A statement of the annual consumption of oil at each light-house in the district of Portsmouth during the years 1838, 1839, 1840, *and* 1841.

Years.	Newcastle light-house.		Whale's Back light-house.*		White Island light-house.	
	Summer.	Winter.	Summer.	Winter.	Summer.	Winter.
1838 -	227	141	273	171	269	190
1839 -	255	131	235	188	261	183
1840 -	256	128	-	-	237	142
1841 -	312	114	-	-	355	188

* This light was transferred to the collector of Portland at the commencement of second quarter, 1840.

JOHN N. SHERBURNE, *Collector.*

CUSTOM-HOUSE, COLLECTOR'S OFFICE,
District of Portsmouth, September 1, 1842.

A statement showing the amount of repairs on each light-house in the district of Portsmouth during the years 1838, 1839, 1840, *and* 1841.

Years.	Newcastle light-house.						Whale's Back light house.*						White Island light-house.					
	Tower.	Lantern and apparatus.	Dwelling-house.	Boats and slips.	Causeways and bridges.	Contingencies.†	Tower.	Lantern and apparatus.	Dwelling-house.	Boats and slips.	Causeways and bridges.	Contingencies.†	Tower.	Lantern and apparatus.‡	Dwelling-house.	Boats and slips.	Causeways and bridges. §	Contingencies.†
1838 -	$0 45	$1219 82	$2 75	-	-	$22 65	$86 25	$10 22	$3 57	$30 99	-	$53 38	167 43	$38 87	-	474 32	-	$41 83
1839 -	-	31 93	-	-	-	55 25	561 79	4 12	4 39	28 89	-	46 19	26 87	11 14	$10 16	44 57	$442 37	46 31
1840 -	1 00	12 55	83 45	-	-	18 19	11 77	17 62	13 64	73 34	-	78 37	23 58	95 61	10 63	330 26	581 80	42 67
1841 -	82 75	-	262 88	-	-	25 23	-	-	-	-	-	-	45 40	4,085 03	34 70	13 77	1,766 89	46 15

* This light-house was transferred to the superintendence of the collector at Portland on the commencement of the second quarter of 1840.

† Under the head of "Contingencies" is placed the amount expended for wood and coal, furnished for heating the lanterns in cold weather, and also the amount expended for oil, furnished on consumption of the oil left by contractors. The amount so expended for oil is as follows, viz: Newcastle light-house, 1839, $35 30; Whale's Back, 1839, $12 75; do., in 1840, $66 84. The remainder is for the wood and coal, and conveyance thereof to the several light-houses.

‡ Including cost of "Gaine's revolving apparatus," prepared expressly for this light-house, but not put up. Sent to Mr. Pleasanton in 1841.

§ A new walk was built at this light-house in 1841, but it was not entirely finished until the present year; since which $230, or thereabouts, have been expended; making the whole cost of the new walk about $2,000.

JOHN N. SHERBURNE, *Collector.*

CUSTOM-HOUSE, COLLECTOR'S OFFICE,
District of Portsmouth, N. H., September 1, 1842.

No. 32.

NEWCASTLE POINT.

Third class harbor beacon.

Fixed light of thirteen lamps; established in 1804.

Condition of buildings.

Tower. A frame building of white pine timber, boarded and shingled outside; octagonal on the plan; height eighty feet; diameter, at angles of base, thirty-seven feet, and twelve feet at the top; underpinning of rubble stone; the whole structure in excellent condition and good order. Tower.

Keeper's dwelling is in the village.

Lantern octagonal; wrought iron frame, and dome coppered; height of side six feet eight inches; diameter, at angles, seven feet nine inches; sash bars one inch wide; angles three inches; glazed with eleven by twelve impure glass; thirteen lamps, 4-inch burners, with 14-inch reflectors, attached to two circular iron frames twenty-nine inches in diameter, seven in the lower and eight in the upper series; reflectors stand from two to three inches apart, and twelve out of perpendicular from one-quarter to seven-eighth of an inch; position of burners, as to apex of reflectors, varies from two and a quarter to three inches. Lantern.

Ventilation. For ingress of air, floor scuttle; for egress, seven and a half square inches. Ventilation.

Centre of light is eighty-two feet above the level of mean high water, and it should be seen in clear weather thirteen and a quarter miles. Height of light.

Location. Newcastle light, before the establishment of Whale's Back light, was the principal mark for the harbor of Portsmouth. Its original purpose being thus superseded, it sinks to the grade of a simple harbor beacon, and requires but one lamp, instead of thirteen now used. Location.

The height of the tower might be advantageously reduced to thirty feet.

No. 33.

WHITE ISLAND.

First class coast light.

Revolving light, 15 lamps; established in 1820.

Condition of buildings.

Tower of rubble masonry, 40 feet high, laid up in lime mortar, and cased over with wood, and shingled outside; base ... upon the natural surface of the rock. This building has ...dy been completely repaired, and was in good order throughout. A new causeway, leading from the house to the Tower.