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The kingdoms and the principal sites and towns of southern Britain, c. 600, including places mentioned in Chapter 4. Note that it is uncertain whether Middle Anglia ever existed as more than a description of an area; and it is possible that in the early period there were kingdoms and sub-kingdoms of which we know nothing. The so-called heptarchy comprised East Anglia, Essex, Kent, Mercia, Northumbria (combining Bernicia and Deira), Sussex, and Wessex.

Published as Illustration 50 in J. Campbell (ed.), *The Anglo-Saxons* (Harmondsworth, 1982), p. 52.

Illustration 1

Original in Colour
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Rollason's "Heartland" of Deira

MAP 4 Map of the Deiran heartland

Published as 'Map 4' in D.W. Rollason, Northumbria, 500 – 1100: The Creation and Destruction of a Kingdom (Cambridge, 2003), p. 46.

Illustration 3 Original in Colour
Topography of Deira

Figure 1 Location plan of Beverley. Land over 61m (200ft) is shown in tone

Countryside Information System Sample Dataset Map:
Cereal Crop Cultivation in 1000s ha/sq km

Illustration 5   Original in Colour
Produced by John Naylor as part of the VASLE project, under the direction of Prof. J. Richards, Centre for Medieval Studies, University of York.
Published in D.M. Metcalf, 'Variations in the Composition of the Currency at Different Places in England', in T. Pestell and K. Ulmschneider (eds.), *Markets in Early Medieval Europe: Trading and "Productive" Sites, 650–850* (Macclesfield, 2003) as Figure 4.1, p. 41.

Illustration 7  Original in Colour
Total FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, illegible) (737-867) - Deira View

Values of Areas
- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Northumbrian FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, illegible) (737-867) - Deira View

Values of Areas

<table>
<thead>
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<th>Color</th>
<th>Value</th>
</tr>
</thead>
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<tr>
<td>Light</td>
<td>0 - 1</td>
</tr>
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<td>1 - 2</td>
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<tr>
<td>Red</td>
<td>75 - 100</td>
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<tr>
<td>Grey</td>
<td>No Data</td>
</tr>
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</table>

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RCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, illegible) (737-867) - Deira View

Values of Areas

- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Rulers: Dates and Numbers of Single Coin-Finds with Known Find-Spots in the EMC

<table>
<thead>
<tr>
<th>Ruler</th>
<th>Dates</th>
<th>Numbers of Coins with Known Find-Spots</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kings</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aldfrith</td>
<td>685–704</td>
<td>17</td>
</tr>
<tr>
<td>Eadberht</td>
<td>737–758</td>
<td>120</td>
</tr>
<tr>
<td>Alhred</td>
<td>765–774</td>
<td>15</td>
</tr>
<tr>
<td>Æthelred I (1st reign)</td>
<td>774–778</td>
<td>6 (no named moneyer)</td>
</tr>
<tr>
<td>Ælfwald I</td>
<td>778–788</td>
<td>10</td>
</tr>
<tr>
<td>Æthelred I (2nd reign)</td>
<td>790–796</td>
<td>53 (moneyer – reverse)</td>
</tr>
<tr>
<td>Eardwulf</td>
<td>796–806</td>
<td>2</td>
</tr>
<tr>
<td>Ælfwald II</td>
<td>806–808</td>
<td>9</td>
</tr>
<tr>
<td>Eanred</td>
<td>810–840</td>
<td>199</td>
</tr>
<tr>
<td>Æthelred II</td>
<td>1st/2nd reign</td>
<td>175</td>
</tr>
<tr>
<td>Æthelred II (1st reign)</td>
<td>840–844</td>
<td>121</td>
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<tr>
<td>Redwulf</td>
<td>844–844</td>
<td>13</td>
</tr>
<tr>
<td>Æthelred II (2nd reign)</td>
<td>844–848</td>
<td>65</td>
</tr>
<tr>
<td>Osberht</td>
<td>848–867</td>
<td>30</td>
</tr>
<tr>
<td>Anon mid 9th</td>
<td>850–867</td>
<td>197</td>
</tr>
<tr>
<td>Anon illegible</td>
<td>737–867</td>
<td>93</td>
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<tr>
<td>Archbishops</td>
<td></td>
<td></td>
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<td>Ecgberht</td>
<td>732–766</td>
<td>45</td>
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<td>Eanbald I</td>
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<td>83</td>
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<tr>
<td>Wulfhere</td>
<td>854–900</td>
<td>12</td>
</tr>
</tbody>
</table>

Illustration 11  Original in Colour
Simple Distribution For EMC Search:
Silver Coins Issued By
The Kings Of Northumbria

Number of Single Coin-Finds

- **1**
- **2-4**
- **5-14**
- **15+**

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Illustration 12   Original in Colour
Simple Distribution For EMC Search:
Styca Coins Issued By
The Kings Of Northumbria

Number of Single Coin-Finds

- 1
- 2-4
- 5-14
- 15+

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Illustration 13  Original in Colour
Simple Distribution For EMC Search:
Coins Issued By
Non-Northumbrian Authorities

Number of Single Coin-Finds

- x 1
- o 2-4
- o 5-14
- o 15+

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Illustration 14  Original in Colour
Simple Distribution For EMC Search: Silver Coins Issued By The Kings Of Northumbria - Deira View

Illustration 15 Original in Colour
Illustration 16
Original in Colour

Simple Distribution For EMC Search: Styca Coins Issued By The Kings Of Northumbria - Deira View

Number of Single Coin-Finds

- 1
- 2-4
- 5-14
- 15+

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Simple Distribution For EMC Search: Coins Issued By Non-Northumbrian Authorities - Deira View

Number of Single Coin-Finds
- ×: 1
- ●: 2-4
- ○: 5-14
- ■: 15+

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RCD Analysis For EMC Search:
Silver Coins Issued By
The Kings Of Northumbria

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Illustration 18 Original in Colour
RCD Analysis For EMC Search: Styca Coins Issued By The Kings Of Northumbria

Values of Areas

- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100

No Data

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Illustration 19 Original in Colour
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RCD Analysis For EMC Search: Styca Coins Issued By The Kings Of Northumbria - Deira View

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Total FCD Analysis For EMC Search: Silver Coins Issued By The Kings Of Northumbria

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

Sample Circle Size

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Illustration 24 Original in Colour
Total FCD Analysis For EMC Search:
Styca Coins Issued By
The Kings Of Northumbria

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 25  Original in Colour
Total FCD Analysis For EMC Search:
Coins Issued By
Non-Northumbrian Authorities

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Illustration 26 Original in Colour
Total FCD Analysis For EMC Search: Silver Coins Issued By The Kings Of Northumbria - Deira View

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Total FCD Analysis For EMC Search: Styca Coins Issued By The Kings Of Northumbria - Deira View

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Total FCD Analysis For EMC Search: Coins Issued By Non-Northumbrian Authorities - Deira View

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Northumbrian FCD Analysis For EMC Search: Silver Coins Issued By The Kings Of Northumbria

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 30 Original in Colour
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Illustration 31  Original in Colour
Northumbrian FCD Analysis For EMC Search: Styca Coins Issued By The Kings Of Northumbria - Deira View

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Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Aldfrith (685-704)

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Illustration 34  Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Eadberht (737-758)

Number of Single Coin-Finds
- ⨯ 1
- ⋄ 2-4
- ⋄ 5-14
- ⋄ 15+

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Illustration 35   Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Aldfrith (685-704)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 36  Original in Colour
Simple Distribution For EMC Search: State - Northumbria (600-867)
Ruler - Aldfrith (685-704) - Deira View

Number of Single Coin-Finds

- x: 1
- : 2-4
- .: 5-14
- .: 15+

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Northumbrian FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Aldfrith (685-704) - Deira View

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Total FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Aldfrith (685-704) - Deira View

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Eadberht (737-758)

Values of Areas
- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 40 Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Eadberht (737-758)

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Illustration 41 Original in Colour
RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Alhred (765-774)

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RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Aethelred I (1st reign) (774-778)

Values of Areas

- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

Sample Circle Size

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RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Aelfwald 1 (778-788)

Values of Areas

0.001 - 1
1 - 2
2 - 3
3 - 5
5 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 75
75 - 100
No Data

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Illustration 44  Original in Colour  50
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Alhred (765-774)

Number of Single Coin-Finds

- 1
- 2-4
- 5-14
- 15+

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Illustration 45  Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Aethelred I (1st reign) (774-778)

Number of Single Coin-Finds

- 1
- 2-4
- 5-14
- 15+

Illustration 46  Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Ælfwald I (778-788)

Number of Single Coin-Finds

- 1
- 2-4
- 5-14
- 15+

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Illustration 47
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Aethelred I (2nd reign) (790-796)

Number of Single Coin-Finds

- Cross: 1
- Circle: 2-4
- Double Circle: 5-14
- Tri-circle: 15+

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Illustration 48 Original in Colour
The coastline shown on this map is based on copyright digital map data owned and supplied by HarperCollinsCartographic and is used with permission.
Total FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Aethelred I (2nd reign) (790-796)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 50 Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Aethelred I (2nd reign) (790-796)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 51  Original in Colour
Simple Distribution For EMC Search: State - Northumbria (600-867)
Ruler - Eardulf (796-806) - Deira View

Illustration 52
Original in Colour
Simple Distribution For EMC Search: State - Northumbria (600-867)
Ruler - Aelfwald II (806-808) - Deira View

Number of Single Coin-Finds

- × 1
- ○ 2-4
- ● 5-14
- ● 15+

Illustration 53
Original in Colour

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Northumbrian FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Eardwulf (796-806) - Deira View

Values of Areas
- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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RCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Eardwulf (796-806) - Deira View

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The coastline and rivers shown on this map is based on copyright digital map data owned and supplied by HarperCollinsCartographic and is used with permission.
Total FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Eanred (810-840) - Deira View

Values of Areas
- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Northumbrian FCD Analysis For EMC Search: State - Northumbria (600-867)
Ruler - Eanred (810-840) - Deira View

Values of Areas

0
0 - 1
1 - 2
2 - 3
3 - 5
5 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 75
75 - 100
No Data

Sample Circle Size

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Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Eanred (810-840)

Values of Areas

- 0
- 0-1
- 1-2
- 2-3
- 3-5
- 5-10
- 10-20
- 20-30
- 30-40
- 40-50
- 50-75
- 75-100
- No Data

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Illustration 60 Original in Colour
RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Eanred (810-840)

Values of Areas
0.001 - 1
1 - 2
2 - 3
3 - 5
5 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 75
75 - 100
No Data

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Illustration 61  Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Redwulf (844-844)

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Illustration 62  Original in Colour
RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Redwulf (844-844)

Values of Areas

- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 63  Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Redwulf (844-844)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 64 Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, mid-9c) (850-867)

Number of Single Coin-Finds

- × 1
- ● 2-4
- ● 5-14
- ● 15+

Illustration 65
Original in Colour
RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, mid-9c) (850-867)

Values of Areas
- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 66  Original in Colour
Total FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, mid-9c) (850-867)

Values of Areas

<table>
<thead>
<tr>
<th>Interval</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Lightest</td>
</tr>
<tr>
<td>0 - 1</td>
<td>Light</td>
</tr>
<tr>
<td>1 - 2</td>
<td>Medium</td>
</tr>
<tr>
<td>2 - 3</td>
<td>Medium-Dark</td>
</tr>
<tr>
<td>3 - 5</td>
<td>Dark</td>
</tr>
<tr>
<td>5 - 10</td>
<td>Dark-Dark</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Very-Dark</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Dark-Very-Dark</td>
</tr>
<tr>
<td>30 - 40</td>
<td>Brown</td>
</tr>
<tr>
<td>40 - 50</td>
<td>Brown-Very-Dark</td>
</tr>
<tr>
<td>50 - 75</td>
<td>Red</td>
</tr>
<tr>
<td>75 - 100</td>
<td>Red-Very-Dark</td>
</tr>
<tr>
<td>No Data</td>
<td>Grey</td>
</tr>
</tbody>
</table>

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Northumbrian FCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Anon. (Northumbrian, mid-9c) (850-867)

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Illustration 68 Original in Colour
Simple Distribution For EMC Search:
State - Northumbria (600-867)
Ruler - Osberht (848-867)

<table>
<thead>
<tr>
<th>Number of Single Coin-Finds</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>x</td>
<td>1</td>
</tr>
<tr>
<td>.</td>
<td>2-4</td>
</tr>
<tr>
<td>.</td>
<td>5-14</td>
</tr>
<tr>
<td>.</td>
<td>15+</td>
</tr>
</tbody>
</table>

Illustration 69  Original in Colour
RCD Analysis For EMC Search:
State - Northumbria (600-867)
Ruler - Osberht (848-867)

Values of Areas

No Data

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Illustration 70 Original in Colour
Simple Distribution For EMC Search:
State - Diocese Of York (732-900)
Ruler - Ecgberht (732-766)

Number of Single Coin-Finds
- 1
- 2-4
- 5-14
- 15+

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Illustration 71  Original in Colour
RCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Ecgberht (732-766)

Values of Areas

<table>
<thead>
<tr>
<th>Value Range</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.001 - 1</td>
<td>Light Purple</td>
</tr>
<tr>
<td>1 - 2</td>
<td>Blue</td>
</tr>
<tr>
<td>2 - 3</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>3 - 5</td>
<td>Darker Blue</td>
</tr>
<tr>
<td>5 - 10</td>
<td>Lighter Blue</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Light Blue</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Light Yellow</td>
</tr>
<tr>
<td>30 - 40</td>
<td>Yellow</td>
</tr>
<tr>
<td>40 - 50</td>
<td>Light Orange</td>
</tr>
<tr>
<td>50 - 75</td>
<td>Orange</td>
</tr>
<tr>
<td>75 - 100</td>
<td>Red</td>
</tr>
<tr>
<td>No Data</td>
<td>White</td>
</tr>
</tbody>
</table>

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Illustration 72  Original in Colour
Total FCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Ecgberht (732-766)

Values of Areas

<table>
<thead>
<tr>
<th>Range</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Light Grey</td>
</tr>
<tr>
<td>0-1</td>
<td>Light Blue</td>
</tr>
<tr>
<td>1-2</td>
<td>Blue</td>
</tr>
<tr>
<td>2-3</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>3-5</td>
<td>Green</td>
</tr>
<tr>
<td>5-10</td>
<td>Light Green</td>
</tr>
<tr>
<td>10-20</td>
<td>Green</td>
</tr>
<tr>
<td>20-30</td>
<td>Light Orange</td>
</tr>
<tr>
<td>30-40</td>
<td>Orange</td>
</tr>
<tr>
<td>40-50</td>
<td>Red</td>
</tr>
<tr>
<td>50-75</td>
<td>Light Red</td>
</tr>
<tr>
<td>75-100</td>
<td>Red</td>
</tr>
<tr>
<td>No Data</td>
<td>Grey</td>
</tr>
</tbody>
</table>

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Illustration 73  Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Ecgberht (732-766)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Simple Distribution For EMC Search:
State - Diocese Of York (732-900)
Ruler - Wigmund (837-854)

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Illustration 75  Original in Colour
RCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Wigmund (837-854)

Values of Areas
- 0.001 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 76
Original in Colour
Total FCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Wigmund (837-854)

Values of Areas

- 0
- 0 - 1
- 1 - 2
- 2 - 3
- 3 - 5
- 5 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 75
- 75 - 100
- No Data

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Illustration 77 Original in Colour
Northumbrian FCD Analysis For EMC Search:
State - Diocese Of York (732-900)
Ruler - Wigmund (837-854)

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Illustration 78  Original in Colour