

2022 EDM data: South Devon Analysis

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EDM Storm Overflow Annual Return Summary Reporting 2022

Table 1: 2022 EDM Headlines	South West Water (SWW)	Water Company Totals / Average
Total no. storm overflows listed in the annual return in 2022	1,342	14,580
Total no. storm overflows with EDM commissioned	1,333	13,323
% overflows listed with EDM commissioned	99.3%	91%
Total no. storm overflows with spill data in 2022	1,323	13,080
Average no. spills per storm overflow with spill data in 2022	28.5	23.0
Average duration (hrs) per monitored spill event in 2022	7.7	5.8

[Event Duration Monitoring - Storm Overflows - Annual Returns - 2022 \(data.gov.uk\)](https://data.gov.uk)

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South Devon headlines

240 sites with EDM

92% operational (average)

	Duration of spills (hrs)	Spill count	Long-term average* spill count
(Non South Devon)	237583.8	30500	36619
TEIGN	21884.2	2682	2881
DART	21000.4	2762	2833
ERME	2991.6	368	416
SK	2530.1	563	661
TORBAY	2071.5	373	498
AVON	1927.9	347	403
SOUTH DEVON	281.9	54	113
Total	290271.3	37649	44424

* Varies by outfall depending on EDM install date

7,149 spills[^] from 183 sites
(18% SWW total)

52,687 hrs duration (total) * = **2,195 days**
(19% SWW total)

[^] Counted spills using 12-24hr count method



Top 10% (in all SWW) by total duration (hrs)

46

sites across
South Devon

Number of high spilling sites	
Teign	19
Dart	17
Erme	4
Avon	3
Salcombe Kingsbridge	2
Torbay	1

Affecting

2 bathing waters:

- **Mothecombe beach** (4 sites – 2,407hrs)
- **Meadfoot beach** (1 site – 945hrs)

4 shellfisheries:

- **Teign** (12 sites – 8,517 hrs)
- **Dart** (7 sites – 4,929 hrs)
- **Salcombe** (2 sites – 1,924hrs)
- **Avon** (2 sites – 996 hrs)

Erme in 2022

* Counted spills using 12-24hr count method

16 sites with EDM 98% operational (average)

368 spills * from 11 sites **2,991.63** hrs duration (total) * = **124.7 days**

Worst sites (top 10%)	Total duration of spills (hrs)
IVYBRIDGE STW	1261.74
POUNDWELL MEADOW CSO	391.47
MODBURY WASTEWATER TREATMENT WORKS	390.01
IVYBRIDGE STW	363.87

Affects **Mothecombe Beach** Bathing water



Avon in 2022

* Counted spills using 12-24hr count method

11 sites with EDM

90.5% operational (average)

347 spills * from 5 sites **1,927.85** hrs duration (total) * = **80.3 days**

Worst sites (top 10%)	Total duration of spills (hrs)
MORELEIGH STW	749.36
SOUTH BRENT WWTW	690.70
DIPTFORD SEWAGE TREATMENT WORKS	306.25

Affects **Avon** shellfish waters

Dart in 2022

* Counted spills using 12-24hr count method

58 sites with EDM

90.6% operational (average)

2762 spills * from 50 sites

21,000 hrs duration (total) * = **875 days**

Worst sites (top 10%)	Spill duration (hrs)	Cont.	Spill duration (hrs)
HARBERTONFORD WWTW	2141.50	SCORRITON STW	890.57
HARBERTON WWTW	2136.50	BUCKFASTLEIGH STW	649.65
RATTERY WWTW CSO	1955.52	WARFLEET CREEK PUMPING STATION	644.77
HARBERTON WWTW	1883.40	DARTINGTON B CSO	478.45
CORNWORTHY STW	1446.39	SCOUT HUT CSO	353.67
TOTNES STW	1334.63	DITTISHAM WWTW	350.22
HOLNE WWTW	1320.34	DARTINGTON C CSO	321.17
BUCKFASTLEIGH STW	1089.16	IPPLEPEN WASTEWATER TREATMENT WORKS	294.50
BROADHEMPSTON WWTW CSO	1049.59		

Affects **Dart** shellfish waters

Teign in 2022

* Counted spills using 12-24hr count method

103 sites with EDM

92.9% operational (average)

2682 spills * from 74 sites

21,884 hrs duration (total) * = **911.8 days**

Worst sites (top 10%)	Spill duration (hrs)	Cont.	Spill dur. (hrs)
MORETONHAMPSTEAD WWTW	2296.41	LUSTLEIGH WASTEWATER TREATMENT WORK	705.23
DUNSFORD WWTW	2051.23	BUCKLAND WASTEWATER TREATMENT WORKS	654.74
HOMERS LANE CSO	2027.09	NO 15 LEMON ROAD CSO	506.54
HEATHFIELD STW	1318.13	BARTON DRIVE CSO	498.13
COMPTON CASTLE CSO	1271.48	EAST OGWELL WWTW	427.89
GREENACRES CSO	1259.81	CHUDLEIGH KNIGHTON WWTW	415.87
CHRISTOW WASTEWATER TREATMENT WORKS	1159.27	COMPTON AND MARLDON WWTW	376.78
CHUDLEIGH WWTW	1066.06	TRUSHAM SEWAGE TREATMENT WORKS	324.88
SUMMERHILL PUMPING STATION	955.98	KEYBERRY ROAD NO.18 CSO	320.90
MORETONHAMPSTEAD WWTW	894.69	Affects Teign shellfish waters	

Salcombe-Kingsbridge in 2022

* Counted spills using 12-24hr count method

20 sites with EDM

96.3% operational (average)

563 spills * from 16 sites **2,530** hrs duration (total) * = **105 days**

Worst sites (top 10%)	Total duration of spills (hrs)
SHERFORD WASTEWATER TREATMENT WORKS	1253.69
EAST CHARLETON PUMPING STATION	672.91

Torbay in 2022

* Counted spills using 12-24hr count method

29 sites with EDM

87.8% operational (average)

373 spills * from 24 sites

2,071 hrs duration (total) * = **86 days**

Worst sites (top 10%)

Total duration of spills (hrs)

ILSHAM VALLEY PUMPING STATION

945.75

Affects **Meadfoot Beach**
Bathing water