



Canal &  
River Trust  
Making life better by water

# 2021 Annual Lockage Report

Produced: January 2022



# Annual Lockage Report 2021

The monitoring of lock operations across the Canal & River Trust network remains an essential element in our water resources management but also to understand the changing patterns in use of the 2,000 miles of waterways in our care. This report marks the 21<sup>st</sup> year of publishing an Annual Lockage Report and covers the period January to December 2021.

Lockage can be defined simply as lock usage through the filling and emptying of a lock chamber, which in turn allows the passage of boats. It is important to distinguish lockage from boat movements, which are the actual number of boats which travel through a lock. We have separated boat movements from lockage to acknowledge that averages can be skewed by the boat:lockage ratio (in the case of a typical broad lock, the ratio can be between one and four boats per lockful of water used). For this report, we have based the lockage analysis of each Region on those sites with complete records for both 2020 and 2021 (known as the comparison sites). The number of comparison sites included in the 2021 report is 178, an increase of 6 compared with the previous report (172). This has mainly been due to lock counters which had previously failed being repaired. In the Appendix we have included, for information only, these sites where the data was of insufficient quality for 2020 and/or 2021, and therefore could not be used for year-to-year comparison.

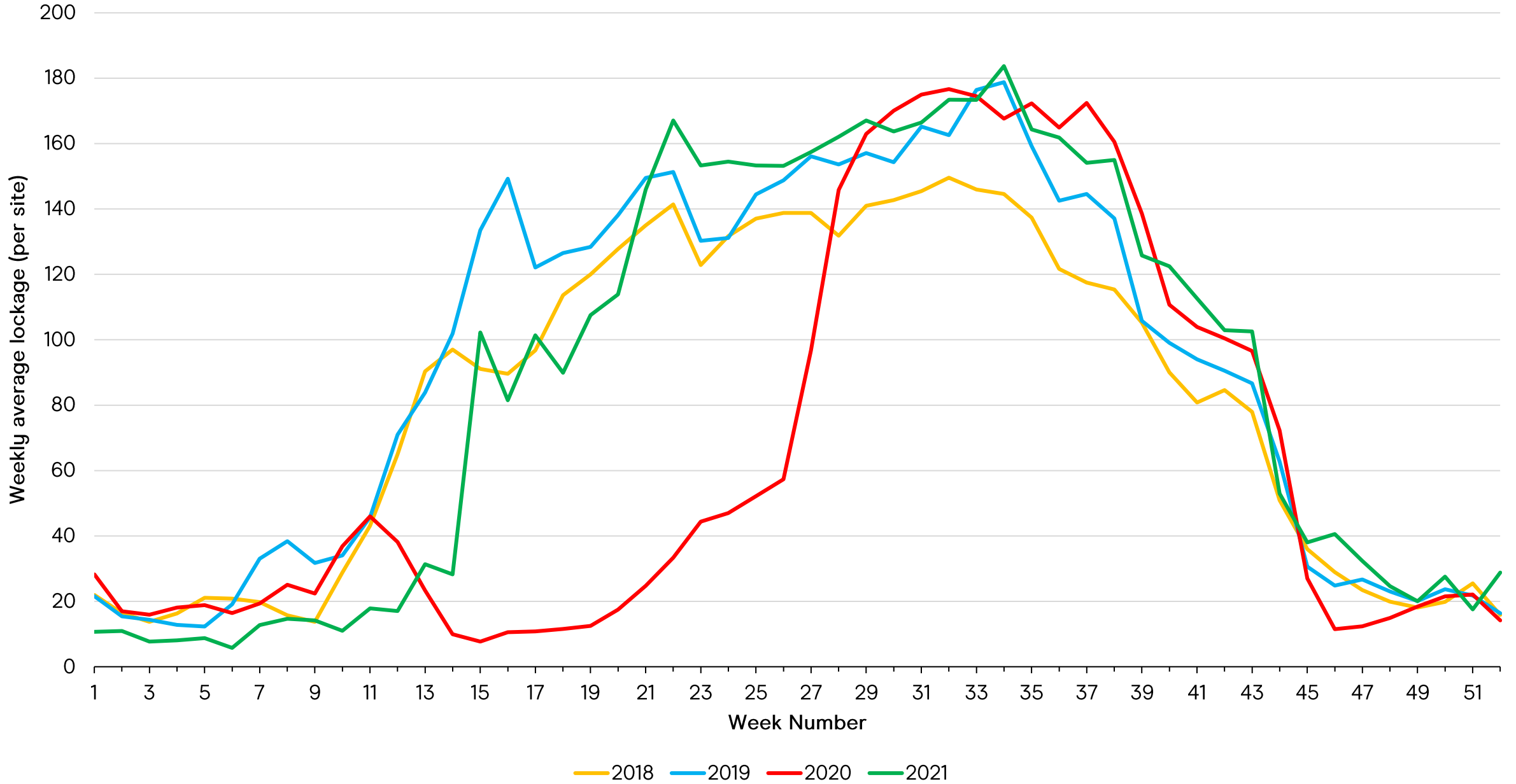
The reasons for year-to-year variations across the different Regions and individual locks are numerous and complex. The Covid-19 pandemic resulted in a very significant reduction in lockage across much of our network in 2020. After most of the Covid-19 restrictions were lifted in the Spring of 2021, there has been an increase in lockage across most of the sites, with many sites recording counts close to the pre-pandemic counts of 2019. In addition to this, 2021 recorded the driest April since 1980 and fourth driest since 1910, resulting in water resource driven restrictions early in the boating season, leading to local reductions in lockage. Teams of volunteer lock keepers worked hard to minimise water usage during the dry period by encouraging the sharing of locks by boats where possible. Nationally, the total comparable *recorded* lockage in 2021 was around 39.4% higher than in 2020. The busiest site recorded was Locks 2&3, Hillmorton on the Oxford Canal, which saw a total of 8,147 lockages in 2021 (there are paired locks at this location) an increase of 37% since 2020. Lock 2, New Marton on the Llangollen Canal was the next busiest lock with 7,457 lockages recorded in the year 2021, which was an increase of 77% since the previous year. The scale of these year-to-year increases is unprecedented in the 21 years of preparing this report, due of course to the pandemic.

The report contains the following: a graph showing lockage trends over the past four years (using data from the busiest three locks, in 2020, in each of our six Regions); a summary table ranking the Regions by average annual lock operations for 2021; a map showing the approximate distribution of lockage across the network (interpolated from the nearest lock counter data); maps showing the percentage and actual change in recorded lockage across the network from 2020 to 2021; a table of the 2021 lockage data, ranked from the busiest lock to the least busy, to allow easy identification of where a lock sits nationally in terms of its usage; a map of the locations of the registered Volunteer Lock Keeper teams; and then detailed reports of lockage and boat movements for the comparison sites within each Region for the last three years, separated into the individual canals within the Region. I trust you find this report informative. If you have any queries, please contact us via email at [water.information@canalrivertrust.org.uk](mailto:water.information@canalrivertrust.org.uk).



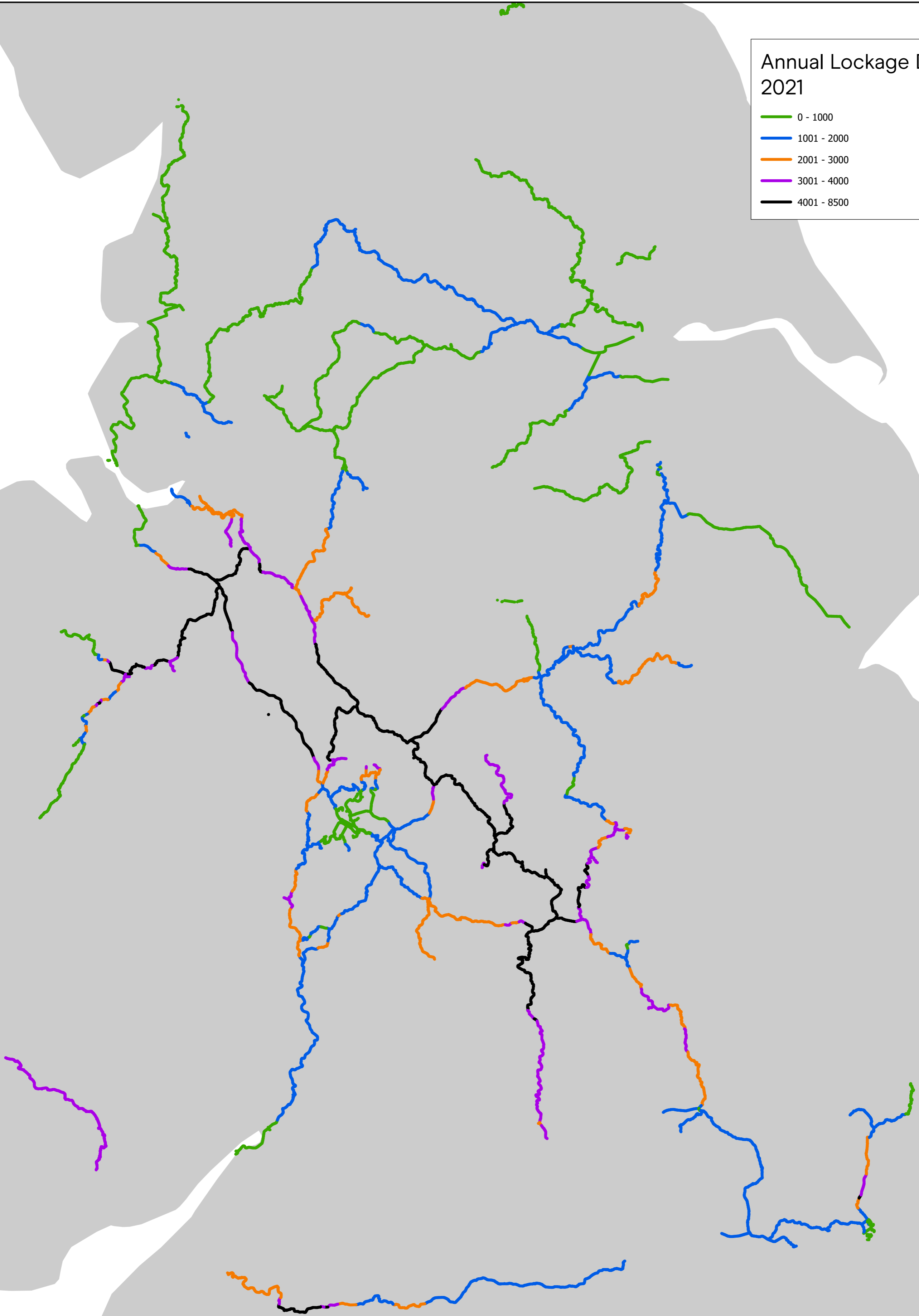
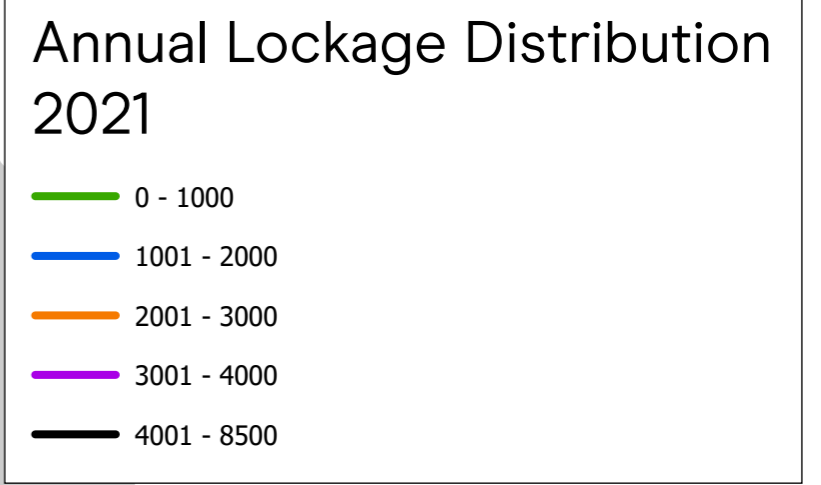
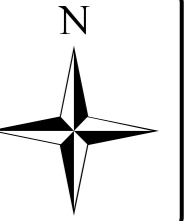
Dr Adam Comerford  
National Hydrology Manager, Water Management team

Lock trends (based on the three busiest sites in each of the Trust's regions in 2020)

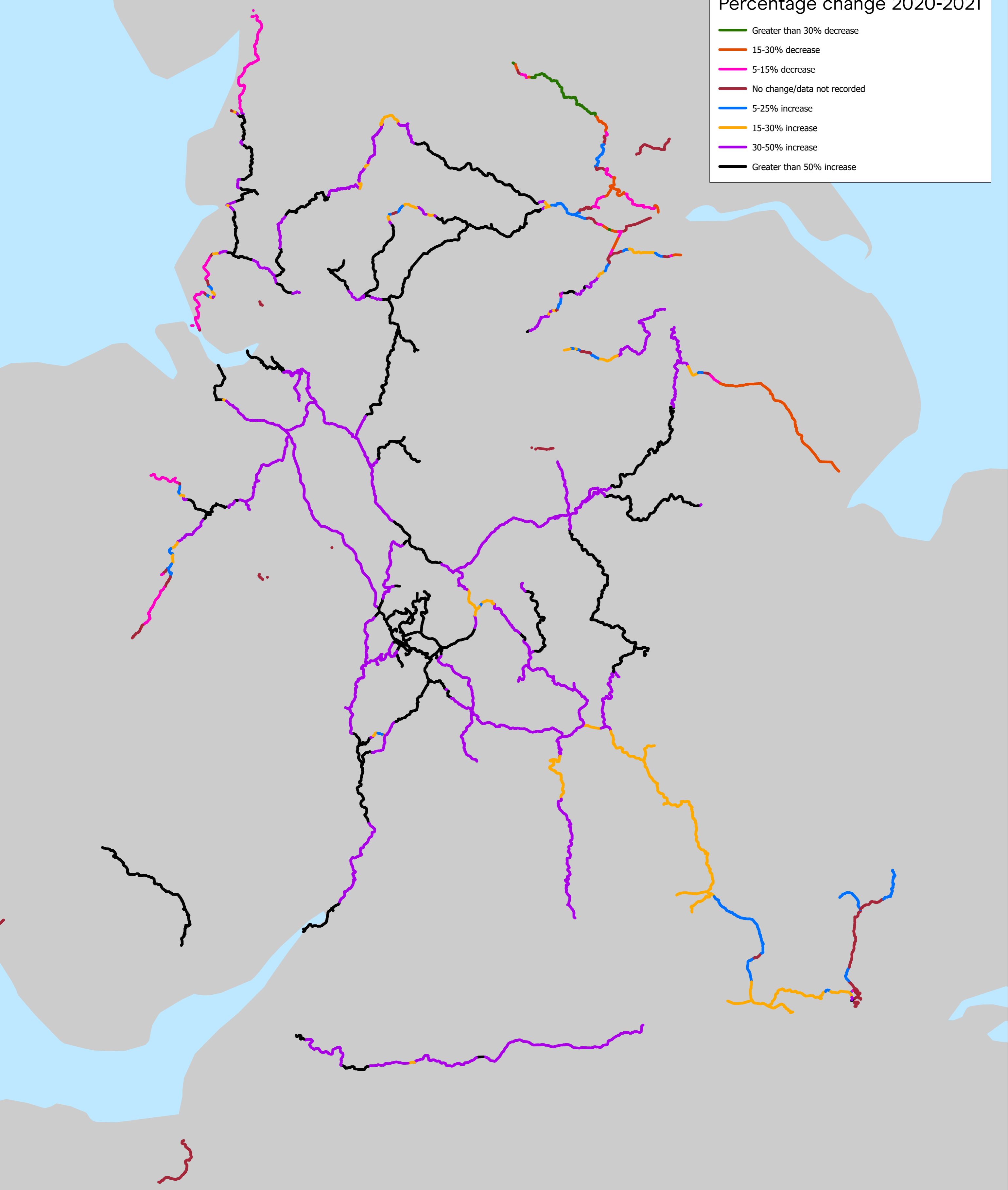
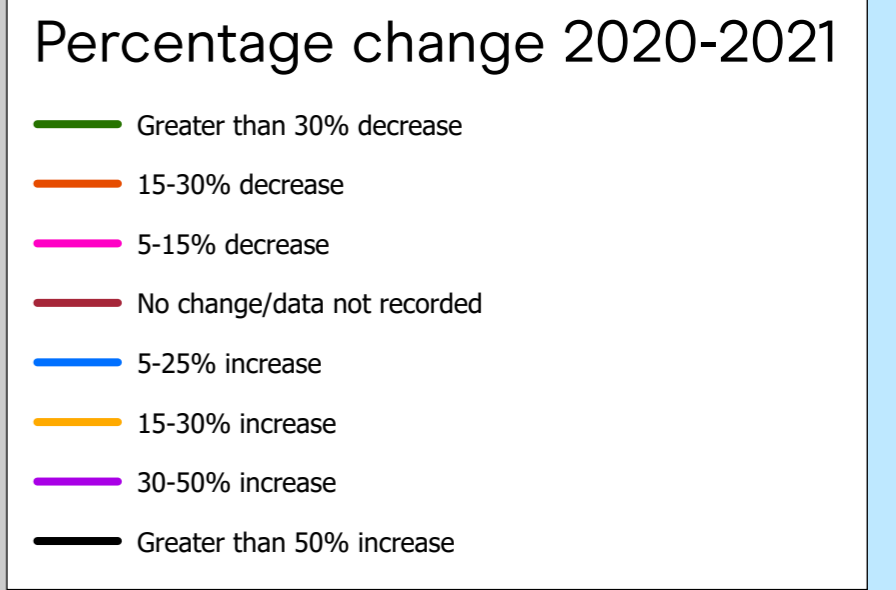
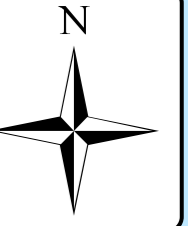


# Ranking of Regions 2021

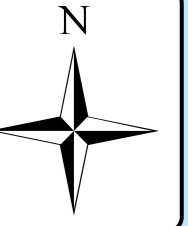
2021 Ranking	Region	Average 2020 Lockage	Average 2021 Lockage	Ranking Position compared with 2020
1	West Midlands	2108	3038	=
2	East Midlands	1692	2409	↑
3	Wales & South West	1559	2279	↑
4	London & South East	1785	2222	↓
5	North West	1136	1596	=
6	Yorkshire & North East	692	876	=



# Percentage Lockage Change 2020-21

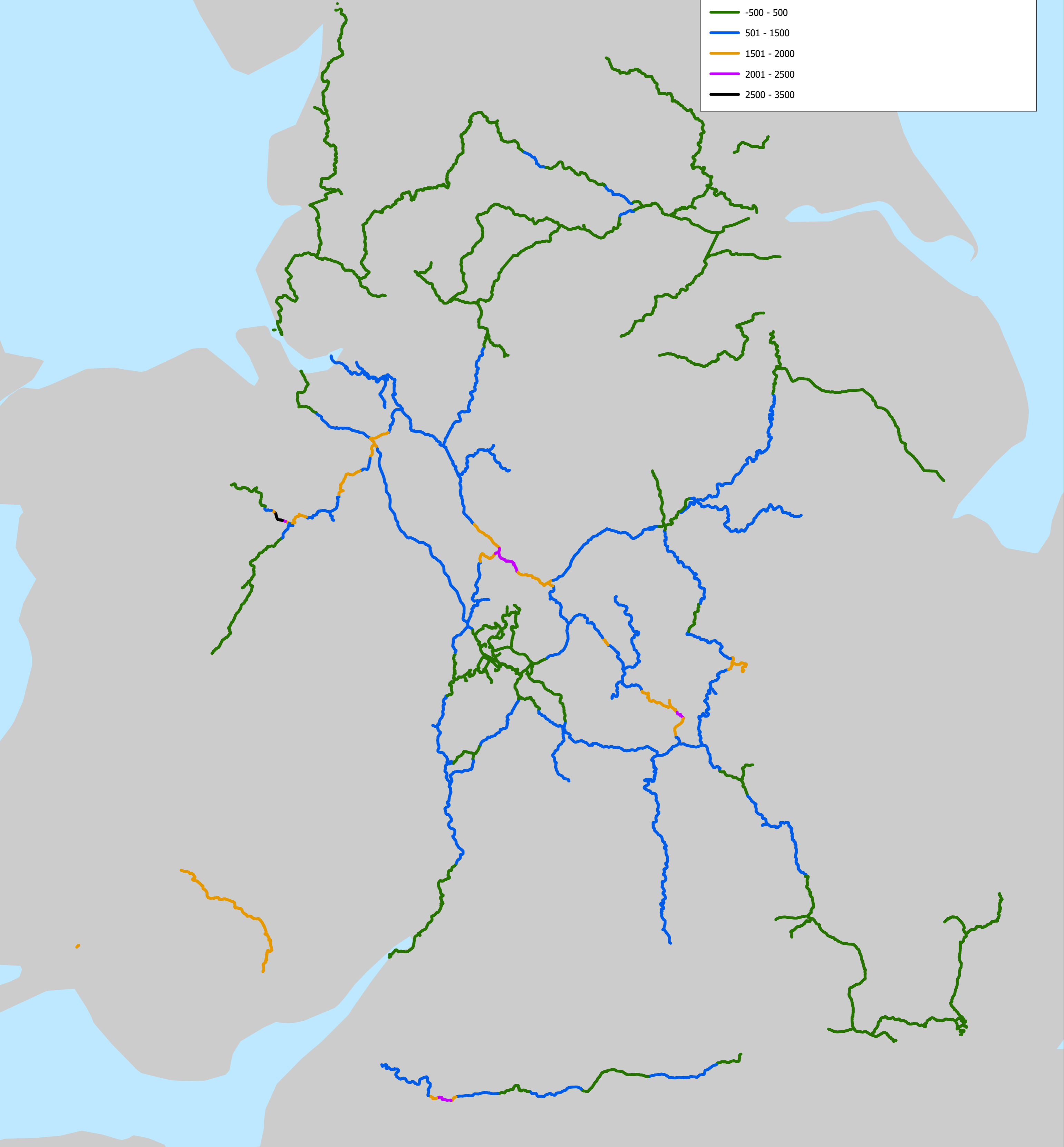


# Actual Lockage Change 2020-21



## Actual Lockage Change 2020-2021

- 500 - 500
- 501 - 1500
- 1501 - 2000
- 2001 - 2500
- 2500 - 3500



# Lockage Ranking 2021

This table shows the lockage report comparison sites in order of most recorded lockages to least recorded lockages in 2021.

2021 Rank	Waterway	Canal	Site	2021 Lockage
1	West Midlands	Oxford Canal	Locks 2&3, Hillmorton	8147
2	West Midlands	Llangollen	Lock 2, New Marton	7457
3	North West	Shropshire Union	Lock 4, Cholmondeston	7103
4	West Midlands	Trent & Mersey	Lock 20, Woodend	6279
5	Wales and South West	Kennet & Avon	Lock 14, Bradford on Avon	5994
6	North West	Shropshire Union	Lock 1, Wardle	5972
7	West Midlands	Staffordshire & Worcestershire	Lock 43, Tixall	5732
8	West Midlands	Trent & Mersey	Lock 21, Colwich	5698
9	West Midlands	Oxford Canal	Lock 8, Napton Bottom	5562
10	West Midlands	Oxford Canal	Lock 15, Marston Doles	5382
11	North West	Llangollen	Lock 1, Hurleston	5265
12	West Midlands	Grand Union	Lock 1, Calcutt	5100
13	North West	Llangollen	Marbury Lock	5033
14	London and South East	Oxford Canal	Lock 21, Claydon Bottom	4973
15	West Midlands	Shropshire Union	Wheaton Aston Lock	4964
16	West Midlands	Trent & Mersey	Lock 11, Wychnor	4881
17	West Midlands	Coventry & Ashby	Lock 1, Atherstone Top	4878
18	West Midlands	Staffordshire & Worcestershire	Lock 33, Brick Kiln	4719
19	East Midlands	Grand Union	Lock 6, Braunston	4651
20	West Midlands	Trent & Mersey	Lock 27, Star	4626
21	West Midlands	Coventry & Ashby	Lock 12, Glascote Top	4613
22	West Midlands	Trent & Mersey	Lock 12, Alrewas	4457
23	London and South East	Lee & Stort Navigation	Lock 16, Stonebridge	4413
24	West Midlands	Trent & Mersey	Lock 37, Cockshutes	4012
25	West Midlands	Trent & Mersey	Lock 35, Trentham	4001
26	North West	Shropshire Union	Lock 3, Audlem	3880
27	East Midlands	Grand Union	Lock 1, Watford	3868
28	East Midlands	Grand Union	Lock 21, Cosgrove	3842
29	London and South East	Oxford Canal	Lock 32, Nell Bridge	3824
30	North West	Trent & Mersey	Lock 75, Big Lock	3812
31	East Midlands	Grand Union	Lock 7, Buckby Top	3748
32	North West	Trent & Mersey	Lock 71, Kings	3745
33	London and South East	Oxford Canal	Lock 40, Bakers	3652
34	Wales and South West	Kennet & Avon	Lock 15, Semington	3443
35	East Midlands	Grand Union	Lock 9, Foxton	3440
36	London and South East	Oxford Canal	Lock 46, Isis	3404
37	London and South East	Oxford Canal	Lock 44, Dukes	3372
38	Wales and South West	Monmouthshire & Brecon	Lock 65, Coombes	3341
39	Wales and South West	Kennet & Avon	Lock 21, Seend	3325



2021 Rank	Waterway	Canal	Site	2021 Lockage
40	London and South East	Oxford Canal	Lock 42, Roundham	3260
41	West Midlands	Staffordshire & Worcestershire	York Street	3258
42	East Midlands	Grand Union	Lock 1, Welford	3189
43	North West	Trent & Mersey	Lock 42, Limekiln	2900
44	West Midlands	Grand Union	Pumping Station 2, Stockton	2695
45	West Midlands	Stratford	Lock 38, Preston Bagot	2693
46	East Midlands	Trent & Mersey	Lock 6, Stenson	2641
47	West Midlands	Grand Union	Lock 23, Radford Bottom	2625
48	East Midlands	Trent & Mersey	Lock 1, Derwent Mouth	2593
49	West Midlands	Caldon	Lock 3, Planet	2311
50	London and South East	Lee Navigation	Lock 17, Tottenham Lock	2305
51	West Midlands	Stratford	Lock 23, Lapworth	2303
52	North West	Macclesfield	Lock 1, Bosley Top	2229
53	London and South East	Grand Union	Lock 37, Stalkies	2204
54	West Midlands	Worcester & Birmingham	Lock 15, Offerton	2200
55	Wales and South West	Kennet & Avon	Lock 13, Bath	2169
56	West Midlands	Stratford	Lock 19, Lapworth	2157
57	West Midlands	Worcester & Birmingham	Lock 23, Stoke Prior	2128
58	East Midlands	Beeston Canal	Lock 6, Castle	2126
59	West Midlands	Stratford	Lock 56, River	2093
60	West Midlands	Caldon	Lock 8, Road Lock	2064
61	West Midlands	Stratford	Lock 40, Wilmcote Top	2060
62	West Midlands	Caldon	Lock 11, Hazelhurst Middle	2042
63	Wales and South West	Kennet & Avon	Lock 51, Wootton Rivers	1978
64	West Midlands	Stratford	Lock 53, Maidenhead Road	1971
65	Wales and South West	Kennet & Avon	Lock 96, Padworth Middle	1963
66	London and South East	Regents	Lock 2, Hawley	1946
67	West Midlands	Worcester & Birmingham	Lock 2, Diglis	1882
68	London and South East	Grand Union	Lock 81, Batchworth	1826
69	London and South East	Lee Navigation	Lock 19, Old Ford Lock	1725
70	London and South East	Oxford Canal	Lock 44A, Dukes Cut	1705
71	Yorkshire and North East	Leeds & Liverpool	Lock 30, Holme Bridge	1702
72	Yorkshire and North East	Aire & Calder Navigation	Lock 5, Woodlesford Lock	1693
73	London and South East	Hertford Union	Lock 1, Victoria Park Top	1691
74	Wales and South West	Kennet & Avon	Lock 49, Maton	1646
75	West Midlands	Worcester & Birmingham	Lock 42, Tardebigge	1644
76	West Midlands	Birmingham & Fazeley	Lock 1, Top Lock Curdworth	1639
77	Yorkshire and North East	Aire & Calder Navigation	Lock 4, Fishpond Lock	1627
78	London and South East	Lee & Stort Navigation	Lock 4, Stanstead	1557

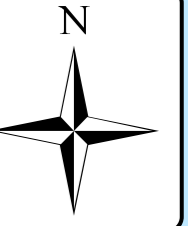
2021 Rank	Waterway	Canal	Site	2021 Lockage
79	North West	Shropshire Union	Lock 7, Tarvin	1556
80	Yorkshire and North East	Aire & Calder Navigation	Lock 7, Lemonroyd Lock	1553
81	Wales and South West	Kennet & Avon	Lock 76, Wire	1552
82	Yorkshire and North East	Aire & Calder Navigation	Lock 3, Kings Road Lock	1552
83	West Midlands	Birmingham & Fazeley	Lock 3, Minworth	1517
84	London and South East	Grand Union	Lock 46, Cowroast	1486
85	West Midlands	Birmingham Canal Navigations	Lock 17, Wolverhampton	1480
86	London and South East	Grand Union	Lock 90, Hanwell flight (Norwood)	1470
87	Yorkshire and North East	Aire & Calder Navigation	Lock 3, Knostrop	1470
88	Wales and South West	Kennet & Avon	Lock 60, Crofton	1448
89	North West	Leeds & Liverpool	Lock 44, Greenberfield Top	1422
90	North West	Leeds & Liverpool	Deep Lock, Inside Track (Appley)	1422
91	Yorkshire and North East	Aire & Calder Navigation	Lock 6, Woodnook Lock	1420
92	Yorkshire and North East	Leeds & Liverpool	Lock 36, Bank Newton	1412
93	Yorkshire and North East	Aire & Calder Navigation	Lock 2, Birkwood Lock	1382
94	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Long Sandall Lock	1359
95	North West	Leeds & Liverpool	Lock 1, Leigh Branch Top	1348
96	Wales and South West	Gloucester & Sharpness	Lock 2, Gloucester	1313
97	Yorkshire and North East	Leeds & Liverpool	Lock 29, Bingley 5 Rise Top	1281
98	Yorkshire and North East	Aire & Calder Navigation	Lock 10, Bulholme	1277
99	Yorkshire and North East	Rochdale	Lock 5, Edward Kilner	1276
100	West Midlands	Montgomery	Lock 3, Aston	1264
101	Yorkshire and North East	Aire & Calder Navigation	Lock 12, Whitley Lock	1251
102	East Midlands	Grand Union	Lock 18, Kibworth	1241
103	Yorkshire and North East	Stainforth & Keadby	Thorne Lock	1236
104	West Midlands	Stourbridge	Lock 4, Stourton Bottom	1220
105	West Midlands	Birmingham Canal Navigations	Lock 2, Farmers Bridge	1206
106	Wales and South West	Kennet & Avon	Lock 105, Fobney	1192
107	London and South East	Lee & Stort Navigation	Lock 3, Roydon	1176
108	Yorkshire and North East	Aire & Calder Navigation	Lock 1, Leeds Lock	1080
109	West Midlands	Grand Union	Lock 47, Knowle Bottom	1027
110	West Midlands	Grand Union	Lock 3, Camp Hill	1016
111	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Doncaster Lock	1013
112	London and South East	Lee & Stort Navigation	Lock 6, Sheering Mill	990
113	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Sprotborough Lock	974
114	West Midlands	Droitwich Canal	Lock 8, Ladywood	972
115	London and South East	Grand Union	Lock 1, Aylesbury	957
116	Yorkshire and North East	Aire & Calder Navigation	Lock 13, Pollington	911
117	London and South East	Regents	Lock 12, Commercial Road	873
118	North West	Leeds & Liverpool	Lock 45, Barrowford	861

2021 Rank	Waterway	Canal	Site	2021 Lockage
119	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Mexborough Top Lock	859
120	North West	Peak Forest	Lock 8, Marple	842
121	North West	Leeds & Liverpool	Lock 51, Barrowford Bottom	828
122	East Midlands	Grand Union	Lock 38, Kings	818
123	West Midlands	Stourbridge	Blowers Green	790
124	West Midlands	Droitwich Canal	Lock 7, River	750
125	East Midlands	Grand Union	Lock 14, Northampton	748
126	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Swinton (Waddington) Lock	723
127	Yorkshire and North East	Calder & Hebble Navigation	Lock 5, Woodside Mills	716
128	Yorkshire and North East	Rochdale	Lock 1, Albert Wood	697
129	North West	Leeds & Liverpool	Lock 58, Johnson's Hillock Top	694
130	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Mexborough Low Lock	681
131	Yorkshire and North East	New Junction Canal	Sykehouse Lock	673
132	North West	Leeds & Liverpool	Lock 55, Blackburn	608
133	North West	Ashton	Lock 17, Droylsden	560
134	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Aldwarke Lock	531
135	North West	Ashton	Lock 2, Ancoats	530
136	Yorkshire and North East	Sheffield & South Yorkshire Navigation	Eastwood (Sir Frank Price) lock	515
137	Yorkshire and North East	Chesterfield	Lock 56, Forest Middle	489
138	East Midlands	Erewash	Lock 61, Long Eaton	473
139	Yorkshire and North East	Ripon	Lock 3, Oxclose	469
140	Yorkshire and North East	Chesterfield	Lock 61, Gringley	463
141	North West	Leeds & Liverpool	Lock 67, Wigan	443
142	Yorkshire and North East	Rochdale	Lock 17, Old Royd	421
143	North West	Shropshire Union	Ellesmere Port Wide & Narrow	421
144	Yorkshire and North East	Huddersfield Broad	Lock 2, Colne Bridge	379
145	North West	Huddersfield Narrow	Lock 3W, Ashton	375
146	North West	Huddersfield Narrow	Lock 22W, Upper Mill	364
147	East Midlands	Erewash	Lock 73, Eastwood	351
148	North West	Huddersfield Narrow	Lock 30W, Shaw Mill	344
149	Yorkshire and North East	Huddersfield Narrow	Lock 41E, Marsden	321
150	Yorkshire and North East	Chesterfield	Lock 51, Worksop Bracebridge	312
151	North West	Huddersfield Narrow	Lock 12W, HNC	311
152	Yorkshire and North East	Huddersfield Narrow	Lock 16E, Westwood	306
153	Yorkshire and North East	Sheffield & Tinsley Canal	Lock 1, Tinsley	291
154	Yorkshire and North East	Huddersfield Narrow	Lock 28E, HNC	279
155	Wales and South West	Gloucester & Sharpness	Sharpness Lock	258
156	North West	Lancaster	Lock 1, Lodgehill	246
157	North West	Rochdale	Lock 65, Alfred Street	233

2021 Rank	Waterway	Canal	Site	2021 Lockage
158	North West	Rochdale	Lock 48, Lower Littleborough	199
159	North West	Lancaster	Lock 2, Ribble	190
160	North West	Rochdale	Lock 79, Coal Pit Middle	179
161	North West	Rochdale	Lock 49, Rochdale	171
162	West Midlands	Birmingham Canal Navigations	Lock 2, Rushall	165
163	Yorkshire and North East	Ripon	Lock 1, Rhodesfield	161
164	Yorkshire and North East	Chesterfield	Lock 34, Double Bottom Turnerwood	148
165	Yorkshire and North East	Pocklington	Lock 8, Gardham	138
166	North West	Lancaster	Lock 7, Glasson Basin	108
167	London and South East	Old River Lea	Lock 1A, Carpenter's Road Lock	78
168	North West	Shropshire Union	Lock 1, Graving	66
169	West Midlands	Montgomery	Lock 1, Belan	46

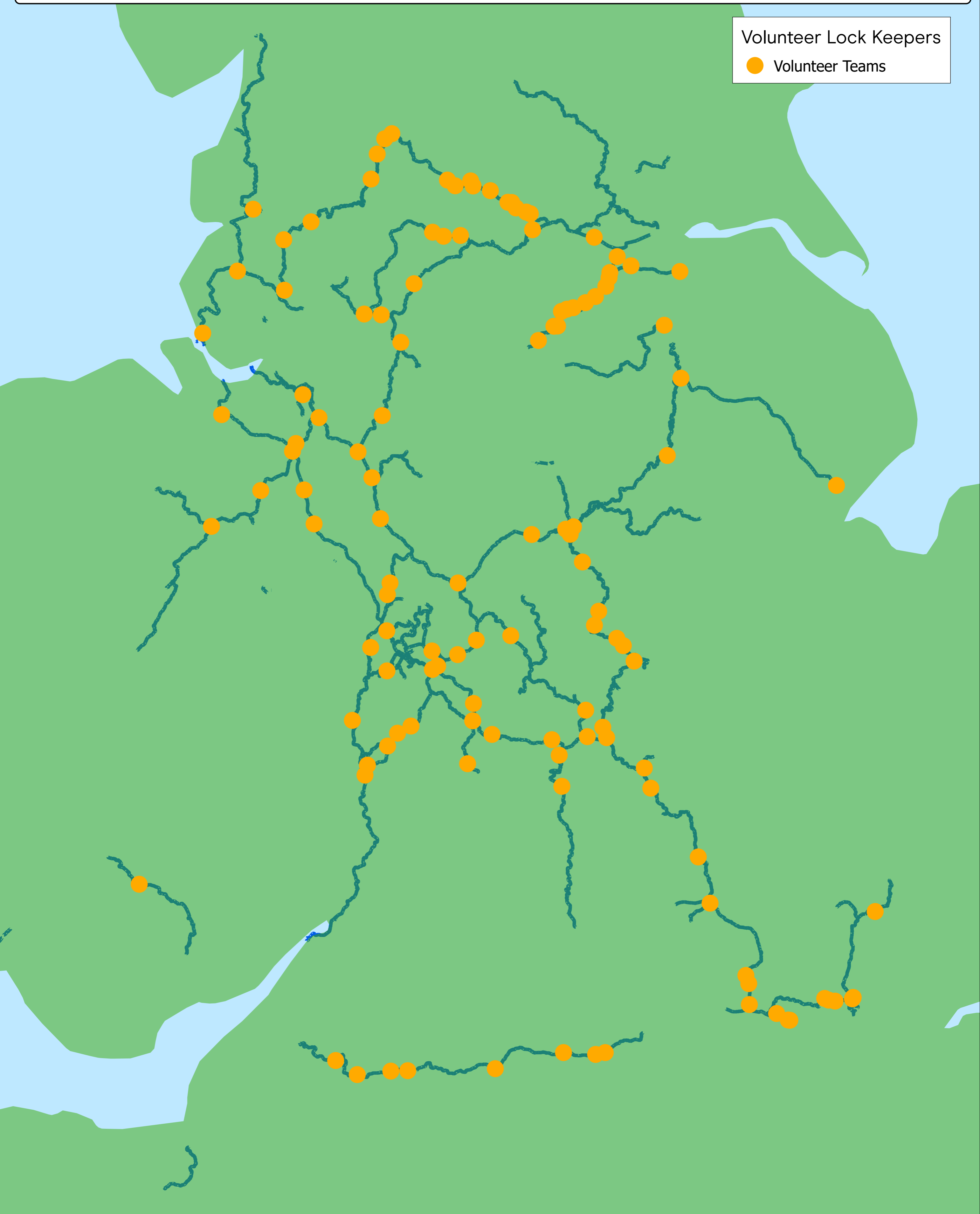
# Volunteer Lock Keeper Sites 2021

In 2021 there were 119 registered Volunteer Lock Keeper sites, the locations of these are shown in the map. Together, they recorded over 136,500 hours of Lock Keeping across the Trust's waterways



Volunteer Lock Keepers

- Volunteer Teams



# Annual Lockage Report 2021

## Comparison Sites

Produced: January 2022

Region: East Midlands

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Canal: Beeston Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 6, Castle	Telemetry	SK 570393	2197	1602	2126	524	33%	
Summary stats for Beeston Canal			Avg:	2197	1602	2126	524	33%

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Canal: Erewash

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 61, Long Eaton	Telemetry	SK 488335	776	364	473	109	30%	
Lock 73, Eastwood	Telemetry	SK 460458	385	253	351	98	39%	
Summary stats for Erewash			Avg:	581	309	412	104	34%



Canal: Grand Union

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 1, Watford	Telemetry	SP 593689	4434	2642	3868	1226	46%
Lock 1, Welford	Telemetry	SP 639813	3627	2219	3189	970	44%
Lock 14, Northampton	Telemetry	SP 724581	890	592	748	156	26%
Lock 18, Kibworth	Telemetry	SP 657944	1467	636	1241	605	95%
Lock 21, Cosgrove	Telemetry	SP 795422	3716	3015	3842	827	27%
Lock 38, Kings	Telemetry	SK 567007	1017	413	818	405	98%
Lock 6, Braunston	Telemetry	SP 553657	4736	3620	4651	1031	28%
Lock 7, Buckby Top	Telemetry	SP 605656	3662	2864	3748	884	31%
Lock 9, Foxton	Telemetry	SP 691894	3582	1777	3440	1663	94%

Summary stats for Grand Union

Avg: 3015 1975 2838 863 44%

Canal: Trent & Mersey

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 1, Derwent Mouth	Telemetry	SK 455306		1823	2593	770	42%
Lock 6, Stenson	Telemetry	SK 325299	2980	2002	2641	639	32%

Summary stats for Trent & Mersey

Avg: 2980 1913 2617 705 37%

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Summary stats for East Midlands

Avg:

2575

1702

2409

708

42%

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Region: London and South East

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Canal: Grand Union

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 1, Aylesbury	Telemetry	SP 917143	1144	770	957	187	24%
Lock 37, Stalkies	Telemetry	SP 924153	2237	1908	2204	296	16%
Lock 46, Cowroast	Telemetry	SP 958103	1603	1347	1486	139	10%
Lock 81, Batchworth	Telemetry	TQ 062940	2316	1752	1826	74	4%
Lock 90, Hanwell flight (Norwood)	Telemetry	TQ 136793	1465	1144	1470	326	28%

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Summary stats for Grand Union Avg: 1753 1384 1589 204 15%

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Canal: Hertford Union

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 1, Victoria Park Top	Telemetry	TQ 367839	2753	1878	1691	-187	-10%

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Summary stats for Hertford Union Avg: 2753 1878 1691 -187 -10%

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Canal: Lee & Stort Navigation

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 16, Stonebridge	Telemetry	TQ 351904	5779	4207	4413	206	5%
Lock 3, Roydon	Telemetry	TL 410104	1448	1178	1176	-2	0%
Lock 4, Stanstead	Telemetry	TL 380121	1783	1425	1557	132	9%
Lock 6, Sheering Mill	Telemetry	TL 488144	1156	922	990	68	7%

Summary stats for Lee & Stort Navigation Avg: 2542 1933 2034 101 5%

Canal: Lee Navigation

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 17, Tottenham Lock	Telemetry	TQ 347895	3044	2052	2305	253	12%
Lock 19, Old Ford Lock	Telemetry	TQ 373840	2454	1568	1725	157	10%

Summary stats for Lee Navigation Avg: 2749 1810 2015 205 11%

Canal: Old River Lea

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 1a, Carpenter's Road Lock	Telemetry	TQ 376844	215	76	78	2	3%

Summary stats for Old River Lea Avg: 215 76 78 2 3%

Canal: Oxford Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 21, Claydon Bottom	Telemetry	SP 463505	5286	3985	4973	988	25%	
Lock 32, Nell Bridge	Telemetry	SP 494343	4041	2855	3824	969	34%	
Lock 40, Bakers	Telemetry	SP 479178		2593	3652	1059	41%	
Lock 42, Roundham	Telemetry	SP 483140	3467	2301	3260	959	42%	
Lock 44, Dukes	Telemetry	SP 488107	3340	2283	3372	1089	48%	
Lock 44A, Dukes Cut	Telemetry	SP 488106	1798	1161	1705	544	47%	
Lock 46, Isis	Telemetry	SP 505066	3649	2366	3404	1038	44%	
<b>Summary stats for Oxford Canal</b>			<b>Avg:</b>	<b>3597</b>	<b>2506</b>	<b>3456</b>	<b>949</b>	<b>38%</b>

Canal: Regents

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 12, Commercial Road	Telemetry	TQ 363811	1048	533	873	340	64%	
Lock 2, Hawley	Telemetry	TQ 287841	2618	1766	1946	180	10%	
<b>Summary stats for Regents</b>			<b>Avg:</b>	<b>1833</b>	<b>1150</b>	<b>1410</b>	<b>260</b>	<b>23%</b>
<b>Summary stats for London and South East</b>			<b>Avg:</b>	<b>2507</b>	<b>1821</b>	<b>2222</b>	<b>401</b>	<b>22%</b>

Region: North West

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Canal: Ashton

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 17, Droylsden	Telemetry	SJ 898978	688	404	560	156	39%	
Lock 2, Ancoats	Telemetry	SJ 854982	647	398	530	132	33%	
Summary stats for Ashton			Avg:	668	401	545	144	36%

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Canal: Huddersfield Narrow

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 12W, HNC	Telemetry	SD 975012	379	135	311	176	130%	
Lock 22W, Upper Mill	Telemetry	SD 996058	375	138	364	226	164%	
Lock 30W, Shaw Mill	Telemetry	SE 001069	349	170	344	174	102%	
Lock 3W, Ashton	Telemetry	SJ 948985	444	170	375	205	121%	
Summary stats for Huddersfield Narrow			Avg:	387	153	349	195	127%

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Canal: Lancaster

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 1, Lodgehill	Telemetry	SD 481545	370	139	246	107	77%	
Lock 2, Ribble	Telemetry	SD 509311		93	190	97	104%	
Lock 7, Glasson Basin	Manual Reading	SD 445561	151	117	108	-9	-8%	
Summary stats for Lancaster			Avg:	261	116	181	65	56%

Canal: Leeds & Liverpool

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Deep Lock, Inside Track (Appley)	Telemetry	SD 517096	1751	972	1422	450	46%	
Lock 1, Leigh Branch Top	Telemetry	SD 578044	1456	923	1348	425	46%	
Lock 44, Greenberfield Top	Telemetry	SD 889484	1575	985	1422	437	44%	
Lock 45, Barrowford	Telemetry	SD 868403	1034	643	861	218	34%	
Lock 51, Barrowford Bottom	Telemetry	SD 868403	958	648	828	180	28%	
Lock 55, Blackburn	Telemetry	SD 680269	524	377	608	231	61%	
Lock 58, Johnson's Hillock Top	Telemetry	SD 596213	781	524	694	170	32%	
Lock 67, Wigan	Telemetry	SD 606065	505	268	443	175	65%	
Summary stats for Leeds & Liverpool			Avg:	1073	668	953	286	43%

Canal: Llangollen

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change
Lock 1, Hurleston	Telemetry	SJ 625553	4591	3717	5265	1548 <b>42%</b>
Marbury Lock	Telemetry	SJ 561464	4551	3501	5033	1532 <b>44%</b>

Summary stats for Llangollen

Avg: 4571 3609 5149 1540 **43%**

Canal: Macclesfield

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change
Lock 1, Bosley Top	Telemetry	SJ 904666	2374	1367	2229	862 <b>63%</b>

Summary stats for Macclesfield

Avg: 2374 1367 2229 862 **63%**

Canal: Peak Forest

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change
Lock 8, Marple	Telemetry	SJ 962884	917	451	842	391 <b>87%</b>

Summary stats for Peak Forest

Avg: 917 451 842 391 **87%**



Canal: Rochdale

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 48, Lower Littleborough	Telemetry	SD 940163	310	89	199	110	124%
Lock 49, Rochdale	Telemetry	SD 905124	225	94	171	77	82%
Lock 65, Alfred Street	Telemetry	SD 896017	225	141	233	92	65%
Lock 79, Coal Pit Middle	Telemetry	SJ 858991		108	179	71	66%

Summary stats for Rochdale

Avg: 253 108 196 88 81%

Canal: Shropshire Union

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Ellesmere Port Wide & Narrow	Telemetry	SJ 405771	479	208	421	213	102%
Lock 1, Graving	Telemetry	SJ 399667	127	28	66	38	136%
Lock 1, Wardle	Telemetry	SJ 705657	6747	4284	5972	1688	39%
Lock 3, Audlem	Telemetry	SJ 658420	3929	2753	3880	1127	41%
Lock 4, Cholmondeston	Telemetry	SJ 633575	7545	5346	7103	1757	33%
Lock 7, Tarvin	Telemetry	SJ 427665	1962	1235	1556	321	26%

Summary stats for Shropshire Union

Avg: 3465 2309 3166 857 37%

Canal: Trent & Mersey

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 42, Limekiln	Telemetry	SJ 830548	3193	2199	2900	701	32%
Lock 71, Kings	Telemetry	SJ 706656		2726	3745	1019	37%
Lock 75, Big Lock	Telemetry	SJ 701669	4152	2798	3812	1014	36%
Summary stats for Trent & Mersey		Avg:	3673	2574	3486	911	35%
Summary stats for North West		Avg:	1720	1122	1596	474	42%

Region: **Wales and South West**

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Canal: **Gloucester & Sharpness**

**Annual Lockage Totals**

Site	Type	NGR	2019	2020	2021	Annual Change
Lock 2, Gloucester	Manual Reading	SO 827184	920	934	1313	379 <b>41%</b>
Sharpness Lock	Manual Reading	SO 670022	159	153	258	105 <b>69%</b>
<b>Summary stats for Gloucester &amp; Sharpness</b>		<b>Avg:</b>	<b>540</b>	<b>544</b>	<b>786</b>	<b>242 45%</b>

Canal: Kennet & Avon

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 105, Fobney	Telemetry	SU 705710		877	1192	315	36%
Lock 13, Bath	Telemetry	ST 758646	2516	1491	2169	678	45%
Lock 14, Bradford on Avon	Telemetry	ST 825602	6164	3878	5994	2116	55%
Lock 15, Semington	Telemetry	ST 901609	3322	2524	3443	919	36%
Lock 21, Seend	Telemetry	ST 933613	3073	2261	3325	1064	47%
Lock 49, Maton	Telemetry	ST 995617	1727	1287	1646	359	28%
Lock 51, Wootton Rivers	Telemetry	SU 199629	1615	1266	1978	712	56%
Lock 60, Crofton	Telemetry	SU 248622	1407	1077	1448	371	34%
Lock 76, Wire	Telemetry	SU 362681	1693	1096	1552	456	42%
Lock 96, Padworth Middle	Telemetry	SU 606671	2057	1359	1963	604	44%

Summary stats for Kennet & Avon

Avg: 2619 1712 2471 759 44%

Canal: Monmouthshire & Brecon

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 65, Coombes	Telemetry	SO 144197	2926	1787	3341	1554	87%

Summary stats for Monmouthshire & Brecon

Avg: 2926 1787 3341 1554 87%

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Summary stats for Wales and South West

Avg:

2298

1538

2279

741

48%

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Region: West Midlands

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Canal: Birmingham & Fazeley

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change	
Lock 1, Top Lock Curdworth	Telemetry	SP 183937	1647	1023	1639	616 <b>60%</b>	
Lock 3, Minworth	Telemetry	SP 152923	1632	997	1517	520 <b>52%</b>	
<b>Summary stats for Birmingham &amp; Fazeley</b>			<b>Avg:</b>	<b>1640</b>	<b>1010</b>	<b>1578</b>	<b>568</b> <b>56%</b>

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Canal: Birmingham Canal Navigations

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change	
Lock 17, Wolverhampton	Telemetry	SO 918993	1745	941	1480	539 <b>57%</b>	
Lock 2, Farmers Bridge	Telemetry	SP 062870	1352	713	1206	493 <b>69%</b>	
Lock 2, Rushall	Telemetry	SP 039989	164	89	165	76 <b>85%</b>	
<b>Summary stats for Birmingham Canal Navigations</b>			<b>Avg:</b>	<b>1087</b>	<b>581</b>	<b>950</b>	<b>369</b> <b>64%</b>

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Canal: Caldon

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 11, Hazelhurst Middle	Telemetry	SJ 948538	2224	1065	2042	977	92%	
Lock 3, Planet	Manual Reading	SJ 878464	2704	1629	2311	682	42%	
Lock 8, Road Lock	Telemetry	SJ 916519	1989	1293	2064	771	60%	
Summary stats for Caldon			Avg:	2306	1329	2139	810	61%

Canal: Coventry & Ashby

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 1, Atherstone Top	Telemetry	SP 303976	5031	3305	4878	1573	48%	
Lock 12, Glascote Top	Telemetry	SK 216033	4842	4094	4613	519	13%	
Summary stats for Coventry & Ashby			Avg:	4937	3700	4746	1046	28%

Canal: Droitwich Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 7, River	Telemetry	SO 906633	1194	746	750	4	1%	
Lock 8, Ladywood	Telemetry	SO 868610	850	570	972	402	71%	
Summary stats for Droitwich Canal			Avg:	1022	658	861	203	31%

Canal: Grand Union

Site	Type	NGR	Annual Lockage Totals			Annual Change
			2019	2020	2021	
Lock 1, Calcutt	Telemetry	SP 468633	5482	3896	5100	1204 31%
Lock 23, Radford Bottom	Telemetry	SP 352649	2724	1850	2625	775 42%
Lock 3, Camp Hill	Telemetry	SP 085859	1178	711	1016	305 43%
Lock 47, Knowle Bottom	Telemetry	SP 190760	1168	769	1027	258 34%
Pumping Station 2, Stockton	Telemetry	SP 426647	2719	1852	2695	843 46%

Summary stats for Grand Union

Avg: 2654 1816 2493 677 37%

Canal: Llangollen

Site	Type	NGR	Annual Lockage Totals			Annual Change
			2019	2020	2021	
Lock 2, New Marton	Telemetry	SJ 331343	7711	4222	7457	3235 77%

Summary stats for Llangollen

Avg: 7711 4222 7457 3235 77%



Canal: Montgomery

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 1, Belan	Telemetry	SJ 217054	34	54	46	-8	-15%	
Lock 3, Aston	Telemetry	SJ 335264	1186	893	1264	371	42%	
<b>Summary stats for Montgomery</b>			<b>Avg:</b>	<b>610</b>	<b>474</b>	<b>655</b>	<b>182</b>	<b>38%</b>

Canal: Oxford Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 15, Marston Doles	Telemetry	SP 464582	5647	4111	5382	1271	31%	
Lock 8, Napton Bottom	Telemetry	SP 458592	5581	4085	5562	1477	36%	
Locks 2&3, Hillmorton	Telemetry	SP 537745	8362	5933	8147	2214	37%	
<b>Summary stats for Oxford Canal</b>			<b>Avg:</b>	<b>6530</b>	<b>4710</b>	<b>6364</b>	<b>1654</b>	<b>35%</b>

Canal: Shropshire Union

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Wheaton Aston Lock	Telemetry	SJ 858126	5108	3711	4964	1253	34%	
<b>Summary stats for Shropshire Union</b>			<b>Avg:</b>	<b>5108</b>	<b>3711</b>	<b>4964</b>	<b>1253</b>	<b>34%</b>

Canal: Staffordshire & Worcestershire

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change
Lock 33, Brick Kiln	Telemetry	SJ 922107	4612	3420	4719	1299 <b>38%</b>
Lock 43, Tixall	Telemetry	SJ 978219	5470	4093	5732	1639 <b>40%</b>
York Street	Telemetry	SO 812712	3388	2393	3258	865 <b>36%</b>

Summary stats for Staffordshire & Worcestershire

Avg: 4490 3302 4570 1268 **38%**

Canal: Stourbridge

Annual Lockage Totals

Site	Type	NGR	2019	2020	2021	Annual Change
Blowers Green	Telemetry	SO 934887	932	552	790	238 <b>43%</b>
Lock 4, Stourton Bottom	Telemetry	SO 862851	1309	905	1220	315 <b>35%</b>

Summary stats for Stourbridge

Avg: 1121 729 1005 277 **38%**

Canal: Stratford

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 19, Lapworth	Telemetry	SP 186705	2071	1495	2157	662	44%	
Lock 23, Lapworth	Telemetry	SP 186705	2361	1640	2303	663	40%	
Lock 38, Preston Bagot	Telemetry	SP 175654	2712	1854	2693	839	45%	
Lock 40, Wilmcote Top	Telemetry	SP 171575	2241	1456	2060	604	41%	
Lock 53, Maidenhead Road	Telemetry	SP 201553	2015	1317	1971	654	50%	
Lock 56, River	Telemetry	SP 204548	3224	1450	2093	643	44%	
Summary stats for Stratford			Avg:	2437	1535	2213	678	44%

Canal: Trent & Mersey

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 11, Wychnor	Telemetry	SK 185161	4621	3474	4881	1407	41%	
Lock 12, Alrewas	Telemetry	SK 171154	4428	3123	4457	1334	43%	
Lock 20, Woodend	Telemetry	SK 127135	6188	4450	6279	1829	41%	
Lock 21, Colwich	Telemetry	SK 008212	7188	3347	5698	2351	70%	
Lock 27, Star	Telemetry	SJ 902336	4906	3215	4626	1411	44%	
Lock 35, Trentham	Telemetry	SJ 884398	4228	2945	4001	1056	36%	
Lock 37, Cockshutes	Telemetry	SJ 874461	4395	2765	4012	1247	45%	
Summary stats for Trent & Mersey			Avg:	5136	3331	4851	1519	46%

Canal: Worcester & Birmingham

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 15, Offerton	Telemetry	SO 895580	2392	1579	2200	621	39%	
Lock 2, Diglis	Telemetry	SO 849539	1757	1147	1882	735	64%	
Lock 23, Stoke Prior	Telemetry	SO 951670	2104	1490	2128	638	43%	
Lock 42, Tardebigge	Telemetry	SO 975682	1808	870	1644	774	89%	
Summary stats for Worcester & Birmingham			Avg:	2015	1272	1964	692	54%

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Summary stats for West Midlands

Avg:

3187

2120

3038

917

43%

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Region: **Yorkshire and North East**

Canal: **Aire & Calder Navigation**

Site	Type	NGR	Annual Lockage Totals			Annual Change
			2019	2020	2021	
Lock 1, Leeds Lock	Telemetry	SE 437424	1537	696	1080	384 <b>55%</b>
Lock 10, Bulholme	Telemetry	SD 433267	1659	1145	1277	132 <b>12%</b>
Lock 12, Whitley Lock	Telemetry	SE 566221	1620	1217	1251	34 <b>3%</b>
Lock 13, Pollington	Telemetry	SE 615192	1883	1382	911	-471 <b>-34%</b>
Lock 2, Birkwood Lock	Telemetry	SE 435424	1603	866	1382	516 <b>60%</b>
Lock 3, Kings Road Lock	Telemetry	SE 437424	1595	1023	1552	529 <b>52%</b>
Lock 3, Knostrop	Telemetry	SE 432431	1560	779	1470	691 <b>89%</b>
Lock 4, Fishpond Lock	Telemetry	SE 435430	1314	910	1627	717 <b>79%</b>
Lock 5, Woodlesford Lock	Telemetry	SE 436429	1488	966	1693	727 <b>75%</b>
Lock 6, Woodhook Lock	Telemetry	SE 439435	1488	862	1420	558 <b>65%</b>
Lock 7, Lemonroyd Lock	Telemetry	SE 438427	1474	955	1553	598 <b>63%</b>

**Summary stats for Aire & Calder Navigation**

**Avg:** 1566 982 1383 401 41%

Canal: Calder & Hebble Navigation

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 5, Woodside Mills	Telemetry	SE 101213	639	394	716	322	82%	
<b>Summary stats for Calder &amp; Hebble Navigation</b>			<b>Avg:</b>	<b>639</b>	<b>394</b>	<b>716</b>	<b>322</b>	<b>82%</b>

Canal: Chesterfield

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 34, Double Bottom Turnerwood	Telemetry	SK 542813	199	148	148	0	0%	
Lock 51, Worksop Bracebridge	Telemetry	SK 595791	389	263	312	49	19%	
Lock 56, Forest Middle	Telemetry	SK 668830	507	345	489	144	42%	
Lock 61, Gringley	Telemetry	SK 728916	528	338	463	125	37%	
<b>Summary stats for Chesterfield</b>			<b>Avg:</b>	<b>406</b>	<b>274</b>	<b>353</b>	<b>80</b>	<b>29%</b>

Canal: Huddersfield Broad

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 2, Colne Bridge	Telemetry	SE 176202	336	189	379	190	101%	
<b>Summary stats for Huddersfield Broad</b>			<b>Avg:</b>	<b>336</b>	<b>189</b>	<b>379</b>	<b>190</b>	<b>101%</b>

Canal: Huddersfield Narrow

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 16E, Westwood	Telemetry	SE 098149	356	178	306	128 <b>72%</b>	
Lock 28E, HNC	Telemetry	SE 065131		148	279	131 <b>89%</b>	
Lock 41E, Marsden	Telemetry	SE 048118	334	180	321	141 <b>78%</b>	
<b>Summary stats for Huddersfield Narrow</b>			<b>Avg:</b>	<b>345</b>	<b>169</b>	<b>302</b>	<b>133</b> <b>79%</b>

Canal: Leeds & Liverpool

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Lock 29, Bingley 5 Rise Top	Telemetry	SE 107399	1379	724	1281	557 <b>77%</b>	
Lock 30, Holme Bridge	Telemetry	SD 943544	2116	1392	1702	310 <b>22%</b>	
Lock 36, Bank Newton	Telemetry	SD 911529	1783	1162	1412	250 <b>22%</b>	
<b>Summary stats for Leeds &amp; Liverpool</b>			<b>Avg:</b>	<b>1759</b>	<b>1093</b>	<b>1465</b>	<b>372</b> <b>34%</b>

Canal: New Junction Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change	
			2019	2020	2021		
Sykehouse Lock	Telemetry	SE 463416	1570	995	673	-322 <b>-32%</b>	
<b>Summary stats for New Junction Canal</b>			<b>Avg:</b>	<b>1570</b>	<b>995</b>	<b>673</b>	<b>-322</b> <b>-32%</b>



Canal: <u>Pocklington</u>		<u>Annual Lockage Totals</u>					
Site	Type	NGR	2019	2020	2021	Annual Change	
Lock 8, Gardham	Telemetry	SE 729453	188	216	138	-78 -36%	
<b>Summary stats for Pocklington</b>		<b>Avg:</b>	<b>188</b>	<b>216</b>	<b>138</b>	<b>-78 -36%</b>	

Canal: <u>Ripon</u>		<u>Annual Lockage Totals</u>					
Site	Type	NGR	2019	2020	2021	Annual Change	
Lock 1, Rhodesfield	Telemetry	SE 323703	314	263	161	-102 -39%	
Lock 3, Oxclose	Telemetry	SE 332679	836	428	469	41 10%	
<b>Summary stats for Ripon</b>		<b>Avg:</b>	<b>575</b>	<b>346</b>	<b>315</b>	<b>-31 -9%</b>	

Canal: <u>Rochdale</u>		<u>Annual Lockage Totals</u>					
Site	Type	NGR	2019	2020	2021	Annual Change	
Lock 1, Albert Wood	Telemetry	SE 064236		576	697	121 21%	
Lock 17, Old Royd	Telemetry	SD 948242	421	439	421	-18 -4%	
Lock 5, Edward Kilner	Telemetry	SE 030257	1082	949	1276	327 34%	
<b>Summary stats for Rochdale</b>		<b>Avg:</b>	<b>752</b>	<b>655</b>	<b>798</b>	<b>143 22%</b>	

Canal: Sheffield & South Yorkshire Navigation

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Aldwarke Lock	Telemetry	SK 451943	595	525	531	6	1%	
Doncaster Lock	Telemetry	SE 570035		710	1013	303	43%	
Eastwood (Sir Frank Price) lock	Telemetry	SK 440942	464	390	515	125	32%	
Long Sandall Lock	Manual Reading	SE 602066	1624	1208	1359	151	13%	
Mexborough Low Lock	Telemetry	SE 501001	589	435	681	246	57%	
Mexborough Top Lock	Telemetry	SK 481996	741	487	859	372	76%	
Sprotborough Lock	Telemetry	SE 539016	961	647	974	327	51%	
Swinton (Waddington) Lock	Telemetry	SK 463989		861	723	-138	-16%	
<b>Summary stats for Sheffield &amp; South Yorkshire Navigation</b>			<b>Avg:</b>	<b>829</b>	<b>658</b>	<b>832</b>	<b>174</b>	<b>26%</b>

Canal: Sheffield & Tinsley Canal

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Lock 1, Tinsley	Telemetry	SK 392898	491	195	291	96	49%	
<b>Summary stats for Sheffield &amp; Tinsley Canal</b>			<b>Avg:</b>	<b>491</b>	<b>195</b>	<b>291</b>	<b>96</b>	<b>49%</b>

Canal: Stainforth & Keadby

Site	Type	NGR	Annual Lockage Totals			Annual Change		
			2019	2020	2021			
Thorne Lock	Telemetry	SE 681131	1594	999	1236	237	24%	
Summary stats for Stainforth & Keadby			Avg:	1594	999	1236	237	24%
Summary stats for Yorkshire and North East			Avg:	1035	665	876	211	32%

# Boat Movement Report 2021

## Comparison Sites

Produced: January 2022

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Region: West Midlands

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Canal: Coventry & Ashby

Site	Type	NGR	<u>Annual Boat Movement Totals</u>			Annual Change	
			2019	2020	2021		
Congerstone Bridge 1 & 2	Telemetry			1970	4362	2392	121%
Summary stats for Coventry & Ashby			Avg:	1970	4362	2392	121%
Summary stats for West Midlands			Avg:	1970	4362	2392	

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Region: **East Midlands**

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Canal: **Fossdyke & Witham**

Site	Type	NGR	Annual Boat Movement Totals			Annual Change		
			2019	2020	2021			
Lock 1, Torksey	Manual Reading	SK 837780	1161	974	1362	388	40%	
Summary stats for Fossdyke & Witham			Avg:	1161	974	1362	388	40%

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Canal: **Trent Navigation**

Site	Type	NGR	Annual Boat Movement Totals			Annual Change		
			2019	2020	2021			
Lock 10, Stoke	Manual Reading	SK 649407	1965	948	1508	560	59%	
Lock 13, Newark Town	Manual Reading	SK 794538	2884	1392	2214	822	59%	
Summary stats for Trent Navigation			Avg:	2425	1170	1861	691	59%
Summary stats for East Midlands			Avg:	2003	1105	1695	590	-45%

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Region: North West

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Canal: Rochdale

Site	Type	NGR	Annual Boat Movement Totals			Annual Change	
			2019	2020	2021		
Bridge 65A, Trub Farm Bridge	Telemetry	SD 883099	132	54	91	37	69%
River Irk Aqueduct	Telemetry	SD 891063	144	72	85	13	18%
Summary stats for Rochdale		Avg:	138	63	88	25	40%
Summary stats for North West		Avg:	138	63	88	25	-54%

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Region: **Yorkshire and North East**

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Canal: **Chesterfield**

Site	Type	NGR	<u>Annual Boat Movement Totals</u>			Annual Change		
			2019	2020	2021			
Lock 65, Stockwith	Manual Reading	SK 785946	684	478	673	195	41%	
Summary stats for Chesterfield			Avg:	684	478	673	195	41%

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Canal: **River Ouse**

Site	Type	NGR	<u>Annual Boat Movement Totals</u>			Annual Change		
			2019	2020	2021			
Naburn Lock	Manual Reading	SE 594445	671	372	410	38	10%	
Summary stats for River Ouse			Avg:	671	372	410	38	10%

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Canal: **Selby**

Site	Type	NGR	<u>Annual Boat Movement Totals</u>			Annual Change		
			2019	2020	2021			
Lock 1, Selby	Manual Reading	SE 622322	491	283	227	-56	-20%	
Summary stats for Selby			Avg:	491	283	227	-56	-20%

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Summary stats for Yorkshire and North East			Avg:	615	378	437	59	-39%
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# Appendix

## Incomplete Data Sites 2021

For lockage data sites to be included in the main body of the report, the sites are required to be operational and have a good quality of data for both 2020 and 2021 (the comparison years). Incomplete sites within this Appendix are primarily those lockage sites where data was of insufficient quality for 2020 and/or 2021.

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Region: London and South East

Canal: Grand Union

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 40, Marsworth	Telemetry	SP 922193				<a href="#">Equipment issues</a>

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Canal: Lee & Stort Navigation

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 10, Waltham Common	Telemetry	TL 370018	2302	1785		<a href="#">Technical issues</a>
Lock 14, Ponders End 1 & 2	Telemetry	TQ 364955	4330		3482	<a href="#">Site repaired</a>

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Region: North West

Canal: Leeds & Liverpool

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 3, Runnel Brow	Telemetry	SD 453118	982			Technical issues
Stanley Lock	Manual Reading	SJ 342921	353			Technical issues

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Canal: Rochdale

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 92, Castlefield Dukes	Telemetry	SJ 831975			406	Site repaired

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Region: **Wales and South West**

Canal: **Kennet & Avon**

Site	Type	NGR	<u>Annual Lockage Totals</u>			Comments
			2019	2020	2021	
Lock 71, Picketsfield	Telemetry	SU 316680	1579	1159		Technical issues, site failed
Lock 78, Kintbury	Telemetry	SU 385671		1364		Technical issues, site failed
Lock 85, Newbury	Telemetry	SU 470671				Technical issues, site failed

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Canal: **Monmouthshire & Brecon**

Site	Type	NGR	<u>Annual Lockage Totals</u>			Comments
			2019	2020	2021	
Lock 69, Brynich	Telemetry	SO 077273	2938		2910	Site repaired

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Region: West Midlands

Canal: Caldon

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 1, Bedford Street	Telemetry	SJ 873468	2324			Equipment issues, faulty battery
Lock 4, Engine	Manual Reading	SJ 900514				Technical issues, site failed

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Canal: Grand Union

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 46, Hatton Top	Telemetry	SP 239669	1913			Technical issues, site failed

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Canal: Montgomery

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 4, Frankton	Telemetry	SJ 369316	1178			Technical issues, poor quality data
Pool Quay Lock	Telemetry	SJ 256115	317		444	Site repaired

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Canal: Shropshire Union

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Tyrley Lock	Manual Reading	SJ 689328				Technical issues

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Canal: Staffordshire & Worcestershire

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 28, Dimmingsdale	Telemetry	SO 858959	2234	1521		Equipment issues
Lock 31, Compton	Telemetry	SO 884989	3230		2760	Site repaired

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Canal: Stratford

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 2, Lapworth	Telemetry	SP 165716				Technical issues, site failed

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Canal: Trent & Mersey

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 40, Summit (Etruria)	Telemetry	SJ 872465	878			Equipment issues

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Region: Yorkshire and North East

Canal: Huddersfield Narrow

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 1E, Stanley Dawson	Telemetry	SE 148162	353		188	<a href="#">Site repaired</a>

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Canal: Leeds & Liverpool

Site	Type	NGR	Annual Lockage Totals			Comments
			2019	2020	2021	
Lock 35, Stegneck	Telemetry	SD 918539	2102	1329		<a href="#">Technical issues, site failed</a>
Lock 6, Spring Garden	Telemetry	SE 284337	1134		896	<a href="#">Site repaired</a>

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