St Margaret’s at Cliffe is a small settlement along the South Foreland Heritage Coast. It is located at the heart of The White Cliffs of Dover National Trust Site. The beach is characterised by a 540m stretch of timber groyned shingle beach with sand at the toe and part of the foreshore. A chalk platform is present for much of the foreshore.

**Survey outcome:**

There are no design levels for St Margaret’s at Cliffe.

<table>
<thead>
<tr>
<th>Survey type</th>
<th>Survey dates</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring to Spring</td>
<td>23/02/2017 to 15/06/2018</td>
<td>Significant erosion on two of the three profiles. The largest loss for this reporting period was on Profile 4c00565, losing 17m² (21%).</td>
</tr>
<tr>
<td>Baseline to Spring</td>
<td>27/08/2003 to 15/06/2018</td>
<td>Erosion is the long term trend for this unit; all three profiles lost at least 8% of their CSA. The largest loss is shown on Profile 4c00573, which lost 29m² (29%). All profiles are close to the lowest CSA values recorded since 2003.</td>
</tr>
<tr>
<td>Summer to Spring</td>
<td>06/07/2017 to 15/06/2018</td>
<td>Erosion throughout the unit, with the largest loss on the most northerly Profile 4b00565, losing 26m² (29%).</td>
</tr>
</tbody>
</table>
Current and Historic Beach Cross-Sectional Areas (m²) based on a datum of -1.5 mOD

Design Standard = 1:200 years
South East Regional Coastal Monitoring Programme
Profile Change Summary for Baseline 2003 to Spring 2018

Annual Change in Cross-Sectional Area (m²)

- >30%
- 15-30%
- 5-15%
- <5% (no change)

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South East Regional Coastal Monitoring Programme
Profile Change Summary for Summer 2017 to Spring 2018

Annual Change in Cross-Sectional Area (m²)

- >30%
- 15-30%
- 5-15%
- Less than 5% (no change)
Interim Report - Appendix A: Explanation of the Historic Summary Chart

The historic changes in Cross-Sectional Area (CSA) for each profile are summarised by identifying the historic highest and lowest CSA alongside the current CSA for each profile:

FIGURE A1: PRESENTATION OF STANDARD OF PROTECTION AND TRIGGER LEVELS
(A) HISTORIC VARIATION OF BEACH LEVELS (CSA)
(B) SUMMARY OF DATA, PINK BAR – CURRENT BEACH LEVEL, BLACK BARS – HISTORIC HIGH AND LOW
Appendix B: Profile Change Summary

Changes along individual profiles for a range of timeframes are summarised in a series of thematic maps on the previous pages. The maps show the location of each beach profile, superimposed on aerial photography (note the lines have been extended for clarity). The name of the profile, the percentage change of beach material and the change in m² has been including upon the line, which is illustrated in Figure A1.

FIGURE A1: PRESENTATION OF THE PROFILE CHANGE SUMMARY