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

## Summary - May 2024

Solent and South Downs (SSD) had above average rainfall in May, receiving 138\% (77mm) of the long term average (LTA) rainfall ( 55.6 mm ). Monthly mean river flows across SSD ranged from normal to exceptionally high. End of month groundwater levels ranged from above normal to exceptionally high. Soils across SSD ended the month wetter than the average for May. 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 May, receiving $138 \%$ ( 77 mm ) of the LTA ( 55.6 mm ).
The highest rainfall, 36.6 mm , was measured at Ringmer (Ouse) on 5 May. The most wide spread distribution of rain of the month was on 13 May with about $18 \%$ of the month total across the area. Five days ( $1,5,6,13$ and 25 May) accounted for over $60 \%$ of the month total rainfall. There was a dry period between 7 and 12 of May, when less than $1 \%$ of the month total rainfall was recorded.

During the last 4 month period, between February and May, SSD area and 13 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
- Arun
- Adur
- Ouse
- Cuckmere

While Pevensey Level recorded the third highest rainfall totals in the last 4 month.
The last 12 months and 17 months periods were also the wettest on record for SSD area, since 1871.

The last 6 months, 9 months, 15 months and 18 months periods were the second wettest on record for SSD area, since 1871.

### 1.2 Soil moisture deficit and recharge

Soils across SSD ended the month wetter than the average for May.

### 1.3 River flows

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

- River Cuckmere at Cowbeech

Flows were above normal:

- River Lymington at Brockenhurst

Flows were notably high:

- River Wallington at North Fareham
- River Rother at Iping Mill
- River Arun at Alfoldean

Flows were exceptionally high:

- River Test at Chilbolton
- River Test at Broadlands
- River Itchen at Allbrook\&Highbridge
- River Meon at Mislingford
- River Adur at Sakeham
- River Ouse at Goldbridge

The recorded data for River Medina at Blackwater were incomplete.
The monthly mean flows were the highest on record at Allbrook\&Highbridge (Itchen), at Chilbolton (Test), at Sakeham (Adur) and at Goldbridge (Ouse) since 1959,1960,1989,1967, respectively.

The monthly mean flows for May were the second highest for River Meon at Mislingford since 1958. Also, the monthly mean flows were the third highest for River Test at Broadlands and for river Wallington at North Fareham, since 1958 and 1976.

### 1.4 Groundwater levels

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

- Carisbrooke Castle (Isle of Wight)
- Beeding Hill (West Sussex Chalk)
- Cornish Farm (East Sussex Chalk)

Groundwater levels were notably high at:

- Harting Common (Western Rother Greensand)
- Chilgrove (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)

Groundwater levels for May were the second highest on record at Clanville Gate, Lopcombe Corner and West Meon, since 1966, 1963 and 1986, respectively. The groundwater levels were the third highest on record at Youngwoods Copse and at Preston Candover since 1978 and 1975.

### 1.5 Reservoir stocks

End of month reservoir stocks were both above average. Ardingly Reservoir (Ouse) was at 98.5\% of total capacity (LTA 97\%) and Arlington Reservoir (Cuckmere) was at 94.9\% of total capacity (LTA 93.21\%).

### 1.6 Environmental impact

In the middle of May one licence restrictions came into force on the river Meon, this is a reduced abstraction rates restriction, not a hands off flow.

There were 7 Flood Alerts issued in May. All in Sussex and all fluvial.
There were 3 Flood Warnings issued in May. All in Sussex and all fluvial.

## Author: HydrologySSD@environment-agency.gov.uk<Enter Authors email address>

Contact Details: 03708506506
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## 2. Rainfall

### 2.1 Rainfall map

Figure 2.1: Total rainfall for hydrological areas for the current month (up to 31 May 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.


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 May 2024, expressed as a percentage of the respective long term average and classed relative to an analysis of historic May monthly means. Table available in the appendices with detailed information.


There was no data available for River Medina at Blackwater.
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## 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.

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






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.

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





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


CARISBROOKE CASTLE GWL - CHALK
Ranking derived from data for the period Aug-1977 to Dec-2022


Source: Environment Agency, 2024.

## 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)



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.


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 |
|  | Latest data |  |  |

CHILGROVE HOUSE GWL - CHALK
Ranking derived from data for the period Feb-1836 to Dec-2022


HARTING COMMON (DOWN) GWL - LGS
Ranking derived from data for the period Jan-1984 to Dec-2022


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.
$\square$ Long term average rainfall (mm)

Pevensey Levels - Rainfall


Pevensey Levels - 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 |  |
| :--- | :--- | :--- | :--- |
| Below normal | Notably low | Exceptionally low | Normal |





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


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.

(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 Area | Rainfall (mm) <br> 30 day <br> Total | Rainfall May as \%LTA | Effective <br> Rainfall <br> (mm) <br> 30 day <br> Total | Effective <br> Rainfall <br> May as <br> \%LTA | Soil <br> Moisture <br> Deficit <br> (SMD) <br> Day 30 | SMD End of May LTA |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Test Chalk | 75.9 | 129\% | 10.9 | 125\% | 19 | 39 |
| East Hampshire Chalk | 81.2 | 131\% | 15.4 | 137\% | 17 | 37 |
| West Sussex Chalk | 77.7 | 131\% | 13.5 | 112\% | 17 | 34 |
| East Sussex Chalk | 93.6 | 182\% | 28.4 | 344\% | 17 | 37 |
| Isle of Wight | 69.3 | 130\% | 10.4 | 142\% | 30 | 42 |
| Western Rother Greensand | 75.4 | 120\% | 10.7 | 80\% | 18 | 35 |
| Hampshire Tertiaries | 73.9 | 130\% | 9.7 | 232\% | 24 | 40 |
| Lymington | 77.2 | 133\% | 11.1 | 192\% | 19 | 37 |
| Sussex Coast | 66.8 | 133\% | 9.1 | 280\% | 31 | 41 |
| Arun | 68.4 | 117\% | 11.4 | 121\% | 26 | 34 |
| Adur | 77.8 | 138\% | 17.7 | 203\% | 21 | 34 |
| Ouse | 94.0 | 174\% | 28.1 | 366\% | 14 | 34 |
| Cuckmere | 85.4 | 170\% | 12.1 | 229\% | 8 | 34 |
| Pevensey Levels | 61.5 | 130\% | 0.0 | 0\% | 28 | 37 |
| SSD <br> Average | 77.0 | 138\% | 13.5 | 173\% | 21 | 37 |

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

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

| Hydrological <br> Area | Seasonal Rainfall (mm) <br> Total | Seasonal Rainfall as \% LTA | Seasonal Effective Rainfall (mm) <br> Total | Seasonal Effective Rainfall as \% LTA |
| :---: | :---: | :---: | :---: | :---: |
| Test Chalk | 154.8 | 140\% | 41.0 | 174\% |
| East Hampshire Chalk | 166.6 | 141\% | 52.3 | 182\% |
| West Sussex Chalk | 169.6 | 142\% | 59.2 | 173\% |
| East Sussex Chalk | 169.4 | 161\% | 55.0 | 222\% |
| Isle of Wight | 164.3 | 156\% | 54.9 | 249\% |
| Western Rother Greensand | 176.8 | 143\% | 64.8 | 187\% |
| Hampshire Tertiaries | 155.8 | 145\% | 39.7 | 268\% |
| Lymington | 157.9 | 144\% | 41.8 | 228\% |
| Sussex Coast | 138.7 | 138\% | 30.8 | 202\% |
| Arun | 155.9 | 136\% | 49.5 | 193\% |
| Adur | 165.2 | 148\% | 56.9 | 228\% |
| Ouse | 175.5 | 162\% | 61.5 | 265\% |
| Cuckmere | 148.4 | 147\% | 29.4 | 161\% |
| Pevensey Levels | 121.7 | 124\% | 15.8 | 104\% |
| SSD Average | 158.6 | 145\% | 46.6 | 202\% |

### 10.3 Rainfall banding table

| Hydrological area | May 2024 band | March 2024 to May 2024 cumulative band | December 2023 to May 2024 cumulative band | June 2023 to May 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 | Above normal | Exceptionally high | Exceptionally high | Exceptionally high |
| East Sussex Chalk | Notably high | Exceptionally high | Exceptionally high | Exceptionally high |
| Isle of Wight | Above normal | Exceptionally high | Exceptionally high | Exceptionally high |
| Western Rother Greensand | Above normal | 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 normal | Exceptionally high | Exceptionally high | Exceptionally high |
| Arun | Above normal | Exceptionally high | Exceptionally high | Exceptionally high |
| Adur | Above normal | Exceptionally high | Exceptionally high | Exceptionally high |
| Ouse | Notably high | Exceptionally high | Exceptionally high | Exceptionally high |
| Cuckmere | Notably high | Notably high | Exceptionally high | Exceptionally high |
| Pevensey Levels | Above normal | Notably high | Notably high | Exceptionally high |

### 10.4 River flows table

| Site name | River | Catchment | May 2024 band | April 2024 band |
| :---: | :---: | :---: | :---: | :---: |
| Alfoldean Gs | Arun | Arun | Notably high | Above normal |
| Allbrook Gs+ Highbridge | Itchen (so) | Itchen | Exceptionally high | Exceptionally high |
| Blackwater | Medina | Isle of Wight | No data | No data |
| Broadlands | Test | Test Lower | Exceptionally high | Exceptionally high |
| Brockenhurst GS | Lymington | New Forest | Above normal | Above normal |
| Chilbolton GS | Test | Test Upper | Exceptionally high | Exceptionally high |
| Cowbeech Gs | Cuckmere | Cuckmere | Normal | Above normal |
| Goldbridge Gs | Ouse [so] | Ouse Sussex | Exceptionally high | Notably high |
| Iping Mill Gs | Rother | West Rother | Notably high | Exceptionally high |
| Mislingford GS | Meon | Meon | Exceptionally high | Exceptionally high |
| North Fareham GS | Wallington | Wallington | Notably high | Exceptionally high |
| Sakeham GS | Adur | Adur | Exceptionally high | Exceptionally high |

### 10.5 Groundwater table

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

### 10.6 Abstraction licence flow constraints

| Number of flow constraints in force between 1 to 6 May 2024 | Number of flow constraints in force between 7 to 13 May 2024 | Number of flow constraints in force between 14 to 20 May 2024 | Number of flow constraints in force between 21 to 27 May 2024 | Number of flow constraints in force between 28 to 31 May 2024 |
| :---: | :---: | :---: | :---: | :---: |
| 0 | 0 | 1 | 1 | 1 |

This is a reduced abstraction rates restriction, not a hands off flow.

### 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 LTA mm | Mar <br> LTA <br> mm | Apr LTA mm | May LTA mm | Jun LTA mm | Jul LTA mm | Aug LTA mm | Sep <br> LTA <br> mm | Oct <br> LTA <br> mm | Nov LTA mm | Dec LTA 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 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 |

