

The
VIRTUAL MUSEUM
of the
LANCASHIRE & YORKSHIRE RAILWAY

Operational Documents & Pamphlets

Spreadsheet of Comparative
Coal Consumption.

Atlantics, Dreadnoughts and Flyers.

4-4-2's, 4-6-0's & 4-4-0's.

(2 Pages).



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

Atlantics 1902				Dreadnoughts 1908			
loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
1405	14205	274t 10cwt	51.7	1506	9320	290t 15cwt	32
1406	20141	363t 5cwt	55.4	1507	1069	35t 15cwt	29.9
1407	16452	310t 17cwt	52.9	1508	14050	408t 15cwt	34.4
1408	20864	397t	52.5	1509	3331	130t 5cwt	25.5
1409	31	not rec.	0	1510	9025	202t 16cwt	44.5
1410	567	14t 10cwt	39.1	1511	14113	358t 14cwt	39.3
1411	4411	98t	45	1512	15429	365t 6cwt	42.2
1412	17196	388t 16cwt	44.2	1513	257	not rec.	0
1413	3395	79t 9cwt	42.7	1514	5858	166t 6cwt	35.2
1414	16333	281t 6cwt	58	1515	8572	221t 15cwt	38.6
1415	14312	320t 9cwt	44.7	1516	7779	194t 7cwt	40
1416	12751	269t 10cwt	47.3	1517	6444	256 15cwt	25.1
1417	12238	264t 10cwt	46.2	1518	11520	319t 5 cwt	36.1
1418	10943	211t 2cwt	51.8	1519	4375	109t	40.1
1419	51	1t 15cwt	29.1	1520	8820	237t 17cwt	37.1
1420	13151	293t 2cwt	44.8	1521	15291	410t 1cwt	37.2
1421	16014	360t 15cwt	44.4	1522	6327	160t 10cwt	39.4
1422	10936	233t 10cwt	46.8	1523	15296	359t 10cwt	42.5
1423	10915	263t 5cwt	41.4	1524	13193	361t	36.5
1424	34	not rec.	0	1525	10909	265t 12cwt	41.1
	13391	Average	48.1		9511	Average	36.6

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

loco	mileage	coal used	miles/ton	loco	mileage	coal used	miles/ton
1405	349	7t 4cwt	48.4	1506	6899	221t 15cwt	31.1
1406	9132	221t 10cwt	41.2	1507	10554	348t 18cwt	30.2
1407	9913	243t 15cwt	40.6	1508	11199	392t 4cwt	28.5
1408	15257	322t 14cwt	47.3	1509	3647	143t 5cwt	25.4
1409	9922	204t 10cwt	48.5	1510	0	0	0
1410	2564	80t 4cwt	32	1511	0	0	0
1411	1959	52t 15cwt	37.1	1512	6464	168t 17cwt	38.2
1412	3310	85t 5cwt	38.8	1513	6099	166t 18cwt	36.5
1413	7167	160t 12cwt	44.6	1514	0	0	0
1414	7895	195t 8cwt	40.4	1515	7289	232t 1cwt	31.4
1415	14193	376t 2cwt	37.7	1516	15262	409t 2cwt	37.3
1416	18616	396t 19cwt	46.9	1517	12053	364t 19cwt	33
1417	8940	208t	43	1518	8007	276t 17cwt	28.9
1418	13475	300t 9cwt	44.8	1519	11493	343t 15cwt	33.5
1419	17843	516t 8cwt	34.5	1520	13606	423t 7cwt	32.1
1420	14770	353t 5cwt	41.8	1521	10399	341t 17cwt	30.4
1421	9817	270t 16cwt	36.2	1522	0	0	0
1422	4883	109t 4cwt	44.7	1523	0	0	0
1423	9449	239t	39.5	1524	7352	214t	34.3
1424	22932	520t 16cwt	44	1525	3393	82t 8cwt	41.1
	10633	Average	41.2		8914	Average	32.8

brand new boilers fitted

Flyers 1894

loco	mileage	coal used	miles/ton
1220	8204	165t 15cwt	49.5
1221	17009	321t 10cwt	52.9
1222	3017	60t 10cwt	49.8
1223	13232	270t 5cwt	48.9
1224	16823	348t 15cwt	48.2
1225	9845	174t 5cwt	56.5
1226	10555	213t 15cwt	49.3
1227	471	10t 15cwt	43.8
1228	8528	172t 10cwt	49.4
1229	11882	270t 10cwt	43.9
318	1971	39t 10cwt	49.8
338	2458	56t 5cwt	43.7
339	130	not rec.	0
344	0	not rec.	0
368	11558	212t	54.5
	9590	Average	49.7

Belpaire fireboxes

Extrapolated data
 Not included in calculations

loco	mileage	coal used	miles/ton
1220	12622	253t 15cwt	49.7
1221	10685	272t 7cwt	39.2
1222	11715	249t 10cwt	46.9
1223	12851	259t 1cwt	49.6
1224	13073	270t 3cwt	48.3
1225	7667	165t	46.4
1226	48	not rec.	
1227	1431	49t 8cwt	28.9
1228	8992	207t 16cwt	43.2
1229	6079	123t 5cwt	49.3
318	12583	272t 6cwt	46.2
338	13293	304t 19cwt	43.6
339	12923	302t 12cwt	42.7
344	6926	149t 16cwt	46.2
368	6819	171t 1cwt	39.8
	10479	Average	42.2