - - - -	
30	5	44	5	56	12	12	1	1	1			Damp gale S to S W	
31							11	2	0	3 1/4	24	4,0,0,1	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses.....	11	2	7/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	0	0/4
Total quantity expended in this month.....	15	2	7/16

Order of Lens *5 & 6* Kind of Light *S.W. + F.R.*  
 Number of Wicks in burner *6* Diameter of outer burner *1 1/8 + 1/2 inch*  
 Written by me—  
*John Corigan*  
*Keeper*

*John Corigan*, Light-Keeper.  
 \_\_\_\_\_, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autoragon Main & Beacon* Light, S, in the month of *October*, 18*74*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	5	12	5	57	12	15	1	1	1/4					Dry light breeze variable
2	5	41	5	58	12	18	1	1	1/4					Rain. of gale S x E to SW
3	5	39	5	59	12	20	1	1	1/4					" fresh wind SW
4	5	37	6	0	12	23	1	1	1/4					- - - - - to NE
5	5	35	6	1	12	26	1	1	1/2					- very - - - - - N
6	5	33	6	3	12	27	1	1	1/4					- - - - - Var
7	5	32	6	4	12	31	1	1	1/2		12			- - - - - SW
8	5	30	6	5	12	34	1	1	1/2					- - - - -
9	5	29	6	6	12	38	1	1	1/2					Dry light breeze SW
10	5	27	6	7	12	40	1	1	1/2					Damp fresh wind NW
11	5	25	6	8	12	43	1	1	1/4					Dry light breeze S
12	5	24	6	9	12	45	1	1	1/4					Rain fresh wind NW
13	5	22	6	10	12	48	1	1	1/4					Damp of gale N
14	5	20	6	12	12	57	1	1	1/4					- light breeze variable
15	5	19	6	13	12	54	1	1	2					- fresh - - - - - S.W
16	5	17	6	14	12	57	1	1	2					Dry - - - - - N
17	5	16	6	15	13	0	1	1	2					- - - - - S.W
18	5	14	6	16	13	2	1	1	2					Damp - - - - -
19	5	13	6	17	13	5	1	1	2 1/4					- - - - -
20	5	11	6	19	13	7	1	1	2 1/4					- - - - -
21	5	9	6	20	13	11	1	1	2 1/4		12			Rain calm
22	5	8	6	21	13	13	1	1	2 1/4					Dry light breeze variable
23	5	7	6	22	13	16	1	1	2 1/4					Rain - - - - - N.E
24	5	6	6	23	13	18	1	1	2 1/2					- calm
25	5	4	6	25	13	21	1	1	2 1/2					- light breeze SW
26	5	2	6	26	13	24	1	1	2 1/2					- fresh - - - - - NW
27	5	1	6	27	13	26	1	1	2 1/2					Dry light - - - - - S
28	5	0	6	28	13	29	1	1	2 1/2					- very fresh - - - - - S x E
29	4	58	6	30	13	31	1	1	2 1/2					Rain light breeze N.E
30	4	57	6	31	13	34	1	1	2 1/2					- fresh - - - - -
31	4	55	6	32	13	37	1	1	2 1/2		24	4.1.1.1		- - - - - N

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses.....	13	2	0 3/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	4	1	1 1/4
Total quantity expended in this month.....	17	3	1 7/16

Order of Lens *5+6* Kind of Light *RR + 2 RT*  
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 inch*  
 Written by me— *J. S. Corgan* Keeper  
*J. S. Corgan*, Light-Keeper.  
 Ass't Keeper.



ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antigonish* Light House, in the month of *Nov*, 1874, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

Total quantity consumed in the lamp of the Light-.....	14	3	1 5/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts. <i>Also Drier</i> .....	9	2	1
Total quantity expended in this month.....	24	2	0 7/8

Order of Lens *576<sup>th</sup>* Kind of Light *7 W + 2 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 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 *Cutoragon* Light Houses, in the month of *April*, 18*95*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses.....	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	0
Total quantity expended in this month.....	8	0	0

Order of Lens *5 & 6* Kind of Light *9W + 9R*  
 Number of Wicks in burner *One* Diameter of outer burner *1/8 + 1 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 Ontonagon* Light *houses* in the month of *May*, 18*95*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil taken from butts and set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	6	59	4	55	9	58	1	0	3 1/4		12			Dry light breeze N E	
2	7	0	4	52	9	53	1	0	3 1/4					- fresh - S	
3	7	1	4	53	9	57	1	0	3 1/4					Shot fog light - N E	
4	7	2	4	57	9	49	1	0	3 1/4					Dry fresh breeze S x W	
5	7	3	4	50	9	47	1	0	3 1/4					- light - N E	
6	7	4	4	49	9	44	1	0	3 1/4					- - - variable	
7	7	5	4	48	9	42	1	0	3					- - - -	
8	7	6	4	47	9	40	1	0	3					- - - -	
9	7	7	4	46	9	38	1	0	3					- - - -	
10	7	8	4	44	9	35	1	0	3					Rain lazy fresh wind N	
11	7	9	4	43	9	33	1	0	3					Snow + rain - - N to NW	
12	7	10	4	42	9	31	1	0	2 3/4					- - - light breeze variable	
13	7	11	4	41	9	29	1	0	2 1/2					Damp light breeze	
14	7	13	4	40	9	27	1	0	2 3/4					- fresh - N E	
15	7	14	4	39	9	25	1	0	2 3/4		12			- - - -	
16	7	15	4	38	9	23	1	0	2 3/4					- light - variable	
17	7	16	4	37	9	21	1	0	2 1/2					- fresh - N E	
18	7	17	4	36	9	19	1	0	2 1/2					Snow 1/2 gale - -	
19	7	18	4	35	9	17	1	0	2 3/4					Damp fresh breeze N x E	
20	7	19	4	34	9	15	1	0	2 1/2					- - - -	
21	7	20	4	33	9	13	1	0	2 1/2					- light - variable	
22	7	21	4	31	9	11	1	0	2 1/2					- - - -	
23	7	22	4	30	9	9	1	0	2 1/2					- - - -	
24	7	23	4	31	9	8	1	0	2 1/2					- fresh - N E	
25	7	23	4	30	9	6	1	0	2 1/2					Rain 1/2 gale - -	
26	7	24	4	30	9	4	1	0	2 1/2					Damp fresh breeze - -	
27	7	25	4	29	9	3	1	0	2 1/2					Dry - - S E	
28	7	26	4	28	9	1	1	0	2 1/2					- 1/2 gale S W x W	
29	7	27	4	27	9	0	1	0	2 1/4		12			- fresh breeze variable	
30	7	28	4	27	8	59	1	0	2 1/4					Rain fog calm	
31	7	29	4	26	8	57	1	0	2 1/4					- light breeze variable	
							10	1	1	13 1/4		35	21.00		

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-houses.....	10	1	17 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps, from oil butts.....	2	1	0
Total quantity expended in this month.....	12	2	17 1/2

Order of Lens *5 + 6* Kind of Light *8 1/2 + 5 R*  
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 1/2*  
 Written by me— *J. P. Hogan*  
*Keeper*

*at Ontonagon*, Light-Keeper.  
 , Ass't Keeper.







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

Number of lights and order of apparatus, *Two 5 & 6*

Description of light, *W & R*

YEAR AND DAY OF THE MONTH.	CLEANING MATERIALS.																	BRUSHES.																				
	Filtering sand, galls.	Sets valves, sets.	Valve leathers, sets.	Flexible, for cleaning lamp glass.	Paint, large, no.	Paint, small, no.	Coal tar, no.	Chimney, no.	Clockmakers', no.	Canal's hair, no.	Feather, no.	Silverplaters', no.	Wolf's head, no.	Flat, for putting dissolved rosin and wadding on apparatus, no.	Whitewash, no.	Sash, no.	Ham, 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.							
1872.	Day.																																					
<i>Expenses for sundry</i>																																						
<i>Sept 30/92</i>																																						
<i>Dec 31/92</i>																																						
<i>March 31/93</i>																																						
<i>June 30/93</i>																																						
<i>Sept 30 1895</i>																																						
<i>Dec 31 —</i>																																						
<i>March 31 1896</i>																																						
<i>Expenses 1896</i>																																						
<i>Sept 30 —</i>																																						
<i>Dec 31-96</i>																																						
<i>March 31-96</i>																																						
<i>June 30-96</i>																																						
<i>July 31-96</i>																																						
<i>August 31-96</i>																																						
<i>Sept 30-96</i>																																						
<i>Oct 31 —</i>																																						
<i>Nov 30 —</i>																																						
<i>Dec 31</i>																																						
<i>Jan 31</i>																																						
<i>Feb 28</i>																																						
<i>March 31</i>																																						
<i>April 30</i>																																						
<i>May 31</i>																																						







GENERAL ACCOUNT of Stores received at the Light-Houses at *Outwagon Lake Superior*  
 Number of lights and order of apparatus, *Gas Lamps + flat wick* Description of light, *7 M, 7 R 5 + 6 order*

YEAR AND DAY OF THE MONTH	Inkstands, no.	Almanac, no.	Slates, 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, vol.	INSTRUCTIONS FOR THE MANAGEMENT OF LAMPS.										RETURNS.							
										Lepante's, no.	Moderator, no.	Franklin's hydraulic, no.	Moderator, 4th, 5th, and 6th order, no.	Funk'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.		
1891 June 30	1		1	6	8	4			1										6	3	4						
Rec'd July 6						2																					
Total	1		1	6	8	6			1											3	3	4					
Bal Sept 30/91	1		1	1	1	1			1											3	3	4					
- Dec 31/91	1		1	1	1	1			1											3	3	4					
- March 31/92	1		1	1	1	1			1											3	3	4					
- June 30/92	1		1	1	1	1			1											3	3	4					
Rec'd July 21/92			18	6	6	8																					
Total	1		19	6	6	8			1											8	3	6					
Bal Sept 30-92	1		16	5	7	7			1											6	3	6					
- Dec 31-92	1		12	4	7	7			1											6	3	6					
- March 31-94	1		9	3	5	7			1											5	3	6					
Rec'd June 25				12	4	7														8	3	3					
Total	1		16	17	12	17			1											15	3	9					
Bal June 30-94	1		1	1	1	1			1											10	3	7					
- Sept 30 -	1		1	1	1	1			1											7	3	7					
- Dec 31	1		1	1	1	1			1											3	3	7					
- March 31-95	1		1	10	1	1			1											3	3	7					
Rec'd June 21-95																											
Bal - 30-95	1		1	1	1	1			1																		
- Sept 30 -	1		1	1	1	1			1																		
- Dec 31 -	1		1	1	1	1			1																		
- March 31-96	1		1	1	1	1			1																		
Rec'd June 24-96				10	12	12																					
Total	1		11	12	12	12			1											24	3	13					
June 30-96	1		1	1	1	1			1											12	3	11					
July 31-96	1		1	1	1	1			1											12	3	11					
Aug 31-96	1		1	1	1	1			1											11	2	11					
Sept 30-96	1		1	1	1	1			1											10	2	11					
Oct 31 -	1		1	1	1	1			1											9	2	11					
Nov 30 -	1		1	1	1	1			1											8	2	11					
Dec 31	1		1	1	1	1			1											7	2	11					
1897 Jan 31	1		1	1	1	1			1											6	2	11					
Feb 28	1		1	1	1	1			1											5	2	11					
March 31	1		1	1	1	1			1											4	2	11					
April 30	1		1	1	1	1			1											2	2	11					
May 31	1		1	1	1	1			1											2	2	11					

























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

Number of lights and order of apparatus, *No 5 + 6 over*

Description of light, *Hain 9 M. flat with 3 R*

YEAR AND DAY OF THE MONTH.		Set										
1892	Day.	Castling Sours for lens	Stove	Measures	All polished boxes	Info	Glass Phillips	Aluminum Pot	Beon Mats	Well pump	Sponges	Matches boxes
June	30	1	14	1	1	12	4	2	2	1	3	
July	6	1	14	3	2	26	4	2	2	1	3	
Total		1	14	3	3	38	8	4	4	2	6	72
1891												
Sept	30	1	14	3	3	38	8	4	2	1	3	72
- Dec 31/92		1	14	3	3	38	8	4	2	1	3	72
- Mar 31/93		1	14	3	3	38	8	4	2	1	3	72
- June 30/93		1	14	3	3	38	8	4	2	1	3	72
Recd July 21-93						26	8	5	0	0	2	70
Sept 30-93		1	14	2	2	34	5	2	2	1	1	
- Dec 31-93		1	14	2	2	34	5	2	2	1	1	
- March 31-94		1	14	2	2	34	5	2	2	1	1	
Recd June 20						34	5	2	2	1	1	70
Total		1	14	3	3	68	13	6	4	2	6	142
Sept 30		1	14	2	2	38	8	4	2	1	3	72
- Dec 31		1	14	2	2	38	8	4	2	1	3	72
- Mar 31-94		1	14	2	2	38	8	4	2	1	3	72
Recd June 21-94						26	8	5	0	0	2	70
Sept 30-94		1	14	2	2	34	5	2	2	1	1	
- Dec 31-94		1	14	2	2	34	5	2	2	1	1	
- Mar 31-95		1	14	2	2	34	5	2	2	1	1	
Recd June 21-95						26	8	5	0	0	2	70
Sept 30-95		1	14	2	2	34	5	2	2	1	1	
- Dec 31-95		1	14	2	2	34	5	2	2	1	1	
- Mar 31-96		1	14	2	2	34	5	2	2	1	1	
Recd June 14-96						26	8	5	0	0	2	70
Total		1	14	3	3	68	13	6	4	2	6	142
June 30-96		1	14	2	2	34	5	2	2	1	1	
July 31-96		1	14	2	2	34	5	2	2	1	1	
Aug 31-96		1	14	2	2	34	5	2	2	1	1	
Sept 30-96		1	14	2	2	34	5	2	2	1	1	
Oct 31-		1	14	2	2	34	5	2	2	1	1	
Nov 30-		1	14	2	2	34	5	2	2	1	1	
Dec 31		1	14	2	2	34	5	2	2	1	1	
1897												
Jan 31		1	14	2	2	34	5	2	2	1	1	
Feb 28		1	14	2	2	34	5	2	2	1	1	
March 31		1	14	2	2	34	5	2	2	1	1	
April 30		1	14	2	2	34	5	2	2	1	1	
May 31		1	14	2	2	34	5	2	2	1	1	

GENERAL ACCOUNT of Illuminating Apparatus, Fixtures, and all other Public Property (except supplies) consumed at the Light-Houses at Antigonish  
Number of lights and order of apparatus, *nos 5 5 6* Description of light, *F W. R*

YEAR AND DAY OF THE MONTH.	Sect Containing Screw for line	Storm Miner	Oil Polish boxes	Wax	Glass polish boxes	Ammonia Pt	Cocoa Nuts	Mell pumf	Sponges	Mullein Boxes	YEAR AND DAY OF THE MONTH.	
											1872	Day.
Expanded gr. awg												
- Sept 30/72			1		1	1/2			1			
- Dec 31/72												
- March 31/73												
- June 30/73			1	30	3	1			2	40	10	0 1/2
- Sept 30-73												
- Dec 31-73					1	1						
- March 31-74					1							
Expense 30-74												
- Sept 30 -												
- Dec 31												
- March 31-75												
- June 30-75												
- Sept 30 -												
- Dec 31 -												
- March 31-76												
- June 30-76					30	1						
- July 31-76						1/2				6	18	
- Aug 31-76			1/4			1/2						
- Sept 30-76												
- Oct 31 -			1/4		1/4					5	5	
- Nov 30 -										5		
- Dec 31										4		
- 1877										4		
- Jan 31										3		
- Feb 28										4		
- March 31										3		
- April 30			3/4									
- May					3/4					5		







