

Peak Forest Canal

Fragmentary records of minerals carried per boat between 1800 and 1807

Nominally, a boat carried about 25 tons but the range varied between 20 and 27 tons, with some half loads as well.

1800 Limestone	
Date	Amount tons
22 Apr 1800	25
22 Apr 1800	25
23 Apr 1800	24.5
23 Apr 1800	24.5
24 Apr 1800	24
30 Apr 1800	24
08 May 1800	23
09 May 1800	23
13 May 1800	24
13 May 1800	25
14 May 1800	23
14 May 1800	24
15 May 1800	23
16 May 1800	25
17 May 1800	24
26 May 1800	22
Total	383

Road Stone summary, 1800
Total weight of road stone: 24.5 tons
 Cost of stone: 26.5d + 7d = 33.5d per ton
Total cost of road stone: £3 8s 4.75d

See Sheet A below

Limestone summary, 1800
 Minimum load per boat: 22 tons
 Maximum load per boat: 25 tons
 Average load per boat: 23.94 tons
Total weight of limestone: 383 tons
 Cost of limestone: 11d + 12d = 23d per ton
Total cost of limestone: £36 14s 1d

Coal summary, 1805
 Minimum load per boat: 20.5 tons
 Maximum load per boat: 27 tons
 Average load per boat: 24.64 tons
Total weight of coal: 1,158 tons
 Cost of coal: 3d per ton
Total cost of coal: £14 9s 6d

See Sheet B below

1805 Coal	
Date	Amount tons
23 Jan 1805	25
25 Jan 1805	25.5
26 Feb 1805	25
02 Mar 1805	24
04 Mar 1805	20.5
06 Mar 1805	24.5
07 Mar 1805	26.5
09 Mar 1805	24
20 Mar 1805	24
21 Mar 1805	24.5
22 Mar 1805	25
23 Mar 1805	22.5
25 Mar 1805	24
26 Mar 1805	23
29 Mar 1805	25
30 Mar 1805	24
01 Apr 1805	26
02 Apr 1805	25
03 Apr 1805	25
05 Apr 1805	25
09 Apr 1805	25
10 Apr 1805	21
10 Apr 1805	24.5
11 Apr 1805	25
13 Apr 1805	24
16 Apr 1805	25
17 Apr 1805	25.5
19 Apr 1805	22.5
21 Apr 1805	25
22 Apr 1805	24.5
23 Apr 1805	25.5
24 Apr 1805	27
26 Apr 1805	25.5
27 Apr 1805	26.5
29 Apr 1805	23.5
30 Apr 1805	25.5
01 May 1805	26
02 May 1805	24
03 May 1805	24
07 May 1805	25
08 May 1805	25.5
09 May 1805	26
10 May 1805	22
13 May 1805	27
15 May 1805	25
16 May 1805	24
17 May 1805	26
Total	1158

1805 Road Stone	
Date	Amount
	tons
20 Mar 1805	22.5
23 Mar 1805	22.5
27 Mar 1805	24.5
Total	69.5

1804/07 Limestone	
Date	Amount
	tons
23 Mar 1804	22.5
23 Mar 1804	22.5
30 mar 1805	24
26 Apr 1804	24
11 Jul 1805	24
13 Jul 1805	24
13 Jul 1805	24
17 Apr 1807	22.5
23 Jun 1807	20
23 Jun 1807	22.5
23 Jun 1807	23
23 Jun 1807	23
23 Jun 1807	23
23 Jun 1807	24
Total	323

Road Stone summary, 1805
Total weight of road stone: 69.5 tons
 Cost of stone: 26.5d + 7d = 33.5d per ton
Total cost of road stone: £9 14s 0.25d

See Sheet C below

Limestone summary, 1804/07
 Minimum load per boat: 22 tons
 Maximum load per boat: 24 tons
 Average load per boat: 23.07 tons
Total weight of limestone: 323 tons
 Cost of limestone: 28.5d + 10.5d = 39d per ton
Total cost of limestone: £52 9s 9d

SHEET A: FRAGMENTARY RECORDS

Stone Boated from Bugsworth Canal Basin to Marple Lime Works

(22 April 1800 to 26 May 1800)

Each record represents one boat journey between Bugsworth Canal Basin and Marple Lime Works, a distance of 7 miles.

Species: Limestone	
Date	Quantity
	tons
22 Apr	25
22 Apr	25
23 Apr	24½
23 Apr	24½
24 Apr	24
30 Apr	24
08 May	23
09 May	23
13 May	24
13 May	25
14 May	23
14 May	24
15 May	23
16 May	25
17 May	24
26 May	22
Total	383

Species: Road Stone*	
Date	Quantity
	tons
10 May	11
10 May	13½
Total	24½

*Cut and dressed gritstone.

The limestone cost was based on 11d per ton for the stone and 12d per ton for carrying it. On this basis the inclusive cost of 383 tons of limestone was £36 14s 1d.

Similarly, the road stone cost was based on 26.5d. per ton for cutting and dressing and 7d per ton for carrying it. On this basis the inclusive cost of 24½ tons of road stone was £3 8s 4¾d.

SHEET B: FRAGMENTARY RECORDS

Coals Boated from Hagbank Colliery, Disley, to Marple Lime Works

(23 January 1805 to 17 May 1805)

Each record represents one boat journey between Hagbank Colliery, Disley, and Marple Lime Works, a distance of 3 miles. The cost of transporting 1,158 tons of coal, at 3d per ton, was £14 9s 6d. The cost of the coal itself must have been charged separately but no details of this are known.

Date	Quantity
	tons
23 Jan	25
25 Jan	25½
26 Feb	25
02 Mar	24
04 Mar	20½
06 Mar	24½
07 Mar	26½
09 Mar	24
20 Mar	24
21 Mar	24½
22 Mar	25
23 Mar	22½
25 Mar	24
26 Mar	23
29 Mar	25
30 Mar	24
01 Apr	26
02 Apr	25

Date	Quantity
	tons
03 Apr	25
05 Apr	25
09 Apr	25
10 Apr	21
10 Apr	24½
11 Apr	25
13 Apr	24
16 Apr	25
17 Apr	25½
19 Apr	22½
21 Apr	25
22 Apr	24½
23 Apr	25½
24 Apr	27
26 Apr	25½
27 Apr	26½
29 Apr	23½
30 Apr	25½

Date	Quantity
	tons
01 May	26
02 May	24
03 May	24
07 May	25
08 May	25½
09 May	26
10 May	22
13 May	27
15 May	25
16 May	24
17 May	26
Total	1,158

SHEET C: FRAGMENTARY RECORDS

Stone Boated from Bugsworth Canal Basin to Marple Lime Works

(23 March 1804 to 23 June 1807)

Each record represents one boat journey between Bugsworth Canal Basin and Marple Lime Works, a distance of 7 miles.

Species: Limestone	
Date	Quantity
	tons
23 Mar 1804	22½
23 Mar 1804	22½
26 Apr 1804	24
30 Mar 1805	24
11 Jul 1805	24
13 Jul 1805	24
13 Jul 1805	24
17 Apr 1807	22½
23 Jun 1807	20
23 Jun 1807	22½
23 Jun 1807	23
23 Jun 1807	23
23 Jun 1807	23
23 Jun 1807	24
Total	323

Species: Road Stone*	
Date	Quantity
	tons
20 Mar 1805	22½
23 Mar 1805	22½
27 Mar 1805	24½
Total	69½

*Cut and dressed gritstone.

The limestone cost was based on 1805 prices of 28½d per ton for the stone and 10½d per ton for carrying it. On this basis the inclusive cost of 323 tons of limestone was £52 9s 9d.

Similarly, the road stone cost was based on 26½d per ton for cutting and dressing and 7d per ton for carrying it. On this basis the inclusive cost of 69½ tons of road stone was £9 14s 0¼d.