## Monthly water situation report: Solent and South Downs Area

## Summary - April 2024

Solent and South Downs (SSD) had above average rainfall in April, receiving 151\% (81.6mm) of the long term average (LTA) rainfall ( 53.9 mm ). Monthly mean river flows and groundwater levels across SSD ranged from above normal to exceptionally high. Soils across SSD ended the month wetter than the average. End of month reservoir stocks at Ardingly Reservoir (Ouse) and at Arlington Reservoir (Cuckmere) were both above average.

### 1.1 Rainfall

SSD had above average rainfall in April, receiving 151\% (81.6mm) of the LTA (53.9mm). The month started with a wet period from 1 to 4 April, when about $40 \%$ of the month total rain was recorded. The driest week of the month was from 17 to 23 April, with less than $3 \%$ of the month total rain. The most rain fell in the period from 24 to 27 April, with about $45 \%$ of the month total rain. The highest daily total of 43.8 mm was recorded on 27 April at Duncton RG (Western Rother Greensand), which was the wettest day of the month.

During the last 3 month period, between February and April, SSD area and 11 of our 14 areal rainfall units received record amount of rainfall:

- Test Chalk
- East Hampshire Chalk
- West Sussex Chalk
- East Sussex Chalk
- Isle of Wight
- Western Rother Greensand
- Hampshire Tertiaries
- Lymington
- Sussex Coast
- Adur
- Ouse

Arun recorded the second highest, while Cuckmere recorded the third highest, and Pevensey Level the fourth highest rainfall totals in the last 3 month.

The last 9 months, 12 months and 15 months periods were the second wettest on record for SSD area, since 1871.

The last 18 months period was the wettest on record for SSD area, and 10 areal rainfall units in the western part of the area. On the eastern part of the area, Adur, Ouse, Cuckmere and Pevensey Level recorded the second highest rainfall totals in the last 18 months.

### 1.2 Soil moisture deficit and recharge

Soils across SSD ended the month wetter than the average for April, which means catchments are more responsive to run off.

### 1.3 River flows

Monthly mean river flows across SSD ranged from above normal to exceptionally high.
Flows were above normal:

- River Lymington at Brockenhurst
- River Arun at Alfoldean
- River Cuckmere at Cowbeech

Flows were notably high:

- River Ouse at Goldbridge

Flows were exceptionally high:

- River Test at Chilbolton
- River Test at Broadlands
- River Itchen at Allbrook\&Highbridge
- River Meon at Mislingford
- River Wallington at North Fareham
- River Rother at Iping Mill
- River Adur at Sakeham

There was no data available for River Medina at Blackwater.
The monthly mean flows for April for the River Wallington at North Fareham were the highest on record since 1976.

The monthly mean flows were the second highest at Broadlands (Test), at Chilbolton (Test), at Allbrook\&Highbridge (Itchen), at lping Mill (Rother), and at Sakeham (Adur).

### 1.4 Groundwater levels

End of month groundwater levels ranged from above normal to exceptionally
high. Groundwater levels were above normal at:

- Cornish Farm (East Sussex Chalk)

Groundwater levels were notably high at:

- Carisbrooke Castle (Isle of Wight)
- Beeding Hill (West Sussex Chalk)
- Houndean Bottom (East Sussex Chalk)

Groundwater levels were exceptionally high at:

- Clanville Gate (Test Chalk)
- Lopcombe Corner (Test Chalk)
- Preston Candover (East Hampshire Chalk)
- West Meon (East Hampshire Chalk)
- Catherington (East Hampshire Chalk)
- Youngwoods Copse (Isle of Wight)
- Harting Common (Western Rother Greensand)
- Chilgrove (West Sussex Chalk)

Groundwater level for April was the highest on record at Harting Common since 1984. The groundwater levels were second highest on record at Clanville Gate, at Lopcombe Corner and at West Meon, since 1966, 1963 and 1986, respectively. The groundwater levels were third highest at Youngwoods Copse, at Catherington, at Cornish Farm and at Preston Candover since 1978, 1969, 1981, and 1975, respectively.

### 1.5 Reservoir stocks

End of month reservoir stocks were both above average. Ardingly Reservoir (Ouse) was at 100\% of total capacity (LTA 98\%) and Arlington Reservoir (Cuckmere) was at 97.7\% of total capacity (LTA 97.16\%).

### 1.6 Environmental impact

No licence restrictions were in force in April.
There were 12 Flood Alerts issued in April. In Hampshire 5, on the Isle of Wight 2, and in Sussex 5; all fluvial.

There were 3 Flood Warnings issued in April. In Hampshire 2 and on the Isle of Wight 1; all fluvial.

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## 2. Rainfall

### 2.1 Rainfall map

Figure 2.1: Total rainfall for hydrological areas for the current month (up to 30 April 2024), the last 3 months, the last 6 months, and the last 12 months, classed relative to an analysis of respective historic totals. Table available in the appendices with detailed information.


Legend


Rainfall data for 2024, extracted from Environment Agency 1km gridded rainfall dataset derived from Environment Agency intensity rain gauges. (Source: Environment Agency. Crown Copyright, 100024198, 2024). Rainfall data prior to 2023, extracted from Met Office HadUK 1 km gridded rainfall dataset derived from registered rain gauges (Source: Met Office. Crown copyright, 2024).

## 3 River flows and Groundwater levels

### 3.1 River flows and Groundwater level map

Figure 3.1: Monthly mean river flow and groundwater levels at our indicator sites for April 2024, expressed as a percentage of the respective long term average and classed relative to an analysis of historic April monthly means. Table available in the appendices with detailed information.


There was no data available for River Medina at Blackwater.
(Source: Environment Agency). Crown copyright. All rights reserved. Environment Agency, 100024198, 2024. Geological map reproduced with kind permission from UK Groundwater Forum, BGS copyright NERC. Crown copyright. All rights reserved. Environment Agency, 100024198, 2024.

## 4 West Hampshire

### 4.1 West Hampshire Rainfall and effective rainfall charts

Figure 4.1: Monthly rainfall and effective rainfall totals for the past 12 months compared to the 1961 to 1990 long term average.

Monthly total rainfall (mm)


HadUK rainfall data. (Source: Met Office. Crown copyright, 2024).

### 4.2 West Hampshire River flow charts

Figure 4.2: Daily mean river flow for index sites over the past year, compared to an analysis of historic daily mean flows, and long term maximum and minimum flows.


Source: Environment Agency, 2024.

### 4.3 West Hampshire Groundwater level charts

Figure 4.3: End of month groundwater levels at index groundwater level sites for major aquifers. 34 months compared to an analysis of historic end of month levels and long term maximum and minimum levels.

| Exceptionally high | Notably high | Above normal | Normal |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | - |

CLANVILLE GATE GWL - CHALK
Ranking derived from data for the period Mar-1963 to Dec-2022


WEST MEON GWL - CHALK
Ranking derived from data for the period Sep-1986 to Dec-2022


PRESTON CANDOVER GWL - CHALK
Ranking derived from data for the period Jan-1975 to Dec-2022


LOPCOMBE CORNER GWL - CHALK
Ranking derived from data for the period Apr-1963 to Dec-2022


Source: Environment Agency, 2024.

## 5 East Hampshire and Isle of Wight

### 5.1 East Hampshire and Isle of Wight Rainfall and Effective rainfall charts

Figure 5.1: Monthly rainfall and effective rainfall totals for the past 12 months compared to the 1961 to 1990 long term average.

Monthly total rainfall (mm)


East Hampshire Chalk - Effective Rainfall


Long term average rainfall (mm)


Isle of Wight - Effective Rainfall


HadUK rainfall data. (Source: Met Office. Crown copyright, 2024).

### 5.2 East Hampshire and Isle of Wight River flow charts

Figure 5.2 Daily mean river flow for index sites over the past year, compared to an analysis of historic daily mean flows, and long term maximum and minimum flows.


Source: Environment Agency, 2024.

### 5.3 East Hampshire and Isle of Wight Groundwater level charts

Figure 5.3: End of month groundwater levels at index groundwater level sites for major aquifers. 34 months compared to an analysis of historic end of month levels and long term maximum and minimum levels.

|  | Exceptionally high | Notably high | Above normal |  |
| :--- | :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | - | Normal |
|  | Latest data |  |  |  |

CATHERINGTON GWL - CHALK
Ranking derived from data for the period Jan-1969 to Dec-2022


YOUNGSWOOD COPSE GWL - LGS
Ranking derived from data for the period Feb-1978 to Dec-2022


Ranking derived from data for the period Aug-1977 to Dec-2022


## 6 West Sussex

### 6.1 West Sussex Rainfall and Effective Rainfall charts

Figure 6.1: Monthly rainfall and effective rainfall totals for the past 12 months as a percentage of the 1961 to 1990 long term average.

Monthly total rainfall (mm)


Arun - Effective Rainfall


Long term average rainfall (mm)


West Sussex Chalk - Effective Rainfall


HadUK rainfall data. (Source: Met Office. Crown copyright, 2024).

### 6.2 West Sussex River flow charts

Figure 6.2: Daily mean river flow for index sites over the past year, compared to an analysis of historic daily mean flows, and long term maximum and minimum flows.

| Exceptionally high | Notably high | Above normal | Normal |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | _ Latest data |




Source: Environment Agency, 2024.

### 6.3 West Sussex Groundwater level charts

Figure 6.3: End of month groundwater levels at index groundwater level sites for major aquifers. 34 months compared to an analysis of historic end of month levels and long term maximum and minimum levels.

| Exceptionally high | Notably high | Above normal |  |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | Normal |



Source: Environment Agency, 2024.

## 7 East Sussex

### 7.1 East Sussex Rainfall and Effective Rainfall charts

Figure 7.1: Monthly rainfall and effective rainfall totals for the past 12 months compared to the 1961 to 1990 long term average.

Monthly total rainfall (mm)


Pevensey Levels - Effective Rainfall


Long term average rainfall (mm)


Ouse - Effective Rainfall


HadUK rainfall data. (Source: Met Office. Crown copyright, 2024).

### 7.2 East Sussex River flow charts

Figure 7.2: Daily mean river flow for index sites over the past year, compared to an analysis of historic daily mean flows, and long term maximum and minimum flows.

| Exceptionally high | Notably high | Above normal | Normal |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | - Latest data |





Source: Environment Agency, 2024.

### 7.3 East Sussex Groundwater level charts

Figure 7.3: End of month groundwater levels at index groundwater level sites for major aquifers. 34 months compared to an analysis of historic end of month levels and long term maximum and minimum levels.

| Exceptionally high | Notably high | Above normal | Normal |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | - |

BEEDING HILL GWL - CHALK
Ranking derived from data for the period Sep-1979 to Dec-2022


CORNISH FARM WIGDENS GWL - CHALK
Ranking derived from data for the period Mar-1981 to Dec-2022

ul-21 Nov-21 Mar-22 Jul-22 Nov-22 Mar-23 Jul-23 Nov-23 Mar-24

HOUNDEAN BOTTOM GWL - CHALK
Ranking derived from data for the period Jan-1977 to Dec-2022


Source: Environment Agency, 2024.

## 8 Reservoir stocks

Figure 8.1: End of month reservoir stocks compared to long term maximum, minimum and average stocks. Note: Historic records of individual reservoirs and reservoir groups making up the regional values vary in length.

----AVE ----MIN -- 2022 - 2023 - 2024
South East Water - Arlington Reservoir - Cuckmere

(Source: water companies).

## 9 Glossary

### 9.1 Terminology

## Aquifer

A geological formation able to store and transmit water.

## Areal average rainfall

The estimated average depth of rainfall over a defined area. Expressed in depth of water (mm).

## Artesian

The condition where the groundwater level is above ground surface but is prevented from rising to this level by an overlying continuous low permeability layer, such as clay.

## Artesian borehole

Borehole where the level of groundwater is above the top of the borehole and groundwater flows out of the borehole when unsealed.

## Cumess

Cubic metres per second ( $\mathrm{m}^{3 s-1}$ ).

## Effective rainfall

The rainfall available to percolate into the soil or produce river flow. Expressed in depth of water (mm).

## Flood alert and flood warning

Three levels of warnings may be issued by the Environment Agency. Flood alerts indicate flooding is possible. Flood warnings indicate flooding is expected. Severe flood warnings indicate severe flooding.

## Groundwater

The water found in an aquifer.

## Long term average (LTA)

The arithmetic mean calculated from the historic record, usually based on the period 1961 to 1990. However, the period used may vary by parameter being reported on (see figure captions for details).

## mAOD

Metres above ordnance datum (mean sea level at Newlyn Cornwall).

## MORECS

Met Office Rainfall and Evaporation Calculation System. Met Office service providing real time calculation of evapotranspiration, soil moisture deficit and effective rainfall on a 40 by 40 km grid.

## Naturalised flow

River flow with the impacts of artificial influences removed. Artificial influences may include abstractions, discharges, transfers, augmentation and impoundments.

## NCIC

National Climate Information Centre. NCIC area monthly rainfall totals are derived using the Met Office 5 km gridded dataset, which uses rain gauge observations.

## Recharge

The process of increasing the water stored in the saturated zone of an aquifer. Expressed in depth of water (mm).

## Reservoir gross capacity

The total capacity of a reservoir.

## Reservoir live capacity

The capacity of the reservoir that is normally usable for storage to meet established reservoir operating requirements. This excludes any capacity not available for use (for example, storage held back for emergency services, operating agreements or physical restrictions). May also be referred to as 'net' or 'deployable' capacity.

## Soil moisture deficit (SMD)

The difference between the amount of water actually in the soil and the amount of water the soil can hold. Expressed in depth of water (mm).

### 9.2 Categories

## Exceptionally high

Value likely to fall within this band $5 \%$ of the time.

## Notably high

Value likely to fall within this band 8\% of the time.

## Above normal

Value likely to fall within this band $15 \%$ of the time.

## Normal

Value likely to fall within this band $44 \%$ of the time.

## Below normal

Value likely to fall within this band $15 \%$ of the time.

## Notably low

Value likely to fall within this band $8 \%$ of the time.

## Exceptionally low

Value likely to fall within this band $5 \%$ of the time.

## 10 Appendices

### 10.1 Rainfall, effective rainfall and soil moisture deficit table

(Source: Met Office. Crown copyright, 2024). All rights reserved. Environment Agency, 100024198, 2024

Figure 10.1: This is areal rainfall, effective rainfall (percolation or runoff) and soil moisture deficit for the hydrological areas across the SSD. There may be significant variation within each area which must be considered when interpreting these data. When additional meteorological data is available estimates are revised which will affect the period totals in section 10.2

| Hydrological <br> Area | Rainfall <br> (mm) <br> 30 day <br> Total | Rainfall <br> April as <br> \%LTA | Effective <br> Rainfall <br> $(m m)$ <br> 30 day <br> Total | Effective <br> Rainfall <br> April as <br> \%LTA | Soil <br> Moisture <br> Deficit <br> (SMD) <br> Day 30 | SMD End <br> of <br> April LTA |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Test Chalk | 78.9 | $153 \%$ | 30.1 | $203 \%$ | 6 | 19 |
| East <br> Hampshire <br> Chalk | 85.4 | $152 \%$ | 36.9 | $211 \%$ | 5 | 18 |
| West Sussex <br> Chalk | 91.9 | $153 \%$ | 45.7 | $206 \%$ | 6 | 16 |
| East Sussex <br> Chalk | 75.8 | $142 \%$ | 26.6 | $161 \%$ | 6 | 17 |
| Isle of Wight | 95.0 | $182 \%$ | 44.6 | $302 \%$ | 7 | 20 |
| Western <br> Rother <br> Greensand | 101.4 | $167 \%$ | 54.2 | $254 \%$ | 6 | 17 |
| Hampshire <br> Tertiaries | 81.9 | $163 \%$ | 30.1 | $283 \%$ | 5 | 20 |
| Lymington | 80.7 | $157 \%$ | 30.7 | $244 \%$ | 5 | 19 |
| Sussex <br> Coast | 71.9 | $143 \%$ | 21.7 | $180 \%$ | 7 | 20 |
| Arun | 87.5 | $155 \%$ | 38.1 | $234 \%$ | 6 | 16 |
| Adur | 87.4 | $158 \%$ | 39.2 | $241 \%$ | 6 | 16 |
| Ouse | 81.5 | $150 \%$ | 33.4 | $215 \%$ | 6 | 16 |
| Cuckmere | 63.0 | $123 \%$ | 17.4 | $134 \%$ | 8 | 16 |
| Pevensey <br> Levels | 60.2 | $119 \%$ | 15.8 | $135 \%$ | 12 | 17 |
| SSD <br> Average | 81.6 | $151 \%$ | 33.2 | $216 \%$ | 6 | 18 |

### 10.2 Seasonal summary table of rainfall and effective rainfall

Summer season: 01/04/2024 to 30/09/2024

| Hydrological <br> Area | Seasonal <br> Rainfall <br> (mm) <br> Total | Seasonal Rainfall as \% LTA | Seasonal <br> Effective <br> Rainfall (mm) <br> Total | Seasonal Effective Rainfall as \% LTA |
| :---: | :---: | :---: | :---: | :---: |
| Test Chalk | 78.9 | 153\% | 30.1 | 203\% |
| East Hampshire Chalk | 85.4 | 152\% | 36.9 | 211\% |
| West Sussex Chalk | 91.9 | 153\% | 45.7 | 206\% |
| East Sussex Chalk | 75.8 | 142\% | 26.6 | 161\% |
| Isle of Wight | 95.0 | 182\% | 44.6 | 302\% |
| Western Rother Greensand | 101.4 | 167\% | 54.1 | 254\% |
| Hampshire Tertiaries | 81.9 | 163\% | 30.1 | 283\% |
| Lymington | 80.7 | 157\% | 30.7 | 243\% |
| Sussex Coast | 71.9 | 143\% | 21.7 | 181\% |
| Arun | 87.5 | 155\% | 38.1 | 234\% |
| Adur | 87.4 | 158\% | 39.2 | 240\% |
| Ouse | 81.5 | 150\% | 33.4 | 215\% |
| Cuckmere | 63.0 | 123\% | 17.4 | 134\% |
| Pevensey Levels | 60.2 | 119\% | 15.8 | 135\% |
| SSD Average | 81.6 | 151\% | 33.2 | 216\% |

10.3 Rainfall banding table

| Hydrological area | April 2024 band | February 2024 to <br> April 2024 <br> cumulative <br> band | November 2023 to <br> April 2024 <br> cumulative band | May 2023 to April 2024 cumulative band |
| :---: | :---: | :---: | :---: | :---: |
| Test Chalk | above normal | exceptionally high | exceptionally high | exceptionally high |
| East Hampshire Chalk | above normal | exceptionally high | exceptionally high | exceptionally high |
| West Sussex Chalk | notably high | exceptionally high | exceptionally high | exceptionally high |
| East Sussex Chalk | above normal | exceptionally high | exceptionally high | exceptionally high |
| Isle of Wight | notably high | exceptionally high | exceptionally high | exceptionally high |
| Western Rother Greensand | notably high | exceptionally high | exceptionally high | exceptionally high |
| Hampshire Tertiaries | above normal | exceptionally high | exceptionally high | exceptionally high |
| Lymington | above normal | exceptionally high | exceptionally high | exceptionally high |
| Sussex Coast | above <br> normal | exceptionally high | exceptionally high | exceptionally high |
| Arun | notably high | exceptionally high | exceptionally high | exceptionally high |
| Adur | notably high | exceptionally high | exceptionally high | exceptionally high |
| Ouse | above normal | exceptionally high | exceptionally high | exceptionally high |
| Cuckmere | above normal | exceptionally high | exceptionally high | exceptionally high |
| Pevensey Levels | above normal | exceptionally high | exceptionally high | exceptionally high |

### 10.4 River flows table

| Site name |  | River | Arun | above normal |
| :--- | :--- | :--- | :--- | :--- |
| Alfoldean Gs | exceptionally <br> high |  |  |  |
| Allbrook Gs + <br> Highbridge | Itchen (so) | Itchen | March 2024 <br> band |  |
| Blackwater | Medina | Isle of Wight | no data | above normal |
| Broadlands | Test | Test Lower | exceptionally <br> high | exceptionally <br> high |
| Brockenhurst GS | Lymington | New Forest | above normal | notably high |

### 10.5 Groundwater table

| Site name | Aquifer | End of April 2024 band | End of March 2024 band |
| :---: | :---: | :---: | :---: |
| Houndean Bottom Gwl | Brighton Chalk Block | notably high | exceptionally high |
| Chilgrove House Gwl | Chichester- <br> Worthing- <br> Portsdown Chalk | exceptionally high | exceptionally high |
| Carisbrooke Castle | Isle Of Wight Central Downs Chalk | notably high | notably high |
| West Meon Hut Gwl | River Itchen Chalk | exceptionally high | notably high |
| Clanville Gate Gwl | River Test Chalk | exceptionally high | exceptionally high |
| Lopcombe Corner Gwl | River Test Chalk | exceptionally high | exceptionally high |
| Beeding Hill Gwl | Brighton Chalk Block | notably high | exceptionally high |
| Catherington | River Meon Chalk | exceptionally high | exceptionally high |
| Cornish Wigdens Gwtr | Eastbourne Chalk Block | above normal | exceptionally high |
| Harting Common Down | Western Rother Lower Greensand | exceptionally high | exceptionally high |
| Preston Candover | River Itchen Chalk | exceptionally high | exceptionally high |
| Youngwoods Copse | Isle of Wight <br> Lower Greensand | exceptionally high | exceptionally high |

### 10.6 Abstraction licence flow constraints

| Number of flow <br> constraints in <br> force from 1 to 8 | Number of flow <br> constraints in <br> force from 9 to 15 <br> April 2024 | April 2024 | Number of flow <br> constraints in <br> force from 16 to 22 <br> April 2024 |
| :--- | :--- | :--- | :--- | | Number of flow |
| :--- |
| constraints in |
| force from 23 to 30 |
| April 2024 |

### 10.7 Solent and South Downs Areal Rainfall Units Map


10.8 SSD Areal Rainfall Monthly Long Term Averages

| Hydrological <br> Area | Jan <br> LTA <br> mm | Feb <br> LTA <br> mm | Mar <br> LTA <br> mm | Apr <br> LTA <br> mm | May LTA mm | Jun <br> LTA <br> mm | Jul LTA mm | Aug <br> LTA <br> mm | Sep <br> LTA <br> mm | Oct <br> LTA <br> mm | Nov <br> LTA <br> mm | Dec <br> LTA <br> mm |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Test Chalk | 84.8 | 57.9 | 68.7 | 51.7 | 59.0 | 57.3 | 47.9 | 62.5 | 67.9 | 75.4 | 79.9 | 89.1 |
| East Hampshire Chalk | 93.8 | 62.5 | 73.9 | 56.2 | 61.9 | 58.7 | 51.7 | 64.6 | 77.0 | 86.2 | 90.5 | 94.8 |
| West Sussex Chalk | 93.5 | 62.5 | 73.9 | 60.2 | 59.5 | 57.6 | 50.7 | 64.8 | 78.5 | 92.0 | 97.0 | 95.5 |
| East Sussex Chalk | 87.1 | 56.9 | 65.1 | 53.5 | 51.5 | 57.4 | 48.9 | 60.3 | 72.7 | 92.9 | 97.9 | 88.7 |
| Isle of Wight | 88.2 | 60.4 | 67.0 | 52.3 | 53.2 | 50.2 | 44.1 | 57.4 | 70.2 | 84.3 | 91.2 | 88.1 |
| Western Rother Greensand | 99.5 | 64.5 | 75.5 | 60.6 | 62.6 | 57.3 | 50.4 | 65.6 | 78.8 | 90.8 | 94.7 | 99.7 |
| Hampshire Tertiaries | 86.1 | 59.2 | 67.0 | 50.4 | 56.8 | 52.8 | 44.5 | 58.7 | 69.6 | 78.8 | 83.4 | 88.7 |
| Lymington | 88.5 | 61.2 | 68.5 | 51.5 | 57.9 | 54.3 | 43.4 | 59.3 | 71.0 | 83.0 | 86.8 | 91.8 |
| Sussex Coast | 76.6 | 51.3 | 60.7 | 50.2 | 50.2 | 47.7 | 41.9 | 53.0 | 63.7 | 77.2 | 80.8 | 78.9 |
| Arun | 85.5 | 55.1 | 65.5 | 56.5 | 58.5 | 55.6 | 47.2 | 59.4 | 72.4 | 80.5 | 83.9 | 86.9 |
| Adur | 84.8 | 55.1 | 63.8 | 55.3 | 56.2 | 55.6 | 46.0 | 59.6 | 71.5 | 85.7 | 88.8 | 86.0 |
| Ouse | 86.6 | 56.4 | 64.0 | 54.4 | 54.0 | 58.6 | 48.7 | 60.0 | 72.5 | 89.1 | 92.9 | 87.6 |
| Cuckmere | 84.8 | 55.2 | 61.8 | 51.2 | 50.1 | 57.5 | 48.5 | 59.8 | 71.5 | 90.8 | 93.7 | 85.0 |
| Pevensey <br> Levels | 82.2 | 54.0 | 60.9 | 50.6 | 47.5 | 52.2 | 47.3 | 55.6 | 68.5 | 88.1 | 93.6 | 82.0 |
| SSD Average | 87.3 | 58.0 | 66.9 | 53.9 | 55.6 | 55.2 | 47.2 | 60.0 | 71.8 | 85.3 | 89.6 | 88.8 |

