

# Berrow Flats, Somerset

Record ID 481

## Authors

McDonnell, R.

## Year

1996

## Location description

## Deposit location

## Deposit description

Many peat/submerged forest exposures.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

No

## Notes

Referred to in NMR report on Stolford (ST 24 NW 12 (975506)).

## Bibliographic reference

McDonnell, R. 1996 'Minehead sea defences scheme G7606 Environmental report', Environment Agency.

# Blackstone Rocks, Somerset

Record ID 652

## Authors

Druce, D.

## Year

2000

## Location description

## Deposit location

[c. ST 383 702]

## Deposit description

Peat exposure.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

No

## Notes

Referred to on pg 26.

## Bibliographic reference

Druce, D. 2000 'Mesolithic to Romano-British archaeology and environmental change of the Severn Estuary, England', Unpublished PhD thesis, University of Bristol.

# Blue Anchor Bay, Somerset

Record ID 60

## Authors

Bell, M.

## Year

1997

## Location description

## Deposit location

[c. ST 010 448]

## Deposit description

Intertidal peat (alder-carr woodland)

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

Yes

## Notes

[recorded as Bell, 1990]. See Kerney (1976).

## 14C details

ID 26

## Laboratory code

## Sample location

## Depth of sample

## Dated sample description

## Age (uncal)

## Age (cal)

## Delta 13C

c. 5600 cal BC

## Notes

## Bibliographic reference

Bell, M. 1997 'Environmental archaeology in the coastal zone' in 'England's coastal heritage. A survey for English Heritage and the RCHME', (ed.s) Fulford, M., Champion, T. and Long, A., 56-73, English Heritage. Archaeological report 15.

# Brean Down, Somerset

**Record ID** 59

**Authors**

Bell, M.

**Year**

1990

**Location description**

Long way from sea wall

**Deposit location**

ST 2914 5846

**Deposit description**

Intertidal peat covered by sandy silt. Freshwater reed (Phragmites) peat c. 0.18 m thick. Exposed Feb 1987 527 m west of the sea wall, 400 m south of the limestone cliff.

**Deposit stratigraphy**

Peat overlies blue silty clay at least to -2.3m OD.

**Associated artefacts**

**Early work**

**Sample method**

Peat block cut.

**Depth of deposit**

Base of peat -0.15 m OD

**14C ages available**

Yes

**Notes**

Peat formed under freshwater conditions with occasional maine inundation.

**14C details**

**ID** 25

**Laboratory code** HAR-8546

**Sample location**

**Depth of sample**

**Dated sample description**

Very base of peat

**Age (uncal)**

5620 ± 100 BP

**Age (cal)**

c. 4450 cal BC

**Delta 13C**

**Notes**

**Bibliographic reference**

Bell, M. 1990 'Brean Down excavations 1983-1987', English Heritage Archaeological Report 15.

# Brean Down, Somerset

Record ID 173

## Authors

Bell, M.

## Year

1990

## Location description

## Deposit location

## Deposit description

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

Yes

## Notes

## 14C details

ID 113

Laboratory code HAR-8546

## Sample location

## Depth of sample

## Dated sample description

-0.15 m OD

## Age (uncal)

5620 ± 100

## Age (cal)

4730-4250 cal BC

## Delta 13C

## Notes

## Bibliographic reference

Bell, M. 1990 'Brean Down excavations 1983-1987', English Heritage Archaeological Report 15.

## Brean Down, Somerset

Record ID 180

### Authors

Heyworth, A. and Kidson, C.

### Year

1982

### Location description

### Deposit location

### Deposit description

### Deposit stratigraphy

### Associated artefacts

### Early work

### Sample method

### Depth of deposit

### 14C ages available

Yes

### Notes

Heyworth and Kidson (1982) referred to in Druce (1988)

### 14C details

ID 117

Laboratory code HAR-8546

### Sample location

### Depth of sample

### Dated sample description

-0.15 m OD

### Age (uncal)

### Age (cal)

### Delta 13C

5620 ± 100 14C BP

### Notes

### Bibliographic reference

Heyworth, A. and Kidson, C. 1982 'Sea-level changes in south-west England and Wales', Proceedings of the Geologists Association, 93, 91-111.

# Bridgwater Bay, Somerset

**Record ID** 182

**Authors**

Buckley, J. and Willis, E

**Year**

1969

**Location description**

**Deposit location**

**Deposit description**

Peats. All early Atlantic ages.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**<sup>14</sup>C ages available**

Yes

**Notes**

Buckley and Willis (1969) (pg64) referred to in Hawkins (1971)

**<sup>14</sup>C details**

**ID** 120

**Laboratory code** I-2,690

**Sample location**

**Depth of sample**

**Dated sample description**

-9.1 m OD

**Age (uncal)**

7360 ± 140 BP

**Age (cal)**

**Delta <sup>13</sup>C**

**Notes**

**ID** 121

**Laboratory code** I-2,688

**Sample location**

**Depth of sample**

**Dated sample description**

-7.6 m OD

**Age (uncal)**

**Age (cal)**

**Delta 13C**

7060 ± 160 BP

**Notes**

**ID** 122

**Laboratory code** I-2,689

**Sample location**

**Depth of sample**

**Dated sample description**

-6.1 m OD

**Age (uncal)**

**Age (cal)**

**Delta 13C**

6890 ± 120 BP

**Notes**

**Bibliographic reference**

Buckley, J. and Willis, E 1969 'Isotope's radiocarbon measurements VII', Radiocarbon, 11 (1), 53-105.

# Burnham [-on-Sea], Somerset

Record ID 206

## Authors

Godwin, H. and Willis, E.

## Year

1959

## Location description

## Deposit location

ST 304 490

## Deposit description

Clayey Phragmites peat bed, thought to have formed in brackish water.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

-15 ft OD (-4.6 m OD)

## <sup>14</sup>C ages available

Yes

## Notes

Deposits are not shown to be part of a continuous halosere. Pollen - high Chenopodiaceae. Godwin and Willis (1959) (pg 68) referred to in Churchill (1965).

## <sup>14</sup>C details

ID 163

Laboratory code Q-134

## Sample location

## Depth of sample

ST 304 490

## Dated sample description

-15 ft OD [-4.57 m OD]

## Age (uncal)

6262 ± 130 BP

## Age (cal)

## Delta 13C

## Notes

## Bibliographic reference

Godwin, H. and Willis, E. 1959 'Cambridge University Natural Radiocarbon Measurements I', Radiocarbon, 1, 63-75.

# Burnham-on-Sea, Somerset

Record ID 172

## Authors

Druce, D.

## Year

1998

## Location description

c. 160 m out from sea wall

## Deposit location

ST 3006 4855

## Deposit description

Three peat layers intercalated with silt, in intertidal area.

## Deposit stratigraphy

Layer B: 0.01 m thick, Layer C: 0.02 m thick. B and C separated by c.0.09 m organic silt. Layer A: c.0.165 m of peat.

## Associated artefacts

## Early work

Exposed after storm in Oct 1996. Found by the harbour master.

## Sample method

Monolith

## Depth of deposit

-0.01 m to -0.175 m OD (silty peat); -2.89 m to 2.90 m OD (humified peat); -3.10 m to -3.12 m OD (silty humified peat).

## 14C ages available

Yes

## Notes

Linked to peat layers further inland. Also see Druce (2000).

## 14C details

ID 109

Laboratory code Wk 5300

## Sample location

ST 3006 4855

## Depth of sample

-0.01 m OD

## Dated sample description

Top of upper peat (layer A).

## Age (uncal)

4790 ± 70 BP

## Age (cal)

3780-3370 2 sigma (BC)

## Delta 13C

-30.6 ± 0.2

## Notes

Pollen - shift back to saline conditions. Macrofossils - suggest reed swamp at base changing to wet fen above. Positive sea-level tendency.

**ID** 110 **Laboratory code** Wk 5299

<b>Sample location</b>	<b>Depth of sample</b>	<b>Dated sample description</b>
ST 3006 4855	-0.17 m OD	Bottom of upper peat (layer A)

<b>Age (uncal)</b>	<b>Age (cal)</b>	<b>Delta 13C</b>
5370 ± 70 14C BP	4360-4000 2 sigma BC	-27.7 ± 0.2

#### **Notes**

Pollen - shift back to saline conditions. Negative sea-level tendency.

**ID** 111 **Laboratory code** Wk 5297

<b>Sample location</b>	<b>Depth of sample</b>	<b>Dated sample description</b>
ST 3006 4855	-2.89 m OD	Base of middle peat (layer B)

<b>Age (uncal)</b>	<b>Age (cal)</b>	<b>Delta 13C</b>
5590 ± 70 BP	4660-4340 2 sigma BC	-27.7±0.2

#### **Notes**

Pollen - freshwater environment. Negative sea-level tendency.

**ID** 112 **Laboratory code** Wk 5298

<b>Sample location</b>	<b>Depth of sample</b>	<b>Dated sample description</b>
ST 3006 4855	-3.10 m OD	Whole of lower peat (layer C)

<b>Age (uncal)</b>	<b>Age (cal)</b>	<b>Delta 13C</b>
6340 ± 70 BP	5440-5080 2 sigma BC	-27.6 ± 0.2

#### **Notes**

Pollen - brackish/freshwater conditions. Negative sea-level tendency.

#### **Bibliographic reference**

Druce, D. 1998 'Late Mesolithic to early Neolithic environmental change in the central Somerset Levels: recent work at Burnham-on-Sea', *Archaeology in the Severn Estuary*, 9, 17-30.

# Burnham-on-Sea, Somerset

Record ID 275

## Authors

Green, G.

## Year

1992

## Location description

Around Brent Knoll coast

## Deposit location

## Deposit description

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

## Subsite details

ID 49

## Location

## Depth

## Description

Peat layer with in situ tree stumps. Exposed at low tide along the coast. Max age obtained: 8,500 years (-20m OD) from Somerset Levels. peat layer extends on land, measured to -30m OD.

ID 50

## Location

## Depth

## Description

"OD peat" - brief colonisation by oak and pine forest. 5500 years ago.

## Bibliographic reference

Green, G. 1992 'British regional geology: Bristol and Gloucester region', British Geological Survey, HMSO: London.

# Burnham-on-Sea, Somerset

Record ID 450

## Authors

Godwin, H. and Willis, E.

## Year

1959

## Location description

## Deposit location

51deg14'N Lat, 3deg0'W Long  
[ST 30190 48771 converted]

## Deposit description

Clayey Phragmites peat.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

Dredging.

## Depth of deposit

## 14C ages available

Yes

## Notes

Pollen analysis suggests formation in brackish water conditions i.e. near to sea-level. Zone VIIa. Collected 1955 by EL Kelting, Somerset River Board, Bridgwater.

## 14C details

ID 318

Laboratory code Q-134

## Sample location

[ST 30190 48771]  
[converted]

## Depth of sample

-15 ft OD [-4.57 m OD]

## Dated sample description

Peat.

## Age (uncal)

6262 ± 130

## Age (cal)

## Delta 13C

## Notes

Borehole 2.

## Bibliographic reference

Godwin, H. and Willis, E. 1959 'Cambridge University Natural Radiocarbon Measurements I', Radiocarbon, 1, 63-75.

# Clevedon Pill, Somerset

Record ID 545

## Authors

Heyworth, A. and Kidson, C.

## Year

1982

## Location description

## Deposit location

ST 3878 7039

## Deposit description

Sea level index point.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

Yes

## Notes

Referred to in Heyworth and Kidson (1982).

## <sup>14</sup>C details

ID 374

Laboratory code St 3292

## Sample location

ST 3878 7039

## Depth of sample

-0.9 m OD

## Dated sample description

## Age (uncal)

5815 ± 115

## Age (cal)

## Delta 13C

## Notes

## Bibliographic reference

Heyworth, A. and Kidson, C. 1982 'Sea-level changes in south-west England and Wales', Proceedings of the Geologists Association, 93, 91-111.

# Gore Sand, Somerset

Record ID 290

## Authors

ADS

## Year

NONE

## Location description

Gore Sand and Stert Flats

## Deposit location

ST 22 47

## Deposit description

Uncertain submerged forest.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

No

## Notes

Record EHNMR-1322047 in ADS.

## Bibliographic reference

ADS NONE 'Archaeology Dataservice', <http://ads.ahds.ac.uk/>.

# Madbrain Sands, Somerset

Record ID 204

## Authors

ADS

## Year

NONE

## Location description

## Deposit location

SS 970 470; SS 990 460

## Deposit description

Submerged forest

## Deposit stratigraphy

## Associated artefacts

Mesolithic end scraper (SS 9873 4715)

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

record SOMSSMR\_25064 in ADS; end scraper record NMR\_NATINV-36727

## Bibliographic reference

ADS NONE 'Archaeology Dataservice', <http://ads.ahds.ac.uk/>.

# Minehead, Somerset

Record ID 311

## Authors

Edwards, R.

## Year

1999

## Location description

## Deposit location

## Deposit description

Submarine forest' low in the intertidal zone.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

c. -2 to -4 m OD

## <sup>14</sup>C ages available

No

## Notes

Also, de la Bech (1839) Pg 419; Godwin Austen (1865).

## Bibliographic reference

Edwards, R. 1999 'The Minehead district - a concise account of the geology', Memoir for 1:50,000 geological sheet 278 and part of sheet 294 (England and Wales), , 128pp.

# Minehead, Somerset

**Record ID** 312

**Authors**

Dennison, E.

**Year**

1985

**Location description**

**Deposit location**

**Deposit description**

Well preserved submerged forest and associated peat deposits: fallen tree trunks, tree boles with root systems.

**Deposit stratigraphy**

**Associated artefacts**

Planking and tree trunks laid directly on the peat in unnatural positions - deliberately placed? Formerly a stone pathway (now removed). Peatbed crossed by fish weirs.

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

No

**Notes**

Dennison (1985) Pg 22.

**Bibliographic reference**

Dennison, E. 1985 'Somerset Archaeology 1984-1985 (Medieval fish weirs)', Proceedings of the Somerset Archaeological and Natural History Society, 129, 20-22.

# Minehead, Somerset

**Record ID** 503

**Authors**

Boyd Dawkins, W.

**Year**

1872

**Location description**

East of stream that enters the sea between Minehead and Warren Farm (200 yds [182.88 m] from shore).

**Deposit location**

**Deposit description**

Oak, ash, alder and hazel.

**Deposit stratigraphy**

On top of blue clay.

**Associated artefacts**

Flint chippings.

**Early work**

**Sample method**

**Depth of deposit**

Between tides.

**<sup>14</sup>C ages available**

No

**Notes**

Also buried in basins of Axe, Tone, Parret and Yeo rivers, and under alluvium at Weston-super-mare.

**Bibliographic reference**

Boyd Dawkins, W. 1872 'Ancient geography of the west of England', Proceedings of the Somerset Archaeological and Natural History Society, XVIII, 26-32.

# Minehead Bay, Somerset

Record ID 304

## Authors

McDonnell, R.

## Year

1996

## Location description

## Deposit location

## Deposit description

Submerged forest and peat deposits in intertidal zone, visible at low tide (SMR 35064). Fallen tree trunks and tree boles with root systems. Unstable.

## Deposit stratigraphy

## Associated artefacts

Mesolithic, Neolithic and Bronze Age flints; planking and laid tree trunks (possibly from former structure/s).

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

and Gathercole (2003)

## Bibliographic reference

McDonnell, R. 1996 'Minehead sea defences scheme G7606 Environmental report', Environment Agency.

# Porlock Beach, Somerset

Record ID 324

## Authors

Riley, H. and Wilson-North, R.

## Year

2001

## Location description

## Deposit location

## Deposit description

Areas of peat and tree stumps, seen at low tide in among the shingle.

## Deposit stratigraphy

## Associated artefacts

Mesolithic flints found below the submerged forest (1869 - Mr Boyd Dawkins and Reverend Winwood excavated through the forest - found worked flints, incl Mesolithic).

## Early work

## Sample method

## Depth of deposit

## 14C ages available

No

## Notes

Tree stumps 5,000 years old. Original work referred to in Riley and Wildon-North (2001).

## Bibliographic reference

Riley, H. and Wilson-North, R. 2001 'The field archaeology of Exmoor', London: English Heritage.

# Porlock Beach, Somerset

Record ID 327

## Authors

Godwin Austen, R.

## Year

1865

## Location description

## Deposit location

[SS 870 479 - from map]

## Deposit description

Submarine forest. Two surfaces of plant growth. Stumps of trees and procumbent tree trunks and also, iris roots and leaves in upper plant growth layer. Lower forest bed - oaks trees and probably alder - procumbent trunks lie NW-SE.

## Deposit stratigraphy

Surface shingle on marine silt, on surface of plant growth, on freshwater mud deposit, on forest growth, on angular detritus.

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

At low water.

## <sup>14</sup>C ages available

No

## Notes

Refers to previous descriptions by L.Horner, Dr Buckland and Mr Conybeare.

## Bibliographic reference

Godwin Austen, R. 1865 'On the submerged forest-beds of Porlock Bay', Quarterly Journal of the Geological Society, 22, 1-9.

# Porlock Beach, Somerset

Record ID 328

## Authors

De la Beche, H.

## Year

1839

## Location description

## Deposit location

## Deposit description

'Submarine forest' in intertidal zone, visible at very low tides and resting on head (less than 1 m thick - Godwin Austen (1865)). Tree stools and lying trunks over 6 m long. Oak and probably alder.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

De la Bech (1839) Pg 419; Godwin Austen (1865) both referred to in Edwards (1999).

## Bibliographic reference

De la Beche, H. 1839 'Report on the geology of Cornwall, Devon and west Somerset', Memoirs of the Geological Survey, , 417-419.

# Porlock Beach, Somerset

Record ID 329

## Authors

Edwards, R.

## Year

1999

## Location description

## Deposit location

Centred on SS 871 478

## Deposit description

Submarine forest - up to c. 5.4 m of silty clays with thin organic horizons, resting on head.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

Boreholes

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

Nine ages between 7800 and 5000 years BP (work by Jennings). Pollen analysis - alder carr during organic deposition episodes (Cooper et al., 1995).

## Bibliographic reference

Edwards, R. 1999 'The Minehead district - a concise account of the geology', Memoir for 1:50,000 geological sheet 278 and part of sheet 294 (England and Wales), , 128pp.

# Porlock Beach, Somerset

Record ID 442

## Authors

Harkness, D. and Wilson, H.

## Year

1979

## Location description

## Deposit location

## Deposit description

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

Yes

## Notes

Collected 1974 and submitted by A Whittaker, Inst Geol Sci, Exeter. Submerged by Flandrian transgression.

## <sup>14</sup>C details

ID 306

Laboratory code SRR-440

## Sample location

SS 870 480

## Depth of sample

Extreme low water submerged forest.

## Dated sample description

Woody peat from in situ

## Age (uncal)

5120 ± 60

## Age (cal)

-30.1

## Delta <sup>13</sup>C

## Notes

## Bibliographic reference

Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.

# Porlock Beach, Somerset

**Record ID** 504

**Authors**

Boyd Dawkins, W.

**Year**

1872

**Location description**

**Deposit location**

**Deposit description**

**Deposit stratigraphy**

**Associated artefacts**

Bos longifrons (domestic ox) remains - unknown in Europe before Neolithic

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

No

**Notes**

**Bibliographic reference**

Boyd Dawkins, W. 1872 'Ancient geography of the west of England', Proceedings of the Somerset Archaeological and Natural History Society, XVIII, 26-32.

# Porlock Marsh, Somerset

**Record ID** 323

**Authors**

Jennings, S., Orford, J., Canti, M., Devoy, R. and Straker, V.

**Year**

1998

**Location description**

**Deposit location**

**Deposit description**

Submerged peat layers and forest bed.  
Tree stumps in submerged forest.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

Yes

**Notes**

**Subsite details**

**ID** 61

**Location**

**Depth**

**Description**

Submerged peat layer - in core PM3a.

**ID** 62

**Location**

**Depth**

**Description**

Submerged peat layer - in core PM3.

**ID** 63

**Location**

**Depth**

**Description**

Submerged peat layer - in core EH2.

**ID** 64

**Location**

**Depth**

**Description**

Submerged peat layer - in core EH3.

**ID** 65

**Location**

**Depth**

**Description**

Submerged peat layer - in core EH4.

**ID** 66

**Location**

**Depth**

**Description**

Submerged peat layer - in core EH39.

**ID** 67

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB1.

**ID** 68

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB2.

**ID** 69

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB2a.

**ID** 70

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB3.

**ID** 71

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB4.

**ID** 72

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB6 (at depth).

**ID** 73

**Location**

**Depth**

**Description**

Submerged forest bed, some at surface - core FB7 (surface, depth, lenses).

## 14C details

**ID** 230

**Laboratory code** Beta-61543

**Sample location**

**Depth of sample**  
-0.48 to -0.54 m OD

**Dated sample description**

**Age (uncal)**

5140 ± 100

**Age (cal)**

**Delta 13C**

### Notes

Core PM3.

**Sample location**

**Depth of sample**  
-0.67 to -0.73 m OD

**Dated sample description**

**Age (uncal)**

5250 ± 180

**Age (cal)**

**Delta 13C**

### Notes

Core PM3.

**ID** 232

**Laboratory code** OxA-6399

**Sample location**

**Depth of sample**  
-2.01 to -2.02 m OD

**Dated sample description**

**Age (uncal)**

5120 ± 55

**Age (cal)**

**Delta 13C**

### Notes

Core EH2.

**ID** 233 **Laboratory code** OxA-6569

**Sample location** **Depth of sample** **Dated sample description**  
-2.16 to -2.17 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
5450 ± 70

**Notes**

Core EH2.

**ID** 234 **Laboratory code** OxA-6400

**Sample location** **Depth of sample** **Dated sample description**  
-5.42 to -5.43 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
6360 ± 60

**Notes**

Core EH2.

**ID** 235 **Laboratory code** OxA-6570

**Sample location** **Depth of sample** **Dated sample description**  
-5.64 to -5.65 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
7280 ± 90

**Notes**

Core EH2.

**ID** 236 **Laboratory code** OxA-6401

**Sample location** **Depth of sample** **Dated sample description**  
-0.30 to -0.31 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
5160 ± 100

**Notes**

core EH4.

**ID** 237 **Laboratory code** OxA-6571

**Sample location** **Depth of sample** **Dated sample description**  
-0.54 to -0.55 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
5515 ± 65

**Notes**

Core EH4.

**ID** 238 **Laboratory code** OxA-6402

**Sample location** **Depth of sample** **Dated sample description**  
-0.48 to -0.49 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
4925 ± 60

**Notes**

Core EH39.

**ID** 239 **Laboratory code** OxA-6572

**Sample location** **Depth of sample** **Dated sample description**  
-0.78 to -0.79 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
5290 ± 75

**Notes**

Core EH39.

**ID** 240 **Laboratory code** Beta-81653

**Sample location** **Depth of sample** **Dated sample description**  
-1.46 to -1.48 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
5070 ± 60

**Notes**

Core FB4.

**ID** 241 **Laboratory code** Beta-61544

**Sample location** **Depth of sample** **Dated sample description**  
-6.67 to -6.72 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
6870 ± 90

**Notes**

Core FB4.

**ID** 242 **Laboratory code** Beta-81654

**Sample location** **Depth of sample** **Dated sample description**  
-3.57 to -3.60 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
6160 ± 70

**Notes**

Core FB7.

**ID** 243 **Laboratory code** Beta-86775

**Sample location** **Depth of sample** **Dated sample description**  
-8.00 to -8.02 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
7070 ± 50

**Notes**

Core FB7.

**ID** 244 **Laboratory code** Beta-81655

**Sample location** **Depth of sample** **Dated sample description**  
-8.67 to -8.69 m OD

**Age (uncal)** **Age (cal)** **Delta 13C**  
7730 ± 50

**Notes**

Core FB7.

**ID** 245

**Laboratory code** UB-3618

**Sample location**

**Depth of sample**

**Dated sample description**

-2.40 m OD

Tree stumps in submerged forest.

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5787 ± 22

**Notes**

**ID** 246

**Laboratory code** UB-3169

**Sample location**

**Depth of sample**

**Dated sample description**

-2.40 m OD

Tree stumps in submerged forest

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5797 ± 22

**Notes**

### **Bibliographic reference**

Jennings, S., Orford, J., Canti, M., Devoy, R. and Straker, V. 1998 'The role of relative sea level rise and changing sediment supply on Holocene gravel barrier development: the example of Porlock, Somerset, UK', *The Holocene*, 8(2), 165-181.

# Porlock Weir, Somerset

Record ID 315

## Authors

ADS

## Year

NONE

## Location description

## Deposit location

SS 870 480

## Deposit description

Submerged forest.

## Deposit stratigraphy

## Associated artefacts

Flint scatter - Mesolithic and Neolithic worked flints; flints also found on land surface above forest.

## Early work

Partial excavation in 1869.

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

Records SOMSSMR-23942 and NMR\_NATINV-35864 in ADS.

## Bibliographic reference

ADS NONE 'Archaeology Dataservice', <http://ads.ahds.ac.uk/>.

# Somerset Levels, Somerset

Record ID 299

## Authors

Kidson, C. and Heyworth, A.

## Year

1976

## Location description

## Deposit location

## Deposit description

Holocene: thick estuarine clays in which brackish and freshwater peat layers occur (thin and thick (2 m+)). Some woody peat emerges as prominent submerged forest containing large fallen trees.

## Deposit stratigraphy

Holocene deposits rest on rock or Pleistocene deposits (mainly soliflucted gravels).

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

## Subsite details

ID 58

## Location

## Depth

Down to and below MHWST (-5.3m OD).

## Description

Basal peat, following the surface of the solid or older sediments. The lower the altitude, the older it is. Formed as water table rose with advancing Holocene sea.

**ID** 59

**Location**

**Depth**

**Description**

Upper series of approx. horizontal peats. Formed as sea level rise slowed to the rate of sedimentation. Minor variations in rates resulted in their deposition (intercalating peat and clays). Formed with little change in coastline position.

**Bibliographic reference**

Kidson, C. and Heyworth, A. 1976 'The Quaternary deposits of the Somerset Levels', Quarterly Journal of Engineering Geology, 9, 217-235.

# Somerset Levels, Somerset

**Record ID** 300

**Authors**

Kidson, C. and Heyworth, A.

**Year**

1973

**Location description**

**Deposit location**

**Deposit description**

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

Yes

**Notes**

Referred to in Kidson and Heyworth (1976).

**Subsite details**

**ID** 60

**Location**

[in ST25 44 from map]

**Depth**

**Description**

Borehole 6P contains thin brackish/freshwater peats. Thick peat layer c. 0 m OD on estuarine clay marking end of marine influence (nearer the sea this deposit becomes interdigitated with estuarine clays).

## 14C details

**ID** 197

**Laboratory code** I-4402

**Sample location**

**Depth of sample**

**Dated sample description**

-19.5 m OD (present height);  
-19 m OD

Basal peat. (before  
compaction)

**Age (uncal)**

**Age (cal)**

**Delta 13C**

8480 ± 140 14C

### Notes

M5 motorway borehole 211/34 (by Soil Mechanics Ltd).

**ID** 198

**Laboratory code** I-4403

**Sample location**

**Depth of sample**

**Dated sample description**

-21.3 m OD (present height);  
-20 m OD (before  
compaction)

Basal peat.

**Age (uncal)**

**Age (cal)**

**Delta 13C**

8360 ± 140 14C years BP

### Notes

M5 motorway borehole 212/3 (by Soil Mechanics Ltd).

**ID** 199

**Laboratory code** I-2690

**Sample location**

**Depth of sample**

**Dated sample description**

[in ST 25 44 from map]

-8.95 m OD (present height);  
-8.2 m OD (before  
compaction)

Basal peat.

**Age (uncal)**

**Age (cal)**

**Delta 13C**

7360 ± 140 14C years BP

### Notes

Borehole 6P. After this time, site has been more or less within the estuary's influence - sedimentation equilibrium with sea level rise.

**ID** 200 **Laboratory code** I-3713

**Sample location** ST 3085 4780 **Depth of sample** -8.45 m OD (present height);  
-8.4 m OD (before compaction) **Dated sample description**

**Age (uncal)** 7320 ± 120 14C years BP **Age (cal)** **Delta 13C**

**Notes**  
Borehole 8B.

**ID** 201 **Laboratory code** I-2688

**Sample location** ST 2600 4659 **Depth of sample** -7.3 m OD (present height); -  
6.5 m OD (before compaction) **Dated sample description**

**Age (uncal)** 7060 ± 160 14C years BP **Age (cal)** **Delta 13C**

**Notes**  
Borehole 6J.

**ID** 202 **Laboratory code** I-2689

**Sample location** ST 2600 4459 **Depth of sample** -5.95 m OD (present height);  
-5.0 m OD (before compaction) **Dated sample description**

**Age (uncal)** 6890 ± 120 14C years BP **Age (cal)** **Delta 13C**

**Notes**  
Borehole 6P.

**ID** 203 **Laboratory code** NPL148

**Sample location** ST 2275 4625 **Depth of sample** -2.0 m OD (present height); -1.8 m OD (before compaction) **Dated sample description**

**Age (uncal)** 6230 ± 95 14C years BP **Age (cal)** **Delta 13C**

**Notes**

Borehole 5C.

**ID** 204 **Laboratory code** NPL147

**Sample location** ST 2250 4610 **Depth of sample** -1.0 m OD (present height); -0.2 m OD (before compaction) **Dated sample description**

**Age (uncal)** 5380 ± 95 14C years BP **Age (cal)** **Delta 13C**

**Notes**

Borehole 5B.

**ID** 205 **Laboratory code** I-3397

**Sample location** [in ST 22 45 from map] **Depth of sample** -0.5 m OD (present height); unchanged (before compaction) **Dated sample description**

**Age (uncal)** 5330 ± 120 14C years BP **Age (cal)** **Delta 13C**

**Notes**

Borehole 6F.

**ID** 206 **Laboratory code** I-3396

**Sample location** **Depth of sample** **Dated sample description**  
[in ST 22 45 from map] +0.8 m OD (present height);  
+1.4 m OD (before  
compaction)

**Age (uncal)** **Age (cal)** **Delta 13C**  
5250 ± 140 14C years BP

**Notes**

Borehole 6F.

**ID** 207 **Laboratory code** I-3395

**Sample location** **Depth of sample** **Dated sample description**  
[in ST 22 45 from map] +2.3 m OD (present height);  
+2.5 m OD (before  
compaction)

**Age (uncal)** **Age (cal)** **Delta 13C**  
4790 ± 120 14C years BP

**Notes**

Borehole 6V.

**ID** 208 **Laboratory code** NPL146

**Sample location** **Depth of sample** **Dated sample description**  
ST 2230 4585 +0.6 m OD (present height);  
+1.4 m OD (before  
compaction)

**Age (uncal)** **Age (cal)** **Delta 13C**  
3460 ± 90 14C years BP

**Notes**

Borehole 5A.

**Bibliographic reference**

Kidson, C. and Heyworth, A. 1973 'The Flandrian sea-level rise in the Bristol Channel',  
Proceedings of the Ussher Society, 2, 565-584.

# Somerset Levels, Somerset

**Record ID** 561

**Authors**

Beale, Dr.

**Year**

1666

**Location description**

**Deposit location**

**Deposit description**

Buried trees exposed in pastureland during extreme drought. Hundreds of oaks dug up.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**14C ages available**

No

**Notes**

Also mentions Kent, Essex, Lincoln as potential sites.

**Bibliographic reference**

Beale, Dr. 1666 'Some promiscuous observations made in Somersetshire', Philosophical Transactions of the Royal Society of London, 18, 323.

# St Audrie's Bay, Somerset

**Record ID** 626

**Authors**

Brunning, R.

**Year**

1990

**Location description**

**Deposit location**

ST 10 43

**Deposit description**

Submerged forest.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

Found by Boyd Dawkins.

**Sample method**

**Depth of deposit**

c. 35 ft [10.67 m] below high water.

**<sup>14</sup>C ages available**

No

**Notes**

See Boyd Dawkins (Victoria County History Somerset vol. 1, 186).

**Bibliographic reference**

Brunning, R. 1990 'Somerset' in 'Organic archaeological remains in southwest Britain: a survey of the available evidence', (ed.s) Coles, B., 57-73, WARP, ESF.

# Stolford, Somerset

Record ID 174

## Authors

Heyworth, A. and Kidson, C.

## Year

1982

## Location description

## Deposit location

## Deposit description

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

Yes

## Notes

Heyworth and Kidson (1982) referred to in Druce (1998)

## 14C details

ID 114

Laboratory code I-3397

## Sample location

## Depth of sample

-0.50 m OD

## Dated sample description

Site 6F - wood fen peat,  
basal peat

## Age (uncal)

5330 ± 120 14C BP

## Age (cal)

4500-3800 cal BC

## Delta 13C

## Notes

**ID** 115

**Laboratory code** NPL147

**Sample location**

**Depth of sample**

**Dated sample description**

-1.00 m OD

Site 5B - wood fen peat

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5380 ± 95 14C BP

4460-3990 cal BC

**Notes**

**Bibliographic reference**

Heyworth, A. and Kidson, C. 1982 'Sea-level changes in south-west England and Wales', Proceedings of the Geologists Association, 93, 91-111.

# Stolford, Somerset

Record ID 175

## Authors

Hillam, J.

## Year

1994

## Location description

## Deposit location

## Deposit description

Intertidal submerged forest.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## 14C ages available

Yes

## Notes

Sweet track was built as a response to the transgression which flooded this forest.

## 14C details

ID 116

## Laboratory code

## Sample location

## Depth of sample

## Dated sample description

## Age (uncal)

## Age (cal)

## Delta 13C

4052-3779 BC

## Notes

## Bibliographic reference

Hillam, J. 1994 'The dating of oak timbers from the Wootton Quarr survey, Isle of Wight', Unpublished report (10/1994), English Heritage Ancient Monuments Laboratory.

# Stolford, Somerset

**Record ID** 176

**Authors**

Kidson, C. and Heyworth, A.

**Year**

1976

**Location description**

15 km east of Minehead District

**Deposit location**

**Deposit description**

Peat bed offshore

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

-1 to -3 m OD

**<sup>14</sup>C ages available**

No

**Notes**

Kidson and Heyworth (1976) referred to in Edwards (1999)

**Bibliographic reference**

Kidson, C. and Heyworth, A. 1976 'The Quaternary deposits of the Somerset Levels', Quarterly Journal of Engineering Geology, 9, 217-235.

# Stolford, Somerset

Record ID 177

## Authors

ADS

## Year

NONE

## Location description

Stolford Shore, Stogursey

## Deposit location

ST 225 465; ST 234 470; ST 238 461

## Deposit description

Submarine forest and peat deposits.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

No

## Notes

Record SOMSSMR-24078 in ADS. [Also labelled 'Submarine forest' on OS map].

## Bibliographic reference

ADS NONE 'Archaeology Dataservice', <http://ads.ahds.ac.uk/>.

# Stolford, Somerset

**Record ID** 181

**Authors**

Callow, W. and Hassall, G.

**Year**

1968

**Location description**

**Deposit location**

**Deposit description**

Two Atlantic peat bands.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**<sup>14</sup>C ages available**

Yes

**Notes**

Callow and Hasall (1968) (pg116) referred to in Hawkins (1971)

**<sup>14</sup>C details**

**ID** 118

**Laboratory code** NPL-148

**Sample location**

**Depth of sample**

-2.7 m OD

**Dated sample description**

**Age (uncal)**

6230 ± 95 BP

**Age (cal)**

**Delta <sup>13</sup>C**

**Notes**

**ID** 119

**Laboratory code** NPL-147

**Sample location**

**Depth of sample**

**Dated sample description**

-0.52 m OD

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5380 ± 95 BP

**Notes**

**Bibliographic reference**

Callow, W. and Hassall, G. 1968 'National Physical Laboratory Radiocarbon measurements V', Radiocarbon, 10(1), 115-118.

# Stolford, Somerset

Record ID 202

## Authors

Campbell, J. and Baxter, M.

## Year

1979

## Location description

## Deposit location

51deg 12'N, 3deg 6'W [ST  
23154 45164 converted]

## Deposit description

Submerged forest.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

## Depth of deposit

## <sup>14</sup>C ages available

Yes

## Notes

And Campbell and Baxter (1979b).

## <sup>14</sup>C details

ID 126

Laboratory code GU-763

## Sample location

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

## Depth of sample

Quercus wood from  
submerged forest. -12 to +10  
tree ring (Stolford Series 5).

## Dated sample description

## Age (uncal)

## Age (cal)

5398 ± 79 (year BP ± 1σ)

## Delta 13C

-23.9

## Notes

**ID** 127

**Laboratory code** GU-764

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

11-20 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5298 ± [68/66] (year BP  
±1σ)

-23.8

**Notes**

**ID** 128

**Laboratory code** GU-765

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

21-30 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5201 ± 55 (year BP ± 1σ)

-23.6

**Notes**

**ID** 129

**Laboratory code** GU-766

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

31-40 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5285 ±45 (year BP ± 1σ)

-23.6

**Notes**

ID 130

Laboratory code GU-767

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

41-50 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5399 ± 40 (year BP ± 1σ)

**Delta 13C**

-23.3

**Notes**

ID 131

Laboratory code GU-768

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

51-60 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5269 ± 40 (year BP ± 1σ)

**Delta 13C**

-23.1

**Notes**

ID 132

Laboratory code GU-769

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

61-70 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5258 ± 60 (year BP ± 1σ)

**Delta 13C**

-23.2

**Notes**

**ID** 133

**Laboratory code** GU-770

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

71-80 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5186 ± 45 (year BP ± 1σ)

-22.9

**Notes**

**ID** 134

**Laboratory code** GU-771

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

81-90 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5382 ± 43 (year BP ± 1σ)

-23.0

**Notes**

**ID** 135

**Laboratory code** GU-772

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

91-100 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5377 ± 41 (year BP ± 1σ)

-23.4

**Notes**

ID 136

Laboratory code GU-773

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

101-110 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5220 ± 39 (year BP ± 1σ)

**Delta 13C**

-23.6

**Notes**

ID 137

Laboratory code GU-774

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

111-120 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5169 ± 53 (year BP ± 1σ)

**Delta 13C**

-23.9

**Notes**

ID 138

Laboratory code GU-775

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

121-130 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5204 ± 72 (year BP ± 1σ)

**Delta 13C**

-23.7

**Notes**

ID 139

Laboratory code GU-776

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

131-140 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5094 ± 51 (year BP ± 1σ)

**Delta 13C**

-23.4

**Notes**

ID 140

Laboratory code GU-777

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

141-150 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5067 ± 81 (year BP ± 1σ)

**Delta 13C**

-24.0

**Notes**

ID 141

Laboratory code GU-778

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

151-160 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5092 ± 70 (year BP ± 1σ)

**Delta 13C**

-23.8

**Notes**

77

ID 142

Laboratory code GU-779

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

161-170 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

4840 ± 127 (year BP ± 1σ)

-23.5

**Notes**

ID 143

Laboratory code GU-780

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

171-180 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5020 ± 104 (year BP ± 1σ)

-24.1

**Notes**

ID 144

Laboratory code GU-781

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

181-190 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

**Delta 13C**

5039 ± 61 (year BP ± 1σ)

-23.7

**Notes**

ID 145

Laboratory code GU-782

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

191-200 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5092 ± 67 (year BP ± 1σ)

**Delta 13C**

-23.6

**Notes**

ID 146

Laboratory code GU-784

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

211-220 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5007 ± 61 (year BP ± 1σ)

**Delta 13C**

-23.6

**Notes**

ID 147

Laboratory code GU-785

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

221-230 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

5015 ± 68 (year BP ± 1σ)

**Delta 13C**

-23.4

**Notes**

ID 148

Laboratory code GU-786

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

231-240 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4844 ± 97 (year BP ± 1σ)

**Delta 13C**

-23.8

**Notes**

ID 149

Laboratory code GU-787

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

241-250 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4958 ± 54 (year BP ± 1σ)

**Delta 13C**

-23.8

**Notes**

ID 150

Laboratory code GU-788

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

251-260 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4783 ± 67 (year BP ± 1σ)

**Delta 13C**

-24.3

**Notes**

ID 151

Laboratory code GU-789

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

261-270 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4775 ± 124 (year BP ± 1σ)

**Delta 13C**

-29.9

**Notes**

ID 152

Laboratory code GU-790

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

271-280 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4908 ± 68 (year BP ± 1σ)

**Delta 13C**

-23.4

**Notes**

ID 153

Laboratory code GU-755

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

275-284/1-10 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4733 ± 34 (year BP ± 1σ)

**Delta 13C**

-24.1

**Notes**

ID 154

Laboratory code GU-791

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

281-290 tree ring (Stolford  
Series 5)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4831 ± 67 (year BP ± 1σ)

**Delta 13C**

-24.7

**Notes**

ID 155

Laboratory code GU-756

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

285-294/11-20 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4803 ± 36 (year BP ± 1σ)

**Delta 13C**

-24.0

**Notes**

ID 156

Laboratory code GU-757

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

295-304/21-30 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4718 ± 31 (year BP ± 1σ)

**Delta 13C**

-24.4

**Notes**

ID 157

Laboratory code GU-758

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

305-314/31-40 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4645 ± 41 (year BP ± 1σ)

**Delta 13C**

-24.2

**Notes**

ID 158

Laboratory code GU-759

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

315-324/41-50 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4490 ± 47 (year BP ± 1σ)

**Delta 13C**

-23.9

**Notes**

ID 159

Laboratory code GU-760

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

325-334/51-60 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4715 ± 31 (year BP ± 1σ)

**Delta 13C**

-24.1

**Notes**

ID 160

Laboratory code GU-761

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

335-344/61-70 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4778 ± 42 (year BP ± 1σ)

**Delta 13C**

-23.1

**Notes**

ID 161

Laboratory code GU-762

**Sample location**

51deg 12'N, 3deg  
6'W [ST 23154  
45164 converted]

**Depth of sample**

345-355/71-80 tree ring  
(Stolford Series 4)

**Dated sample description**

**Age (uncal)**

**Age (cal)**

4707 ± 32 (year BP ± 1σ)

**Delta 13C**

-22.8

**Notes**

**Bibliographic reference**

Campbell, J. and Baxter, M. 1979 'Radiocarbon measurements on submerged forest floating chronologies', Nature, 278, 409.

# Stolford, Somerset

Record ID 203

## Authors

Campbell, J. and Baxter, M.

## Year

1979b

## Location description

## Deposit location

## Deposit description

Wood sec Stolford-1 (Quercus) from submerged forest exposure.

## Deposit stratigraphy

## Associated artefacts

## Early work

## Sample method

Sample collected by A Heyworth

## Depth of deposit

## 14C ages available

Yes

## Notes

Heyworth, in Campbell and Baxter (1979b)

## 14C details

ID 162

Laboratory code GU-663

## Sample location

51deg 12'N, 3deg 6'W [ST 23154 45164 converted]

## Depth of sample

Quercus wood

## Dated sample description

## Age (uncal)

4443 ± 199

## Age (cal)

## Delta 13C

## Notes

## Bibliographic reference

Campbell, J. and Baxter, M. 1979b 'Glasgow University Radiocarbon Measurements IX', Radiocarbon, 21(2), 171.

# Stolford, Somerset

**Record ID** 480

**Authors**

NMR

**Year**

NONE

**Location description**

NE of Wick Rocks

**Deposit location**

ST 2400 4640 (area)

**Deposit description**

Peat deposit and submerged forest. Lower peat - with trees, upper peat - few/no trees.

**Deposit stratigraphy**

**Associated artefacts**

**Early work**

**Sample method**

**Depth of deposit**

**<sup>14</sup>C ages available**

No

**Notes**

NMR no. ST 24 NW 12 (975506).

**Bibliographic reference**

NMR NONE 'National Monuments Record'.

# Watchet, Somerset

**Record ID** 468

**Authors**

Hawkshaw, J.

**Year**

1871

**Location description**

**Deposit location**

**Deposit description**

Mention of submarine forest (peat layer).

**Deposit stratigraphy**

**Associated artefacts**

Flint flakes found in the peat (mentioned together with Porlock).

**Early work**

**Sample method**

**Depth of deposit**

**<sup>14</sup>C ages available**

No

**Notes**

Both exposures were mentioned by Mr Boyd Dawkins in discussion with Hawkshaw.

**Bibliographic reference**

Hawkshaw, J. 1871 'Notes on the peat and underlying beds observed in the construction of Albert Dock, Hull', Quarterly Journal of the Geological Society, 27, 237-240.

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