

The
VIRTUAL MUSEUM
of the
LANCASHIRE & YORKSHIRE RAILWAY

Operational Documents & Pamphlets

Spreadsheet of Comparative
Coal Consumption.

0-8-0's

(2 Pages).



Comparative coal consumption for the period June 22nd to Dec 6th 1917

Small boiler (1900/01)				Compound (1907)			
loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
69	5380	179t 5cwt	30	1471	6537	278t 19cwt	23.4
154	8342	434t 4cwt	19.2	1472	9783	354t 8cwt	27.6
159	7240	295t 17cwt	24.5	1473	4260	122t 10cwt	34.7
190	1686	57t 16cwt	29.2	1474	12231	464t 15cwt	26.3
201	8976	357t 5cwt	25.1	1475	3748	150t 19cwt	24.8
325	7017	287t 5cwt	24.4	1476	10424	392t 1cwt	26.6
381	5036	219t 15cwt	23	1477	5301	266t 10cwt	19.9
383	5947	302t 14cwt	19.6	1478	5474	240t 12cwt	22.7
384	5860	233t 2cwt	25.1	1479	4813	194t 14cwt	24.7
390	7815	414t 16cwt	18.8	1480	6903	322t 10 cwt	21.4
	6330	Average	23.9		6947	Average	25.2

Comparative coal consumption for the period June 20th to Dec 4th 1919

loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
69	7022	273t 8cwt	25.7	1471	6159	259t 19cwt	23.7
154	3861	153t 14cwt	25.1	1472	1228	45t 5cwt	27.1
159	8577	330t 19cwt	25.9	1473	6669	233t 8cwt	28.5
190	1245	51t	24.4	1474	532	14t	38
201	6036	253t 15cwt	23.8	1475	4256	142t 16cwt	29.8
325	5180	165t 6cwt	31.3	1476	4260	148t 17cwt	28.6
381	6667	243t 18cwt	27.3	1477	5160	245t 7cwt	21
383	2913	138t 14cwt	21	1478	5132	212t 15cwt	24.1
384	3400	184t 18cwt	18.3	1479	1747	64t 10cwt	27.1
390	3650	197t 17cwt	18.4	1480	4777	196t 3cwt	24.3
	4855	Average	24.1		4376	Average	26

Not included in calculations

Large boiler new (1910) and rebuilt				Superheated (1913)			
loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
9	11296	437t 10cwt	25.8	1551	9716	354t 17cwt	27.4
29	7246	302t 5cwt	24	1553	3082	126t 15cwt	24.3
35	11111	461t 10cwt	24.1	1554	9584	395t 15cwt	24.2
67	3203	141t 10cwt	22.6	1556	1005	44t	22.8
87	9910	410t 5cwt	24.1	1557	9274	320t 10cwt	28.9
96	3922	136t	28.8	1558	3182	125t 6cwt	25.4
1484	5617	219t 15cwt	25.6	1559	10758	431t	25
1485	6587	257t 15cwt	25.5	1560	11349	397t 13cwt	28.5
1486	10280	380t 5cwt	27	1561	1632	58t 5cwt	28
1487	1875	71t 15cwt	26.1	1562	6630	277t 14cwt	23.9
	7105	Average	25.3		6621	Average	25.8

loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
9	9567	321t 15cwt	29.7	1551	6116	206t 6cwt	29.6
29	1268	47t	27	1553	4217	173t 16cwt	24.2
35	4328	161t 15cwt	26.7	1554	6916	223t 7cwt	31
67	5358	231t 10cwt	23.1	1556	2742	105t 19cwt	25.9
87	7778	323t 15cwt	24	1557	2725	103t 1cwt	26.4
96	5976	190t 17cwt	31.3	1558	1984	69t 15cwt	28.4
1484	927	37t 5cwt	24.9	1559	465	17t 5cwt	26.9
1485	1663	71t 18cwt	23.1	1560	7791	299t 14cwt	26
1486	4298	158t	27.2	1561	2777	127t 5cwt	21.8
1487	1124	49t 10cwt	22.7	1562	8690	322t 11cwt	26.9
	4229	Average	26		4442	Average	26.7

rebuilt

Robinson superheaters