



**South West  
Water**

# 2017 Bathing Water Compliance - a South West Water perspective

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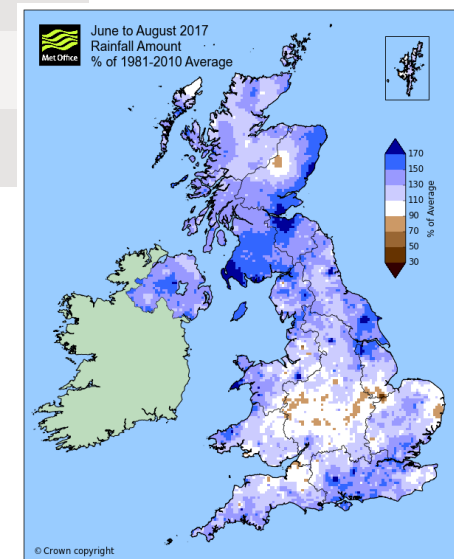
# 2017 BATHING WATER COMPLIANCE



# 2017 - OVERALL COMPLIANCE

Description	2016		2017	
	No.	% compliant with class	No.	% compliant with class
Designated	144		144	
Monitored	143		143	
Excellent	116	81.1	107	74.8
Good	21	95.8	28	94.4
Sufficient	4	98.6	5	97.9
Poor	2	1.4	3	2.1

**Overall compliance with 'sufficient' was broadly maintained, despite a wetter than average summer**



# 2017 - DEVON & DORSET



Area	Excellent	Good	Sufficient	Poor	Total	2017 Changes
West Dorset		(1)	1		1	Lyme Regis Front
East Devon	7 (7)	1 (1)			8	
Teignbridge	7 (6)	(1)			7	Teignmouth Town
Torbay	9 (10)	5 (4)	1 (1)		15	Hollicombe  Goodrington Paignton Sands
South Hams	12 (14)	4 (3)	1		17	Salcombe South  Hope Cove Bantham  Bigbury South  Wembury
Plymouth	2 (2)				2	
Torridge	2 (2)				2	
North Devon	6 (6)	2 (2)	(1)	3 (2)	11	Combe Martin

(2016)

↑ direction of class change

2017 classification

'excellent'      'sufficient'  
 'good'      'poor'

# 2017 - CORNWALL



Area	Excellent	Good	Sufficient	Poor	Unassessed	Total	
Cornwall	62 (69)	16 (9)	2 (2)		1 (1)	81	Polkerris ↓ ↑ Long Rock ↓ ↑ Porthminster ↓ ↑ Trebarwith Strand ↓ ↑ Crackington Haven ↓ ↑ Bude Summerlease ↓ ↑ ↓ ↑

(2016)

↑ direction of class change

2017 classification

- 'excellent'
- 'sufficient'
- 'good'
- 'poor'

# 2017 – A MIXED PICTURE

- Teignmouth (Town)
- East Looe
- Paignton (Paignton Sands)
- Torre Abbey
- Seaton (Cornwall)
- Mothecombe

**c. £18M early AMP6  
investment helps maintain  
compliance**

## ➤ Combe Martin

8 samples in season with elevated bacti levels

6 samples covered by EA PRF warnings

Only two samples potentially affected by CSO's during wet weather

Discounting applied to 3 samples

***Managing diffuse pollution  
remains key to sustained  
compliance***



➤ 8 new BWs in Cornwall:

- Booby's Bay
- Godrevy
- Gwynver
- Mexico Towan
- Northcott Mouth
- Upton Towan
- South Fistral
- Tregonhawke

**Awaiting ministerial approval**

**Early indications are all 'excellent'**



➤ De-designation of Instow

## Development of EA PRF

Environment Agency **Bathing Water Quality**  
 Find Get the data Glossary Help Web widgets EA open datasets

Get the data > compare / PRFs / pollution incidents / samples [Download this data](#)

### Pollution risk forecasts: Crantock

Forecasts indicate increased risk of pollution due to weather and other predictable factors, are only valid up to midnight of the day they are issued.

Displaying results from the current or most-recent bathing water season only. You can see all historical results, but note that this may take some time and use considerable data bandwidth.

Table key  
 n/a: pollution risk forecasts are not available at this site. ✓: no increased risk of pollution. ⚠: increased risk of pollution, click or tap for details

Show 10 entries Search:

Date	Crantock
20 Sep 17	No water quality warning issued
19 Sep 17	No water quality warning issued
18 Sep 17	No water quality warning issued
17 Sep 17	⚠ Risk of reduced water quality due to heavy rain Sep 17th 2017 08:30
16 Sep 17	⚠ Risk of reduced water quality due to heavy rain Sep 16th 2017 08:30
15 Sep 17	No water quality warning issued
14 Sep 17	No water quality warning issued
13 Sep 17	No water quality warning issued
12 Sep 17	No water quality warning issued
11 Sep 17	No water quality warning issued

Showing 11 to 20 of 153 entries [< Previous](#) 1 2 3 4 5 ... 16 [Next >](#)

**Potential for more bathing waters to be included**

### Current:

- rainfall volume
- rainfall period
- (sub) catchment area

### Potential new parameters:

- tidal state
- tidal range
- UV Index
- seasonality
- wind speed
- wind direction
- salinity
- CSO data

### Externalities:

- bather shedding
- dogs, birds, seaweed, sand



## Plymouth Central STW Upgrade:

- UV disinfection on CSO
- Improved utilisation of existing storm storage
- Enhanced pre-screening to protect treatment and CSO
- Enhanced pumping regime on shaft 16 pumping
- c. £17M budget
- Delivery March 2018

## Catchment Improvements

- Surface water separation
- 5 Ha
- c. £2M budget



## Revision (of the revised) Directive:

- new standards
- removal of 'sufficient'
- rationalisation of current parameters
- new (viral) parameters
- standards for HABs

*Desk top review in progress  
WHO TAG Jan '18  
Factsheets on issues Jun '18*



## PR19 (AMP7) Plan (2020-2025):

- in development with EA
- continuing to target 'poor' and high risk 'sufficient' BWs
- proposals to help prevent deterioration
- some elements subject to willingness to pay



Early pond development



Two months later

## *Natural catchment engineering*