

UNITED STATES LIGHT-HOUSE ESTABLISHMENT.

DAILY EXPENDITURE

OILS, WICKS, AND CHIMNEYS

At the Cranagon & Pierhead

Light Station From April 1906 To June 1911

(Ed. 2-12-90-1,200)



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

Light-Houses, in the month of *April 1906*

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 set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, ratny, 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	29	5	36	11	18	2	1	24	8	1/2				Damp light house var
6	6	31	5	34	11	14	2	1	2	3/4					Rain " " N.E
7	6	32	5	32	11	1	2	1	2	4					Damp " " " "
8	6	33	5	31	10	58	2	1	2	3/4					" " " " var
9	6	34	5	29	10	52	2	1	2	1/2					Rain snow " " N.E
10	6	35	5	28	10	52	2	1	2	1/2					Damp " " " "
11	6	36	5	26	10	49	2	1	2	1/2					Dry " " " "
12	6	37	5	25	10	47	2	1	2	1/2					Rain fresh " " N.E
13	6	38	5	23	10	44	2	1	2						" Snow " " "
14	6	40	5	21	10	41	2	1	2						" " light " S to N
15	6	41	5	19	10	39	2	1	2						Damp " " " " var
16	6	42	5	17	10	36	2	1	1	3/4					" Steady " " "
17	6	43	5	16	10	33	2	1	1	3/4					" " " " S.
18	6	44	5	15	10	31	2	1	1	3/4					Rain light " " var
19	6	45	5	13	10	28	2	1	1	1/2	8	1/2			Damp " " " " "
20	6	47	5	11	10	26	2	1	1	1/2					" fresh wind S x N
21	6	48	5	9	10	23	2	1	1	1/2					Rain light house var
22	6	49	5	8	10	21	2	1	1	1/2					Damp " " " " "
23	6	50	5	7	10	18	2	1	1	1/2					" " " " "
24	6	51	5	5	10	16	2	1	1	1/2					Dry light " " var
25	6	52	5	4	10	13	2	1	1						" fresh " " S N
26	6	53	5	2	10	11	2	1	1						Damp " " " " N.E
27	6	54	5	1	10	8	2	1	1						" " " " " "
28	6	55	5	0	10	4	2	1	3/4						" " " " " "
29	6	56	4	59	10	1	2	1	3/4						Rain + fog steady " " "
30	6	57	4	57	9	59	2	1	3/4						" " " " " "
31															

17 2 1 1 1/4 16 1/6 5.2.0.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	17	2	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	
Total quantity expended this month	22		1 1/2

Order of Lens $4 + 5^{\text{th}}$ Kind of Light *PR + V N*
 Number of Wicks in burner *our* Diameter of outer burner $1/2 + 1/8$
 Written by me— *Joseph Raper*

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-Houses, in the month of *May 1906*, 189
 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 set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	57	4	55	9	56	2	1	1/2				Rain + fog fresh wind N.E	
2	7	0	4	54	9	53	2	1	1/2				" " " " " " - S.W	
3	7	1	4	53	9	51	2	1	1/2				" " " " " " S	
4	7	2	4	51	9	49	2	1	1/4		in on 8 1/2		Damp dry " " " " N	
5	7	3	4	50	9	47	2	1	1/4				" " " " " " N	
6	7	4	4	49	9	44	2	1	1/4				Snow " " " " N	
7	7	5	4	48	9	42	2	1					Damp " " " " var	
8	7	6	4	46	9	40	2	1					Rain + Snow " " " "	
9	7	7	4	45	9	38	2	1					Dry Calm	
10	7	9	4	44	9	35	2	1					damp light breeze N.E	
11	7	10	4	43	9	33	2		3/4				" " " " " " var	
12	7	11	4	41	9	31	2		3/4				Rain " " " " "	
13	7	12	4	40	9	33	2		3/4				Damp fresh wind N.E	
14	7	13	4	39	9	35	2		3/4				Rain light breeze var	
15	7	14	4	39	9	36	2		3/4				Damp fresh " " S.E	
16	7	15	4	38	9	38	2		3/4				dry light " " var	
17	7	16	4	37	9	40	2		3/4				Rain fresh wind W	
18	7	17	4	36	9	19	2		3/4		in on 8 1/2		Dry 1/2 gale S.W	
19	7	18	4	35	9	17	2		3/4				Snow few " " N.E	
20	7	19	4	34	9	15	2		3/4				Damp lb " " "	
21	7	20	4	33	9	13	2		3/4				Rain fog Calm	
22	7	21	4	32	9	11	2		3/4				Damp " " " "	
23	7	22	4	31	9	10	2		3/4				" light breeze N.E	
24	7	23	4	30	9	9	2		3				Rain " " " " "	
25	7	20	4	29	9	6	2		3				" dry fresh wind " "	
26	7	19	4	28	9	4	2		3				Damp " " " " "	
27	7	25	4	28	9	3	2		3				" light " " var	
28	7	26	4	28	9	1	2		3				Rain " " " " N.E	
29	7	27	4	27	9	0	2		3				Dry " " " " var	
30	7	28	4	27	8	59	2		2 3/4				Rain " " " " N.E	
31	7	29	4	26	8	57	2		2 3/4				Dry " " " " "	

19 0 0 0 5 0 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	19	0	0
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5		
Total quantity expended this month	24	0	0

{ Order of Lens *4 + 5* Kind of Light *9 R + 7 W*
 { Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me—
Jas Morgan
 Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon* Light-Houses, in the month of *June 1906*, 1897
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	7	26	8	55	2		2 3/4					Dry light wind N.E.
2	7	30	7	25	8	55	2		2 3/4			8 1/2		" " " "
3	7	31	7	25	8	54	2		2 3/4					" Calm
4	7	32	7	24	8	52	3		2 3/4					Rain. Fog. Calm
5	7	32	7	24	8	52	3		2 3/4					" " "
6	7	33	7	24	8	51	2		2 1/2					" steady breeze N.E. & S.W.
7	7	34	7	23	8	49	2		2 1/2					Damp fresh " var"
8	7	35	4	23	8	48	2		2 1/2					Dry " " S.W.
9	7	35	4	23	8	48	2		2 1/2					Fog Calm
10	7	35	4	23	8	48	2		2 1/2					Damp fresh breeze N.E.
11	7	36	4	23	8	49	2		2 1/2					" light " " "
12	7	36	4	23	8	49	2		2 1/2					" " " var
13	7	36	4	23	8	49	2		2 1/2					" " " N.E.
14	7	37	4	23	8	50	2		2 1/2					" " " " "
15	7	38	4	23	8	44	2		2 1/2			8 1/2		" " " var"
16	7	38	4	23	8	44	2		2 1/2					" Calm
17	7	38	4	23	8	43	2		2 1/4					Dry light " N.E.
18	7	38	4	23	8	43	2		2 1/4					" Calm
19	7	38	4	23	8	43	2		2 1/4					Rain light wind var"
20	7	38	4	23	8	43	2		2 1/4					" " " " "
21	7	38	4	23	8	43	2		2 1/4					" fog " " N.W.
22	7	40	4	23	8	43	2		2 1/4					" " " " var"
23	7	40	4	24	8	43	2		2 1/4					Damp light breeze "
24	7	40	4	24	8	43	2		2 1/4					" Calm
25	7	40	4	24	8	43	2		2 1/4					Rain light breeze var"
26	7	40	4	25	8	43	2		2 1/4					" " " S
27	7	40	4	25	8	43	2		2 1/4					" " " S & S.W.
28	7	40	4	26	8	44	2		2 1/4					" Fog " " var"
29	7	40	4	26	8	44	2		2 1/4					" " fresh " N
30	7	40	4	26	8	46	2		2 1/4			8 1/2		" " Calm
31														

17 1 0 0 1/2 16 2 5 0 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	17	1	0 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	0	0
Total quantity expended this month	22	1	0 1/2

Order of Lens *4" + 5"* Kind of Light *GR. 7 1/2"*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2" + 1 1/8"*
 Written by me— *Jas. Logan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-Houses, in the month of *July 1906* 189
 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 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	2			2 1/4				Dense fog Calm Rain
2	7	40	4	27	8	47	2			2 1/4				Damp light breeze var
3	7	40	4	28	8	47	2			2 1/4				Dry " " NE
4	7	40	4	28	8	48	2			2 1/4				" " " var
5	7	39	4	29	8	50	2			2 1/4				" " " "
6	7	39	4	30	8	50	2			2 1/4				" " " W
7	7	39	4	30	8	51	2			2 1/4				" " " var
8	7	38	4	31	8	52	2			2 1/4				Rain " " "
9	7	37	4	32	8	53	2			2 1/4				damp fog calm
10	7	37	4	32	8	54	2			2 1/4				Dry " lb var
11	7	37	4	33	8	56	2			2 1/4				" " Calm
12	7	37	4	34	8	56	2			2 1/4				Rain lb var
13	7	36	4	35	8	58	2			2 3/4				Dry " " "
14	7	35	4	36	8	59	2			2 3/4				Rain " " "
15	7	35	4	37	9	1	2			2 3/4		8 1/2		Damp " " "
16	7	34	4	37	9	3	2			2 3/4				Rain " " "
17	7	33	4	38	9	5	2			3				Dry " " "
18	7	33	4	39	9	5	2			3				" Steady " W
19	7	32	4	40	9	7	2			3				" light " var
20	7	31	4	44	9	9	2			3				" " " "
21	7	31	4	41	9	11	2			3				Rain " " N.E
22	7	30	4	42	9	12	2			3 1/4				Dry fresh " W
23	7	29	4	43	9	14	2			3 1/4				" light - var
24	7	28	4	44	9	16	2			3 1/4				" " " "
25	7	27	4	45	9	18	2			3 1/4				Rain storm W to N.E
26	7	26	4	46	9	20	2			3 1/4				Dry light breeze var
27	7	25	4	47	9	22	2			3 1/2				" " " N.E
28	7	24	4	48	9	24	2			3 1/2				" " " var
29	7	23	4	49	9	26	2			3 3/4		8 1/2		" " " "
30	7	22	4	50	9	28	2			3 3/4				" " " N.E
31	7	21	4	51	9	30	2			3 3/4				" " " "

181 0 3/4 16 1/2 50 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	18	1	3/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5		
Total quantity expended this month	23	1	3/16

{ Order of Lens 4" + 5" Kind of Light 9 R + 7 W
 { Number of Wicks in burner 2 Diameter of outer burner 1 1/2 + 1 1/8
 Written by me— *Autonagon*
 Keeper

Autonagon Light-Keeper.
 Ass't Keeper.

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

Light-House, in the month of *August*, 1806

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 set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	7	20	4	52	9	32	2		3/4					Dry light breeze var
2	7	19	4	53	9	35	2		3/4					Rain " " "
3	7	18	4	54	9	37	2	1						Dry " " " S.E.
4	7	17	4	55	9	39	2	1						" " " "
5	7	16	4	56	9	41	2	1						Rain calm
6	7	14	4	57	9	45	2	1	1/4					Dry light breeze var
7	7	13	4	58	9	46	2	1	1/4					" " " "
8	7	12	4	59	9	48	2	1	1/4					" " " " S.E.
9	7	11	5	2	9	50	2	1	1/4					Rain calm
10	7	10	5	3	9	52	2	1	1/2					Dry light breeze W
11	7	8	5	3	9	55	2	1	1/2					" " " "
12	7	6	5	4	9	57	2	1	1/2					" " " " S.E.
13	7	4	5	5	10		2	1	1/2		1/2			" " " " var
14	7	3	5	2	10	5	2	1	3/4					" " " " S.E.
15	7	2	5	7	10	7	2	1	3/4					" " " " var
16	7	0	5	8	10	10	2	1	3/4					Rain calm
17	6	59	5	9	10	13	2	1	1					Light wind S.E.
18	6	58	5	10	10	16	2	1	1					Dry " " " var
19	6	56	5	11	10	18	2	1	1					" " " "
20	6	55	5	12	10	21	2	1	1 1/4					" " " "
21	6	53	5	15	10	25	2	1	1 1/4					Rain fog calm
22	6	57	5	14	10	26	2	1	1 1/4					Dry light breeze var
23	6	49	5	15	10	28	2	1	1 1/2					Rain fog blt S.E.
24	6	48	5	17	10	31	2	1	1 1/2					" " " " var
25	6	46	5	18	10	34	2	1	1 1/2					Damp " lb "
26	6	45	5	19	10	36	2	1	1 1/2					" lb W
27	6	44	5	20	10	38	2	1	1 3/4					Dry steady breeze SW
28	6	45	5	21	10	40	2	1	1 3/4		8 1/2			Rain squall S.W.
29	6	42	5	22	10	42	2	1	1 3/4					Dry fresh wind W
30	6	41	5	23	10	44	2	1	1 3/4					" steady - -
31	6	40	5	24	10	46	2	1	2					" " " SW

20,0 1/2 8 1/2 5-100

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	20	0	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	0
Total quantity expended this month	25	1	1 1/2

Order of Lens *4 + 5th* Kind of Light *GR + GR*
 Number of Wicks in burner *4* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *J. S. Longan* Keeper

J. S. Longan, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-Houses, in the month of *September*, 189*1*90*6*
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

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

21 3 0 13/4 16 1/6 5.2.1.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	21	3	7/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month	27	1	17/16

Order of Lens *4 1/2* Kind of Light *7 R + 9 W*
 Number of Wicks in burner *one* Diameter of outer burner *1/2 + 1/8*
 Written by me— *Jas. C. ...* Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon* Light-Houses, in the month of *Oct 1906*, 1897, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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				3	1/2			<i>8 1/2</i>	<i>Fresh wind W</i>
2	5	41	5	58	12	18				3	1/2				<i>Light - var</i>
3	5	39	5	59	12	20				3	3/4				<i>Dry Calm</i>
4	5	37	6	0	12	23				3	3/4				<i>" "</i>
5	5	35	6	1	12	26				3	3/4				<i>Rain 1/2 gale N W</i>
6	5	33	6	3	12	29				3	1				<i>" " " " "</i>
7	5	32	6	4	12	31				3	1				<i>Damp steady breeze N W</i>
8	5	30	6	5	12	34				3	1				<i>Rain 1/2 gale S + N W</i>
9	5	29	6	7	12	37				3	1 1/4				<i>Snow fresh wind " N W</i>
10	5	27	6	9	12	41				3	1 1/4				<i>" " " " "</i>
11	5	25	6	10	12	45				3	1 1/4				<i>Faint light - S</i>
12	5	24	6	11	12	47				3	1 1/2				<i>Dry light breeze W</i>
13	5	22	6	12	12	49				3	1 1/2				<i>- - - S</i>
14	5	20	6	13	12	51				3	1 1/2				<i>- - - var</i>
15	5	19	6	14	12	54				3	1 3/4				<i>- Calm</i>
16	5	17	6	15	12	57				3	1 3/4			<i>8 1/2</i>	<i>- -</i>
17	5	16	6	16	13	0				3	1 1/4				<i>- -</i>
18	5	14	6	17	13	2				3	2				<i>Rain</i>
19	5	12	6	18	13	5				3	2				<i>Damp light wind W</i>
20	5	10	6	19	13	7				3	2				<i>" Fresh - -</i>
21	5	9	6	20	13	11				3	2 1/4				<i>- Calm</i>
22	5	7	6	22	13	13				3	2 1/4				<i>- light wind N E + N W</i>
23	5	6	6	23	13	16				3	2 1/4				<i>- steady - N E x N</i>
24	5	4	6	25	13	18				3	2 1/2				<i>Rain - - -</i>
25	5	2	6	26	13	21				3	2 1/2				<i>" " " " "</i>
26	5	1	6	27	13	24				3	2 1/2				<i>" Calm</i>
27	5	0	6	28	13	26				3	2 3/4				<i>" Snow 1/2 gale N</i>
28	4	59	6	29	13	29				3	2 3/4				<i>Damp fresh breeze -</i>
29	4	58	6	30	13	31				3	2 3/4				<i>- - wind - E</i>
30	4	57	6	32	13	34				3	3				<i>- light - var</i>
31	4	55	6	33	13	37				3	3				<i>- fresh breeze S.W</i>

24 3 1 2 1/4 16-1/6 5, 3, 1, 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	<i>24</i>	<i>3</i>	<i>1 1/16</i>
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	<i>5</i>	<i>3</i>	<i>1</i>
Total quantity expended this month	<i>30</i>	<i>3</i>	<i>0 7/16</i>

Order of Lens *4 + 5th* Kind of Light *9 R + 7 W*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *Jac Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Outonagon Light-Houses, in the month of Nov-1906, 189
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 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	3								Damp fresh breeze S W
2	4	53	6	35	13	41	3								" light - var
3	4	51	6	36	13	45	3								" fresh - N.E x E
4	4	50	6	37	13	47	3								" Hazy calm
5	4	49	6	39	13	49	3								" " "
6	4	48	6	40	13	51	3								Rain steady breeze S.E x S
7	4	46	6	42	13	54	3								- light wind var
8	4	45	6	43	13	57	3								Damp - breeze S x W
9	4	44	6	44	13	59	3								- fresh wind N.W
10	4	43	6	45	14	1	3								" " " N
11	4	42	6	46	14	4	3								Snow - - " x E
12	4	41	6	48	14	6	3								" Steady breeze N
13	4	40	6	49	14	8	3								Damp calm
14	4	39	6	50	14	10	3	1			8 1/2				Snow light breeze var
15	4	39	6	51	14	12	3	1							" " " S W x W
16	4	38	6	52	14	14	3	1							" Rain - - N.E
17	4	37	6	53	14	16	3	1							" " " " "
18	4	36	6	55	14	18	3	1	1/4						Damp light - N
19	4	35	6	56	14	21	3	1	1/4						" " " var
20	4	35	6	57	14	23	3	1	1/2						Snow " " "
21	4	34	6	58	14	24	3	1	1/4						" Rain 1/2 gale N.E
22	4	34	6	59	14	26	3	1	1/2						Damp steady breeze N.W x W
23	4	33	7	1	14	28	3	1	1/2						" fresh - N.W
24	4	32	7	2	14	30	3	1	1/2						" " " N.S.W
25	4	31	7	3	14	32	3	1	1/2						Rain calm
26	4	31	7	4	14	33	3	1	3/4						Snow rain 1/2 gale N.E
27	4	31	7	5	14	35	3	1	3/4						Damp very fresh wind N
28	4	30	7	6	14	36	3	1	3/4						" " breeze "
29	4	30	7	7	14	37	3	1	3/4						Rain light - S W
30	4	29	7	9	14	39	3	1	3/4						Damp 1/2 gale N.S.W
31															

26 0 1 3/4 16 1/2 5 3 1 2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	26	0	1 15/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	1 1/2
Total quantity expended this month	32	0	1 3/16

{ Order of Lens 4th + 5th Kind of Light 2 R + 2 W
 { Number of Wicks in burner 2 Diameter of outer burner 1/2 + 1/8 inches
 Written by me— Jas Morgan

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autougon + Pier Head* Light-Houses in the month of *December*, 189*1906*
 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 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	10	14	41	3	1	1				<i>8 5/8</i>	<i>Snow fresh wind N.N.W</i>
2	4	29	7	11	14	42	3	1	1					<i>Damp - - N.S.W</i>
3	4	29	7	12	14	42	3	1	1					<i>" Steady breeze N.E</i>
4	4	29	7	13	14	45	3	1	1					<i>" - wind N.N.W</i>
5	4	29	7	14	14	46	3	1	1					<i>Snow - breeze N</i>
6	4	28	7	15	14	47	3	1	1					<i>" 1/2 gale N.E</i>
7	4	28	7	16	14	48	3	1	1					<i>Damp light breeze S.W</i>
8	4	28	7	16	14	49	3	1	1 1/4					<i>Snow fresh wind N.E</i>
9	4	28	7	17	14	49	3	1	1 1/4					<i>Damp very light breeze S.E</i>
10	4	28	7	18	14	50	3	1	1 1/4					<i>Snow - - var</i>
11	4	28	7	19	14	51	3	1	1 1/4					<i>Damp - - S x E</i>
12														<i>Rain - fresh wind S.E</i>
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

9 3 1 3/4 8 1 57.3.1.5

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
 Total quantity expended this month

GALLONS.	QUARTS.	PINTS.

{ Order of Lens Kind of Light
 { Number of Wicks in burner Diameter of outer burner
 Written by me—

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

2-387

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

Light-Houses, in the month of *April 1907* 189

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 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	6	46	5	12	10	28	2	1	1 1/2				<i>See No 16 7/6</i> damp fresh breeze W
20	6	47	5	11	10	26	2	1	1 1/2				" " " "
21	6	48	5	9	10	23	2	1	1 1/2				" " " "
22	6	49	5	8	10	21	2	1	1 1/2				" " " "
23	6	50	5	6	10	18	2	1	1 1/2				" " " " to N
24	6	51	5	4	10	16	2	1	1 1/2				" " " N.E.
25	6	52	5	3	10	13	2	1	1				" " " S.W.
26	6	53	5	2	10	11	2	1	1				" " " Var
27	6	54	5	1	10	9	2	1	1				Snow " " N.E.
28	6	55	4	59	10	4	2	1	3/4				" " " "
29	6	56	4	58	10	6	2	1	3/4				" " " "
30	6	57	4	57	9	59	2	1	3/4				damp light " Var
31													

7 3 1 1/2 " 5.2.0.1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses -----	7	3	1 5/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps -----	5	2	1/4
Total quantity expended this month -----	13	1	10 1/2

Order of Lens. *4 + 5* Kind of Light *P.R.Y.P.*
 Number of Wicks in burner *our* Diameter of outer burner *1/2 + 1/8*

Written by me—
Jas. Logan
 Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Cantonagon Light House, in the month of May 1907, 1899, 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 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	59	4	55	9	52	2	1	3/4			8 on 8 1/6	Damp steady breeze var	
2	7	0	4	52	9	53	2	1	1/2				Snow light - N.E. x N	
3	7	1	4	53	9	57	2	1	1/2				Damp " " var	
4	7	2	4	57	9	49	2	1	1/2				" " " N	
5	7	3	4	49	9	47	2	1	1/2				Snow + Rain fresh wind N to NW	
6	7	5	4	48	9	44	2	1	1/2				Damp fresh wind N.E.	
7	7	6	4	47	9	42	2	1	1/2				Snow - - - -	
8	7	7	4	46	9	40	2	1	1/2				Damp - - - -	
9	7	8	4	45	9	38	2	1					Rain snow - - N	
10	7	9	4	44	9	35	2	1					Snow - - - -	
11	7	10	4	43	9	33	2		3/4				Damp " " var	
12	7	11	4	42	9	31	2		3/4				Rain - - - -	
13	7	12	4	41	9	29	2		3/4				" Snow fail fresh wind N.E.	
14	7	13	4	40	9	27	2		3/4				" " " " "	
15	7	14	4	39	9	25	2		3/4			8 1/6	" " " " "	
16	7	15	4	38	9	23	2		3/4				" light wind var	
17	7	16	4	37	9	21	2		3/4				Dry - breeze "	
18	7	17	4	36	9	19	2		3/4				Damp - - - -	
19	7	18	4	35	9	17	2		3/4				Snow fresh - N to NW	
20	7	19	4	34	9	15	2		3/4				Damp light wind var	
21	7	20	4	33	9	13	2		3/4				" Steady - N.E.	
22	7	21	4	32	9	11	2		3/4				Rain - - - -	
23	7	22	4	31	9	9	2		3/4				Damp - breeze - -	
24	7	23	4	30	9	8	2		3/4				Dry light " S	
25	7	25	4	30	9	6	2		3/4				Rain fresh - N	
26	7	24	4	29	9	4	2		3/4				Snow + Rain fresh wind N.E.	
27	7	25	4	29	9	3	2		3				Damp steady wind	
28	7	26	4	28	9	1	2		3				Rain light " var	
29	7	27	4	27	9	0	2		3				Dry - - - S.W.	
30	7	28	4	27	8	58	2		3				" " " var	
31	7	29	4	26	8	57	2		3			8 1/6	" " " N.E.	

19 0 20

5-1.0.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	19	0	1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	0
Total quantity expended this month	24	1	1/6

Order of Lens 4 + v Kind of Light GR + F W
 Number of Wicks in burner One Diameter of outer burner 1 1/2 + 1/8
 Written by me— Jan Logan
 Keeper

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

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

Light-House, in the month of *June 1907* 189

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 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	30	4	26	8	55	2		3					Dry light breeze N.E
2	7	30	4	26	8	55	2		3					Rain - - - var
3	7	31	4	25	8	54	2		3					Dry - - - "
4	7	32	4	24	8	52	2		2 3/4					" " " "
5	7	32	4	24	8	52	2		2 3/4					" " " "
6	7	33	4	24	8	57	2		2 3/4					" " " "
7	7	33	4	23	8	50	2		2 3/4					" " " "
8	7	34	4	23	8	49	2		2 3/4					" " " N.E
9	7	34	4	23	8	48	2		2 3/4					" fresh wind S.E
10	7	35	4	23	8	47	2		2 3/4					Rain 1/2 gale S.E
11	7	35	4	23	8	46	2		2 1/2					Dry fresh wind " N.E
12	7	35	4	23	8	45	2		2 1/2					" light breeze var
13	7	36	4	23	8	45	2		2 1/2					" " " N.E
14	7	37	4	22	8	44	2		2 1/2					" " " var
15	7	37	4	22	8	44	2		2 1/2					" " " "
16	7	38	4	22	8	44	2		2 1/2					Rain - - - "
17	7	39	4	22	8	45	2		2 1/2					Dry steady - N.W.
18	7	39	4	23	8	45	2		2 1/2					" light - var
19	7	39	4	23	8	45	2		2 1/2					Rain " - -
20	7	40	4	23	8	43	2		2 1/2					Dry - - - "
21	7	40	4	23	8	43	2		2 1/2					" - - - "
22	7	40	4	23	8	43	2		2 1/2					Rain - - - "
23	7	40	4	24	8	43	2		2 1/2					" fog fresh - N.E
24	7	40	4	24	8	43	2		2 1/2					" " light - var
25	7	40	4	25	8	43	2		2 1/2					Damp " - -
26	7	40	4	25	8	43	2		2 1/2					" " " "
27	7	40	4	25	8	43	2		2 1/2					Dry " " N
28	7	40	4	26	8	45	2		2 1/2					" " " var
29	7	40	4	26	8	45	2		2 1/2					" " " "
30	7	40	4	26	8	46	2		2 1/2					Rain fog " "
31														
							17	1	1	2 1/4			5000	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	17	1	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5		
Total quantity expended this month	22	1	1 3/4

Order of Lens *4 + 5*
 Kind of Light *Z.B. + Z.H.*
 Number of Wicks in burner *one*
 Diameter of outer burner *1 1/2 + 1 1/2 inches*
 Written by me— *J. S. Brogan*
Keeper

J. S. Brogan, Light-Keeper.
 Ass't Keeper.

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

Light-Houses, in the month of *July* 1907, 189

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 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	2			2 1/2					Dry light breeze S.E.
2	7	40	4	27	8	46	2			2 1/2					" " " var
3	7	40	4	28	8	47	2			2 1/2					" " " "
4	7	40	4	28	8	48	2			2 1/2					Fog " " "
5	7	39	4	29	8	50	2			2 1/2					Dry " " " W
6	7	39	4	29	8	50	2			2 1/2					" " " "
7	7	39	4	30	8	51	2			2 1/2					Rain " " "
8	7	39	4	31	8	52	2			2 1/2					Dry " " "
9	7	38	4	32	8	53	2			2 1/2					" " " "
10	7	38	4	32	8	54	2			2 3/4					" " " "
11	7	38	4	33	8	56	2			2 3/4					Fog " " "
12	7	37	4	34	8	56	2			2 3/4					Dry " " "
13	7	36	4	35	8	58	2			2 3/4					" " " " W
14	7	36	4	35	8	59	2			2 3/4					" Calm
15	7	35	4	36	8	59	2			2 3/4					" light wind W
16	7	34	4	37	9	1	2			2 3/4					Rainsquall " "
17	7	34	4	38	9	2	2			3					Dry Calm
18	7	33	4	39	9	4	2			3					" " "
19	7	32	4	40	9	5	2			3					" light breeze var
20	7	31	4	41	9	7	2			3					Rain Calm
21	7	30	4	42	9	9	2			3 1/4					" " "
22	7	29	4	43	9	12	2			3 1/4					" " "
23	7	28	4	44	9	14	2			3 1/4					Dry light wind W
24	7	27	4	45	9	16	2			3 1/4					" " " var
25	7	27	4	46	9	18	2			3 1/2					Rain " " " W
26	7	26	4	47	9	22	2			3 1/2					Dry " " "
27	7	25	4	48	9	24	2			3 1/2					" " " var
28	7	24	4	49	9	26	2			3 3/4					" " " W
29	7	23	4	50	9	28	2			3 3/4					" " " var
30	7	22	4	57	9	30	2			3 3/4					" " "
31	7	21	4	49	9	32	2			3 3/4					" " "

	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 _____			
Total quantity expended this month _____			

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

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

Light *House*, in the month of *August*, 1897

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	19	4	53	9	32	2	1						Rain light wind var
2	7	18	4	54	9	35	2	1				$\frac{1}{8}$ ^{over}		" fresh - N.E
3	7	17	4	55	9	37	2	1						Dry light - var
4	7	16	4	56	9	39	2	1						Damp - - -
5	7	15	4	57	9	41	2	1	$\frac{1}{4}$	$\frac{1}{4}$				" - - -
6	7	14	4	58	9	43	2	1	$\frac{1}{4}$	$\frac{1}{4}$				Dry - - - W
7	7	12	4	59	9	45	2	1	$\frac{1}{4}$	$\frac{1}{4}$				" - - - var
8	7	11	5	0	9	50	2	1	$\frac{1}{4}$					" " " "
9	7	9	5	1	9	53	2	1	$\frac{1}{4}$					" - - -
10	7	8	5	2	9	55	2	1	$\frac{1}{2}$					Rain fresh - N.W
11	7	7	5	3	9	57	2	1	$\frac{1}{2}$					Damp - - - W
12	7	6	5	4	9	59	2	1	$\frac{1}{2}$					" dry - - - N.W x W
13	7	4	5	5	10	0	2	1	$\frac{1}{2}$					Dry " " breeze - -
14	7	3	5	6	10	2	2	1	$\frac{3}{4}$					" light - var
15	7	1	5	7	10	5	2	1	$\frac{3}{4}$					" fresh - W
16	7	0	5	8	10	7	2	1	$\frac{3}{4}$					" " wind N x W
17	6	59	5	9	10	10	2	1	$\frac{3}{4}$					" " breeze W
18	6	57	5	10	10	13	2	1	1					" dry - wind S
19	6	56	5	11	10	16	2	1	1					" light wind N
20	6	54	5	12	10	18	2	1	1					" " " W
21	6	53	5	13	10	21	2	1	1					" - - - var
22	6	51	5	15	10	23	2	1	$\frac{1}{4}$					" - - - W
23	6	49	5	16	10	26	2	1	$\frac{1}{4}$					Rain fresh - var
24	6	47	5	17	10	28	2	1	$\frac{1}{4}$					Dry dry - - - W
25	6	46	5	18	10	31	2	1	$\frac{1}{4}$			$\frac{2}{8}$ ^{over}		" light - -
26	6	44	5	19	10	34	2	1	$\frac{1}{4}$					" Calm
27	6	43	5	20	10	36	2	1	$\frac{1}{2}$					Rain -
28	6	41	5	21	10	39	2	1	$\frac{1}{2}$					Dry -
29	6	39	5	22	10	42	2	1	$\frac{1}{2}$					" ll N.E
30	6	38	5	23	10	44	2	1	$\frac{1}{2}$					" Calm
31	6	36	5	24	10	47	2	1	$\frac{1}{4}$					" -

20 0 1 0 14

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house	20	0	1 $\frac{1}{4}$
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5		1
Total quantity expended this month	25	1	0 $\frac{1}{4}$

Order of Lens. $4 + 5^m$ Kind of Light. $PR + 7 W$
 Number of Wicks in burner. *One* Diameter of outer burner. $1 \frac{1}{2} + 1 \frac{1}{8}$
 Written by me— *Jack Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon* Light-Houses, in the month of *September*, 188*9*

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

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	34	5	25	10	50	2	1	1	3/4				Dry very fresh wind N.W x W	
2	6	33	5	26	10	53	2	1	1	4/4				Rain " " " " N x W	
3	6	31	5	27	10	56	2	1	2					" " " " " " N.W	
4	6	29	5	28	10	59	2	1	2					Damp " " " " " " E	
5	6	27	5	29	10	1	2	1	2					Dry Calm	
6	6	26	5	30	11	4	2	1	2					" "	
7	6	25	5	31	11	7	2	1	2			6 1/2		" light breeze var	
8	8	23	5	32	11	10	2	1	2			8 1/2		Rain Calm	
9	8	21	5	33	11	11	2	1	2					" " " "	
10	8	19	5	34	11	13	2	1	2					Damp " " " "	
11	8	17	5	35	11	15	2	1	2					" light wind N.E	
12	6	15	5	36	11	18	2	1	2					Rain " " " " var	
13	6	14	5	37	11	21	2	1	2					" fresh " " S	
14	6	12	5	38	11	23	2	1	2					Damp light " " " " var	
15	6	10	5	39	11	26	2	1	2					Dry " " " " " "	
16	6	8	5	40	11	29	2	1	2					Rain " " " " " "	
17	6	7	5	41	11	32	2	1	3					" " " " " " S.W	
18	6	5	5	42	11	34	2	1	3					Dry Calm	
19	6	3	5	43	11	38	2	1	3					" fresh wind N & S	
20	6	2	5	44	11	41	2	1	3					Rain storm violent wind N.W	
21	6	0	5	45	11	44	2	1	3					Half gale N.W	
22	5	58	5	46	11	46	2	1	3			7 1/2		Dry light wind S.W	
23	5	57	5	47	11	49	2	1	3					Rain fresh " " " " N.W	
24	5	55	5	48	11	55	2	1	3					" 1/2 gale " " " "	
25	5	53	5	49	11	57	2	1	3					Damp light breeze var	
26	5	51	5	50	12	0	2	1	3					" " " " " " N	
27	5	49	5	52	12	3	2	1	3					" fresh " " " "	
28	5	47	5	53	12	6	2	1	3					Dry light " " " " var	
29	5	45	5	54	12	9	3							Damp " " " " " "	
30	5	45	5	52	12	15	3							" steady " " " " N	
31															

21 1 1 1/2 16 1/8 5200

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	21	1	1 1/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	
Total quantity expended this month	26	3	1 1/8

Order of Lens *4 + 5* Kind of Light *GR + IW*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me *Jas Hogan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Outonagon* Light-house, in the month of *Octr* 1907 *189*, 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 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	3							Damp light wick var
2	5	41	5	58	12	18	3		1/4					Dry
3	5	39	5	59	12	20	3		1/4					Rain
4	5	37	6	1	12	23	3		1/4					Damp
5	5	35	6	2	12	26	3		1/2					Dry
6	5	33	6	3	12	29	3		1/2					
7	5	32	6	14	12	31	3		1/2					Damp fresh
8	5	30	6	5	12	34	3		3/4		in on			Rain light var
9	5	29	6	6	12	38	3		1/2		8 1/2			" fresh var
10	5	27	6	7	12	40	3		1/2					" var
11	5	25	6	8	12	45	3		1					" var
12	5	23	6	9	12	45	3		1					Damp
13	5	22	6	10	12	48	3		1					" light var
14	5	20	6	12	12	57	3		1 1/4					Dry
15	5	19	6	13	12	54	3		1 1/4					"
16	5	17	6	14	12	57	3		1 1/4					" S
17	5	16	6	15	13	0	3		1 1/2					Damp very fresh var
18	5	14	6	17	13	2	3		1 1/2					" var
19	5	12	6	18	13	5	3		1 1/2					" Calm
20	5	10	6	19	13	7	3		1 1/4					"
21	5	9	6	20	13	11	3		1 1/4					Dry
22	5	7	6	22	13	15	3		1 1/4					" light breeze var
23	5	6	6	23	13	16	3		2		8 1/2			" var
24	5	4	6	25	13	18	3		2					" fresh
25	5	2	6	26	13	21	3		2 1/4					"
26	5	1	6	27	13	24	3		2 1/4					Rain wind S
27	5	0	6	28	13	26	3		2 1/4					Snow 1/2 gale var
28	4	59	6	29	13	29	3		2 1/2					Damp fresh wind S
29	4	58	6	30	13	31	3		2 1/2					" " S.E.
30	4	57	6	31	13	34	3		2 1/2					Dry breeze
31	4	55	6	32	13	37	3		2 1/2					Damp wind S

24 2 0 1 1/4 16 1/6

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	24	0	7 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	0
Total quantity expended this month	29	3	7 1/6

Order of Lens *S + 4* Kind of Light *W + R*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/8 + 1 1/2*
 Written by me— *Jas. Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outonagon* Light Houses, in the month of *Nov 1907* 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 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	3							Rain light wind S	
2	4	53	6	35	13	41	3							" fresh - NW	
3	4	57	6	36	13	45	3							" " " "	
4	4	50	6	37	13	47	3							Snow calm	
5	4	49	6	39	13	49	3							Damp light breeze var	
6	4	48	6	40	13	51	3							" " " "	
7	4	46	6	42	13	54	3							Rain " " "	
8	4	45	6	43	13	57	3							Damp fresh wind W	
9	4	44	6	44	13	59	3							" gale W + NW	
10	4	43	6	45	14	1	3							Snow " " NW	
11	4	42	6	46	14	4	3							Damp fresh wind W + S	
12	4	41	6	48	14	6	3							" " " SW	
13	4	40	6	49	14	8	3							Dry " " NW	
14	4	39	6	50	14	10	3							" " " W	
15	4	39	6	51	14	12	3							Dry light " var	
16	4	38	6	52	14	14	3							Damp " " "	
17	4	37	6	53	14	16	3							Dry fresh " W	
18	4	36	6	55	14	18	3							Damp " " SW	
19	4	35	6	56	14	21	3							" " breeze var	
20	4	35	6	57	14	23	3							Rain light " S	
21	4	34	6	58	14	24	3							Damp " " W	
22	4	34	6	59	14	26	3							" " " var	
23	4	33	7	1	14	28	3							Dry " " S	
24	4	32	7	2	14	30	3							Hazy fresh " S	
25	4	31	7	2	14	32	3							" " " SW	
26	4	31	7	3	14	33	3							" " " S	
27	4	29	7	4	14	34	3							Snow " " var	
28	4	30	7	5	14	36	3							" " " NW	
29	4	30	7	6	14	37	3							" " " W	
30	4	29	7	7	14	39	3							" " " "	
31															

25 3 1 0 3/4 16 4/6

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	25	3	1 3/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	1
Total quantity expended this month	31	3	6 3/16

Order of Lens *4 7 5* Kind of Light *GR + NW*
 Number of Wicks in burner *one* Diameter of outer burner *1/2 1/8*
 Written by me— *Jastrow*
Keeper

J. S. Jastrow, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-House, in the month of *Dec 1907*, 18*07*, 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 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	10	4	29	14	41	3	1	1/2					Snow fresh wind St Ex N
2	7	11	4	29	14	42	3	1	1/2					" " " var
3	7	12	4	29	14	42	3	1	1/2					Damp " - Ee
4	7	13	4	29	14	45	3	1	3/4					" light breeze var
5	7	14	4	29	14	46	3	1	3/4		be on			" - - -
6	7	15	4	28	14	47	3	1	3/4		8 1/2			" - - - S
7	7	16	4	28	14	48	3	1	3/4					" - - - var
8	7	16	4	28	14	49	3	1	3/4					" Calm
9	7	17	4	28	14	49	3	1	3/4					Snow fresh wind St. Ee
10	7	18	4	28	14	50	3	1	3/4					" light wind var
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

8 3 1 3/4 8 1/2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	8	3	1 1/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	1
Total quantity expended this month	14	3	0 1/16

Order of Lens *4 + 5* Kind of Light *PR + I H*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me—
Jas Logan
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Cobscook* Light-Houses in the month of *April*, 1908
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 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	6	47	5	11	10	28	2	7	1 1/2			<i>See box</i> 16 1/8		Damp light breeze N E	
21	6	48	5	9	10	23	2	1	1 1/2					" calm	
22	6	49	5	8	10	21	2	1	1 1/2					" light breeze N E	
23	6	50	5	6	10	18	2	1	1 1/4					Dry " " bar	
24	6	51	5	4	10	16	2	1	1 1/4					Rain fresh wind S E	
25	6	52	5	3	10	15	2	1	1					" " " W	
26	6	53	5	2	10	11	2	1	1					Damp " " N E	
27	6	54	5	1	10	8	2	1	3/4					Snow rain gale " "	
28	6	55	4	59	10	4	2	1	3/4					" fresh breeze " " S W	
29					10	1	2	1	1/2					Damp steady " " W	
30					9	57	2	1	1/2					" light breeze var	
31															

7 0 1 3/4 5 2 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	7	0	1 1/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	12	2	1 1/4

Order of Lens *4 + 5* Kind of Light *9 1/2 + 7 1/2*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *J. S. Longan*
Keeper

J. S. Longan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at Autonagon Light-Houses in the month of May 1908, 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 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	2	1	1/4				Rain Snow very fresh wind N	
2	7	0	4	54	9	53	2	1	1/2				Damp light wind -	
3	7	1	4	53	9	51	2	1	1/4				" Calm	
4	7	2	4	51	9	49	2	1	1/4	8 1/2			" Steady breeze N.E.	
5	7	3	4	50	9	47	2	1	1/4				-	
6	7	5	4	48	9	44	2	1					-	
7	7	6	4	47	9	42	2	1					-	
8	7	7	4	46	9	40	2	1					-	
9	7	8	4	45	9	38	2	1					-	
10	7	9	4	44	9	35	2	1					Dry Calm	
11	7	10	4	43	9	33	2	3/4					Rain light breeze var	
12	7	11	4	42	9	31	2	3/4					" fresh wind N.E.	
13	7	12	4	41	9	29	2	5/4					Damp - - -	
14	7	13	4	40	9	27	2	3 1/2					Rain - - -	
15	7	14	4	39	9	25	2	3 1/2					" - - -	
16	7	15	4	38	9	23	2	5 1/2					Damp - - -	
17	7	16	4	37	9	21	2	3 1/2					Rain light - - -	
18	7	17	4	36	9	19	2	3 1/2		8 1/2			" + fog calm	
19	7	18	4	35	9	17	2	3 1/4					Dry Calm	
20	7	19	4	34	9	15	2	3 1/4					Damp very fresh wind N.E.	
21	7	20	4	33	9	13	2	6 1/4					" - - -	
22	7	21	4	32	9	11	2	3					" Steady breeze N.W.x.W	
23	7	22	4	31	9	9	2	3					" light - N.x.S	
24	7	23	4	30	9	8	2	3					Rain Calm	
25	7	23	4	30	9	6	2	3					-	
26	7	24	4	29	9	4	2	2 1/4					" fresh wind N	
27	7	25	4	29	9	3	2	2 1/4					" - var	
28	7	26	4	28	9	1	2	2 1/4					" fog light - - -	
29	7	27	4	27	9	0	2	2 1/4					-	
30	7	28	4	27	8	59	2	2 1/4					Damp - - -	
31	7	29	4	26	8	57	2	2 1/4					-	

J. 2. 0. 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	18	3	1 1/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	24	1	1 1/8

Order of Lens 4 + 5 Kind of Light W. & R.
 Number of Wicks in burner One Diameter of outer burner 1 1/4 1 1/8
 Written by me— Jas Aragon

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *at Ontonagon* Light-Houses, in the month of *June 1908*, 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 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	30	4	26	8	55	2				2 3/4			Damp light breeze var	
2	7	30	4	26	8	55	2				2 1/4	8 1/2		Dry - - - N.E.	
3	7	31	4	25	8	54	2				2 1/4			- - - - -	
4	7	32	4	24	8	52	2				2 1/4			- - - - -	
5	7	32	4	24	8	52	2				2 1/4			- - - - - var	
6	7	33	4	24	8	51	2				2 1/4			- - - - - Calm	
7	7	33	4	24	8	50	2				2 1/4			Rain light breeze S	
8	7	34	4	24	8	49	2				2 1/4			- - - - - 1/2 gale N.W.	
9	7	34	4	24	8	48	2				2 1/4			Damp light breeze N.E.	
10	7	35	4	23	8	47	2				2 1/4			- - - - -	
11	7	35	4	23	8	46	2				2 1/4			- - - - -	
12	7	36	4	23	8	45	2				2 1/4			- - - - - S -	
13	7	36	4	23	8	45	2				2 1/4			Fog fresh - - - W	
14	7	37	4	22	8	44	2				2 1/4			Damp - - - wind -	
15	7	37	4	22	8	44	2				2 1/4			Rain light breeze var	
16	7	38	4	22	8	44	2				2 1/4	8 1/2		Damp - - - - -	
17	7	39	4	22	8	43	2				2 1/4			Dry fresh wind S.E.	
18	7	39	4	23	8	45	2				2 1/4			Rain light - - - var	
19	7	39	4	23	8	45	2				2 1/4			- - - - - fresh - - - W	
20	7	40	4	23	8	43	2				2 1/4			Dry light - - - var	
21	7	40	4	23	8	43	2				2 1/4			- - - - -	
22	7	40	4	23	8	43	2				2 1/4			Rain - - - - -	
23	7	40	4	24	8	43	2				2 1/4			- - - - - Fog - - - - -	
24	7	40	4	24	8	43	2				2 1/4			- - - - - very light - - -	
25	7	40	4	25	8	45	2				2 1/4			Dry calm	
26	7	40	4	25	8	45	2				2 1/4			" light breeze var	
27	7	40	4	25	8	45	2				2 1/4			- - - - -	
28	7	40	4	26	8	45	2				2 1/4			- - - - - Calm	
29	7	40	4	26	8	45	2				2 1/4			- - - - -	
30	7	40	4	26	8	46	2				2 1/4			Rain - - - - -	
31															

17 0 0 2 3/4 16 1/6 5 1 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-	17	0	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	0
Total quantity expended this month	22	1	1 1/6

Order of Lens *475* Kind of Light *P.R.V.W.*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 x 1 1/8*
 Written by me— *J. W. Corigan* Light-Keeper.
J. W. Corigan Ass't Keeper.

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

Light House, in the month of *July 1908*

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 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	2		2 3/4				8 1/2	Fog light wind var
2	7	40	4	27	8	46	2		2 3/4					Rain - - - N Ee
3	7	40	4	28	8	47	2		2 3/4					Damp - - - var
4	7	40	4	25	8	48	2		2 3/4					- - - - -
5	7	39	4	29	8	50	2		2 3/4					Rain Fog " " "
6	7	39	4	29	8	50	2		2 3/4					" " " "
7	7	39	4	30	8	57	2		2 3/4					Damp " " N + S
8	7	39	4	31	8	52	2		2 3/4					Dry " " N W + W
9	7	38	4	32	8	55	2		2 3/4					" Steady breeze "
10	7	38	4	33	8	56	2		2 3/4					" " " "
11	7	37	4	34	8	58	2		2 3/4					" fresh " "
12	7	37	4	34	8	56	2		2 3/4					" light - var
13	7	36	4	35	8	58	2		2 3/4					" Calm
14	7	36	4	35	8	59	2		2 3/4				8 1/2	" light breeze var
15	7	35	4	36	8	1	2		2 3/4					- - - - - W
16	7	34	4	37	9	3	2		3					Rain fresh - S
17	7	33	4	38	9	5	2		2					- Fog light - N x E
18	7	33	4	39	9	5	2		2					" - - - var
19	7	32	4	40	9	7	2		2					Dry Calm
20	7	31	4	41	9	9	2		2					" Lt breeze W
21	7	30	4	42	9	11	2		2 1/4					" - - - S
22	7	29	4	43	9	12	2		2 1/4					Rain - - - var
23	7	28	4	44	9	14	2		2 1/4					Dry - - - -
24	7	27	4	45	9	16	2		2 1/4					- - - - -
25	7	27	4	46	9	18	2		2 1/2					- - - - - S
26	7	26	4	47	9	20	2		2 1/2					- Calm
27	7	25	4	48	9	22	2		2 1/2					Rain - - - -
28	7	24	4	49	9	24	2		2 1/2					Dry - - - -
29	7	23	4	50	9	26	2		2 3/4					- light breeze var
30	7	22	4	51	9	28	2		2 3/4				8 1/2	Rain - - - -
31	7	21	4	52	9	30	2		2 3/4					Dry - - - -

16 5 1 3/4 24 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	16	3	1 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	2 1/2
Total quantity expended this month	22	1	0

Order of Lens *4 + 5* Kind of Light *7 R + 2 W*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *Jas Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon* Light-House in the month of *August 1908*, ~~188~~
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	53	9	32	2			2 3/4				Dry light wind N.E
2	7	19	4	54	9	54	2			2 3/4				" " S
3	7	17	4	56	9	58	2			2 3/4				" Steady breeze N.E
4	7	16	4	56	9	39	2			3				" " W
5	7	15	4	57	9	41	2			3				" " N.W
6	7	15	4	58	9	43	2			3				" light " var
7	7	12	4	59	9	46	2			3 1/4				" " W
8	7	11	5	0	9	48	2			3 3/4				" " var
9	7	9	5	1	9	50	2			3 1/4				" Calm
10	7	8	5	2	9	53	2			3 1/2				" " "
11	7	7	5	3	9	55	2			3 1/2				" Lt breeze N.E
12	7	6	5	4	9	57	2			3 1/2		8 1/2		" Steady " "
13	7	4	5	5	10	0	2			3 3/4				" " var
14	7	3	5	6	10	2	2			3 3/4				" light " "
15	7	1	5	7	10	5	2			3 3/4				Rain " " "
16	7	0	5	8	10	7	2			3 3/4				Dry " " SW
17	6		5	9	10	9	2	1						" 1/2 gale W
18	6	59	5	10	10	13	2	1						Rain light wind var
19	6	57	5	11	10	16	2	1						Dry fresh " W
20	6	56	5	12	10	18	2	1	1/4					" " breeze " SW
21	6	55	5	13	10	20	2	1	1/2					" " " SW & W
22	6	54	5	14	10	25	2	1	1/4					" " " W
23	6	53	5	16	10	26	2	1	1/2					" " " "
24	6	52	5	17	10	28	2	1	1/2					" " " "
25	6	46	5	18	10	31	2	1	1/2					" light " var
26	6	44	5	19	10	34	2	1	3/4			8 1/2		Rain " " "
27	6	45	5	20	10	36	2	1	3/4					Dry " " "
28	6	42	5	21	10	38	2	1	3/4					" " " N.E
29	6	39	5	22	10	42	2	1	1					" fresh wind SW
30	6	38	5	23	10	44	2	1	1					" " " "
31	6	36	5	24	10	47	2	1	1 1/4					Rain " " W

16 1/6

Total quantity consumed in the lamp of the Light-Houses.....
 Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps.....
 Total quantity expended this month.....

GALLONS.	QUARTS.	PINTS.

Order of Lens $4 + 5^{th}$ Kind of Light *PR or F W*
 Number of Wicks in burner..... Diameter of outer burner $1/2 + 1/8$
 Written by me— *J. L. Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light-Houses, in the month of *September*, 1808, 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 set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.				
1	6	35	5	25	10	49	2	1	1 1/4			8 1/2	Dry fresh wind W	
2	6	33	5	26	10	53	2	1	1 1/4				" - breeze " to NW	
3	6	31	5	27	10	56	2	1	1 1/2				" 1/2 Gale S.W	
4	6	29	5	28	10	59	2	1	1 1/2				" fresh wind N x S	
5	6	27	5	29	11	1	2	1	1 1/2				" - - - W	
6	6	26	5	30	11	3	2	1	1 1/2				" - - - -	
7	6	25	5	31	11	5	2	1	1 3/4				" light breeze var	
8	6	24	5	32	11	7	2	1	1 3/4				" - - - -	
9	6	23	5	34	11	10	2	1	1 3/4				" Dense smoke 1/2 gale S.W	
10	6	21	5	35	11	13	2	1	2				Dry - - - fresh wind - -	
11	6	17	5	36	11	18	2	1	2				" - - - light breeze W	
12	6	15	5	37	11	21	2	1	2 1/4				" - - - Calm	
13	6	14	5	38	11	23	2	1	2 1/4				" - - - -	
14	6	12	5	39	11	26	2	1	2 1/4				" - - - -	
15	6	10	5	40	11	29	2	1	2 1/2			8 1/2	" - - - -	
16	6	8	5	41	11	32	2	1	2 1/2				" - - - -	
17	6	7	5	42	11	34	2	1	2 1/2				" - - - -	
18	6	5	5	43	11	38	2	1	2 3/4				Dry light rain - -	
19	6	4	5	44	11	41	2	1	2 3/4				Rain - - - -	
20	6	3	5	45	11	44	2	1	2 3/4				Dry dense - - - -	
21	6	0	5	46	11	46	2	1	3				" - - - -	
22	5	58	5	47	11	49	2	1	3				" - - - -	
23	5	57	5	48	11	52	2	1	3 1/4				" clear fresh breeze W	
24	5	56	5	49	11	54	2	1	3 1/4				" Smokey Calm	
25	5	55	5	50	11	58	2	1	3 1/2				" - - - fresh wind S.W	
26	5	53	5	52	12		2	1	3 1/2				Rain - - - - - - -	
27	5	51	5	53	12	3	2	1	3 1/2				" - - - -	
28	5	49	5	54	12	6	2	1	3 3/4				" - - - - N.W	
29	5	45	5	55	12	8	2	1	3 3/4				" - - - light - - -	
30	5	44	5	56	12	12	2	1	3 3/4			8 1/2	" - - - 1/2 gale N x W	
31														

21 0 0 2 1/4 24 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	21	0	0 9/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	
Total quantity expended this month	26	2	9/6

Order of Lens 4 + 5" Kind of Light *GR + P W*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*
 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* Light-House, in the month of *October*, 189*8*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	2	1	3 3/4				Damp steady breeze N W x S	
2	5	41	5	58	12	18	2	1	3 3/4				Dry fresh breeze N E	
3	5	39	5	59	12	20	3						" light breeze N. E	
4	5	37	6	1	12	22	3						" " " " "	
5	5	35	6	2	12	26	3						" " " " "	
6	5	33	6	3	12	29	3	1/4					" " " " "	
7	5	32	6	4	12	31	3	1/4					" " " " "	
8	5	30	6	5	12	34	3	1/4					" " " " "	
9	5	29	6	6	12	38	3	1/2					" fresh wind N	
10	5	27	6	7	12	40	3	1/2					" " " " " N W	
11	5	25	6	8	12	43	3	1/2					" " " " " Calm	
12	5	23	6	9	12	45	3	3/4					" " " " "	
13	5	21	6	10	12	48	3	3/4					" " " " "	
14	5	22	6	12	12	51	3	3/4		8	1/2		" " " " " lt br var	
15	5	20	6	13	12	54	3	1					" fresh wind S W x S	
16	5	19	6	14	12	57	3	1					" " " " "	
17	5	17	6	15	13		3	1					" Smoky " " " " S W x W	
18	5	16	6	17	15	2	3	1 1/4					" " " " " N. E	
19	5	14	6	18	15	5	3	1 1/4					" " " " " N. E x E	
20	5	12	6	19	15	8	3	1 1/4					" " " " " gale S E	
21	5	10	6	20	15	11	3	1 1/2					" " " " " fresh wind S	
22	5	8	6	21	15	14	3	1 1/2					" Rain " " " " " breeze W x N	
23	5	6	6	23	13	16	3	1 1/2					" damp smoky lt br " " " S + N E	
24	5	4	6	25	13	18	3	1 1/4					" Rain fresh wind N W x N E	
25	5	2	6	26	13	21	3	1 1/4					" damp Calm	
26	5	1	6	27	13	24	3	1 3/4					" Rain " " " " "	
27	5	0	6	28	13	26	3	2					" damp " " " " "	
28	4 59	6	29	13	29		3	2		8	1/2		" " " " " fresh wind N	
29	4 58	6	30	13	31		3	2					" " " " " var " " " " " N. W	
30	4 57	6	31	13	33		3	2 1/4					" " " " " breeze S. W	
31	4 56	6	32	13	35		3	2 1/4					" " " " " light " " " " " var	

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	24	0	1 3/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5		1
Total quantity expended this month	29	3	0 3/16

Order of Lens *4 5 5* Kind of Light *FRITZ*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1/8*
 Written by me— *John Logan* Light-Keeper.
Keeper Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cantonagon* Light-Houses, in the month of *November*, 18*98*
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	3							Damp Calm	
2	4	53	6	35	13	41	3							- fresh wind S.W	
3	4	51	6	36	13	45	3							" light - - -	
4	4	50	6	39	13	47	3							- - - breeze var	
5	4	49	6	40	13	49	3							" Calm	
6	4	48	6	42	13	51	3							" fresh wind N.W x W	
7	4	46	6	43	13	54	3							- - - W	
8	4	45	6	44	13	57	3							Rain & Snow lt - -	
9	4	44	6	45	13	59	3							Damp fresh breeze W	
10	4	43	6	46	14	1	3							- light - S -	
11	4	42	6	48	14	4	3							- - - - -	
12	4	41	6	49	14	6	3							Snow - - - var	
13	4	40	6	50	14	8	3							Damp fresh - S.W	
14	4	39	6	57	14	10	3							Snow - - - W	
15	4	39	6	52	14	12	3							- - - N.W x W	
16	4	38	6	53	14	14	3							- very - - - W	
17	4	37	6	55	14	16	3							Damp - light - S -	
18	4	36	6	56	14	18	3							- Calm	
19	4	35	6	57	14	21	3							" "	
20	4	35	6	58	14	23	3							" light breeze var	
21	4	34	6	58	14	24	3							" " - - -	
22	4	33	6	59	14	26	3							- Calm	
23	4	33	7	1	14	28	3							- light breeze var	
24	4	32	7	2	14	30	3							" " " "	
25	4	31	7	3	14	32	3							Rain fresh wind E	
26	4	31	7	4	14	33	3							" + Snow & gale W	
27	4	31	7	5	14	35	3							Damp fresh wind S.W	
28	4	30	7	6	14	36	3							- - - W	
29	4	30	7	7	14	37	3							Dry - breeze "	
30	4	29	7	9	14	39	3							Rain very - - - " x W	
31															

25 1 1 1/2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	25	1	13/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	1
Total quantity expended this month	31	1	3/8

Order of Lens *4+5* Kind of Light *910 & 7 W*
 Number of Wicks in burner *One* Diameter of outer burner *1/2 + 1/8*

Written by me—
J. Morgan
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *Cantonagon* Light-Houses, in the month of *Dec 1908* 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 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	10	14	40	3	1			1	8		Living gale Snow N x N
2	4	29	7	11	14	42	3	1						Snow light wind S W
3	4	29	7	12	14	42	3	1						- - - var
4	4	29	7	13	14	45	3	1						- fresh - N x N
5	4	29	7	14	14	46	3	1						- - - var
6														- 1/2 gale N E
7														damp light wind N. W
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

4 1 1 0 8 . 1

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	4	1	1
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	3	1
Total quantity expended this month	10	1	0

Order of Lens *4 F V - 70* Kind of Light *PR - 1/2 N*
 Number of Wicks in burner *3* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *Cantonagon*
Raper

Gas Morgan Light-Keeper.
 Ass't Keeper.

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

Light-Houses, in the month of *April 1909* ESL

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 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	6	48	5	9	10	23	2	1	1/2			<i>bu no</i> <i>16 1/6</i>			<i>Rain + Snow light wind var</i>	
22	6	49	5	8	10	21	2	1	1/2						<i>Dense snowsquall fresh - S + W</i>	
23	6	50	5	6	10	18	2	1	1/2						<i>Damp fresh wind var</i>	
24	6	51	5	4	10	16	2	1	1/4						<i>Dense snowfall calm</i>	
25	6	52	5	3	10	13	2	1	1/4						<i>Snow Rain light br S + SE</i>	
26	6	53	5	2	10	11	2	1	1/4						<i>Damp light wind var</i>	
27	6	54	5	1	10	8	2	1	1						<i>Snow - - -</i>	
28	6	55	4	59	10	4	2	1	1						<i>- - -</i>	
29	6	57	4	57	10	1	2	1	1						<i>- brief gale SE</i>	
30	6	58	4	56	9	59	2	1	3/4						<i>- - - SE</i>	
31																

6 2 1 0

16 1/6

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	<i>6</i>	<i>2</i>	<i>1</i>
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	<i>5</i>	<i>2</i>	<i>1</i>
Total quantity expended this month	<i>12</i>	<i>1</i>	<i>0</i>

Order of Lens *4 + 5* Kind of Light *CR + SR*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *J. Longman*
Keeper

J. Longman, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily *Ontonagon* Light-House, in the month of *May 1909*, 1881
 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 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	2	1	3/4				Snowy gale N.W.	
2	7	0	4	54	9	53	2	1	3/4				" fresh wind - -	
3	7	1	4	53	9	51	2	1	1/2				damp - - - -	
4	7	2	4	51	9	49	2	1	1/2		8 1/2		" light - var	
5	7	3	4	50	9	47	2	1	1/2				- fresh breeze N.E.	
6	7	5	4	48	9	44	2	1	1/4				- - wind S.W. & W.	
7	7	6	4	47	9	42	2	1	1/4				Rain - - - var	
8	7	7	4	46	9	40	2	1	1/4				damp steady breeze var	
9	7	8	4	45	9	38	2	1	1/4				- - - N.E.	
10	7	9	4	44	9	35	2	1	0				dry light - var	
11	7	10	4	43	9	33	2	1	0				damp - - - "	
12	7	11	4	42	9	31	2	1	0				" " " "	
13	7	12	4	41	9	29	2	1	0				- - - W.	
14	7	13	4	40	9	27	2		3/4				- - - var	
15	7	14	4	39	9	25	2		3/4				Rain fresh wind N.E.	
16	7	15	4	38	9	23	2		3/4				" " " "	
17	7	16	4	37	9	21	2		3/4				damp light - var	
18	7	17	4	36	9	19	2		3/4		8 1/2		" fresh br - N.E.	
19	7	18	4	35	9	17	2		3/4				" " " "	
20	7	19	4	34	9	15	2		3/4				" " " "	
21	7	20	4	33	9	13	2		3/4				- - - -	
22	7	21	4	32	9	11	2		3/4				- - - -	
23	7	22	4	31	9	9	2		3/4				- - - -	
24	7	23	4	30	9	8	2		3/4				dry - - - -	
25	7	23	4	30	9	6	2		3/4				- - - -	
26	7	24	4	29	9	4	2		3/4				- - - wind S.E.	
27	7	25	4	29	9	3	2		3/4				Rain - - - var	
28	7	26	4	28	9	1	2		3/4				dry Calm	
29	7	27	4	27	9	0	2		3/4				- fresh breeze var	
30	7	28	4	27	8	59	2		3				- - - -	
31	7	29	4	26	8	57	2		3				Rain light - S.E.	

19 0 1 1/2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-House	19	0	1 3/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	24	2	1 3/4

Order of Lens *4 + 5"* Kind of Light *TR + 9 W*
 Number of Wicks in burner *One* Diameter of outer burner *1/2 + 1/8*
 Written by me - *Gas Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutwagon* Light-house in the month of *June 1909* 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 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	30	4	26	8	55	2		3					Rain light wind var
2	7	30	4	26	8	55	2		3					" Fog - - -
3	7	31	4	25	8	54	2		3					" Fog Calm
4	7	32	4	24	8	52	2		3					Damp light breeze var
5	7	32	4	24	8	51	2		2 3/4					" " " N E
6	7	33	4	24	8	50	2		2 3/4					Rain " " var
7	7	33	4	24	8	49	2		2 3/4					Damp fresh " N E
8	7	34	4	24	8	48	2		2 3/4					" " " "
9	7	34	4	24	8	47	2		2 3/4					" light " var
10	7	35	4	24	8	46	2		2 3/4					" " " "
11	7	35	4	23	8	46	2		2 3/4					" " " "
12	7	36	4	23	8	45	2		2 3/4					" " " N E
13	7	36	4	23	8	44 1/2	2		2 3/4					Rain fresh " " "
14	7	37	4	23	8	44	2		2 3/4	8 1/2				Damp light " var
15	7	37	4	22	8	44	2		2 3/4					" fresh " N
16	7	37	4	21	8	44	2		2 3/4					Rain fog light wind " N E
17	7	39	4	22	8	43	2		2 3/4					Damp " " var
18	7	39	4	23	8	43	3		2 3/4					Dry " " "
19	7	40	4	23	8	43	2		2 3/4					" " " "
20	7	40	4	23	8	43	2		2 3/4					" Calm
21	7	40	4	23	8	43	2		2 3/4					" " " "
22	7	40	4	23	8	43	2		2 3/4					Rain light wind var
23	7	40	4	24	8	43	2		2 3/4					Dry Calm
24	7	40	4	24	8	43	2		2 3/4					Damp " " "
25	7	40	4	25	8	43	2		2 3/4					Dry light breeze var
26	7	40	4	25	8	43	2		2 3/4					Fog " " "
27	7	40	4	25	8	43	2		2 3/4					" Calm
28	7	40	4	26	8	43	2		2 3/4					" " " "
29	7	40	4	26	8	43	2		2 3/4	8 1/2				" " " "
30	7	40	4	26	8	46	2		2 3/4					Dry light breeze N E
31														

17 2 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house	17	2	0
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	23	0	0

Order of Lens *4 + 5 - π* Kind of Light *GR + 9 W*
 Number of Wicks in burner *One* Diameter of outer burner *1/2 + 1/8*
 Written by me— *James Logan*

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily

at *Cantonagon* Light-House, in the month of *July* 1909

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 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	2		2 1/2					dry light wind N.E.
2	7	40	4	27	8	46	2		2 1/2					Rain - - var
3	7	40	4	28	8	47	2		2 1/2					damp - - -
4	7	40	4	28	8	48	2		2 1/2					dry - - -
5	7	39	4	28	8	50	2		2 1/2					- - -
6	7	39	4	29	8	50	2		2 1/2					- - - N.E.
7	7	39	4	30	8	51	2		2 1/2					- - -
8	7	39	4	31	8	52	2		2 3/4					- - -
9	7	38	4	32	8	53	2		2 3/4					damp - - - var
10	7	38	4	32	8	54	2		2 3/4					dry - - - W
11	7	38	4	33	8	56	2		2 3/4					Rain - - - N.E.
12	7	37	4	34	8	56	2		2 3/4					" fresh - - - N.W.
13	7	36	4	35	8	55	2		2 3/4					damp light - - - var
14	7	36	4	35	8	59	2		2 3/4					Rain - - - breeze -
15	7	35	4	36	9	1	2		3					damp - - -
16	7	34	4	37	9	3	2		3					Rain - - -
17	7	33	4	38	9	5	2		3					dry - - - N.E.
18	7	33	4	39	9	5	2		3					" - - -
19	7	32	4	40	9	7	2		3					" - - -
20	7	31	4	41	9	9	2		3 1/4					Rain " " 2 var
21	7	30	4	42	9	11	2		3 1/2					" " " "
22	7	29	4	43	9	12	2		3 1/4					" " " "
23	7	28	4	44	9	14	2		3 1/4					" " " "
24	7	27	4	45	9	16	2		3 1/2					dry " " N.W.
25	7	27	4	46	9	18	2		3 1/2					" " " var
26	7	26	4	47	9	20	2		3 1/2					" " " S.W.
27	7	25	4	48	9	22	2		3 1/2					" " " var
28	7	24	4	49	9	24	2		3 1/2					" - - -
29	7	23	4	50	9	26	2		3 1/2					Rain fresh wind N x E
30	7	22	4	51	9	28	2		3 1/2					dry light - - - var
31	7	21	4	52	9	30	2		3 1/2					" - - -

18 1 1 1 1/4 16 1/6

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	18	1	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	0
Total quantity expended this month	23	2	1 1/6

Order of Lens. *4 + 5* Kind of Light. *FR + FN*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8 inches*
 Written by me— *Jas. Longain*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily *Antonagon* Light-house, in the month of *August*, 1899,
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 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	19	4	53	9	32	2		33/4					Rain light wind var
2	7	18	4	54	9	30	2		33/4					Dry - - - N.E
3	7	17	4	55	9	37	2		33/4					" " " var
4	7	16	4	56	9	39	2		1					" " " "
5	7	15	4	57	9	41	2		1					" Calm
6	7	13	4	58	9	43	2		1					Rain light breeze var
7	7	12	4	59	9	46	2		1/4					" " " "
8	7	11	5		9	48	2		1/4					" " " "
9	7	10	5	1	9	50	2		1/4			8 1/2		" " " "
10	7	9	5	2	9	52	2		1/4					" " " "
11	7	7	5	3	9	55	2		1/4					Damp - - - N.E
12	7	6	5	4	9	57	2		1/4					Fog Calm
13	7	4	5	5	10	0	2		1/2					Dense fog "
14	7	3	5	6	10	02	2		1/2					Hazy damp "
15	7	1	5	7	10	5	2		1/2					Dry steady breeze W.
16	7	0	5	8	10	7	2		1/2					" light - - var
17	6	59	5	9	10	10	2		3/4					" " " "
18	6	57	5	10	10	13	2		5/4					" fresh - W
19	6	56	5	11	10	16	2		3/4					" light - -
20	6	54	5	12	10	18	2		3/4					" " " var
21	6	53	5	13	10	21	2		1					" " " W
22	6	51	5	15	10	23	2		1					" calm
23	6	50	5	16	10	25	2		1			8 1/2		Rain light wind var
24	6	48	5	14	10	29	2		1 1/4					" + fog calm
25	6	47	5	15	10	31	2		1 1/4					Fog calm
26	6	44	5	19	10	34	2		1 1/4					Dry light wind var
27	6	43	5	20	10	36	2		1 1/4					" fresh - S
28	6	41	5	21	10	38	2		1 1/2					Rain squall S & W
29	6	39	5	22	10	42	2		1 1/2					Dry fresh wind N x E
30	6	38	5	25	10	44	2		1 1/2					Damp - - - "
31	6	36	5	24	10	47	2		1 1/2					" var - - - N E x W

19 3 0 33/4 16 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	19	0	17/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	1
Total quantity expended this month	25	0	17/6

Order of Lens *4 + 5* Kind of Light *7 R + 9 W*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *Antonagon*
Keeper

Antonagon, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutwagon* Light-Houses, in the month of *September*, 189*9*
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	19	4	53	9	32	2	1	1	3/4				Damp fresh wind It	
2	7	18	4	54	9	35	2	1	1	3/4				" Steady bruse var"	
3	7	17	4	55	9	37	2	1	1	3/4				" light " "	
4	7	16	4	56	9	39	2	1	1	2				" fresh wind W & N x E	
5	7	14	4	57	9	42	2	1	1	2				" light bruse var"	
6	7	13	4	59	9	45	2	1	1	2				" " " "	
7	6	25	5	31	11	07	2	1	1	2				dry Calm	
8	6	25	5	32	11	10	2	1	2	3/4	2 on 8 1/2			" light bruse N.E.	
9	6	21	5	35	11	12	2	1	2	3/4				" " " var	
10	6	19	5	35	11	15	2	1	2	3/4				" - - -	
11	6	17	5	36	11	18	2	1	2	3/4				" Steady - NW x NE	
12	6	15	5	37	11	21	2	1	2	3/4				" light " S & W	
13	6	14	5	39	11	24	2	1	2	3/4				Rain " " var	
14	6	12	5	39	11	26	2	1	2	3/4				dry - - - S	
15	6	10	5	40	11	29	2	1	2	3/4				Rain - - - N.E.	
16	6	8	5	41	11	32	2	1	2	3/4				" " " W	
17	6	7	5	43	11	36	2	1	3					" fresh wind "	
18	6	5	5	44	11	38	2	1	5	1/2				" light " var	
19	6	3	5	45	11	41	2	1	3	1/2				" " " "	
20	6	2	5	46	11	44	2	1	3	1/4				dry very fresh - S	
21	6	0	5	47	11	46	2	1	3	1/2				Rain - - - -	
22	5	58	5	48	11	18	2	1	3	1/2	8 1/2			damp " " W	
23	5	56	5	49	11	21	2	1	5	1/2				" " " "	
24	5	55	5	50	11	23	2	1	3	1/2				" " " "	
25	5	53	5	51	11	26	2	1	3	1/2				" light " var	
26	5	52	5	52	11	28	2	1	3	3/4				" Steady bruse N.E.	
27	5	50	5	53	11	31	2	1	3	1/2				" light " var	
28	5	48	5	54	11	34	2	1	3	3/4				" fresh - N.E.	
29	5	47	5	55	11	36	2	1	3	3/4				Rain - wind - -	
30	5	49	5	56	11	38	3							damp light " var	
31															

21 1 0 2 1/2 - 16 1/6 5,2,0,0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light House	21	1	5 9/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	
Total quantity expended this month	26	3	9 1/6

Order of Lens *4 1/2* Kind of Light *P.R. & G.H.*
 Number of Wicks in burner *one* Diameter of outer burner *1/2 & 1/8*
 Written by me— *Jas Logan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antonagon* Light-Houses, in the month of *October*, 1909, 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 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				3				Damp light breeze var
2	5	41	5	58	12	18				3				Dry " " NE
3	5	40	5	59	12	20				3				Damp calm
4	5	38	6	01	12	23				3	1/4			Fog
5	5	36	6	02	12	26				3	1/4			Dry
6	5	33	6	03	12	29				3	1/4			" Hazy
7	5	32	6	04	12	31				3	1/4	8 1/4		" " "
8	5	30	6	05	12	34				3	1/2			" " "
9	5	29	6	06	12	38				3	1/2			" " "
10	5	27	6	07	12	40				3	1/2			Rain fresh wind S
11	5	25	6	08	12	43				3	3/4			Snow Rain Gale NE
12	5	24	6	09	12	45				3	3/4			" " " " " " " " " " " "
13	5	21	6	10	12	48				3	3/4			" " " " " " " " " " " "
14	5	20	6	12	12	51				3	3/4			" " " " " " " " " " " "
15	5	19	6	13	12	54				3	1			" " " " " " " " " " " "
16	5	17	6	14	12	57				3	1			Damp fresh wind " "
17	5	16	6	15	13	0				3	1			" " " " " " " " " " " "
18	5	14	6	17	13	2				3	1 1/4			" " " " " " " " " " " "
19	5	12	6	18	13	5				3	1 1/4			" light breeze S.W
20	5	10	6	19	13	8				3	1 1/4			" " " " " " " " " " " "
21	5	8	6	20	13	11				3	1 1/2			Rain " " " "
22	5	6	6	21	13	14				3	1 1/2	8 1/4		" Snow sleet fr br NE
23	5	5	6	23	13	16				3	1 1/2			Damp fresh wind W
24	5	4	6	25	13	18				3	1 1/2			" " " " " " " " " " " "
25	5	2	6	26	13	21				3	1 3/4			" " " " " " " " " " " "
26	5	1	6	27	13	24				3	1 3/4			" " " " " " " " " " " "
27	5	0	6	28	13	26				3	1 3/4			Snow 1/2 gale N.W
28	4	59	6	29	13	29				3	2			" Rain fresh wind NE
29	4	58	6	30	13	31				3	2			Hazy damp " " " "
30	4	57	6	31	13	34				3	2			" " " " " " " " " " " "
31	4	55	6	32	13	37				3	2 1/4			" " " " " " " " " " " "

24 0. 1 3 1/4 5 2. 1. 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	24	0	1 1/4
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	
Total quantity expended this month	29	1	1 1/4

Order of Lens 4^{th} + 5^{th} Kind of Light $\text{V.R.} + \text{V.} \text{W}$
 Number of Wicks in burner One Diameter of outer burner $1\frac{1}{2} + 1\frac{1}{8}$
 Written by me— *Just Corigan*
Keeper

Just Corigan, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Aulonegon* Light-Houses in the month of *Novr* 1909, 189
 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 set aside for hand and house lamps.	REMARKS ON THE WEATHER. (Dry, damp, rainy, snowy, light wind, moderate breeze, fresh breeze, or gale, &c.)	
	Hour.	Min.	Hour.	Min.	Hour.	Min.	Galls.	Qts.	Pints.	Gills.					
1	4	57	6	33	13	39		3		2 1/4				Rain very fresh wind N E	
2	4	53	6	35	13	41		3		2 1/4				Damp " " N W	
3	4	52	6	37	13	44		3		2 1/4				" light " W	
4	4	50	6	39	13	47		3		2 1/2				" " " var	
5	4	49	6	40	13	49		3		2 1/2				" fresh " W	
6	4	48	6	41	13	51		3		2 1/2				Rain " " S x E	
7	4	46	6	42	13	54		3		2 3/4				Damp " br " N x S	
8	4	45	6	43	13	57		3		2 3/4	8 1/2			" " " W	
9	4	44	6	44	13	59		3		2 3/4				" " " S	
10	4	43	6	45	14	1		3		3				" half gale " "	
11	4	42	6	46	14	4		3		3				" fresh wind W	
12	4	41	6	48	14	6		3		3				" light breeze var	
13	4	40	6	49	14	8		3		3 1/4				Rain fresh wind W	
14	4	39	6	50	14	10		3		3 1/4				" light " var	
15	4	39	6	51	14	12		3		3 1/4				Damp fresh " S W	
16	4	38	6	52	14	14		3		3 1/4				Snow gale N E	
17	4	37	6	53	14	16		3		3 1/2				" fresh wind N W	
18	4	36	6	54	14	18		3		3 1/2				Damp light " var	
19	4	35	6	55	14	20		3		3 1/2				Rain " " "	
20	4	34	6	56	14	22		3		3 1/2				" " " "	
21	4	33	6	57	14	24		3		3 3/4				Snow " " N	
22	4	32	6	58	14	26		3		3 3/4	8 1/2			" " " S	
23	4	32	6	59	14	28		3		3 3/4				Damp light " "	
24	4	32	7	1	14	30		3		3 3/4				" steady breeze S.W	
25	4	31	7	3	14	32		3		3 3/4				" " " "	
26	4	31	7	4	14	34		3	1					" " " S E	
27	4	31	7	5	14	35		3	1					" light " var	
28	4	30	7	6	14	36		3	1					Dry " " N.W	
29	4	30	7	7	14	37		3	1					" " " S E	
30	4	29	7	9	14	39		3	1					Rain Steady " "	
31															

24 3 1 1/4 16 4/6 5, 2, 1, 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	24	3	15 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month	30	2	16 1/2

Order of Lens *4 5 15* Kind of Light *GR & IW*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 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* Light-Houses in the month of *Dec*, 18*09*, 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 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	10	14	41	3	1	1/4					damp light wind S E
2	4	29	7	11	14	42	3	1	1/4					Rain - - S + S E
3	4	29	7	12	14	42	3	1	1/4					damp - - var
4	4	29	7	13	14	45	3	1	1/4		8 1/2			- - - S + S W
5	4	29	7	14	14	46	3	1	1/4					Rain - - var
6	4	28	7	15	14	47	3	1	1/4					Snow fresh - N
7	4	28	7	16	14	48	3	1	1/4					damp & gale S. W
8	4	28	7	16	14	49	3	1	1/2					" fresh wind var
9	4	28	7	17	14	49	3	1	1/2					Snow " - N W
10	4	28	7	18	14	50	3	1	1/2					damp " - N W + N E
11														
12														
13														
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

8 3 0 3/4 8 1/2 5.2.1.0

Total quantity consumed in the lamp of the Light- *FR + FW*

GALLONS.	QUARTS.	PINTS.
8	3	0 1/16
5	2	1
14	1	1 13/16

Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps

Total quantity expended this month

{ Order of Lens *4 + 5* Kind of Light *FR + FW*
 { Number of Wicks in burner *2* Diameter of outer burner *1 1/2 + 1 1/8*

Written by me—

Jas Logan
Keeper

Jas Logan Light-Keeper.
Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outwagon* Light-house, in the month of *April*, 1891
 and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	6	36	5	26	10	49	2	1	2 1/4			16 1/2		Snow Hail 1/2 gale N E x E
12	6	38	5	24	10	47	2	1	2 1/4					damp fresh wind N E
13	6	39	5	22	10	44	2	1	2 1/4					" " " S E " "
14	6	40	5	20	10	41	2	1	2 1/4					Dry " breeze " " "
15	6	41	5	19	10	39	2	1	2					Rain " " var
16	6	42	5	17	10	36	2	1	2					" " " "
17	6	44	5	15	10	33	2	1	2					Damp light " S to N E
18	6	45	5	14	10	31	2	1	2					Snow Hail Rain fresh wind N x E
19	6	46	5	12	10	28	2	1	1 3/4					damp fresh wind N E
20	6	47	5	11	10	26	2	1	1 3/4					" light " S to " "
21	6	48	5	9	10	23	2	1	1 3/4					" Steady - var
22	6	49	5	8	10	21	2	1	1 3/4					" fresh - N. W x N
23	6	50	5	6	10	18	2	1	1 1/2					Snow 1/2 gale N x N. E
24	6	51	5	4	10	16	2	1	1 1/2					damp fresh wind " "
25	6	52	5	3	10	13	2	1	1 1/2			8 1/2		" " " " "
26	6	53	5	2	10	11	2	1	1 1/4					" light - var
27	6	54	5	1	10	8	2	1	1 1/4					" very fresh - N. E
28	6	55	4	59	10	4	2	1	1 1/4					" 1/2 gale S E
29	6	56	4	57	10	1	2	1	1 1/4					" " " N E
30	6	58	4	56	9	59	2	1	1					" light wind N W x N x E
31														

13 2 0 2 1/2 24 3/4 5 2 1 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	13	2	10/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month	18	0	10/6

Order of Lens. *4 + 5"* Kind of Light. *V.R.P.W*
 Number of Wicks in burner. *blue* Diameter of outer burner. *1/2 + 1/8*
 Written by me— *Jas Longan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-house in the month of *May 1910*, 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 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	2	1	3/4				Damp light wind var	
2	7	0	4	54	9	53	2	1	3/4				" fresh - N.E	
3	7	1	4	53	9	57	2	1	3/4				" " breeze - -	
4	7	2	4	51	9	49	2	1	3/4				" " " var	
5	7	3	4	50	9	49	2	1	1/2				Dry light " "	
6	7	5	4	48	9	44	2	1	1/2				Damp " " N.E	
7	7	6	4	47	9	42	2	1	1/2	in on 8 1/6			" fresh " var	
8	7	7	4	46	9	40	2	1	1/4				Rain light " "	
9	7	8	4	45	9	38	2	1	1/4				Damp steady - W	
10	7	9	4	44	9	35	2	1	1/4				" " " "	
11	7	10	4	45	9	33	2	1					" " " "	
12	7	11	4	42	9	31	2	1					" fresh - N.E	
13	7	12	4	41	9	29	2	1					" " " "	
14	7	13	4	40	9	27	2	1					Breeze smoke " " "	
15	7	14	4	39	9	25	2		3/4				" " Calm	
16	7	15	4	38	9	23	2		3/4				Rain light breeze var	
17	7	16	4	37	9	21	2		3/4				" " " "	
18	7	17	4	36	9	19	2		3/4				" " " "	
19	7	18	4	35	9	17	2		3/4				Damp fresh " N.E	
20	7	19	4	34	9	15	2		3/4				Rain light wind " "	
21	7	20	4	33	9	13	2		3/4	8 1/6			" " " "	
22	7	21	4	32	9	11	2		3/4				Damp " " " "	
23	7	22	4	31	9	9	2		3/4				" Steady breeze - -	
24	7	23	4	30	9	7	2		3/4				Rain light " var	
25	7	23	4	30	9	6	2		3/4				Damp " " " "	
26	7	24	4	29	9	4	2		3/4				" " " "	
27	7	25	4	29	9	3	2		3/4				Dry " " N.E	
28	7	26	4	28	9	1	2		3				Damp fresh wind S	
29	7	27	4	27	9	0	2		3				Rain 1/2 gale W	
30	7	28	4	26	8	58	2		3				Snow fresh wind N.W	
31	7	29	4	25	8	56	2		3				Damp " " " "	

Total quantity consumed in the lamp of the Light-houses	GALLONS.	QUARTS.	PINTS.
19 0 1 2/4	19	0	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	24	2	1 1/6

Order of Lens *4 + 5"* Kind of Light *9 R. 9 W*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me—
W. S. Morgan
 Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutwagon* Light-Houses in the month of *June 1910* 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 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	30	4	26	8	55	2		3					Damp light breeze N	
2	7	31	4	54	8	55	2		3					" fresh wind N	
3	7	31	4	53	8	54	2		3					Rain " " E	
4	7	32	4	51	8	52	2		3		8 1/6			Damp light " var	
5	7	33	4	50	8	52	2		3					Fog fresh breeze N.E	
6	7	34	4	49	8	50	2		3					Damp steady " N x N	
7	7	34	4	49	8	50	2		3					Dry light " var	
8	7	34	4	24	8	49	2		3					" " " "	
9	7	34	4	24	8	41	2		3					" fresh " N.E	
10	7	34	4	24	8	48	2		3					" light " "	
11	7	35	4	25	8	46	2		3					" Calm	
12	7	35	4	25	8	46	2		3					" " " "	
13	7	36	4	25	8	45	2		3					" " " "	
14	7	36	4	22	8	44	2		3					" " " "	
15	7	37	4	22	8	44	2		3					" light breeze var	
16	7	37	4	22	8	44	2		3					Rain " " "	
17	7	38	4	22	8	43	2		3					Dry " " "	
18	7	39	4	23	8	41	2		2 3/4		8 1/6			" " " "	
19	7	39	4	23	8	41	2		2 3/4					" Calm	
20	7	39	4	25	8	41	2		2 3/4					" dense smoke calm	
21	7	39	4	23	8	41	2		2 3/4					" " " "	
22	7	39	4	25	8	41	2		2 3/4					" " " "	
23	7	40	4	23	8	42	2		2 3/4					" Rain light br " var"	
24	7	40	4	23	8	42	2		2 3/4					Dry " " "	
25	7	40	4	20	8	40	2		2 3/4					Rain " " "	
26	7	40	4	20	8	40	2		2 3/4					Damp " " "	
27	7	40	4	25	8	43	2		2 3/4					Dry Smoky " " "	
28	7	40	4	26	8	45	2		2 3/4					" " " "	
29	7	40	4	26	8	45	2		2 3/4					" " Calm	
30	7	40	4	26	8	46	2		2 3/4					" " lt " br " var"	
31															

177 2,254 5,10,0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	17	2	1 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	2	1	
Total quantity expended this month	19	3	1 1/6

Order of Lens *4 + 5"* Kind of Light *PR + 3W*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/8*
 Written by me— *J. Morgan*
Keeper

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

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

Light *Houses*, in the month of *July* 1910, 1899

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 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	8	46	8	46	2		2 3/4					Dry light breeze var
2	7	40	8	46	8	46	2		2 3/4					" " " "
3	7	40	8	47	8	47	2		2 3/4		8 1/2			Rain fresh " N.E.
4	7	40	8	48	8	48	2		3					Dry Calm
5	7	39	8	50	8	50	2		3					" fresh breeze S.W.
6	7	39	4	27	8	50	2		3					" steady " W.
7	7	39	4	27	8	50	2		3					Rain fresh wine var
8	7	38	4	27	8	51	2		3					Damp light breeze "
9	7	38	4	32	8	53	2		3					Rain " " "
10	7	38	4	32	8	54	2		3					Damp " " "
11	7	37	4	33	8	56	2		3 1/4					Rain fresh " N.W.
12	7	36	4	33	8	57	2		3 1/4					Dry light " var
13	7	36	4	34	8	58	2		3 1/4					" " " "
14	7	35	4	34	8	59	2		3 1/4					" " " "
15	7	34	4	35	9	01	2		3 1/4					" " " "
16	7	34	4	37	9	03	2		3 1/4					" Steady " N.E.
17	7	33	4	38	9	05	2		3 1/4		8 1/2			Rain light " " "
18	7	33	4	39	9	05	2		3 1/4					Dry " " var
19	7	32	4	40	9	07	2		3 1/4					" Smoky " " "
20	7	31	4	41	9	09	2		3 1/4					" " Calm
21	7	30	4	41	9	11	2		3 1/4					" " " "
22	7	29	4	42	9	13	2		3 1/4					" " " "
23	7	28	4	44	9	14	2		3 1/4					Rain storm " W.
24	7	27	4	45	9	16	2		3 3/4					" fresh wine "
25	7	27	4	46	9	18	2		3 3/4					" " " "
26	7	26	4	47	9	20	2		3 3/4					Dry light " var
27	7	25	4	48	9	22	2		3 3/4					" " " "
28	7	24	4	49	9	24	2		3 3/4					Rain fresh " W.
29	7	23	4	50	9	26	2	1	00					Dry light breeze var
30	7	22	4	51	9	28	2	1						" " wine N to N.E.
31	7	21	4	52	9	30	2	1						" Dry breeze var

18 2 1 2 1/4 16 1/2

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	18	2	7 1/2
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	
Total quantity expended this month.....	24	0	7 1/2

{ Order of Lens *4 5 5* Kind of Light *GR + 2 W*
 { Number of Wicks in burner *cur* Diameter of outer burner *1 1/2 + 1 1/8*

Written by me—
J. M. Oregon
 Keeper

J. M. Oregon, Light-Keeper.
 _____, Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Cutwagon* Light-Houses, in the month of *August*, 189*0* 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 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	19	4	53	9	32	2		1					Dry light breeze N.E
2	7	18	4	54	9	35	2		1/4			8 1/2		" " " S
3	7	17	4	55	9	37	2		1/4					Rain fresh wind W
4	7	16	4	56	9	39	2		1/4					" light " var
5	7	15	4	57	9	41	2		1/4					Dry fresh " W
6	7	14	4	58	9	43	2		1/2					" " breeze N.E
7	7	13	4	59	9	45	2		1/2					" steady - var
8	7	11	5	0	9	48	2		1/2					Rain squall W
9	7	9	5	1	9	50	2		1/2					Dry light breeze var
10	7	8	5	2	9	53	2		3/4					" " " "
11	7	7	5	3	9	55	2		3/4					" " " N.E
12	7	6	5	4	9	57	2		3/4					Rain " " var
13	7	5	5	5	9	59	2		3/4					" " " N.E
14	7	4	5	6	10	1	2		2					Dry fresh " " "
15	7	1	5	7	10	5	2		2					Rain light " " "
16	7	0	5	8	10	7	2		2					" " " " "
17	6	59	5	9	10	9	2		2/4			8 1/2		Damp " " " "
18	6	57	5	10	10	12	2		2/4					Dry " " " var
19	6	56	5	11	10	14	2		2/4					Damp Calm
20	6	55	5	12	10	17	2		2/4					Dry " " " "
21	6	53	5	14	10	20	2		2/4					" " " "
22	6	49	5	15	10	23	2		2/4					Damp " " " "
23	6	47	5	16	10	26	2		2/4					Dense smoke light breeze var
24	6	46	5	17	10	28	2		2/4					Rain 1/2 gale .E
25	6	45	5	18	10	31	2		3					" " " " x W
26	6	44	5	19	10	34	2		3					Damp fresh breeze var
27	6	43	5	20	10	36	2		3/4					" " " W
28	6	41	5	21	10	39	2		3/4					" light " N.E
29	6	39	5	22	10	44	2		3/2					" fresh " S
30	6	38	5	23	10	44	2		3/2					Rain light " var
31	6	37	5	24	10	46	2		3/4					Damp " " " "

19 3 0 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses -----	19	3	0
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps -----	5	1	0
Total quantity expended this month -----	24	4	0

{ Order of Lens. *4 + 5"* Kind of Light. *PR. & EW*
 { Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 1/2*

Written by me— *Jas Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Outonagon* Light-houses, in the month of *Sept*, 18*80*, and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	55	5	25	10	49	2	1	19/4		8 1/2			Damp light breeze N.E
2	6	53	5	26	10	53	2	1	17/4					Rain Calm
3	6	51	5	27	10	56	2	1	2					Damp light breeze var
4	6	29	5	28	10	59	2	1	2					" Calm
5	6	28	5	29	11	01	2	1	2					Rain light breeze S.E
6	6	26	5	30	11	05	2	1	2 1/4					Dry " " var
7	6	25	5	31	11	05	2	1	2 1/4					" " " "
8	6	25	5	32	11	18	2	1	2 1/4					Rain fresh wind N.W
9	6	22	5	35	11	20	2	1	2 1/4					Dry " " " "
10	6	19	5	35	11	25	2	1	2 1/4					Damp " " " "
11	6	17	5	36	11	26	2	1	2 1/4					Rain " " " var
12	6	15	5	37	11	29	2	1	2 1/4					Damp " " " "
13	6	14	5	38	11	25	2	1	2 1/4					" " " " var
14	6	13	5	39	11	26	2	7	2 1/4		8 1/2			" " " " "
15	6	12	5	40	11	28	2	1	2 1/4					Dry light " " "
16	6	11	5	41	11	29	2	1	2 1/4					" " " " var
17	6	7	5	42	11	34	2	1	2 1/4					" " " " "
18	6	5	5	43	11	38	2	1	3					Half gale N.E
19	6	3	5	44	11	41	2	1	3					Fresh wind S.W
20	6	2	5	45	11	44	2	1	3					" " " " N.E
21	6	0	5	46	11	46	2	1	3 1/4					" " " " "
22	5	58	5	47	11	49	2	1	3 1/4					Rain fresh wind " "
23	5	57	5	48	11	51	2	1	3 1/4					Damp " " " "
24	5	56	5	49	11	53	2	1	3 1/2					" " " " var
25	5	54	5	50	11	56	2	1	3 1/2					Rain calm
26	5	52	5	51	12	00	2	1	3 1/2					" " " " "
27	5	51	5	49	12	03	2	1	3 1/2					" " " " "
28	5	50	5	47	12	06	2	1	3 1/2		8 1/2			Damp " " " "
29	5	48	5	46	12	09	2	1	3 3/4					" " " " "
30	5	46	5	45	12	12	3							" light breeze var
31														

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	20	1	3/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	1
Total quantity expended this month	25	2	1 3/6

Order of Lens *4 + 5* Kind of Light *PAR + 7 W*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 - 1 1/8*
 Written by me— *Jas Morgan*
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Ontonagon* Light-houses, in the month of *October*, 1910
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 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					3			Damp fresh wind S
2	5	41	5	58	12	18					3			Rain " " " S W
3	5	39	5	59	12	20					3	1/4		Damp light " var"
4	5	37	6	1	12	23					3	1/4		" " " "
5	5	35	6	2	12	26					3	1/4		" fr gale W
6	5	33	6	3	12	29					3	1/2		" light wind "
7	5	32	6	4	12	31					3	1/2		" " " S x E
8	5	31	6	5	12	33					3	1/2		" fresh " S x W
9	5	30	6	6	12	35					3	1/2		" steady " N x E
10	5	29	6	7	12	37					3	3/4		Smoky damp fr "br" W
11	5	25	6	8	12	42					3	3/4		Damp Smoky " wind N E x E
12	5	24	6	9	12	44					3	3/4	8 1/2	" fresh wind E
13	5	26	6	11	12	47					3	1		Smoky Calm
14	5	28	6	12	12	49					3	1		" light breeze var"
15	5	19	6	13	12	54					3	1		" Steady " W
16	5	17	6	14	12	57					3	1 1/4		" Calm
17	5	16	6	15	12	59					3	1 1/4		" " "
18	5	17	6	14	13	2					3	1 1/4		" light breeze var"
19	5	18	6	18	13	5					3	1 1/2		" Rain fr gale N. E
20	5	10	6	19	13	7					3	1 1/2		" damp light wind var"
21	5	9	6	20	13	11					3	1 1/2		" " " W
22	5	7	6	22	13	15					3	1 1/2		" fresh " "
23	5	6	6	23	13	16					3	1 1/4		" Calm
24	5	5	6	24	13	18					3	1 1/4		damp light breeze var"
25	5	3	6	25	13	21					3	1 1/4		" " " W
26	5	1	6	27	13	24					3	2		Rain " " var"
27	5	0	6	28	13	26					3	2	8 1/2	" + Snow fr wind N E + W
28	4	59	6	29	13	29					3	2		Snow + rain " " N E x W
29	4	58	6	30	13	31					3	2 1/4		Damp light wind var"
30	4	57	6	31	13	34					3	2 1/4		" fresh " W
31	4	55	6	32	13	37					3	2 1/4		" " breeze "

24 1 0 3/4 16 1/6 5 2.0.0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-house	24	1	0 13/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0 0
Total quantity expended this month	29	3	0 13/16

Order of Lens *4 + 5"* Kind of Light *2 R + 7 W*
Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*

Written by me—

W. C. Logan
Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Antigonish* Light-Houses, in the month of *November*, 189*1* ¹⁹¹⁰
 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 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	3				2 1/4			Snow fresh wind N.W. x N	
2	4	53	6	35	13	41	3				2 1/2			" " " " var	
3	4	51	6	36	13	45	3				2 1/2			Damp " " " "	
4	4	50	6	37	13	47	3				2 3/4			Snow " " " " N.W.	
5	4	49	6	39	13	49	3				2 3/4			Damp " " " " " "	
6	4	48	6	40	13	51	3				2 3/4			Snow calm	
7	4	46	6	42	13	54	3				3			" " " " " "	
8	4	45	6	45	13	57	3				3			" light breeze var	
9	4	44	6	44	13	59	3				3			" fresh wind N.W. x N	
10	4	45	6	45	14	1	3				3			" " " " " "	
11	4	42	6	46	14	4	3				3 1/2		8 1/2	Damp " " " " " "	
12	4	41	6	48	14	6	3				3 1/4			" " breeze " " "	
13	4	40	6	49	14	8	3				3 1/4			Snow " wind N.W. x N	
14	4	39	6	50	14	10	3				3 1/4			" " " " " "	
15	4	38	6	51	14	12	3				3 1/2			" light " " " N.E.	
16	4	37	6	52	14	14	3				3 1/2			" " " " " var	
17	4	37	6	53	14	16	3				3 1/2			Damp " " " " " "	
18	4	36	6	55	14	18	3				3 1/2			" Calm	
19	4	35	6	56	14	21	3				3 3/4			" light breeze var	
20	4	35	6	57	14	23	3				3 3/4			Snow Calm	
21	4	34	6	58	14	24	3				3 3/4			Damp light breeze W	
22	4	34	6	59	14	26	3				3 3/4			" " " " " S x E	
23	4	33	7	1	14	28	3				3 3/4			Snow Calm	
24	4	32	7	2	14	30	3				1			Damp light wind var	
25	4	31	7	3	14	32	3				1			" " " " " "	
26	4	31	7	4	14	33	3				1		8 1/2	" " " " " "	
27	4	31	7	5	14	35	3				1			Rain Calm	
28	4	30	7	6	14	36	3				1			Half gale Snow N.W.	
29	4	30	7	7	14	37	3				1			" " " " " "	
30	4	29	7	9	14	39	3				1 1/4			" " " " " "	
31															

25 2 1 1 1/4 16 1/6 5. 2. 1. 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	25	2	17/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month	31	1	0 7/16

Order of Lens *4 + 5* Kind of Light *7 R. & F. W*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 x 1 1/8*

Written by me— *Jas Conran*

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autunagon* Light-Houses in the month of *Dec* 1910, 1899, 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 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	10	14	41	3	1	1/4					Snow light breeze var
2	4	29	7	11	14	42	3	1	1/4					Rain - - -
3	4	29	7	12	14	42	3	1	1/4					Snow - - -
4	4	29	7	13	14	45	3	1	1/4					- calm
5	4	29	7	14	14	46	3	1	1/4					- light wind var
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
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20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														

4 2 0 1/4 5 2 1 0

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-houses	4	2	0 1/6
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month	10	0	1 1/6

Order of Lens *4 + 5* Kind of Light *P R i M*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1/8*

Written by me—
Autunagon
Keiper

Autunagon Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autwagan* Light-houses, in the month of *April 1911*, 189 ,
 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 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	6	44	5	15	10	33	2	1	2			24 1/4		Damp Calm	
18	6	45	5	14	10	31	2	1	2					" light brass bar	
19	6	46	5	12	10	28	2	1	2					" " " S.E.	
20	6	47	5	11	10	26	2	1	1 3/4					" " " bar	
21	6	48	5	9	10	23	2	1	1 3/4					" " " S.E.	
22	6	49	5	8	10	21	2	1	1 3/4					" " " " "	
23	6	50	5	6	10	18	2	1	1 1/2					" Calm	
24	6	57	5	4	10	16	2	1	1 1/2					" " "	
25	6	52	5	3	10	15	2	1	1 1/2					" light br" var	
26	6	53	5	2	10	11	2	1	1 1/4					Dry " " "	
27	6	54	5	1	10	8	2	1	1 1/4					" calm	
28	6	55	4	59	10	4	2	1	1 1/4					" light br S	
29	6	57	4	57	10	1	2	1	1					Rain fog Calm	
30	6	58	4	56	9	59	2	1	1					" light brass S.E.	
31															

9 1 1 1 1/2 24 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-.....	9	1	1 3/8
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	1
Total quantity expended this month.....	14	0	0 3/8

{ Order of Lens *4 + 5"* Kind of Light *C.R.P. H*
 { Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1 in*
 Written by me—
J. Morgan
 Keeper

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

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-house, in the month of *May 1911*, 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 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	2	1	3/4			8 1/2		Snow fresh breeze N.W
2	6	0	4	54	9	53	2	1	3/4					Damp Calm
3	6	1	4	53	9	51	2	1	3/4					" "
4	6	2	4	51	9	49	2	1	3/4					" fresh breeze N.E
5	6	3	4	50	9	47	2	1	1/2					" light " S.W
6	6	5	4	48	9	44	2	1	1/2					Dry fresh " var"
7	6	6	4	47	9	42	2	1	1/2					Smoky Dry fr br" N
8	7	7	4	46	9	40	2	1	1/2					Dry fresh wind N.E
9	7	8	4	45	9	38	2	1	1/2					" light " var"
10	7	9	4	43	9	35	2	1	1/4					Rain " " S.W
11	7	10	4	42	9	33	2	1	1/4					" 1/2 gale N
12	7	11	4	41	9	31	2	1						Snow light wind var"
13	7	12	4	40	9	29	2	1						Damp " " N.E
14	7	13	4	40	9	27	2	1						Rain fresh - S.W
15	7	14	4	39	9	29	2	3/4				8 1/2		" " " var
16	7	15	4	38	9	31	2	3/4						" Calm
17	7	16	4	37	9	21	2	3/4						" fresh wind S.E
18	7	17	4	36	9	19	2	3/4						" 1/2 gale S
19	7	18	4	35	9	21	2	3/4						" Calm
20	7	19	4	34	9	23	2	3/4						Damp "
21	7	20	4	33	9	25	2	3/4						Rain "
22	7	21	4	32	9	27	2	3/4						" Fog fresh breeze N.E & S.W
23	7	22	4	34	9	29	2	3/4						" " Steady " N.W
24	7	23	4	30	9	8	2	3/4						Damp Fog light breeze var"
25	7	24	4	29	9	6	2	3/4						Dry fresh breeze "
26	7	25	4	28	9	4	2	3/4						" " " "
27	7	25	4	29	9	3	2	3/4						Rain Steady " "
28	7	26	4	28	9	1	2	3/4						Damp " " N
29	7	27	4	28	9	0	2	3/4				8 1/2		Rain light " var"
30	7	28	4	27	8	59	2	3						" " " "
31	7	29	4	26	8	57	2	3						" " " "

19 0 1 3/4 24 1/4

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	19	0	1 13/16
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	2	0
Total quantity expended this month	24	2	1 13/16

Order of Lens *4 + 5* Kind of Light *FR + FW*
 Number of Wicks in burner *One* Diameter of outer burner *1 1/2 + 1 1/8*

Written by me—

Jacobson
Deeper

Jacobson, Light-Keeper.
 Ass't Keeper.

ACCOUNT of Oil, Wicks, and Chimneys expended daily at *Autonagon* Light-houses, in the month of *June*, 1891,
and showing the time of lighting and extinguishing, and the length of time lighted each night.

DAY.	Time of lighting.		Time of extinguishing the light.		Length of time lighted.		Daily quantity of oil consumed in Light-house or Light-vessel lamps.				Number of chimneys broken each night.	Inches of new wick expended.	Quantity of oil 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	30	4	26	8	55	2		3					Rain light breeze var
2	7	30	4	26	8	55	2		3					" " " "
3	7	31	4	25	8	54	2		3					" " " "
4	7	32	4	24	8	52	2		3					" Fog calm
5	7	33	4	24	8	53	2		3					Damp " light br" var
6	7	34	4	25	8	54	2		3					" " " "
7	7	34	4	24	8	50	2		3					" " " " NE
8	7	34	4	24	8	49	2		3					" Rain " " var
9	7	35	4	24	8	48	2		3					Rain + fog " " "
10	7	35	4	24	8	47	2		3					" Fresh breeze "
11	7	35	4	24	8	48	2		3					" " " W
12	7	36	4	23	8	45	2		3					Damp " " "
13	7	36	4	23	8	45	2		3					Dry light " var
14	7	37	4	22	8	44	2		3					" " " W
15	7	37	4	22	8	44	2		3					" calm
16	7	38	4	22	8	44	2		3					" light breeze var
17	7	39	4	22	8	43	2		3					" calm
18	7	39	4	23	8	43	2		3					" " " "
19	7	39	4	23	8	43	2		3					" light breeze var
20	7	39	4	23	8	43	2		3					" " " "
21	7	40	4	23	8	42	2		3					" " " "
22	7	40	4	23	8	42	2		3					" " " "
23	7	40	4	24	8	43	2		2 3/4					" " " "
24	7	40	4	24	8	43	2		2 3/4					" " " W
25	7	40	4	25	8	43	2		2 3/4					Rain " " var
26	7	40	4	25	8	43	2		2 3/4					" " " "
27	7	40	4	25	8	43	2		2 3/4					Dry " " "
28	7	40	4	26	8	43	2		2 3/4					" " " "
29	7	40	4	26	8	43	2		2 3/4					" " " "
30	7	40	4	26	8	43	2		2 3/4					" " " "
31														

	GALLONS.	QUARTS.	PINTS.
Total quantity consumed in the lamp of the Light-Houses	19	2	0
Total quantity consumed this month for use in the dwelling-house or quarters, and other hand lamps	5	1	0
Total quantity expended this month	24	3	0

Order of Lens *4 + 5 #* Kind of Light *GR + FW*
 Number of Wicks in burner *one* Diameter of outer burner *1 1/2 + 1/8*
 Written by me— *Jas Morgan*
Keeper

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

