

BOURNE CASTLE SURVEY 2006 & 2021

Bourne Castle 2006

1 Bourne, LINCOLNSHIRE

2 COUNTY MONUMENT LI 95

GEOPHYSICAL SURVEY

David Charles Hibbitt PIFA

BOURNE CASTLE SURVEY 2006 & 2021

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Acknowledgments

Thanks to:

Bill Manners

Bourne United Charities.

Dr. Glyn Coppack, Inspector of Ancient Monuments, English Heritage.

Neil Linford of English Heritage.

John Gater and Chris Gaffney of GSB Prospection.

Mark Willson at Willsons Group Services Ltd.

Designed, written and produced by
David Charles Hibbitt

Printed by
Willsons Group Services Ltd
'Highlander House'
Cross Street
Newark
Nottinghamshire
NG24 1PP
01636 702334
www.willsons.com

This report dated March 2006.

This document is the result of research for a non-commercial purpose.

DCH/BC001

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BOURNE CASTLE SURVEY 2006 & 2021

Bourne Castle, Bourne, Lincolnshire
National Monument No: LI 95

- 1 **Project Title:** Bourne Castle
- Dates of survey:** 11th~12th March 2006
- County:** Lincolnshire
- Parish:**
- Grid Reference:** TF 094199
- O.S Map:** LR 130 (1:50 000)
- Site Type:** Probable castle with associated buildings
- 1.1 **Survey undertaken for:** Bill Manners
- EH Inspector:** Dr. Glyn Coppack
- Surveyor:** David Charles Hibbitt
- 1.2 **Solid Geology:** Middle Oolite: Corallian, Oxford Clays and Kellaways Beds
- Drift Geology:**

2 **Purpose of Survey**

To search for evidence through geophysical means for areas of 'potential archaeological interest' and to confirm the existence of any buried structural remains that may be associated with the documented but disputed existence of Bourne Castle.

3 **Report Details**

Title: Bourne Castle, Bourne, Lincolnshire
Author: David Charles Hibbitt
Date: March 2006
Number: DCH/BC001
Held by: Bill Manners/David Charles Hibbitt

3.1 **Summary of report findings:**

The resistance survey and subsequent interpretation of the results suggests that several anomalies of 'potential archaeological interest' have been located within the surveyed area.

After consultation with Dr. Glyn Coppack, Regional Inspector for English Heritage, there is little doubt that the strong, curving anomaly to the south west is highly likely to be the remains of a curtain wall with clear evidence for external square towers. Such distinct features date to C. 14th century. There are other anomalies within the surveyed area which are highly likely to be structural remains.

All the anomalies detected have the potential to be geological in origin. but given the clarity of the results this is unlikely.

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3.2 Archaeological Feature Classifications Covered

Medieval castle site. Evidence located by survey.

3.3 Geophysical Techniques Used

Survey type:	Resistance. Recorded grid
Area surveyed:	6525 sq. metres
Traverse separation:	1m
Reading interval:	1m
Instrument type:	Resistance meter.
Instrument make:	TR Systems
Electrode configuration:	Twin probe
Electrode separation:	0.5m
Range setting:	200 Ohms.
Acquisition time:	1.5 seconds
Land use:	Maintained parkland/short grass
Weather:	Cool. Damp underfoot.

3.4 Principles of resistance surveying

The basis for this method is that electric currents are fed into the ground and the resistance to the flow of these currents is measured. Where they 'meet' buried wall foundations high resistance readings are recorded, while if silted-up ditches (which tend to be wetter than the surroundings) are encountered, low resistance readings ensue. By mapping zones of high and low resistance it is possible to identify, for example, the layout of buildings or the size and orientation of a ditched enclosure.

(Gaffney, C. & Gater, J. 'Revealing The Buried Past' Tempus Publishing, 2003).

3.5 Known limitations of the survey technique

Resistivity surveying measures only high and low contact resistance in the soil, which can vary considerably, depending on the moisture present in the ground. The instruments used do not distinguish between archaeology and geology. Post-survey interpretation of the results is vital in the understanding of what the survey shows.

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4 The geophysical (resistance) survey of Bourne Castle, Bourne, Lincolnshire

4.1 The survey

A geophysical (resistance) survey was carried out within part of the site where several years ago well defined, clear parch marks had been seen and photographed (Figs.8 and 9). Previous work in this area included a watching brief by Archaeological Project Services (APS) for a narrow water pipe, which uncovered some structural remains believed to be from a gatehouse and there is an account of an excavation in 1860 which uncovered some stonework believed to be contemporary with the castle.

The geophysical survey was carried out over two days and almost immediately it became apparent that there were anomalies being detected. The ground conditions were almost perfect for resistance surveying, as the moist ground would give good contrast against any drier stonework or rubble deposits. The survey was hampered slightly by areas of standing water, causing many 'null' readings (small white areas in the data), however, it was possible to survey through some of the shallower areas without compromising the data collected. There were slight concerns that later landscaping or consolidation of the grounds may cause difficulties with the survey. The survey has been tied-in to local features. It is re-locateable and repeatable.

4.2 Data collection and processing

All the surveys were carried out using a TR Systems resistance meter using the standard remote twin-probe array. Fixed and mobile electrode spacing was set to 0.5m. Reading acquisition time was set to 1.5 seconds at 200 Ohms.

The data was logged in the meter and downloaded back at base onto a laptop PC running TR Systems software for handling the raw data information. Further processing of the data was carried out using Snuffler and Adobe Photoshop 7.

The finished plots and report were printed using a Xerox DC2060 colour digital press. The plots are displayed in their original raw data form and as several processed plots.

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5 Interpretation of the results

The interpretation of the data (Fig.7) indicates that there are several high resistance anomalies which are likely to be substantial structural remains present within the surveyed area.

The distinctive shape of the curving anomaly to the south (Fig.7 A) is in a classic curtain wall style. Around the northern end of 'A' there are vestiges of possibly a secondary wall, or part of a curtain wall, close to and parallel with it. Stone curtain walls were usually made with a clay or rubble core with an ashlar facing laid in horizontal courses. The distance between the east and west wall of 'A' is approximately 30 metres. There appears to be several gaps in 'A' which although look like entrances are more likely to have been caused by tree root responses around the anomaly.

The square anomaly (Fig.7 B) is probably one of several external towers contemporary with anomaly 'A'. This anomaly, and part of the curving anomaly is without doubt the cause of the parch marks photographed several years ago (Fig.9). There are several other strong anomalies (Fig.7 C, D & E) which all are likely to be structural remains. The excavation for the water pipe found the structural remains 'E', which at the time was interpreted as part of a gatehouse.

The apparent unevenness of edges to several of the anomalies is not expected to represent their exact shape in the ground. The unevenness is likely to be caused by demolition deposits or rubble spreads over the features. In extreme cases these deposits can mask of the true form of the features and show just as an area of high resistance with no form.

6. Conclusions

The purpose of the survey was to search for evidence using non-intrusive geophysical techniques for areas of any buried structural remains that may be associated with Bourne Castle.

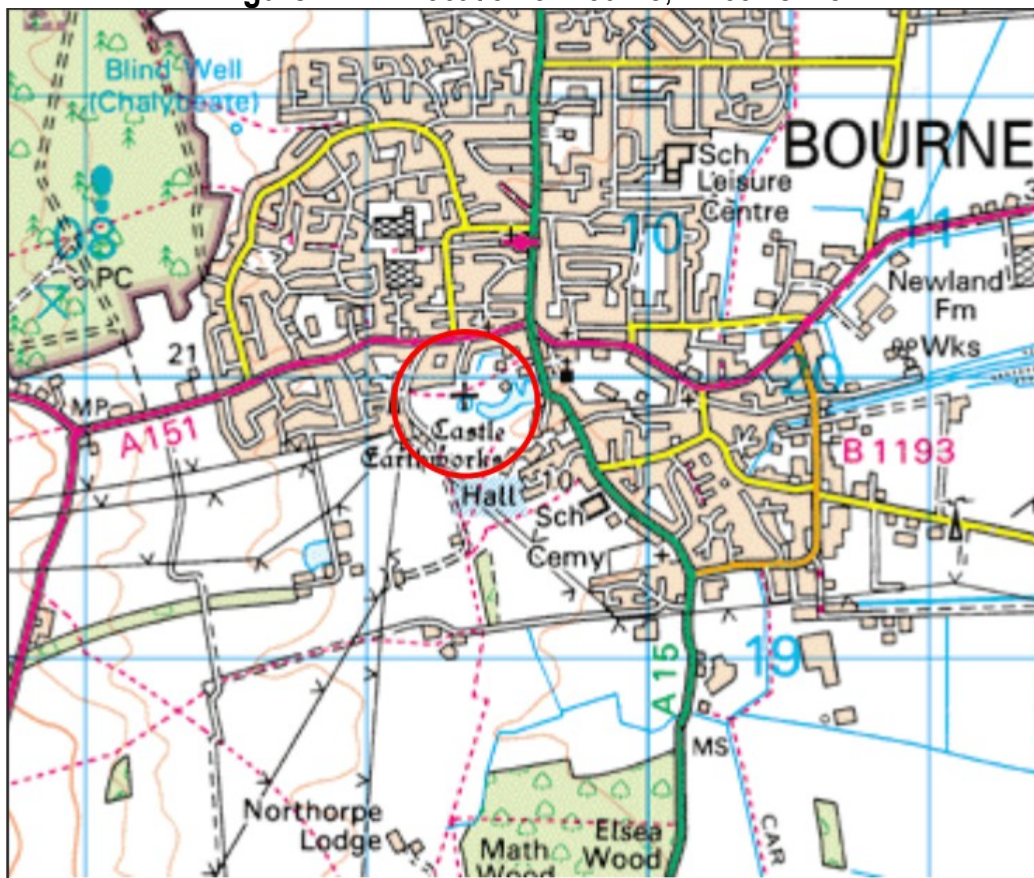
The resistance survey has shown that there are many high resistance anomalies that have been well defined, suggesting a fair state of preservation. There are other similar responses within the surveyed areas that are less distinct, and therefore may suggest a poorer state of preservation.

Given the documentary evidence for the site, the many earthworks and parchmarks, previous excavations and the clear geophysics, it can therefore be concluded that there are substantial, well preserved and distinctly shaped structural remains on the site that could be associated with castle structures.

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Figure 1 Location of Bourne, Lincolnshire



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Figure 2 Location of site (circled in red)

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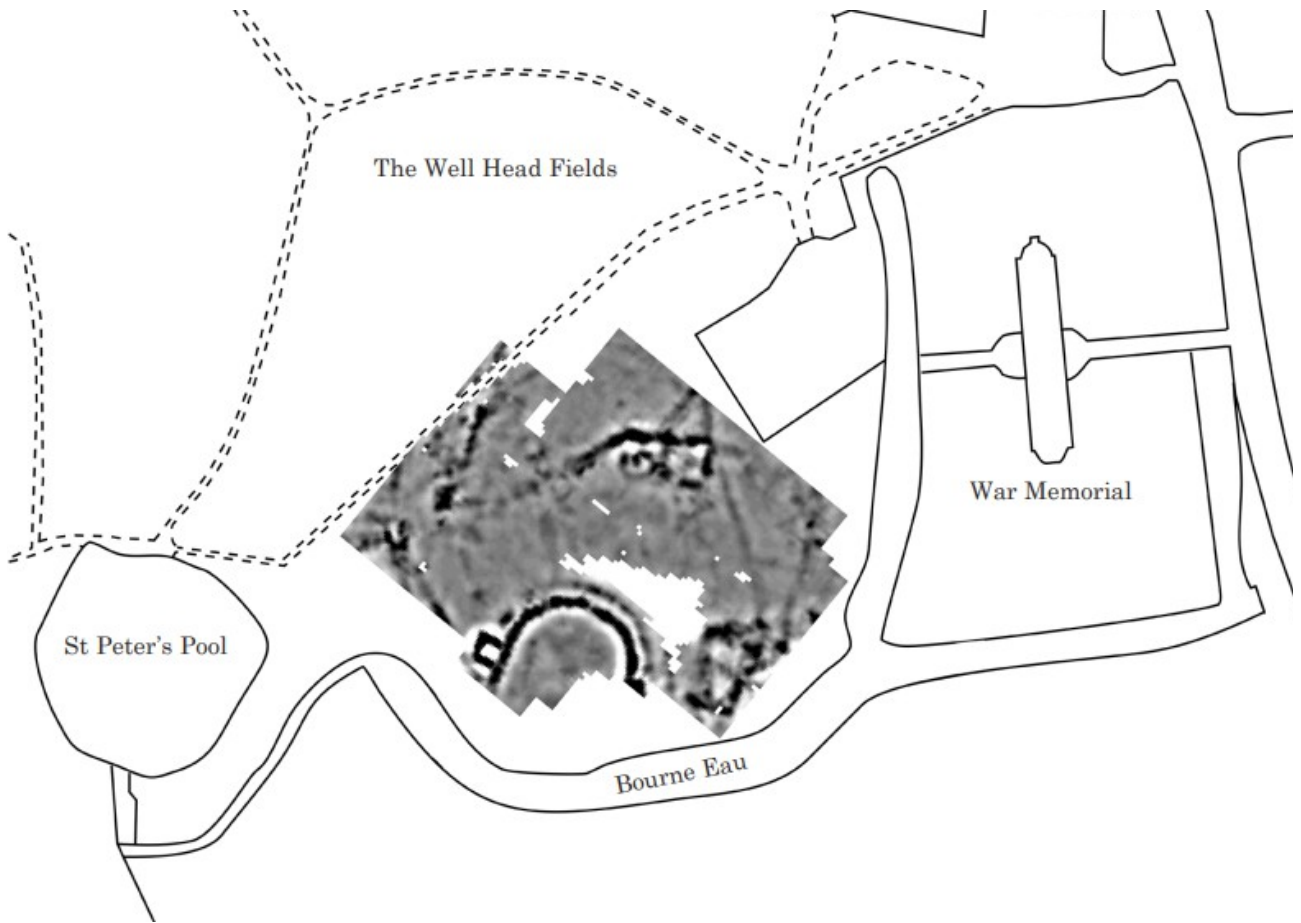


Figure 3 Approximate location of survey in relation to park features

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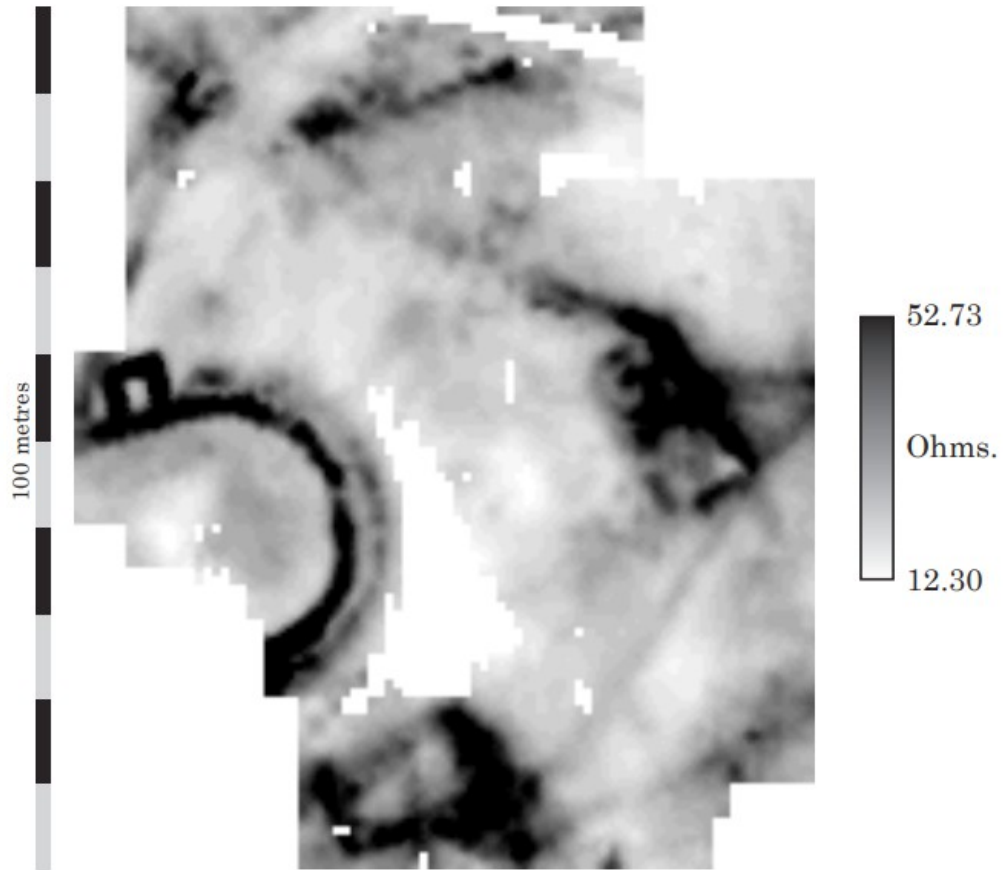


Figure 4 Raw resistance data



Figure 5 High pass filtered and interpolated data

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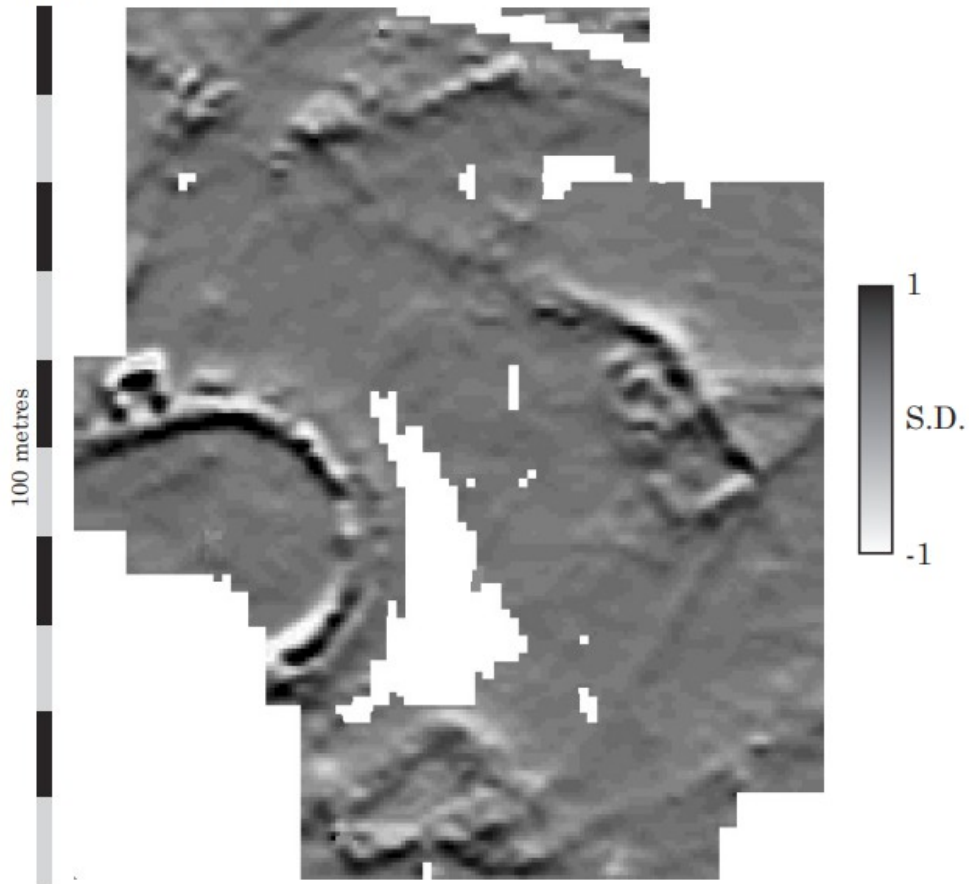


Figure 6 Relief plot

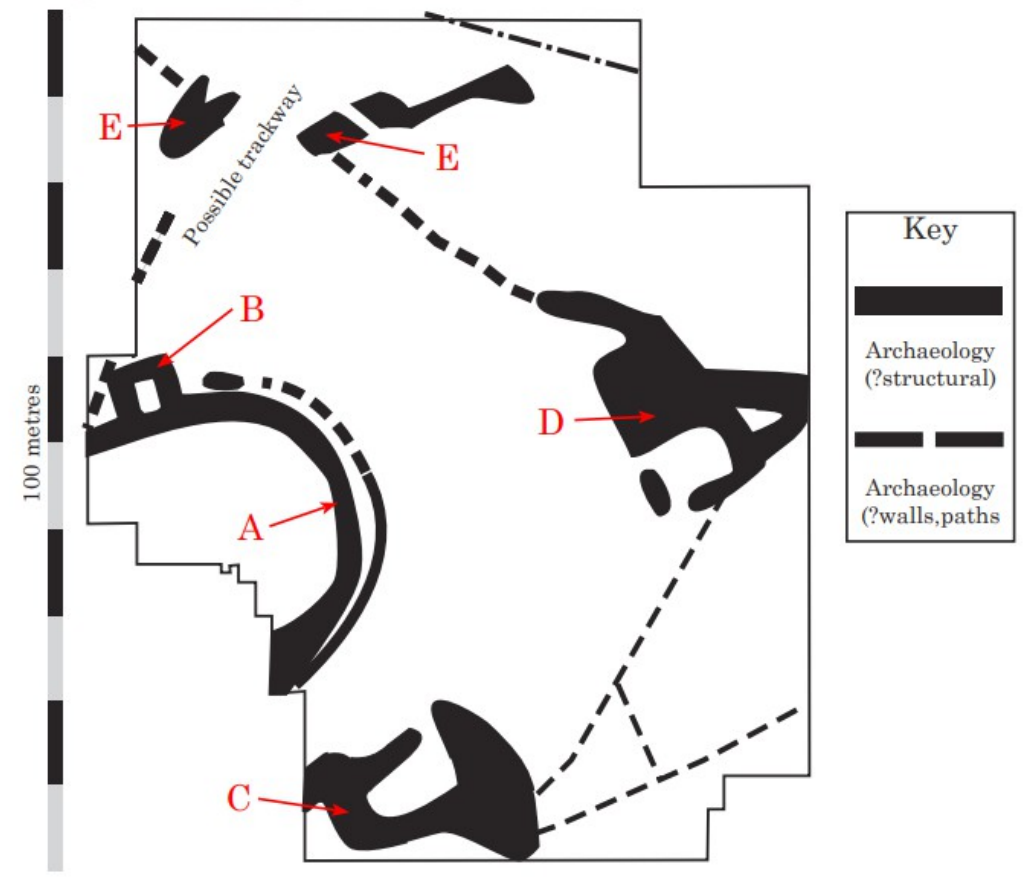


Figure 7 Interpretation (see text section 5)

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Figure 8 Parch mark close to the pipeline.



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Figure 9 Parch mark from likely curtain wall and external tower.

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Data statistics

All statistics based on raw data.

Area surveyed:	6525 Sq.metres
Readings:	6525
Max. reading:	52.732
Min. reading:	12.306
Mean:	18.877
Std. Dev.:	4.972

References

Gaffney, C. & Gater, J. 2003 'Revealing The Buried Past' Tempus Publishing.

Contacts

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ADDENDUM TO GEOPHYSICAL SURVEY CARRIED OUT IN 2006 BOURNE CASTLE, NATIONAL MONUMENT No LI 95. NEW SURVEY SEPTEMBER TO DECEMBER 2021

1 Project title: Bourne Castle additional survey.

Dates of survey: 6th, 8th, 20th September, 4th October, 24th November 1ST December 2021

Location details as original report

1.1 Requested by Steve Giullari and Park Trustees

Surveyors Peter and Aileen Ball (Grantham Archaeological Group), assisted by volunteers

1.2 Geology: As original report

2 Purpose of survey

To search through geophysical means for further evidence of Bourne Castle and also English Civil War evidence

3 Report details

Title: Addendum to Bourne Castle, Bourne, Lincolnshire

Author: Aileen Ball, BSc and Peter Ball BSc, DipMath

Date September-December 2021

Held by: Steve Giullari, Aileen Ball

3.1 Summary of report findings

In the main castle area, there is clear evidence of the southern entrance, with path (road) and drawbridge. The wall and buildings inside the second moat are also clear in the resistivity, including the line of the northern bridge. The ECW mounds show two have been reinforced, the other two are less complete. The area classed as the outer bailey shows some features which may be geological, but may also be structural. It is unclear what these may be. Without further investigation it is not known whether this was part of the castle, with the Mill Leat the line of a moat, or whether the castle had only two moats.

3.2 Archaeological feature classifications covered

Medieval castle site. Evidence located by survey

English Civil War site. Evidence located by survey

3.3 Geophysical techniques used. As original report

3.4 Principles of resistance surveying. As original report

3.5 Known limitations of the survey technique. As original report

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4 Geophysical (resistance) survey of Bourne Castle and English Civil War defences

4.1 The survey

A geophysical (resistance) survey was carried out on the wider castle environs, over several days. Anomalies were immediately apparent in all areas. The survey has been tied-in to local features and is re-locateable and repeatable.

4.2 Data collection and processing:

All the surveys were carried out using a TR Systems resistance meter using the standard remote twin-probe array. Fixed and mobile electrode spacing was set to 0.5m. Reading acquisition time was set to 1.5 seconds at 200 Ohms. The data was logged in the meter and downloaded back at base onto a PC running TR Systems software for handling the raw data information. Further processing of the data was carried out using Snuffler. The plots are displayed in their original raw data form and as several processed plots. The report was produced in digital form and printed by the recipient.

5. Interpretation of the results:

There were several parts to this investigation: further small areas tied in to the original survey, the middle bailey area between the path and moat (including the moat) to the west of the main castle area, the ECW raised areas further to the west, and the outer bailey between the moat and the mill leat to the north of the main moat.

Expansion of castle area: The first area surveyed is to the west of the house, extending south into the area previously surveyed, to enable positive positioning in respect to the first survey. A second small area was surveyed at the same time as the 100m x 20m strip over the ECW bastions, and aligned with them, this was to the south of the main castle site, and seems to show the drawbridge pit and the path to the south. Further surveys were carried out on 24 Nov, from the area of the gatehouse, to south of the mound and a 40 by 20m area including the mounds. This was very challenging, because of the height of the mound. We also surveyed from the garden of the cottage along the river bank towards the mound, but then realised most of this area was covered by the original survey. There is a distinct feature from the gatehouse area to the mound, which suggests it is a wall, possibly foundations or remains of a wall, because it is not as evident as other known walls. There is a projection from this feature, which may be later deposited rubble, but may also be associated with the castle. The mound survey shows definite features, possibly an entrance way into the keep area, but the results are not clear enough to say with certainty what is revealed. The top of the mound was surveyed on the 1st Dec, to check the results of 24 Nov, these were confirmed by the later survey. The area of the mound was also plotted onto the resistivity, so that we could determine which features were in the mound and which outside. The first survey, to the west of the cottage was extended north on 1st Dec, and shows the continuation of the wall around the inner edge of the moat. There appear to be features to the east of the cottage but it is unclear what they are, and the period they relate to.

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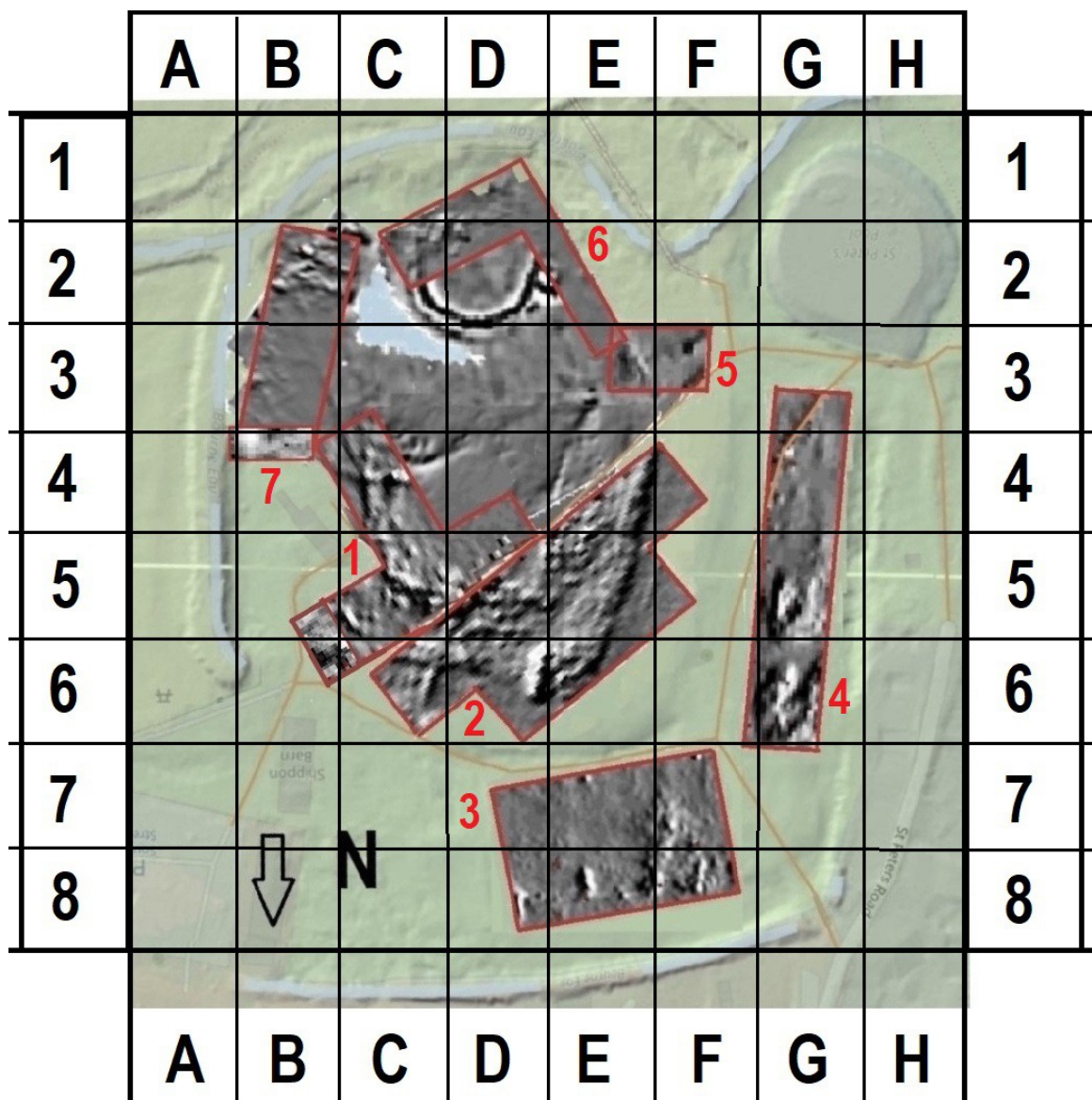


Figure 10 grid of area with area numbers

Middle bailey area: This part of the survey clearly shows the edge of the moat, with a probable curtain wall. It possibly shows where an area of wall has collapsed into the moat, and also the collapsed bridge at the north end. The results also suggest the inner wall of the buildings which would have been built against the curtain wall. There appears to be a tower or strong structure on the corner of the moat.

ECW platforms: Initially only one platform was surveyed using a 20x 15m grid, as the results apparently indicate a gun bastion inside the mound it was decided to survey all 4 mounds in a 100m x 20m grid. This revealed that only the two northern mounds appear to have structures inside them, the two lower ones do not. The shape of the structure is hard to determine without excavation.

Outer bailey: The area surveyed was 60m by 40m, but the results are unclear. There appears to be some revetting to the slope on the north of the survey, and either revetting or walls extending into the central area on the western side, but it is unclear what the feature may be. In the SW corner of the survey there is a rectangular feature, which may be the remnants of a building. The paler areas mirror the low-lying areas visible on the LIDAR image.

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6. Conclusions:

The purpose of the survey was to search for evidence using non-intrusive geophysical techniques for areas of any buried structural remains that may be associated with Bourne Castle and the English Civil War.

The additional resistance surveys have shown that there are high resistance anomalies that are well defined, suggesting a fair state of preservation.

Given the documentary evidence for the site, the many earthworks and parchmarks, previous excavations and the clear geophysics, it can therefore be concluded that there are substantial, well preserved and distinctly shaped structural remains on the site that could be associated with castle structures and English Civil War defences.

Location maps as original report.

Main Castle area

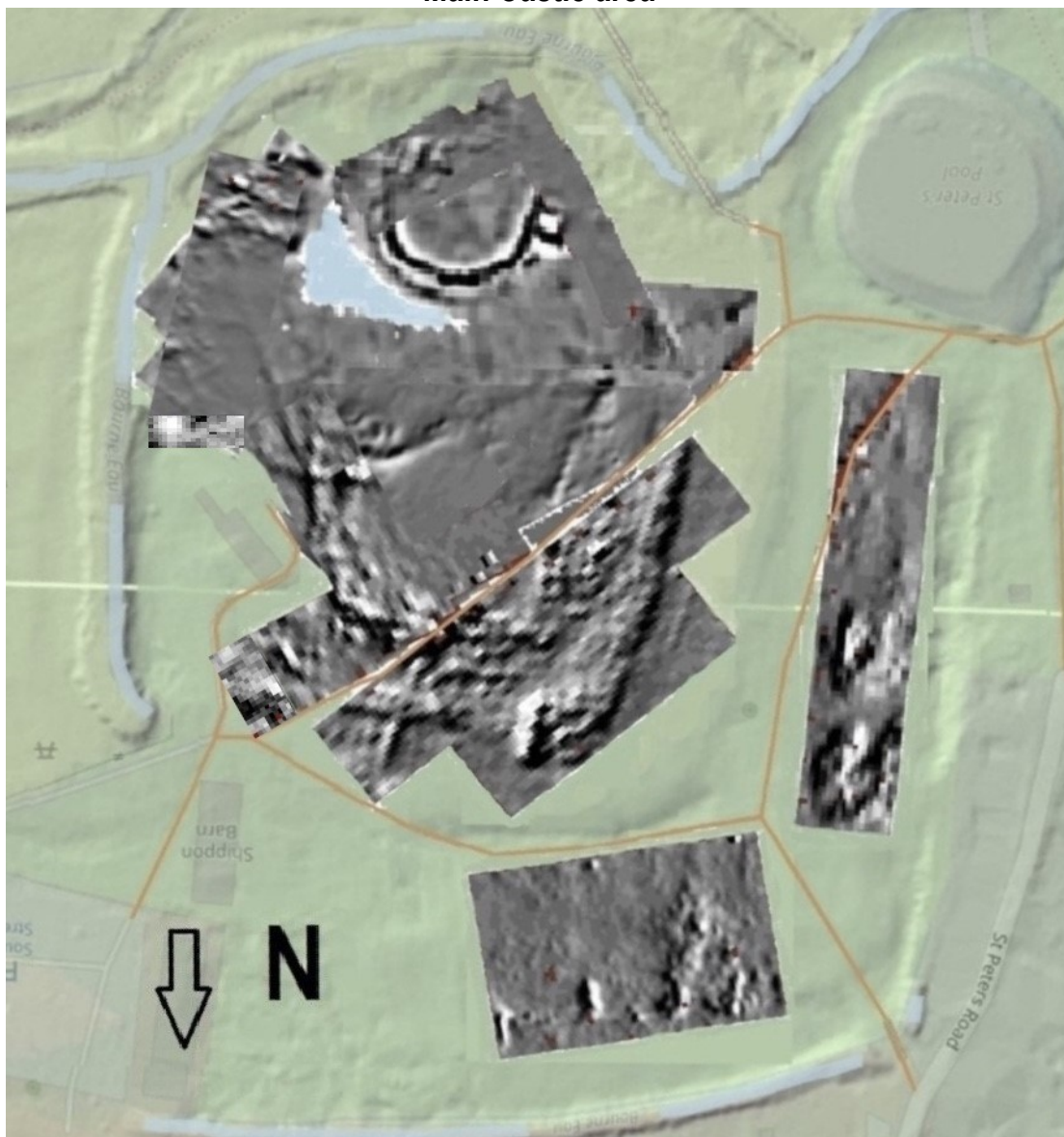


Figure 11: complete surveyed area

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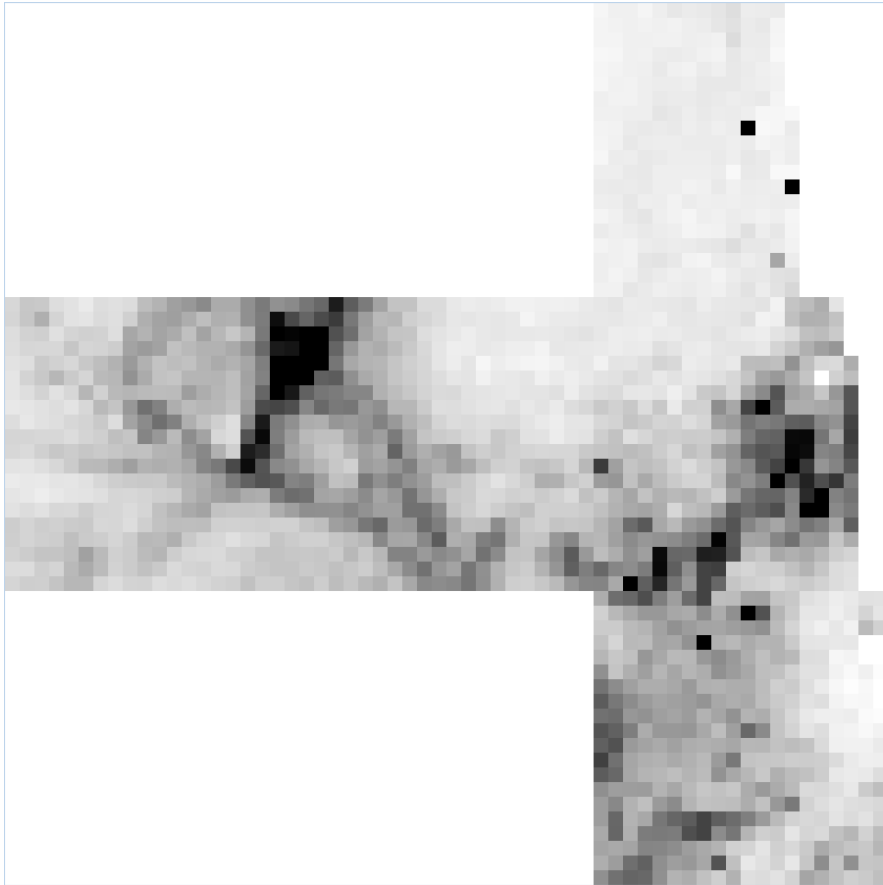


Figure 12: Raw resistance data west and south of house Area 1

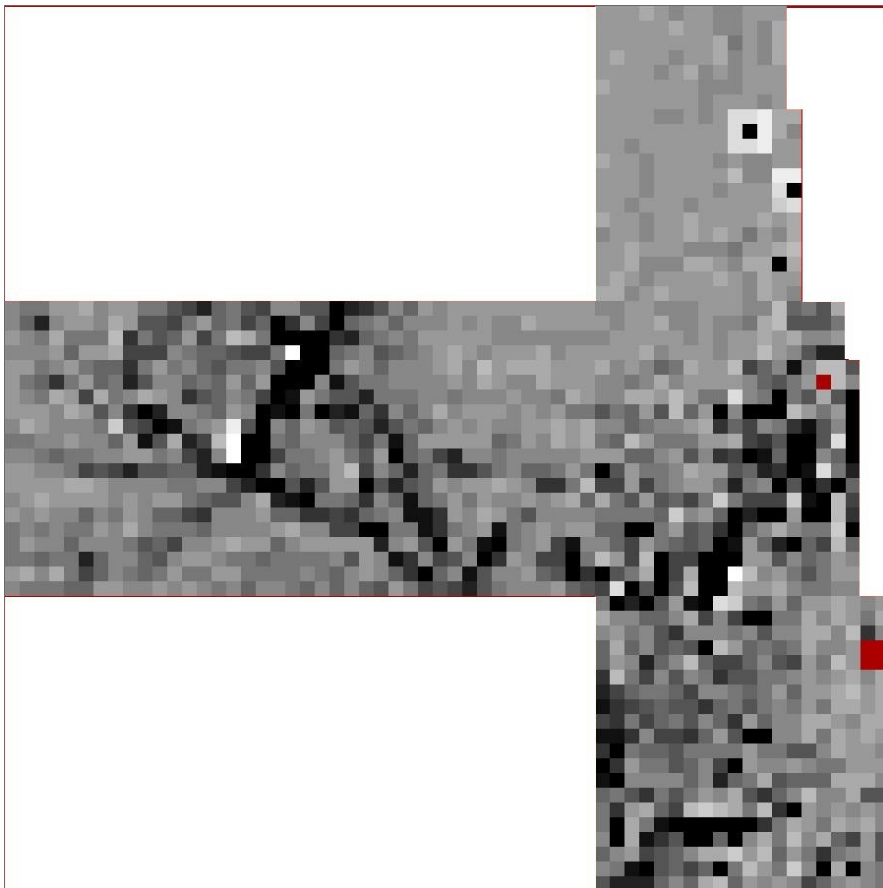


Figure 13: Resistance data sharpened west and south of house. Area 1

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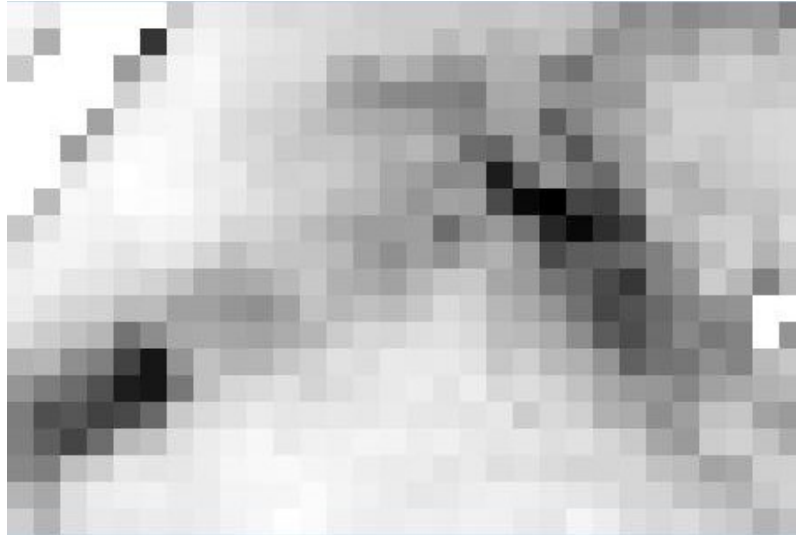


Figure 14: Southern gatehouse raw resistance data. Area 5

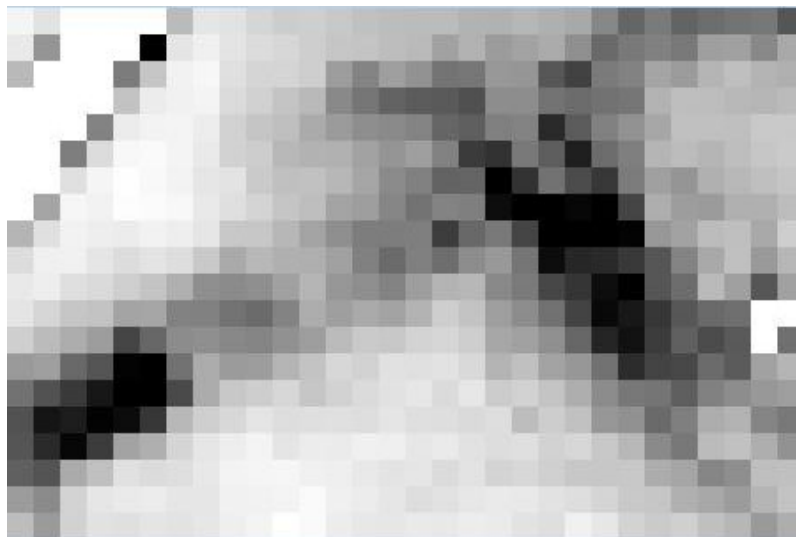


Figure 15: Southern gatehouse clipped resistance data. Area 5.

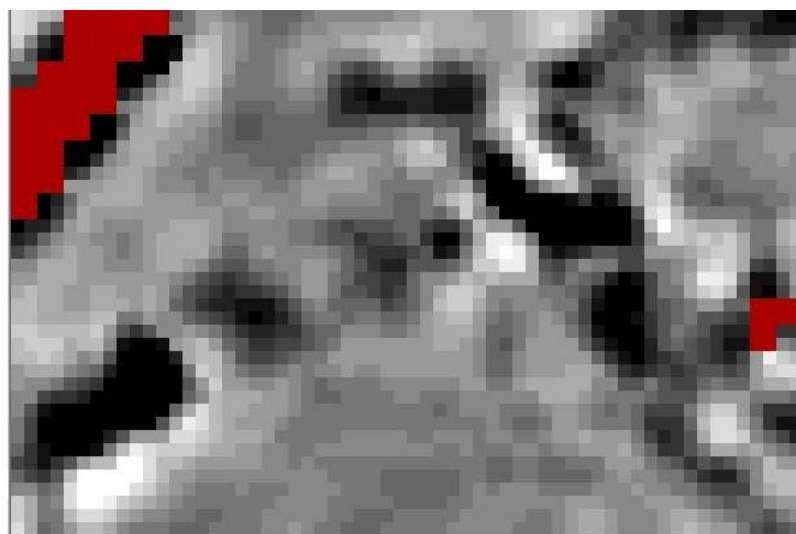


Figure 16: Southern gatehouse using Snuffler program, geology removed and interpolated.

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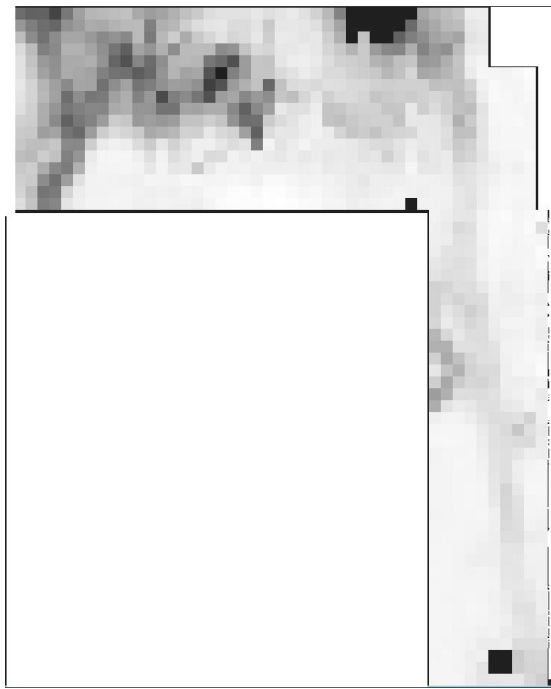


Figure 17: Mound raw resistance data

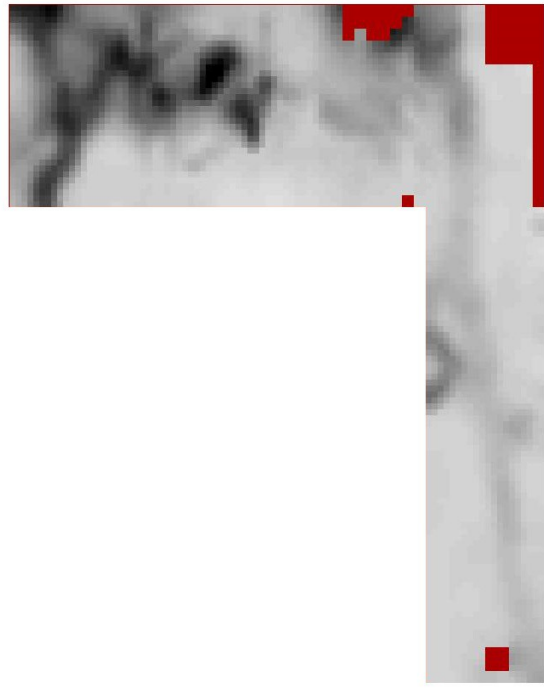


Figure 18: Mound interpolated Area 6



Figure 19: Manor house raw resistance data.



Figure 20: Manor house interpolated. Area 7

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Three small areas were surveyed on 1st Dec, the top of the mound, a small triangle extending the manor to the west, and west of the cottage, extending the first survey north. Only the raw data is shown for all 3.



Figure 20: East of cottage. Area 7A

Hedge line

Enough contrast to imply presence of features, but not clear enough to determine what they are.

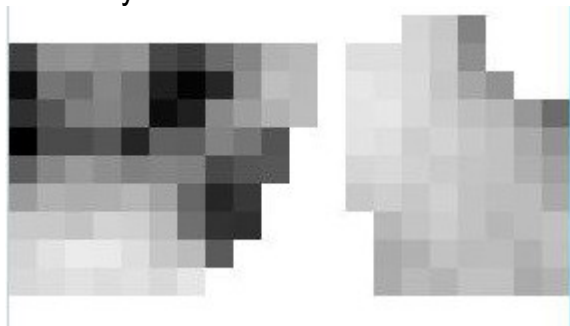


Figure 21: Top of mound, at angle to original Area 6A

Null readings through middle denote change in level of mound, which to the left is substantially higher than that to the right. Area 6A

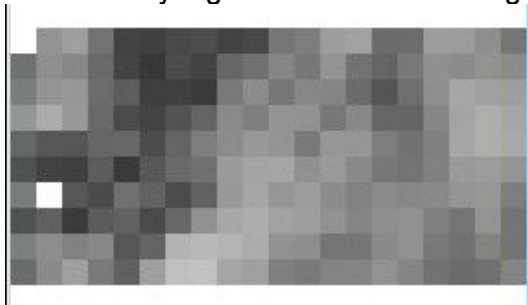


Figure 22: West of cottage, north at top. Area 1A

Dark area may be wall on outer edge of middle bailey.



Figure 23: Mound looking South West

Figure 24: Mound looking West

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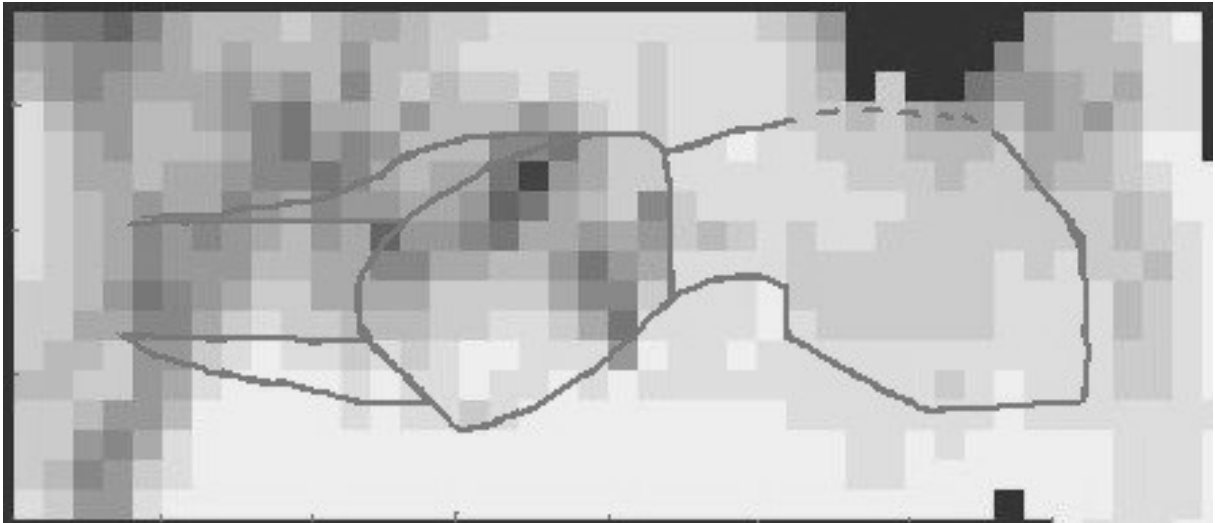


Figure 25: Extent of mound on resistivity. Area 6A

Middle Bailey and moat

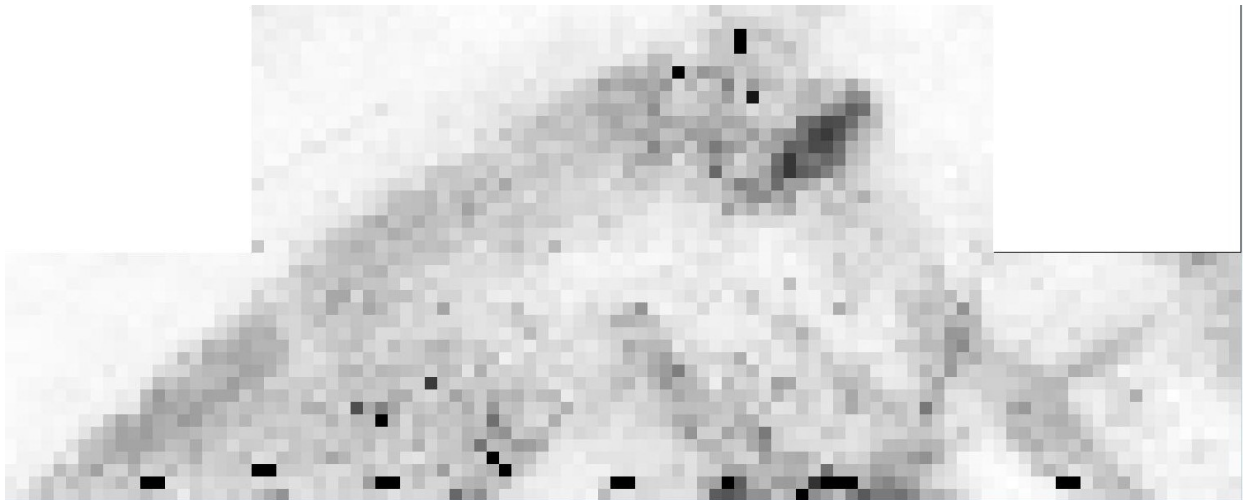


Figure 26: Raw resistance data. Area 2

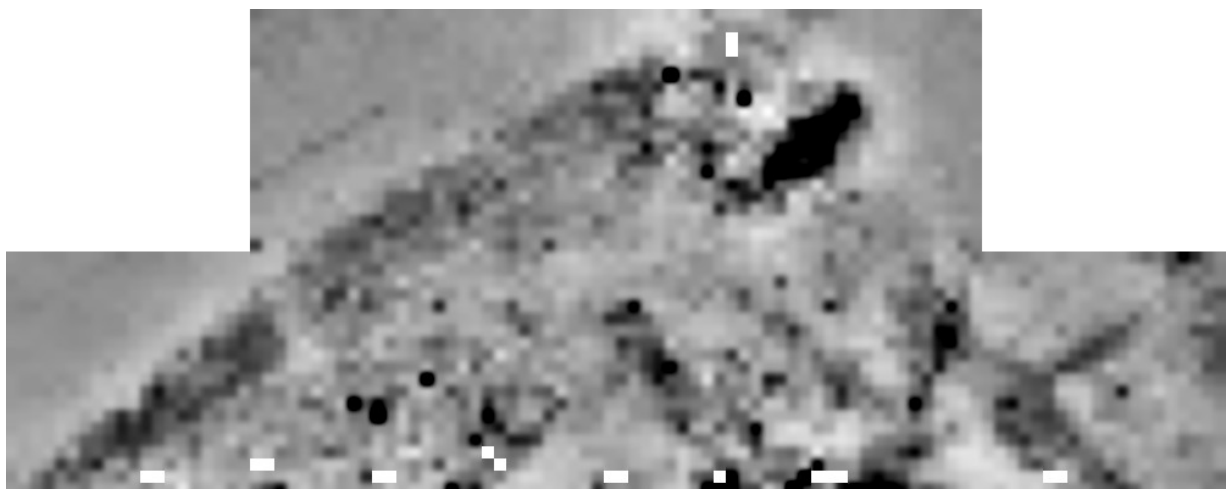


Figure 27: High pass and interpolated data.

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ECW platforms

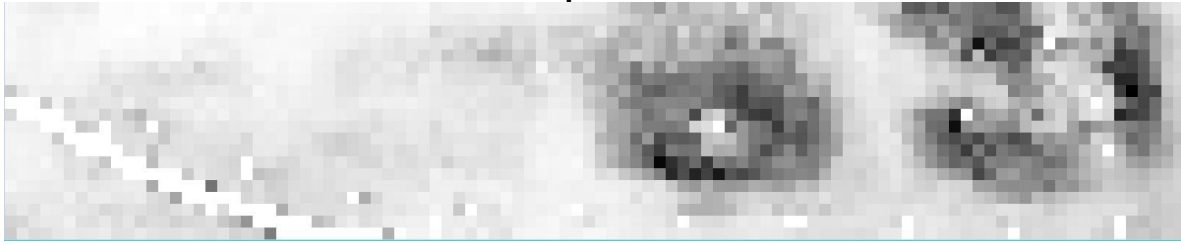


Figure 28: ECW platforms raw resistance data. Area 4

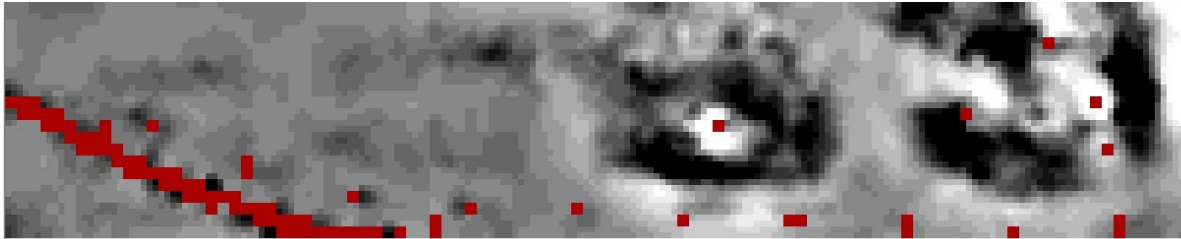


Figure 29: ECW platforms using Snuffler program, geology removed and interpolated. Trees and path in red.

Outer Bailey

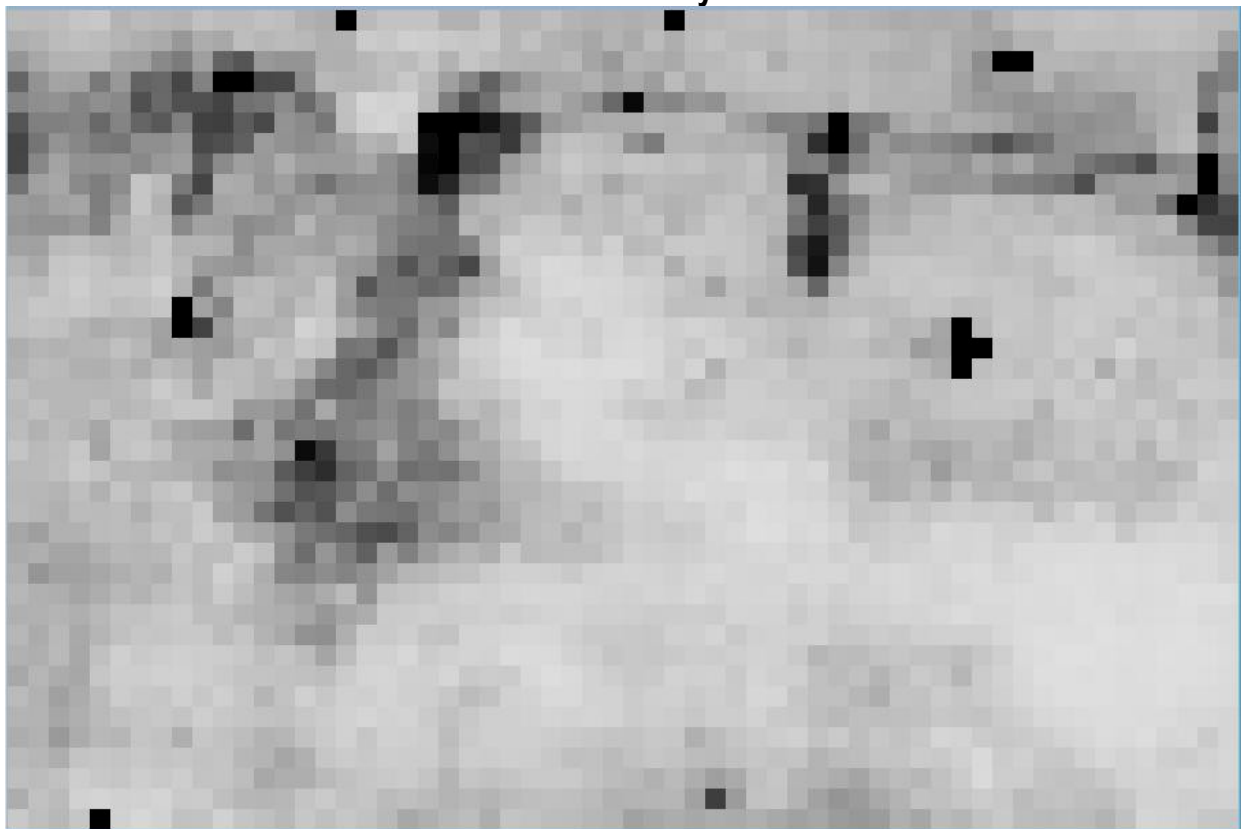


Figure 30 Raw resistance data. Area 3
Reading X5 Y0 is spurious high reading, which skews the results.

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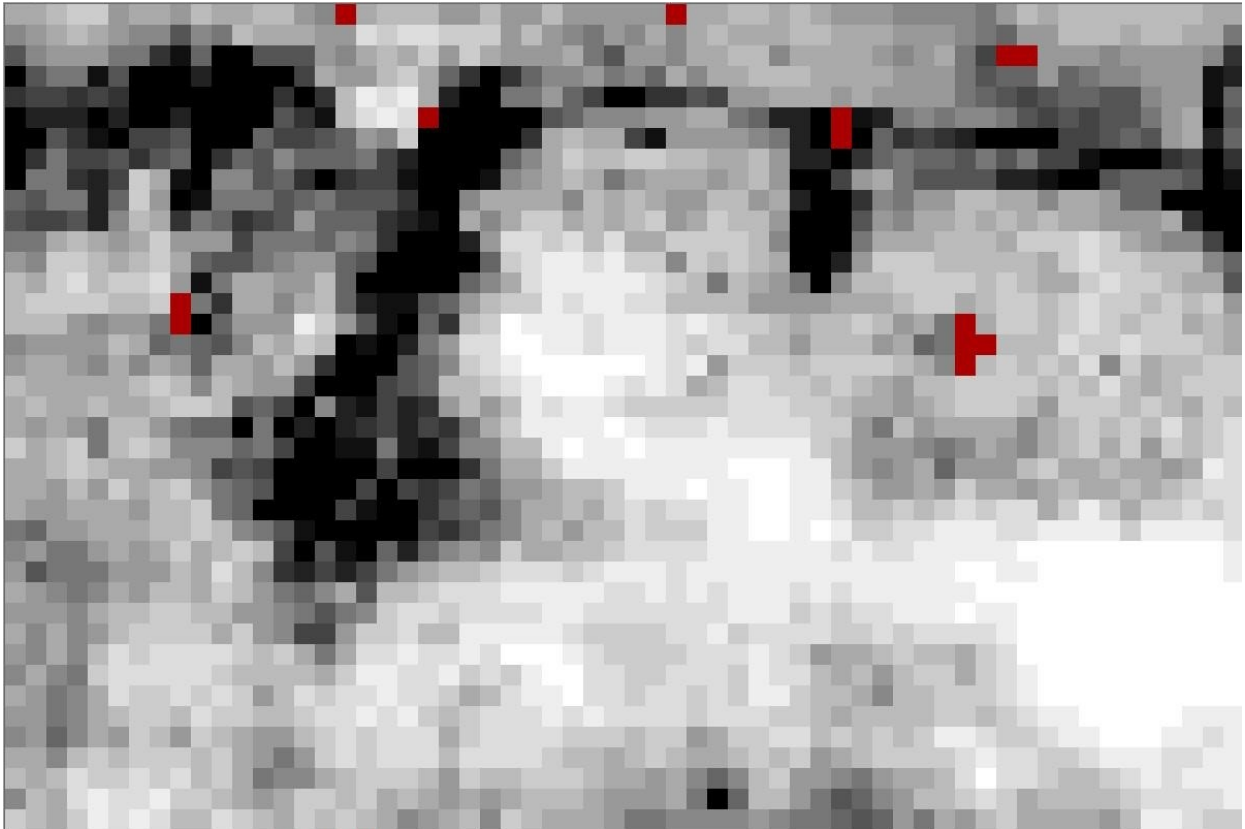


Figure 31: Processed using Snuffler, spurious reading removed, interpolated.

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Appendix to addendum

The intent of this survey is to expand the area surveyed in the original survey in 2006. Therefore many of the areas are small, separate surveys which have then been added to the original results. We have therefore not aligned them to the original grid, but fitted the m to the area being surveyed. Here we show each survey, the grid numbers and the start point for each grid.

Data Statistics

All statistics based on raw data.

Area surveyed:

Readings:

Max. reading:

Min reading:

Mean:

Std Dev:

Contacts

Peter and Aileen Ball

9 Wimberley Way

South Witham

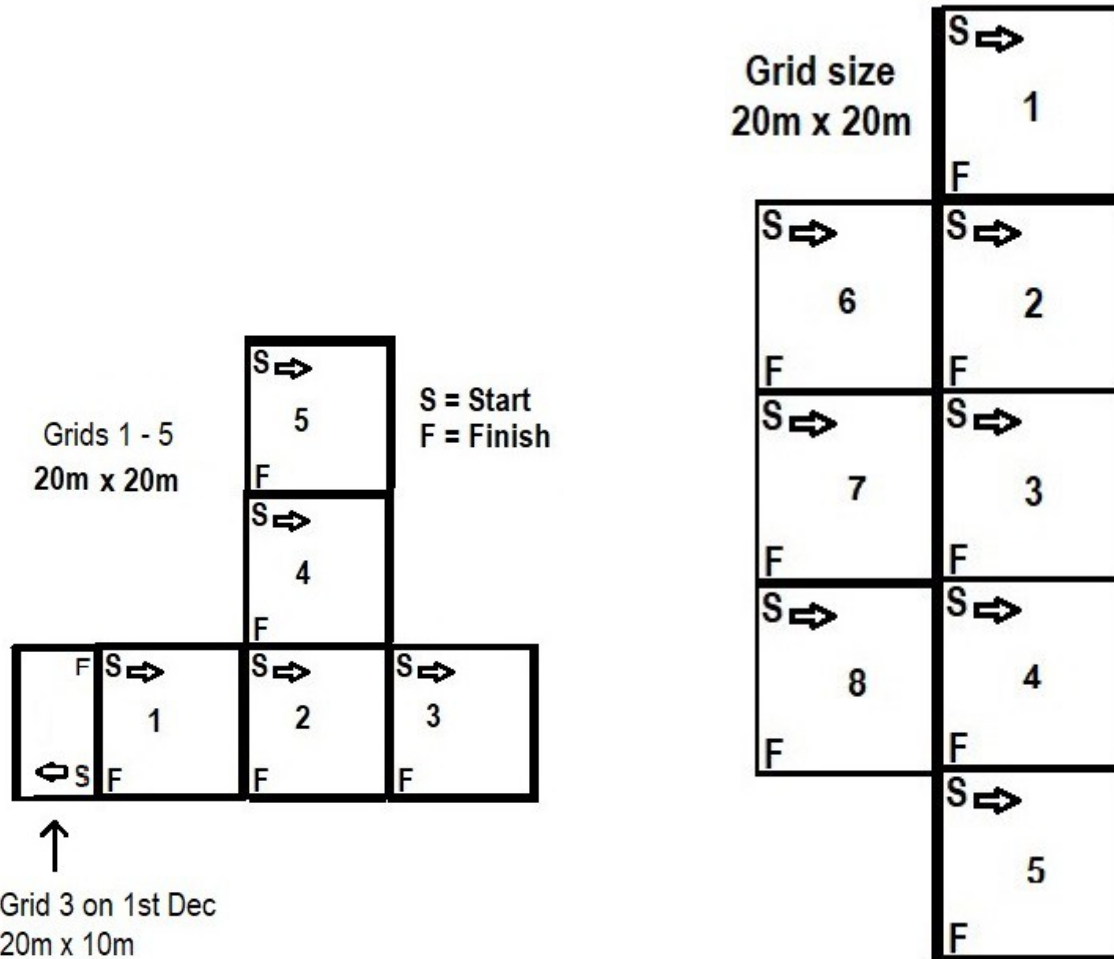
Lincolnshire

NG33 5PU

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Appendix to addendum

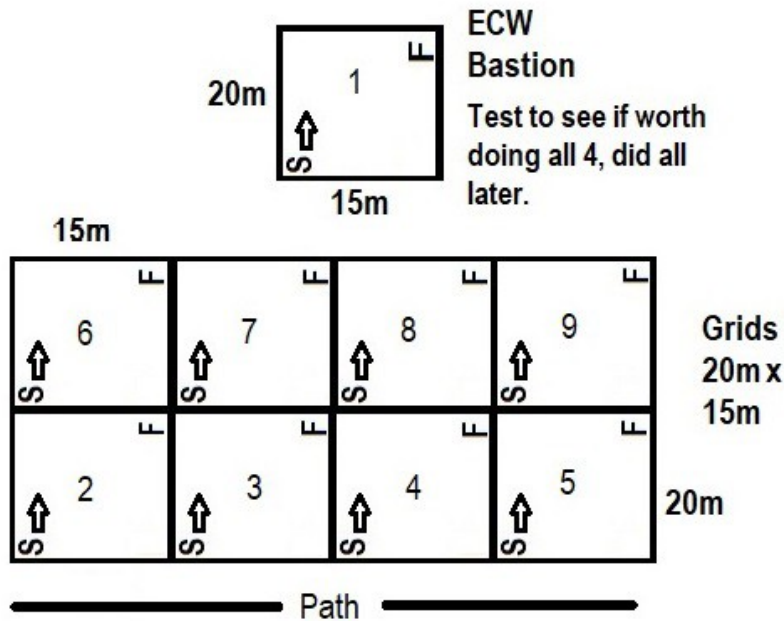
The intent of this survey is to expand the area surveyed in the original survey in 2006. Therefore many of the areas are small, separate surveys which have then been added to the original results. We have therefore not aligned them to the original grid, but fitted them to the area being surveyed. Here we show each survey, the grid numbers and the start point for each grid.



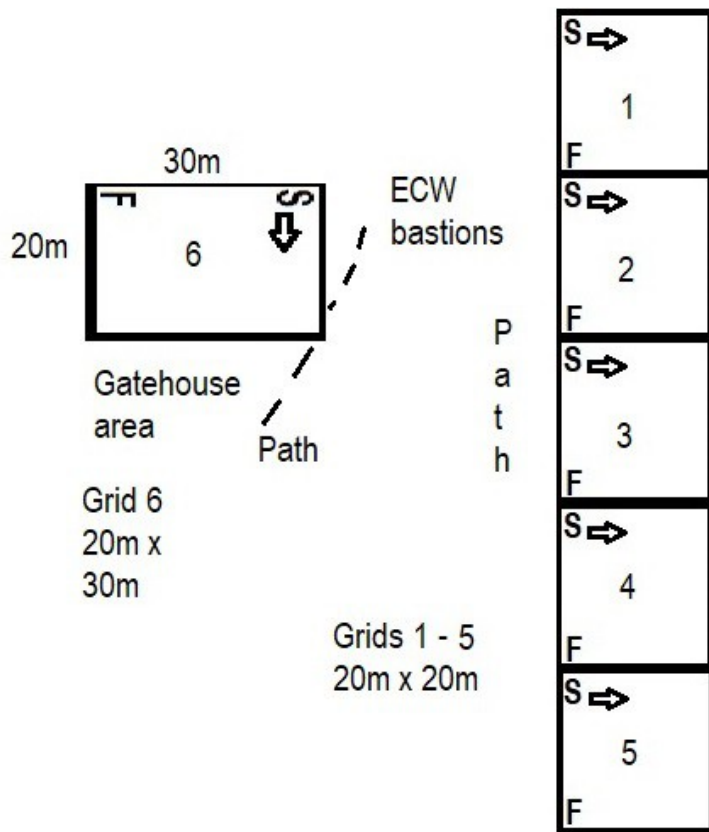
W and S of cottage, path alongside grids 1-3
Warm sunny day

W of path, path alongside 1-5
Warm sunny day

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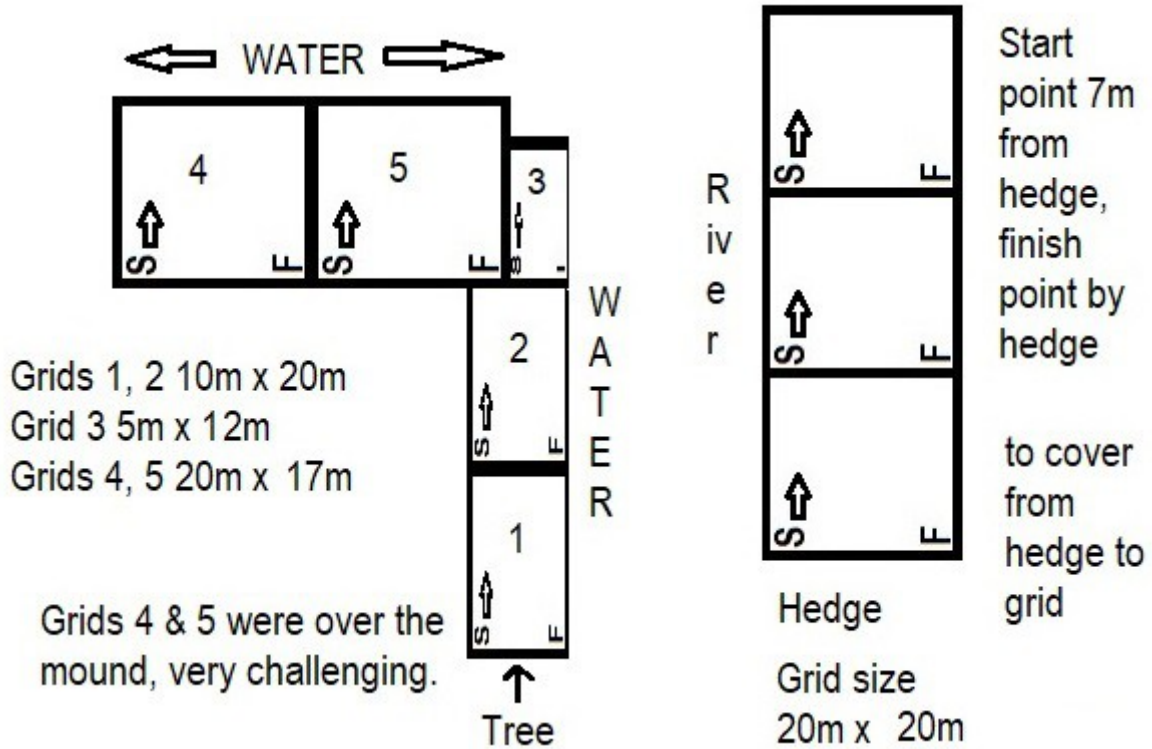


NW of Survey 2, warm day



Gatehouse not in position shown, actually corner cut by path 5m N from start point of ECW 1, 40m east. Overcast.

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Overcast, both areas carried out on same day. Grid 1 from last survey covers area between this survey and hedge.



Hedge

Grid to fill area between previous grids and hedge.
Grid size 20m x 10m



Grid on top of mound, covering highest mound and part of lower mound.
Grid size 20m x 10m

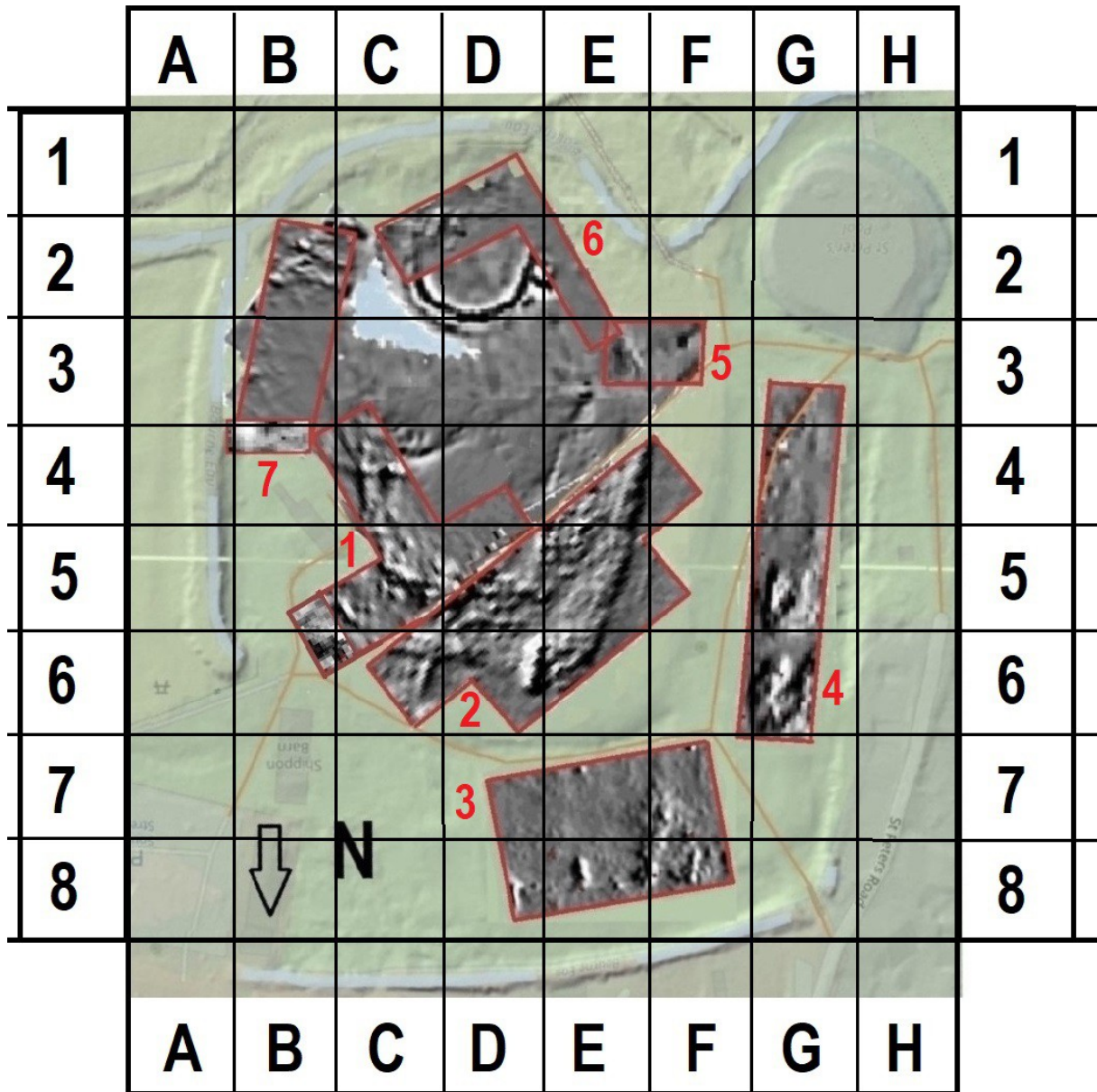


Hedge
Grid on west side of house, extending first survey north
Grid size 20m x 10m

Overcast, filling in areas.

BOURNE CASTLE SURVEY 2006 & 2021

APPENDIX OF DATA 2021.



Grid system for text files.

BOURNE CASTLE SURVEY 2006 & 2021

AREA 6 MOUND GRIDS C2-D1	3,4,34.90	6,14,44.83	10,7,44.74	14,0,22.94
	3,5,33.55	6,15,40.15	10,8,45.77	14,1,22.70
	3,6,42.27	6,16,37.71	10,9,50.19	14,2,21.59
	3,7,48.20	7,0,22.66	10,10,53.74	14,3,25.21
	3,8,45.64	7,1,22.91	10,11,59.55	14,4,25.74
	3,9,42.62	7,2,22.73	10,12,49.68	14,5,26.95
	3,10,43.12	7,3,22.48	10,13,42.39	14,6,30.77
	3,11,46.53	7,4,22.25	10,14,36.53	14,7,34.55
	3,12,47.01	7,5,24.70	10,15,36.28	14,8,42.06
	3,13,48.53	7,6,31.78	10,16,40.80	14,9,48.36
	3,14,47.93	7,7,44.18	11,0,23.18	14,10,44.10
	3,15,57.13	7,8,49.30	11,1,23.52	14,11,42.54
	3,16,65.57	7,9,52.19	11,2,22.55	14,12,36.94
	4,0,26.12	7,10,54.66	11,3,25.58	14,13,36.48
	4,1,30.08	7,11,50.69	11,4,27.47	14,14,40.26
	4,2,43.46	7,12,46.21	11,5,32.25	14,15,31.80
	4,3,52.06	7,13,46.99	11,6,40.66	14,16,35.03
	4,4,50.77	7,14,48.46	11,7,43.22	15,0,23.53
	4,5,48.48	7,15,40.98	11,8,46.01	15,1,22.83
	4,6,53.88	7,16,36.76	11,9,44.88	15,2,21.83
	4,7,58.47	8,0,22.23	11,10,51.31	15,3,32.81
	4,8,53.30	8,1,22.72	11,11,56.64	15,4,23.48
	4,9,55.52	8,2,22.88	11,12,56.00	15,5,23.51
	4,10,48.44	8,3,22.51	11,13,45.65	15,6,31.21
	4,11,40.35	8,4,21.88	11,14,52.33	15,7,34.35
	4,12,40.63	8,5,23.14	11,15,50.83	15,8,42.36
	4,13,38.77	8,6,28.23	11,16,43.66	15,9,53.61
	4,14,41.47	8,7,32.30	12,0,22.61	15,10,46.68
	4,15,46.84	8,8,40.50	12,1,23.17	15,11,41.32
	4,16,53.16	8,9,42.78	12,2,22.56	15,12,37.72
	5,0,23.49	8,10,47.61	12,3,22.48	15,13,36.17
	5,1,24.12	8,11,54.23	12,4,22.82	15,14,33.17
	5,2,27.25	8,12,57.51	12,5,26.00	15,15,28.03
	5,3,38.89	8,13,53.68	12,6,39.19	15,16,32.58
	5,4,45.88	8,14,46.29	12,7,45.01	16,0,22.10
	5,5,49.02	8,15,38.21	12,8,53.86	16,1,21.44
	5,6,56.43	8,16,35.66	12,9,63.88	16,2,22.35
	5,7,53.01	9,0,22.41	12,10,46.76	16,3,25.05
	5,8,50.99	9,1,22.45	12,11,46.00	16,4,28.71
	5,9,47.52	9,2,23.07	12,12,47.50	16,5,23.44
	5,10,41.75	9,3,22.19	12,13,39.22	16,6,25.57
	5,11,41.03	9,4,22.24	12,14,37.19	16,7,31.87
	5,12,40.49	9,5,24.08	12,15,39.15	16,8,40.03
5,13,38.73	9,6,30.13	12,16,42.28	16,9,62.61	
5,14,41.66	9,7,33.53	13,0,22.84	16,10,66.69	
5,15,44.15	9,8,39.26	13,1,23.42	16,11,62.25	
5,16,42.87	9,9,39.34	13,2,22.85	16,12,53.38	
6,0,22.68	9,10,42.49	13,3,25.67	16,13,36.27	
6,1,22.95	9,11,54.80	13,4,27.91	16,14,29.71	
6,2,22.97	9,12,62.54	13,5,30.75	16,15,26.36	
6,3,23.42	9,13,58.97	13,6,37.36	16,16,28.07	
6,4,24.92	9,14,48.85	13,7,43.80	17,0,20.61	
6,5,31.75	9,15,36.86	13,8,53.97	17,1,21.38	
6,6,43.96	9,16,34.92	13,9,51.12	17,2,22.04	
6,7,50.32	10,0,23.23	13,10,43.53	17,3,22.62	
6,8,49.22	10,1,22.88	13,11,38.18	17,4,28.37	
6,9,52.99	10,2,23.20	13,12,37.75	17,5,25.96	
6,10,42.13	10,3,22.74	13,13,47.84	17,6,29.18	
6,11,42.38	10,4,23.49	13,14,32.01	17,7,34.11	
6,12,39.42	10,5,28.63	13,15,37.42	17,8,39.76	
6,13,41.92	10,6,32.64	13,16,39.03	17,9,43.65	

BOURNE CASTLE SURVEY 2006 & 2021

17,10,62.21	21,4,24.62	24,15,25.89	28,9,28.70	32,14,58.21
17,11,75.04	21,5,22.55	24,16,27.10	28,10,28.91	33,1,22.99
17,12,56.37	21,6,28.10	25,0,21.19	28,11,30.85	33,2,22.90
17,13,48.24	21,7,32.15	25,1,21.38	28,12,31.77	33,3,21.74
17,14,26.76	21,8,43.04	25,2,22.60	28,13,38.17	33,4,23.53
17,15,25.60	21,9,47.44	25,3,23.14	29,0,23.18	33,5,24.37
17,16,26.78	21,10,56.99	25,4,24.47	29,1,24.48	33,6,29.54
18,0,20.34	21,11,34.02	25,5,24.34	29,2,25.62	33,7,25.61
18,1,20.51	21,12,34.45	25,6,23.05	29,3,24.63	33,8,25.20
18,2,21.56	21,13,30.11	25,7,23.20	29,4,26.68	33,9,32.28
18,3,23.12	21,14,31.69	25,8,24.19	29,5,26.84	33,10,31.26
18,4,23.14	21,15,32.79	25,9,26.43	29,6,32.28	33,11,29.75
18,5,28.19	21,16,27.38	25,10,28.97	29,7,31.71	33,12,33.80
18,6,30.59	22,0,19.61	25,11,26.14	29,8,30.77	33,13,39.70
18,7,46.29	22,1,20.19	25,12,24.76	29,9,30.30	33,14,51.10
18,8,48.73	22,2,21.08	25,13,25.72	29,10,29.45	33,15,56.16
18,9,41.26	22,3,23.60	25,14,25.58	29,11,32.00	34,0,22.92
18,10,44.20	22,4,25.37	25,15,27.70	29,12,32.65	34,1,23.46
18,11,50.80	22,5,26.40	25,16,30.61	29,13,32.70	34,2,23.03
18,12,62.75	22,6,25.52	26,0,22.22	29,14,34.40	34,3,25.47
18,13,46.35	22,7,28.59	26,1,22.60	30,0,22.85	34,4,26.86
18,14,29.82	22,8,25.34	26,2,22.86	30,1,23.65	34,5,25.47
18,15,28.56	22,9,33.74	26,3,24.77	30,2,23.79	34,6,25.26
18,16,26.69	22,10,34.85	26,4,25.28	30,3,25.04	34,7,25.66
19,0,20.43	22,11,28.69	26,5,24.49	30,4,26.17	34,8,31.64
19,1,20.29	22,12,26.14	26,6,24.62	30,5,28.58	34,9,30.92
19,2,22.00	22,13,25.65	26,7,34.20	30,6,34.34	34,10,31.45
19,3,22.88	22,14,24.73	26,8,34.15	30,7,31.06	34,11,41.28
19,4,24.47	22,15,25.72	26,9,31.05	30,8,30.85	34,12,45.06
19,5,26.59	22,16,26.24	26,10,27.52	30,9,33.94	34,13,49.95
19,6,42.99	23,0,20.25	26,11,28.66	30,10,31.15	34,14,47.43
19,7,55.37	23,1,21.05	26,12,28.05	30,11,33.22	34,15,44.04
19,8,58.46	23,2,21.94	26,13,29.91	30,12,38.04	34,16,41.46
19,9,48.90	23,3,23.45	26,14,31.66	30,13,44.15	35,0,22.89
19,10,38.95	23,4,24.02	26,15,34.43	31,0,22.49	35,1,23.00
19,11,44.27	23,5,24.38	26,16,36.97	31,1,23.35	35,2,23.35
19,12,44.12	23,6,25.93	27,0,22.32	31,2,23.87	35,3,25.76
19,13,34.08	23,7,26.64	27,1,23.04	31,3,25.80	35,4,25.28
19,14,28.46	23,8,27.48	27,2,23.49	31,4,30.90	35,5,25.22
19,15,28.26	23,9,35.46	27,3,24.44	31,5,29.07	35,6,25.74
19,16,26.73	23,10,28.45	27,4,24.86	31,6,31.24	35,7,25.96
20,0,20.53	23,11,26.70	27,5,24.57	31,7,31.39	35,8,28.31
20,1,21.24	23,12,24.10	27,6,30.08	31,8,33.94	35,9,29.57
20,2,22.99	23,13,25.42	27,7,35.18	31,9,32.58	35,10,35.19
20,3,23.65	23,14,25.00	27,8,33.55	31,10,31.75	35,11,40.34
20,4,23.16	23,15,25.70	27,9,28.68	31,11,37.34	35,12,44.19
20,5,51.31	23,16,24.90	27,10,27.98	31,12,39.76	35,13,45.13
20,6,58.54	24,0,21.00	27,11,28.84	31,13,48.96	35,14,42.15
20,7,54.98	24,1,22.10	27,12,30.98	32,0,22.76	35,15,40.63
20,8,48.72	24,2,22.85	27,13,33.19	32,1,22.76	35,16,38.18
20,9,44.84	24,3,23.65	27,14,38.92	32,2,23.65	36,0,23.39
20,10,34.66	24,4,25.21	27,15,42.19	32,3,25.80	36,1,23.27
20,11,33.91	24,5,22.64	27,16,50.36	32,4,26.94	36,2,23.78
20,12,33.89	24,6,24.27	28,0,23.82	32,5,26.55	36,3,24.59
20,13,28.91	24,7,24.28	28,1,24.33	32,6,30.36	36,4,24.59
20,14,25.58	24,8,27.15	28,2,24.59	32,7,34.36	36,5,28.07
20,15,26.47	24,9,29.80	28,3,25.00	32,8,33.76	36,6,27.33
20,16,25.38	24,10,27.84	28,4,24.98	32,9,31.88	36,7,28.86
21,0,19.83	24,11,24.30	28,5,25.33	32,10,31.45	36,8,31.47
21,1,19.86	24,12,23.82	28,6,33.83	32,11,34.84	36,9,31.06
21,2,21.23	24,13,24.63	28,7,32.82	32,12,35.27	36,10,34.88
21,3,23.54	24,14,26.17	28,8,31.44	32,13,49.72	36,11,37.59

BOURNE CASTLE SURVEY 2006 & 2021

36,12,39.32		A	0,47,21.82	2,5,22.41	3,15,21.75
36,13,46.70		R	0,48,21.76	2,6,22.45	3,16,21.86
36,14,40.05		E	0,49,21.20	2,7,22.47	3,17,22.01
36,15,36.96		A	0,50,21.26	2,8,22.50	3,18,21.99
36,16,35.93		A	0,51,22.30	2,9,22.57	3,19,21.73
37,0,25.52		6	1,0,22.22	2,10,22.68	3,20,21.97
37,1,25.39		G	1,1,22.14	2,11,22.64	3,21,22.26
37,2,26.89		R	1,2,22.06	2,12,22.17	3,22,23.98
37,3,28.12		I	1,3,22.33	2,13,22.27	3,23,25.41
37,4,31.32		D	1,4,22.12	2,14,22.17	3,24,28.05
37,5,32.88		S	1,5,22.07	2,15,22.05	3,25,29.82
37,6,35.35		D	1,6,22.10	2,16,22.00	3,26,30.78
37,7,39.13		2	1,7,22.35	2,17,21.98	3,27,29.73
37,8,35.05		-	1,8,22.25	2,18,21.83	3,28,27.31
37,9,35.60		E	1,9,22.04	2,19,21.91	3,29,28.11
37,10,35.30		E	1,10,21.91	2,20,21.89	3,30,29.70
37,11,34.43	0,0,22.23		1,11,21.98	2,21,21.88	3,31,31.33
37,12,34.08	0,1,22.26		1,12,22.21	2,22,22.67	3,32,28.45
37,13,36.29	0,2,22.36		1,13,22.39	2,23,24.65	3,33,28.14
37,14,41.91	0,3,22.18		1,14,22.34	2,24,27.84	3,34,26.87
37,15,35.82	0,4,22.23		1,15,22.39	2,25,32.52	3,35,27.18
37,16,33.90	0,5,22.13		1,16,22.72	2,26,38.58	3,36,26.43
38,0,26.75	0,6,22.10		1,17,22.66	2,27,34.79	3,37,26.81
38,1,26.49	0,7,22.17		1,18,22.43	2,28,27.19	3,38,27.38
38,2,26.56	0,8,22.15		1,19,22.31	2,29,25.22	3,39,26.20
38,3,27.08	0,9,21.83		1,20,21.59	2,30,27.03	3,40,21.96
38,4,30.08	0,10,22.11		1,21,21.73	2,31,28.03	3,41,21.72
38,5,30.92	0,11,22.08		1,22,22.60	2,32,30.33	3,42,21.78
38,6,35.05	0,12,22.35		1,23,26.70	2,33,27.91	3,43,21.96
38,7,32.35	0,13,22.44		1,24,39.27	2,34,27.49	3,44,21.16
38,8,35.98	0,14,22.56		1,25,40.95	2,35,27.94	3,45,21.76
38,9,33.04	0,15,22.35		1,26,34.28	2,36,26.66	3,46,21.83
38,10,30.85	0,16,22.44		1,27,40.43	2,37,26.98	3,47,22.25
38,11,24.63	0,17,22.42		1,28,39.02	2,38,28.67	3,48,22.32
38,12,23.44	0,18,22.66		1,29,29.34	2,39,25.65	3,49,21.41
38,13,25.14	0,19,22.58		1,30,24.59	2,40,22.40	3,50,20.99
38,14,26.88	0,20,21.79		1,31,26.06	2,41,21.77	3,51,20.53
38,15,25.53	0,21,21.97		1,32,28.39	2,42,21.93	4,0,25.93
38,16,24.17	0,22,23.59		1,33,30.13	2,43,23.37	4,1,26.27
39,0,24.24	0,23,39.62		1,34,27.86	2,44,22.20	4,2,23.02
39,1,24.21	0,24,43.53		1,35,26.86	2,45,21.70	4,3,24.29
39,2,24.69	0,25,31.66		1,36,26.58	2,46,21.79	4,4,23.05
39,3,25.08	0,26,25.80		1,37,24.16	2,47,21.44	4,5,22.51
39,4,26.25	0,27,31.10		1,38,24.52	2,48,21.79	4,6,22.24
39,5,26.02	0,28,38.92		1,39,23.87	2,49,22.29	4,7,22.43
39,6,26.25	0,29,37.49		1,40,21.55	2,50,21.95	4,8,22.42
39,7,26.17	0,30,29.82		1,41,21.57	2,51,21.60	4,9,22.70
39,8,26.53	0,31,30.59		1,42,21.84	3,0,23.71	4,10,24.00
39,9,24.22	0,32,30.52		1,43,22.36	3,1,23.52	4,11,23.54
39,10,23.19	0,33,30.68		1,44,22.19	3,2,23.66	4,12,22.78
39,11,21.71	0,34,26.64		1,45,21.73	3,3,22.77	4,13,22.36
39,12,22.19	0,35,25.42		1,46,21.87	3,4,22.58	4,14,21.77
39,13,24.32	0,36,24.22		1,47,21.60	3,5,22.27	4,15,21.92
39,14,25.36	0,37,23.46		1,48,21.65	3,6,21.74	4,16,22.14
39,15,24.84	0,38,23.34		1,49,21.57	3,7,21.92	4,17,22.58
39,16,23.83	0,39,22.85		1,50,21.95	3,8,22.40	4,18,23.09
	0,40,21.72		1,51,22.46	3,9,22.97	4,19,23.46
	0,41,21.91		2,0,22.31	3,10,23.52	4,20,24.09
	0,42,22.78		2,1,22.55	3,11,22.93	4,21,24.91
	0,43,24.12		2,2,22.48	3,12,22.39	4,22,26.25
	0,44,22.90		2,3,22.49	3,13,22.48	4,23,27.12
	0,45,22.08		2,4,22.66	3,14,21.93	4,24,28.27
	0,46,22.20				

BOURNE CASTLE SURVEY 2006 & 2021

4,25,30.24	6,11,26.12	7,33,23.14	9,15,22.21	0,32,18.49
4,26,28.89	6,12,27.70	7,34,22.93	9,16,21.87	0,33,19.92
4,27,27.39	6,13,28.47	7,35,22.10	9,17,22.02	0,34,20.11
4,28,27.79	6,14,29.36	7,36,22.21	9,18,21.84	0,35,19.56
4,29,28.05	6,15,29.53	7,37,22.14	9,19,23.94	0,36,20.22
4,30,28.02	6,16,30.11	7,38,21.82	9,20,24.32	0,37,22.25
4,31,29.20	6,17,27.65	7,39,22.11	9,21,25.11	0,38,22.27
4,32,28.33	6,18,27.56	8,0,29.09	9,22,23.81	0,39,28.68
4,33,25.18	6,19,27.34	8,1,30.19	9,23,23.52	0,40,29.56
4,34,23.32	6,20,27.89	8,2,29.90	9,24,24.88	0,41,28.61
4,35,23.14	6,21,28.79	8,3,28.08	9,25,22.33	0,42,30.28
4,36,23.61	6,22,27.91	8,4,26.53	9,26,20.71	0,43,48.67
4,37,22.98	6,23,25.68	8,5,26.84	9,27,21.24	0,44,31.86
4,38,22.92	6,24,24.12	8,6,27.01	9,28,22.67	0,45,28.89
4,39,22.61	6,25,23.69	8,7,25.43	9,29,24.35	0,46,35.95
5,0,25.77	6,26,23.61	8,8,24.79	9,30,23.72	0,47,36.20
5,3,24.37	6,27,23.36	8,9,23.56	9,31,22.92	0,49,36.22
5,4,22.83	6,28,22.90	8,10,23.33	9,32,23.43	0,50,25.13
5,5,22.92	6,29,23.55	8,11,23.12	9,33,22.60	0,51,21.70
5,6,23.16	6,30,22.53	8,12,24.34	9,34,22.43	0,52,19.91
5,7,23.17	6,31,23.45	8,13,22.91	9,35,20.94	0,53,18.64
5,8,22.63	6,32,23.66	8,14,22.48	9,36,20.50	0,54,21.57
5,9,23.05	6,33,24.21	8,15,22.50	9,37,21.83	0,55,28.02
5,10,23.67	6,34,22.82	8,16,21.73	9,38,27.58	0,56,24.95
5,11,23.94	6,35,22.41	8,17,22.03	9,39,20.68	0,57,26.08
5,12,23.74	6,36,21.85	8,18,22.66		0,58,28.41
5,13,23.56	6,37,21.67	8,19,23.59		0,59,19.70
5,14,23.62	6,38,21.37	8,20,28.66		1,0,15.49
5,15,24.99	6,39,20.90	8,21,27.66		1,1,13.81
5,16,25.67	7,0,25.52	8,22,30.50		1,2,14.82
5,17,25.88	7,1,32.08	8,23,22.88		1,3,14.57
5,18,26.60	7,2,32.35	8,24,22.53		1,4,15.57
5,19,26.67	7,3,28.13	8,25,23.25		1,5,16.28
5,20,27.03	7,4,25.40	8,26,22.20		1,6,17.81
5,21,26.96	7,5,26.18	8,27,21.57		1,7,17.98
5,22,28.04	7,6,26.99	8,28,21.86		1,8,18.90
5,23,27.43	7,7,26.19	8,29,22.51		1,9,17.65
5,24,27.09	7,8,25.77	8,30,22.40		1,10,17.10
5,25,28.24	7,9,26.22	8,31,22.25		1,11,19.03
5,26,28.78	7,10,25.74	8,32,22.83		1,12,20.91
5,27,26.99	7,11,26.25	8,33,22.25		1,13,23.66
5,28,26.55	7,12,27.84	8,34,21.80		1,14,23.97
5,29,24.64	7,13,27.64	8,35,21.69		1,15,34.17
5,30,24.27	7,14,27.24	8,36,22.00		1,16,41.99
5,31,23.61	7,15,26.87	8,37,21.55		1,17,45.77
5,32,23.06	7,16,25.16	8,38,20.92		1,18,36.60
5,33,22.62	7,17,23.95	8,39,21.37		1,19,28.73
5,34,21.68	7,18,23.72	9,0,31.60		1,20,28.83
5,35,21.74	7,19,26.03	9,1,29.88		1,21,26.32
5,36,21.66	7,20,28.59	9,2,29.26		1,22,27.02
5,37,21.14	7,21,33.39	9,3,27.89		1,23,25.95
5,38,21.37	7,22,27.28	9,4,25.92		1,24,27.92
5,39,21.36	7,23,24.86	9,5,24.98		1,25,23.75
6,0,25.39	7,24,23.28	9,6,24.24		1,26,21.74
6,3,23.91	7,25,24.03	9,7,23.88		1,27,22.69
6,4,24.62	7,26,21.95	9,8,23.08		1,28,20.64
6,5,23.57	7,27,22.53	9,9,23.25		1,29,25.63
6,6,24.42	7,28,22.62	9,10,23.30		1,30,20.81
6,7,24.67	7,29,23.01	9,11,23.13		1,31,17.44
6,8,25.44	7,30,22.52	9,12,23.85		1,32,19.08
6,9,25.95	7,31,23.30	9,13,23.23		1,33,16.33
6,10,26.37	7,32,23.66	9,14,22.59		1,34,16.68

AREA 7

GRIDS

B2-B4

0,0,15.88	1,3,14.57
0,1,14.86	1,4,15.57
0,2,14.90	1,5,16.28
0,3,15.23	1,6,17.81
0,4,15.41	1,7,17.98
0,5,16.57	1,8,18.90
0,6,17.27	1,9,17.65
0,7,16.16	1,10,17.10
0,8,18.74	1,11,19.03
0,9,17.78	1,12,20.91
0,10,16.86	1,13,23.66
0,11,17.79	1,14,23.97
0,12,18.66	1,15,34.17
0,13,22.22	1,16,41.99
0,14,25.72	1,17,45.77
0,15,36.57	1,18,36.60
0,16,41.76	1,19,28.73
0,17,44.45	1,20,28.83
0,18,28.91	1,21,26.32
0,19,28.42	1,22,27.02
0,20,31.30	1,23,25.95
0,21,25.13	1,24,27.92
0,22,24.50	1,25,23.75
0,23,23.89	1,26,21.74
0,24,23.11	1,27,22.69
0,25,25.39	1,28,20.64
0,26,22.28	1,29,25.63
0,27,22.30	1,30,20.81
0,28,26.44	1,31,17.44
0,29,20.53	1,32,19.08
0,30,22.62	1,33,16.33
0,31,18.97	1,34,16.68

BOURNE CASTLE SURVEY 2006 & 2021

1,35,17.85	2,37,32.97	3,39,32.51	4,41,37.87	5,43,49.81
1,36,18.17	2,38,32.24	3,40,38.30	4,42,49.89	5,44,53.60
1,37,21.47	2,39,36.24	3,41,44.71	4,43,52.88	5,45,47.17
1,38,25.05	2,40,42.23	3,42,63.43	4,44,53.14	5,46,43.19
1,39,32.17	2,41,49.91	3,43,68.60	4,45,51.41	5,47,53.99
1,40,36.41	2,42,70.76	3,44,56.25	4,46,45.63	5,48,56.55
1,41,37.27	2,43,75.65	3,45,59.03	4,47,51.49	5,49,79.35
1,42,54.24	2,44,65.70	3,46,62.78	4,48,45.85	5,50,30.05
1,43,61.65	2,45,38.92	3,47,51.63	4,49,32.64	5,51,35.80
1,44,42.90	2,46,45.76	3,48,41.74	4,50,22.11	5,52,27.26
1,45,32.58	2,47,29.77	3,49,29.64	4,51,24.40	5,53,55.49
1,46,28.37	2,48,29.97	3,50,24.08	4,52,24.03	5,55,27.85
1,47,35.65	2,49,24.37	3,51,26.58	4,53,32.84	5,56,27.08
1,48,30.22	2,50,25.56	3,52,26.71	4,54,24.70	5,57,23.34
1,49,35.23	2,51,24.48	3,53,34.10	4,55,24.55	5,58,18.59
1,50,22.24	2,52,24.99	3,54,32.17	4,56,23.11	5,59,19.65
1,51,22.78	2,53,24.29	3,55,26.25	4,57,19.84	6,0,18.17
1,52,19.27	2,54,26.00	3,56,20.54	4,58,21.13	6,1,18.62
1,53,19.72	2,55,25.67	3,57,19.76	4,59,16.25	6,2,21.18
1,54,23.95	2,56,19.51	3,58,21.43	5,0,18.95	6,3,21.35
1,55,24.96	2,57,22.24	3,59,18.81	5,1,18.85	6,4,21.53
1,56,26.28	2,58,23.58	4,0,17.72	5,2,20.10	6,5,26.44
1,57,28.20	2,59,23.59	4,1,18.11	5,3,21.42	6,6,27.28
1,58,27.44	3,0,16.79	4,2,18.37	5,4,25.12	6,7,25.62
1,59,20.04	3,1,16.40	4,3,19.70	5,5,22.85	6,8,22.68
2,0,17.19	3,2,17.29	4,4,20.01	5,6,26.20	6,9,22.70
2,1,15.10	3,3,19.60	4,5,21.84	5,7,22.93	6,10,23.34
2,2,14.79	3,4,20.19	4,6,24.73	5,8,22.97	6,11,25.78
2,3,15.69	3,5,20.36	4,7,27.18	5,9,22.62	6,12,24.19
2,4,17.20	3,6,19.89	4,8,23.20	5,10,23.60	6,13,21.88
2,5,18.24	3,7,25.12	4,9,24.91	5,11,25.24	6,14,20.35
2,6,19.31	3,8,21.42	4,10,25.18	5,12,28.20	6,15,21.40
2,7,19.96	3,9,22.77	4,11,26.29	5,13,29.97	6,16,20.74
2,8,20.83	3,10,22.93	4,12,27.44	5,14,30.26	6,17,23.47
2,9,19.19	3,11,23.86	4,13,30.60	5,15,25.04	6,18,22.01
2,10,20.52	3,12,23.37	4,14,33.29	5,16,24.64	6,19,20.69
2,11,21.84	3,13,25.58	4,15,25.85	5,17,25.89	6,20,24.37
2,12,20.33	3,14,26.39	4,16,25.85	5,18,27.97	6,21,19.88
2,13,24.54	3,15,31.34	4,17,28.28	5,19,23.33	6,22,19.27
2,14,25.89	3,16,30.86	4,18,32.44	5,20,24.01	6,23,17.43
2,15,28.23	3,17,36.39	4,19,30.62	5,21,24.44	6,24,17.63
2,16,32.76	3,18,32.53	4,20,25.17	5,22,23.51	6,25,17.16
2,17,44.12	3,19,32.06	4,21,26.18	5,23,23.54	6,26,15.47
2,18,34.97	3,20,30.91	4,22,24.29	5,24,24.27	6,27,15.81
2,19,30.14	3,21,28.21	4,23,24.72	5,25,22.42	6,28,15.12
2,20,28.76	3,22,25.52	4,24,24.57	5,26,17.88	6,29,15.61
2,21,27.01	3,23,27.21	4,25,26.81	5,27,18.88	6,30,16.07
2,22,24.33	3,24,31.78	4,26,24.07	5,28,19.55	6,31,18.28
2,23,25.02	3,25,31.92	4,27,20.08	5,29,18.04	6,32,18.90
2,24,29.24	3,26,34.53	4,28,22.01	5,30,19.00	6,33,18.07
2,25,24.45	3,27,28.03	4,29,21.24	5,31,18.90	6,34,17.49
2,26,26.61	3,28,26.68	4,30,20.83	5,32,20.67	6,35,16.68
2,27,25.08	3,29,27.76	4,31,20.92	5,33,19.21	6,36,17.26
2,28,26.32	3,30,22.31	4,32,23.48	5,34,17.82	6,37,20.35
2,29,21.59	3,31,21.68	4,33,20.88	5,35,20.55	6,38,22.24
2,30,20.25	3,32,21.39	4,34,20.72	5,36,20.80	6,39,26.77
2,31,21.21	3,33,20.99	4,35,20.40	5,37,21.08	6,40,32.60
2,32,20.46	3,34,22.59	4,36,22.71	5,38,24.59	6,41,38.05
2,33,19.40	3,35,22.02	4,37,25.62	5,39,27.29	6,42,43.28
2,34,19.33	3,36,26.35	4,38,27.46	5,40,30.61	6,43,50.79
2,35,18.98	3,37,30.25	4,39,28.56	5,41,37.15	6,44,57.38
2,36,22.27	3,38,31.93	4,40,34.17	5,42,40.83	6,45,58.00

BOURNE CASTLE SURVEY 2006 & 2021

6,46,56.84	7,48,52.16	8,50,83.84	9,52,64.87	10,54,59.52
6,47,66.89	7,49,71.34	8,51,84.81	9,53,103.40	10,55,51.94
6,48,59.82	7,50,62.91	8,52,68.17	9,54,79.68	10,56,51.02
6,49,63.51	7,51,44.24	8,53,88.67	9,55,84.71	10,57,52.72
6,50,44.78	7,52,44.94	8,54,66.78	9,56,85.59	10,58,42.67
6,51,32.47	7,53,72.55	8,55,36.58	9,57,64.76	10,59,32.57
6,52,39.73	7,54,56.29	8,56,47.23	9,58,56.30	11,0,19.03
6,53,70.76	7,55,37.21	8,57,42.02	9,59,45.66	11,1,21.25
6,54,69.38	7,56,27.25	8,58,41.74	10,0,19.52	11,2,20.26
6,55,35.84	7,57,26.43	8,59,32.81	10,1,20.51	11,3,19.86
6,56,26.59	7,58,24.86	9,0,18.47	10,2,20.36	11,4,16.67
6,57,25.35	7,59,27.02	9,1,19.23	10,3,20.26	11,5,18.80
6,58,21.20	8,0,20.07	9,2,18.93	10,4,20.01	11,6,19.15
6,59,20.46	8,1,18.15	9,3,19.28	10,5,19.32	11,7,19.15
7,0,18.84	8,2,18.54	9,4,18.82	10,6,20.92	11,8,18.99
7,1,17.61	8,3,18.00	9,5,19.71	10,7,20.62	11,9,17.43
7,2,18.31	8,4,19.90	9,6,21.27	10,8,21.40	11,10,17.03
7,3,20.02	8,5,20.18	9,7,21.75	10,9,20.51	11,11,17.04
7,4,20.59	8,6,19.95	9,8,23.04	10,10,18.01	11,12,17.75
7,5,22.70	8,7,20.57	9,9,22.65	10,11,17.59	11,13,16.84
7,6,24.12	8,8,21.85	9,10,19.53	10,12,17.92	11,14,17.37
7,7,23.32	8,9,22.08	9,11,18.34	10,13,17.64	11,15,19.22
7,8,21.42	8,10,20.31	9,12,18.48	10,14,19.61	11,16,18.30
7,9,21.54	8,11,19.06	9,13,20.29	10,15,19.80	11,17,15.33
7,10,23.32	8,12,20.36	9,14,20.33	10,16,18.14	11,18,14.39
7,11,23.16	8,13,21.08	9,15,19.23	10,17,16.97	11,19,14.22
7,12,22.93	8,14,20.39	9,16,20.31	10,18,15.74	11,20,14.52
7,13,20.67	8,15,19.26	9,17,19.74	10,19,15.06	11,21,14.00
7,14,19.46	8,16,21.16	9,18,17.31	10,20,14.81	11,22,13.65
7,15,20.17	8,17,19.58	9,19,18.79	10,21,14.56	11,23,14.28
7,16,20.45	8,18,19.05	9,20,16.17	10,22,14.01	11,24,16.16
7,17,22.76	8,19,23.20	9,21,14.78	10,23,14.14	11,25,17.64
7,18,21.49	8,20,18.18	9,22,14.86	10,24,17.18	11,26,16.36
7,19,22.49	8,21,16.04	9,23,14.85	10,25,17.16	11,27,15.20
7,20,19.92	8,22,15.55	9,24,15.47	10,26,15.85	11,28,14.90
7,21,19.92	8,23,15.25	9,25,15.99	10,27,15.17	11,29,15.61
7,22,16.70	8,24,14.73	9,26,14.98	10,28,14.57	11,30,16.64
7,23,15.79	8,25,15.42	9,27,14.99	10,29,14.84	11,31,17.89
7,24,15.62	8,26,14.49	9,28,14.83	10,30,15.69	11,32,17.75
7,25,15.84	8,27,13.79	9,29,14.82	10,31,17.57	11,33,18.02
7,26,14.63	8,28,14.30	9,30,15.04	10,32,18.28	11,34,18.74
7,27,14.77	8,29,14.19	9,31,16.12	10,33,19.11	11,35,18.02
7,28,14.64	8,30,14.63	9,32,17.47	10,34,18.65	11,36,17.93
7,29,14.95	8,31,15.67	9,33,18.24	10,35,19.26	11,37,18.52
7,30,15.12	8,32,16.66	9,34,19.46	10,36,20.43	11,38,20.80
7,31,15.99	8,33,17.85	9,35,19.89	10,37,24.19	11,39,23.66
7,32,16.84	8,34,18.99	9,36,20.58	10,38,28.20	11,40,27.89
7,33,16.79	8,35,19.58	9,37,23.50	10,39,27.82	11,41,33.12
7,34,16.68	8,36,19.69	9,38,29.01	10,40,28.45	11,42,33.84
7,35,16.68	8,37,21.42	9,39,34.44	10,41,34.64	11,43,37.69
7,36,16.58	8,38,25.63	9,40,33.51	10,42,34.14	11,44,44.99
7,37,19.15	8,39,32.90	9,41,33.97	10,43,39.16	11,45,57.67
7,38,23.08	8,40,35.40	9,42,37.39	10,44,45.88	11,46,55.45
7,39,30.40	8,41,37.14	9,43,42.73	10,45,59.56	11,47,48.34
7,40,34.19	8,42,37.86	9,44,45.86	10,46,62.54	11,48,56.64
7,41,44.30	8,43,41.79	9,45,56.47	10,47,57.26	11,49,46.05
7,42,44.10	8,44,53.44	9,46,62.30	10,48,56.36	11,50,47.00
7,43,49.05	8,45,64.97	9,47,61.43	10,49,50.35	11,51,45.73
7,44,54.54	8,46,62.85	9,48,61.46	10,50,52.97	11,52,60.48
7,45,59.63	8,47,73.48	9,49,44.84	10,51,51.56	11,53,58.96
7,46,67.13	8,48,53.50	9,50,78.93	10,52,72.31	11,54,47.22
7,47,75.21	8,49,63.16	9,51,58.30	10,53,65.00	11,55,37.81

BOURNE CASTLE SURVEY 2006 & 2021

11,56,52.29	12,58,27.94	14,1,19.41	15,3,21.04	16,6,20.07
11,57,45.38	12,59,39.33	14,2,21.71	15,4,20.71	16,7,19.93
11,58,37.90	13,0,18.91	14,3,20.57	15,5,20.40	16,8,18.86
11,59,31.32	13,1,19.77	14,4,20.23	15,6,18.14	16,9,18.09
12,0,19.62	13,2,20.55	14,5,20.51	15,7,18.05	16,10,18.29
12,1,19.61	13,3,21.81	14,6,18.18	15,8,18.09	16,11,17.82
12,2,20.03	13,4,18.94	14,7,17.93	15,9,17.52	16,12,18.02
12,3,21.41	13,5,17.11	14,8,16.88	15,10,18.17	16,13,16.75
12,4,18.54	13,6,17.62	14,9,15.91	15,11,16.80	16,14,15.51
12,5,18.86	13,7,16.93	14,10,16.53	15,12,17.26	16,15,14.55
12,6,17.83	13,8,17.57	14,11,16.13	15,13,17.01	16,16,13.91
12,7,17.37	13,9,15.88	14,12,15.21	15,14,14.44	16,17,13.30
12,8,17.50	13,10,15.51	14,13,15.71	15,15,14.36	16,18,12.75
12,9,15.80	13,11,16.87	14,14,15.40	15,16,13.91	16,19,12.62
12,10,16.01	13,12,15.85	14,15,14.49	15,17,13.27	16,20,12.58
12,11,17.10	13,13,15.72	14,16,13.72	15,18,13.00	16,21,13.39
12,12,17.27	13,14,14.84	14,17,13.43	15,19,12.63	16,22,13.60
12,13,15.85	13,15,14.24	14,18,13.23	15,20,12.73	16,23,14.89
12,14,15.52	13,16,13.99	14,19,13.06	15,21,13.35	16,24,16.83
12,15,15.47	13,17,13.12	14,20,13.15	15,22,13.56	16,25,17.42
12,16,16.45	13,18,13.04	14,21,13.09	15,23,13.34	16,26,16.62
12,17,15.06	13,19,13.28	14,22,13.09	15,24,14.83	16,27,15.92
12,18,13.23	13,20,13.77	14,23,14.74	15,25,16.37	16,28,15.45
12,19,13.24	13,21,13.79	14,24,14.97	15,26,16.84	16,29,14.68
12,20,14.45	13,22,13.56	14,25,16.64	15,27,16.77	16,30,14.55
12,21,13.48	13,23,14.21	14,26,16.47	15,28,16.46	16,31,14.71
12,22,13.38	13,24,15.10	14,27,16.48	15,29,15.10	16,32,14.80
12,23,13.72	13,25,17.12	14,28,17.57	15,30,14.74	16,33,13.92
12,24,14.54	13,26,16.84	14,29,16.20	15,31,15.11	16,34,13.92
12,25,17.53	13,27,16.29	14,30,15.93	15,32,15.13	16,35,13.43
12,26,16.48	13,28,17.23	14,31,15.26	15,33,14.52	16,36,13.02
12,27,15.65	13,29,16.80	14,32,14.82	15,34,13.99	16,37,13.40
12,28,16.11	13,30,17.22	14,33,14.43	15,35,13.44	16,38,14.69
12,29,16.80	13,31,17.12	14,34,14.10	15,36,13.23	16,39,17.53
12,30,16.53	13,32,15.89	14,35,13.46	15,37,13.98	16,40,24.27
12,31,17.26	13,33,14.86	14,36,13.60	15,38,16.09	16,41,27.43
12,32,17.26	13,34,14.59	14,37,14.22	15,39,18.68	16,42,29.14
12,33,16.18	13,35,14.36	14,38,16.85	15,40,24.93	16,43,30.60
12,34,15.62	13,36,14.05	14,39,19.17	15,41,28.18	16,44,38.30
12,35,14.99	13,37,14.88	14,40,25.58	15,42,32.32	16,45,46.92
12,36,14.88	13,38,16.96	14,41,26.86	15,43,35.70	16,46,40.37
12,37,15.26	13,39,20.68	14,42,29.87	15,44,43.24	16,47,31.78
12,38,17.61	13,40,23.22	14,43,36.22	15,45,55.06	16,48,23.58
12,39,19.50	13,41,28.29	14,44,37.00	15,46,37.19	16,49,22.76
12,40,24.09	13,42,33.35	14,45,51.37	15,47,28.15	16,50,27.86
12,41,30.88	13,43,39.02	14,46,57.48	15,48,28.24	16,51,33.58
12,42,33.93	13,44,35.53	14,47,33.44	15,49,28.20	16,52,24.78
12,43,37.57	13,45,43.37	14,48,31.15	15,50,33.06	16,53,27.16
12,44,36.46	13,46,43.60	14,49,31.35	15,52,39.29	16,54,26.19
12,45,43.07	13,47,45.26	14,50,41.14	15,53,23.51	16,55,29.29
12,46,46.06	13,48,32.46	14,51,46.21	15,54,28.62	16,56,30.40
12,47,42.68	13,49,37.37	14,52,45.94	15,55,22.13	16,57,29.60
12,48,38.10	13,50,35.51	14,53,44.40	15,56,28.53	16,58,33.60
12,49,33.99	13,51,44.80	14,54,24.14	15,57,32.63	16,59,38.97
12,50,40.11	13,52,41.42	14,55,26.26	15,58,36.91	17,0,28.12
12,51,38.40	13,53,38.60	14,56,27.48	15,59,41.34	17,1,21.89
12,52,52.11	13,54,27.57	14,57,34.43	16,0,21.68	17,2,17.95
12,53,36.90	13,55,28.46	14,58,27.00	16,1,19.55	17,3,16.60
12,54,41.77	13,57,36.84	14,59,43.23	16,2,19.18	17,4,18.60
12,55,27.48	13,58,24.98	15,0,18.42	16,3,19.23	17,5,19.47
12,56,32.43	13,59,37.41	15,1,19.02	16,4,19.42	17,6,20.94
12,57,37.56	14,0,18.11	15,2,20.96	16,5,19.31	17,7,20.37

BOURNE CASTLE SURVEY 2006 & 2021

17,8,19.06	18,10,17.99	19,12,17.61	0,26,21.00	3,28,24.61
17,9,18.67	18,11,17.99	19,13,15.85	0,27,18.90	3,29,29.06
17,10,18.93	18,12,17.04	19,14,15.22	0,28,21.35	3,30,24.74
17,11,18.51	18,13,16.15	19,15,14.08	0,29,24.77	3,31,22.67
17,12,17.09	18,14,15.18	19,16,14.36	0,30,25.39	3,32,23.07
17,13,16.74	18,15,14.64	19,17,13.85	0,31,23.06	3,33,21.92
17,14,15.05	18,16,13.80	19,18,14.52	0,32,20.20	3,34,33.60
17,15,14.04	18,17,13.59	19,19,15.42	0,33,20.88	3,35,26.50
17,16,13.83	18,18,13.49	19,20,17.54	0,34,20.93	3,36,24.63
17,17,13.48	18,19,14.15	19,21,18.48	0,35,21.76	3,37,22.23
17,18,13.07	18,20,15.52	19,22,18.01	0,36,22.81	3,38,25.57
17,19,12.88	18,21,17.64	19,23,17.05	0,37,22.85	3,39,22.96
17,20,13.40	18,22,19.25	19,24,15.81	0,38,25.30	4,20,33.54
17,21,14.65	18,23,17.85	19,25,15.23	0,39,24.79	4,21,32.89
17,22,15.85	18,24,16.40	19,26,15.02	1,20,27.12	4,22,31.58
17,23,16.73	18,25,15.89	19,27,14.58	1,21,23.18	4,23,31.36
17,24,17.52	18,26,15.52	19,28,14.17	1,22,27.66	4,24,28.11
17,25,17.13	18,27,14.35	19,29,14.16	1,23,25.58	4,25,24.40
17,26,16.30	18,28,14.28	19,30,13.95	1,24,25.67	4,26,21.19
17,27,15.19	18,29,14.31	19,31,13.89	1,25,23.37	4,27,20.99
17,28,15.00	18,30,13.93	19,32,15.40	1,26,19.84	4,28,28.10
17,29,14.76	18,31,14.05	19,33,13.87	1,27,20.01	4,29,27.64
17,30,14.58	18,32,14.51	19,34,13.19	1,28,21.09	4,30,23.19
17,31,14.36	18,33,14.21	19,35,13.40	1,29,23.86	4,31,24.53
17,32,14.17	18,34,13.39	19,36,13.34	1,30,25.34	4,32,21.36
17,33,14.33	18,35,13.75	19,37,12.76	1,31,20.27	4,33,24.72
17,34,14.03	18,36,13.40	19,38,13.43	1,32,20.98	4,34,28.29
17,35,13.14	18,37,13.06	19,39,14.18	1,33,22.85	4,35,24.77
17,36,13.29	18,38,13.58	19,40,14.53	1,34,25.82	4,36,29.22
17,37,13.15	18,39,15.08	19,41,17.87	1,35,22.63	4,37,25.56
17,38,14.72	18,40,16.32	19,42,21.14	1,36,25.01	4,38,21.62
17,39,16.50	18,41,18.80	19,43,25.67	1,37,26.24	4,39,21.65
17,40,18.71	18,42,24.65	19,44,38.90	1,38,29.28	5,20,33.44
17,41,23.14	18,43,27.79	19,45,36.58	1,39,29.16	5,21,36.90
17,42,27.16	18,44,33.83	19,46,34.48	2,20,27.06	5,22,39.75
17,43,29.74	18,45,38.98	19,47,35.51	2,21,27.24	5,23,28.36
17,44,35.22	18,46,34.67	19,48,28.34	2,22,30.14	5,24,28.45
17,45,44.58	18,47,31.32	19,49,27.44	2,23,27.01	5,25,27.44
17,46,45.41	18,48,28.21	19,50,27.30	2,24,27.35	5,26,21.40
17,47,31.25	18,49,28.71	19,51,34.43	2,25,21.99	5,27,21.91
17,48,24.53	18,50,34.62	19,52,31.98	2,26,18.57	5,28,32.78
17,49,23.92	18,51,44.38	19,53,27.69	2,27,19.58	5,29,29.38
17,50,28.19	18,52,31.83	19,54,25.90	2,28,22.81	5,30,25.57
17,51,41.83	18,53,31.04	19,55,23.86	2,29,26.63	5,31,25.91
17,52,29.09	18,54,27.32	19,56,24.93	2,30,24.66	5,32,24.70
17,53,30.26	18,55,30.08	19,58,24.31	2,31,21.84	5,33,33.71
17,54,25.61	18,56,30.14	19,59,22.06	2,32,22.04	5,34,25.39
17,55,26.67	18,57,32.20		2,33,25.91	5,35,28.71
17,56,29.97	18,58,36.02		2,34,28.75	5,36,25.35
17,57,31.02	18,59,29.31		2,35,28.31	5,37,26.62
17,58,30.56	19,0,26.55		2,36,24.62	5,38,21.20
17,59,39.12	19,1,20.97		2,37,26.88	5,39,19.27
18,0,25.42	19,2,17.99		2,38,35.55	6,20,25.31
18,1,21.83	19,3,18.84		2,39,28.62	6,21,32.41
18,2,17.53	19,4,20.83		3,20,29.89	6,22,32.85
18,3,16.82	19,5,21.25		3,21,25.67	6,23,27.41
18,4,19.02	19,6,21.06	0,20,25.45	3,22,30.13	6,24,24.61
18,5,20.63	19,7,19.32	0,21,23.15	3,23,27.47	6,25,25.34
18,6,21.46	19,8,18.10	0,22,26.18	3,24,26.70	6,26,22.55
18,7,19.54	19,9,18.81	0,23,27.11	3,25,24.49	6,27,24.79
18,8,18.00	19,10,18.66	0,24,27.34	3,26,20.13	6,28,33.07
18,9,18.82	19,11,18.27	0,25,21.58	3,27,21.09	6,29,28.39

**AREA 1
GRIDS
B5-B6,
C3-C5 &
D4-D5**

BOURNE CASTLE SURVEY 2006 & 2021

6,30,27.02	9,32,52.82	12,34,33.96	15,36,37.20	18,38,77.98
6,31,28.44	9,33,32.77	12,35,30.89	15,37,29.05	18,39,43.74
6,32,33.11	9,34,36.88	12,36,33.03	15,38,35.11	19,20,29.56
6,33,26.34	9,35,35.20	12,37,31.18	15,39,36.90	19,21,29.79
6,34,32.84	9,36,41.31	12,38,36.12	16,20,30.86	19,22,29.17
6,35,31.61	9,37,34.60	12,39,42.03	16,21,27.82	19,23,27.93
6,36,25.96	9,38,35.75	13,20,24.88	16,22,26.91	19,24,26.36
6,37,26.12	9,39,31.87	13,21,26.04	16,23,24.37	19,25,39.84
6,38,23.44	10,20,23.06	13,22,24.12	16,24,26.68	19,26,53.82
6,39,22.89	10,21,28.55	13,23,25.57	16,25,29.85	19,27,47.54
7,20,23.15	10,22,33.98	13,24,32.00	16,26,37.05	19,28,43.90
7,21,26.27	10,23,32.80	13,25,39.10	16,27,56.79	19,29,39.11
7,22,26.56	10,24,30.70	13,26,37.16	16,28,78.36	19,30,40.85
7,23,25.33	10,25,30.78	13,27,36.32	16,29,74.58	19,31,44.27
7,24,25.10	10,26,26.90	13,28,47.37	16,30,60.59	19,32,61.57
7,25,25.19	10,27,28.40	13,29,46.54	16,31,47.02	19,33,75.59
7,26,25.14	10,28,36.03	13,30,39.08	16,32,40.59	19,34,124.41
7,27,27.08	10,29,34.46	13,31,30.88	16,33,38.95	19,35,259.79
7,28,35.96	10,30,41.96	13,32,33.78	16,34,39.29	19,36,76.14
7,29,29.27	10,31,53.20	13,33,36.37	16,35,38.38	19,37,80.03
7,30,31.44	10,32,47.95	13,34,34.17	16,36,42.76	19,38,63.02
7,31,23.10	10,33,32.19	13,35,34.26	16,37,34.26	19,39,45.85
7,32,29.93	10,34,30.57	13,36,34.87	16,38,44.00	20,20,31.06
7,33,33.04	10,35,30.39	13,37,39.13	16,39,44.31	20,21,28.28
7,34,33.44	10,36,39.38	13,38,31.69	17,20,27.32	20,22,28.69
7,35,34.78	10,37,38.83	13,39,45.83	17,21,28.74	20,23,26.64
7,36,27.40	10,38,39.11	14,20,26.16	17,22,30.23	20,24,30.17
7,37,22.66	10,39,34.49	14,21,24.10	17,23,24.97	20,25,44.56
7,38,22.54	11,20,23.94	14,22,23.81	17,24,27.17	20,26,52.56
7,39,22.08	11,21,23.79	14,23,24.52	17,25,29.26	20,27,49.17
8,20,25.99	11,22,27.40	14,24,26.66	17,26,35.86	20,28,37.82
8,21,28.05	11,23,35.78	14,25,30.54	17,27,60.66	20,29,35.50
8,22,27.96	11,24,31.89	14,26,39.72	17,28,60.16	20,30,33.03
8,23,27.64	11,25,33.77	14,27,40.64	17,29,70.48	20,31,36.81
8,24,23.01	11,26,27.60	14,28,50.49	17,30,79.24	20,32,47.09
8,25,23.59	11,27,32.60	14,29,35.01	17,31,74.93	20,33,56.88
8,26,24.52	11,28,35.17	14,30,24.81	17,32,62.56	20,34,100.12
8,27,28.26	11,29,34.86	14,31,27.01	17,33,55.45	20,35,110.75
8,28,40.16	11,30,32.77	14,32,33.23	17,34,48.00	20,36,110.79
8,29,31.04	11,31,48.34	14,33,33.81	17,35,48.86	20,37,89.29
8,30,29.60	11,32,35.92	14,34,34.22	17,36,54.63	20,38,55.61
8,31,39.01	11,33,32.51	14,35,37.07	17,37,50.56	20,39,51.26
8,32,41.88	11,34,29.63	14,36,34.90	17,38,49.60	21,20,27.59
8,33,34.05	11,35,31.96	14,37,33.56	17,39,50.08	21,21,29.11
8,34,43.59	11,36,30.81	14,38,35.57	18,20,27.13	21,22,29.39
8,35,41.51	11,37,36.91	14,39,37.00	18,21,29.86	21,23,26.57
8,36,38.98	11,38,40.15	15,20,26.92	18,22,29.79	21,24,31.81
8,37,38.12	11,39,40.01	15,21,24.28	18,23,29.51	21,25,44.24
8,38,26.57	12,20,23.08	15,22,26.63	18,24,26.46	21,26,38.88
8,39,23.19	12,21,25.60	15,23,22.26	18,25,35.86	21,27,40.06
9,20,26.26	12,22,24.75	15,24,26.48	18,26,49.67	21,28,33.78
9,21,30.96	12,23,28.41	15,25,29.57	18,27,59.20	21,29,30.24
9,22,32.51	12,24,31.59	15,26,41.15	18,28,46.21	21,30,31.49
9,23,33.30	12,25,37.15	15,27,50.12	18,29,52.96	21,31,35.61
9,24,26.92	12,26,34.09	15,28,63.09	18,30,49.09	21,32,54.78
9,25,25.48	12,27,34.70	15,29,27.01	18,31,49.88	21,33,51.13
9,26,25.61	12,28,38.13	15,30,22.89	18,32,64.25	21,34,57.04
9,27,28.91	12,29,42.20	15,31,22.59	18,33,82.18	21,35,83.94
9,28,34.95	12,30,45.25	15,32,30.70	18,34,92.23	21,36,87.75
9,29,31.03	12,31,35.61	15,33,31.82	18,35,82.67	21,37,84.06
9,30,47.22	12,32,32.54	15,34,31.57	18,36,74.91	21,38,62.64
9,31,45.64	12,33,40.29	15,35,34.92	18,37,83.69	21,39,54.88

BOURNE CASTLE SURVEY 2006 & 2021

22,20,32.08	25,22,33.63	28,24,54.07	31,26,27.99	34,28,26.20
22,21,31.07	25,23,46.44	28,25,52.67	31,27,27.94	34,29,26.52
22,22,28.11	25,24,54.87	28,26,42.47	31,28,37.91	34,30,26.87
22,23,29.32	25,25,40.00	28,27,40.79	31,29,30.40	34,31,23.65
22,24,40.21	25,26,38.44	28,28,38.28	31,30,24.78	34,32,22.23
22,25,43.85	25,27,44.10	28,29,35.62	31,31,23.70	34,33,19.70
22,26,38.02	25,28,39.22	28,30,30.20	31,32,21.80	34,34,20.05
22,27,30.79	25,29,36.93	28,31,31.64	31,33,21.63	34,35,17.41
22,28,28.93	25,30,40.44	28,32,27.96	31,34,21.11	34,36,18.27
22,29,28.61	25,31,47.94	28,33,25.89	31,35,20.89	34,37,19.84
22,30,31.47	25,32,44.58	28,34,25.38	31,36,18.50	34,38,20.15
22,31,42.57	25,33,35.14	28,35,24.97	31,37,18.39	34,39,17.51
22,32,50.44	25,34,34.63	28,36,24.21	31,38,20.86	35,20,26.61
22,33,49.94	25,35,33.91	28,37,22.94	31,39,18.82	35,21,27.85
22,34,58.09	25,36,36.62	28,38,25.27	32,20,44.67	35,22,29.95
22,35,51.31	25,37,34.51	28,39,23.63	32,21,44.25	35,23,29.32
22,36,55.81	25,38,33.14	29,20,45.56	32,22,52.29	35,24,28.03
22,37,61.05	25,39,39.09	29,21,42.54	32,23,48.73	35,25,31.69
22,38,66.78	26,20,29.88	29,22,46.30	32,24,31.27	35,26,25.77
22,39,74.51	26,21,37.90	29,23,58.08	32,25,24.51	35,27,27.31
23,20,29.28	26,22,47.77	29,24,49.05	32,26,24.12	35,28,29.97
23,21,29.34	26,23,38.30	29,25,45.71	32,27,24.81	35,29,25.53
23,22,33.36	26,24,41.26	29,26,36.01	32,28,31.73	35,30,21.96
23,23,31.38	26,25,39.77	29,27,31.96	32,29,27.25	35,31,21.29
23,24,42.16	26,26,42.09	29,28,36.09	32,30,23.59	35,32,20.10
23,25,47.18	26,27,49.18	29,29,39.25	32,31,22.65	35,33,21.08
23,26,40.49	26,28,42.98	29,30,27.91	32,32,20.85	35,34,20.77
23,27,32.15	26,29,55.94	29,31,25.58	32,33,21.23	35,35,16.75
23,28,26.68	26,30,49.86	29,32,22.64	32,34,17.51	35,36,18.16
23,29,33.98	26,31,41.70	29,33,23.87	32,35,16.23	35,37,20.02
23,30,38.49	26,32,33.55	29,34,22.92	32,36,19.80	35,38,16.67
23,31,41.08	26,33,31.88	29,35,20.93	32,37,20.00	35,39,17.51
23,32,51.33	26,34,29.65	29,36,20.80	32,38,19.75	36,20,29.18
23,33,46.98	26,35,29.64	29,37,21.43	32,39,19.32	36,21,34.58
23,34,44.48	26,36,32.60	29,38,23.31	33,20,35.05	36,22,38.69
23,35,37.75	26,37,29.98	29,39,23.40	33,21,34.82	36,23,29.88
23,36,41.94	26,38,33.90	30,20,46.58	33,22,45.60	36,24,26.57
23,37,53.39	26,39,30.43	30,21,39.19	33,23,51.57	36,25,26.61
23,38,50.71	27,20,37.67	30,22,43.97	33,24,45.05	36,26,27.90
23,39,57.78	27,21,45.68	30,23,35.64	33,25,27.45	36,27,35.96
24,20,33.15	27,22,47.85	30,24,37.61	33,26,24.96	36,28,30.93
24,21,27.37	27,23,37.97	30,25,30.44	33,27,21.58	36,29,24.44
24,22,28.66	27,24,42.20	30,26,28.87	33,28,27.05	36,30,21.73
24,23,33.58	27,25,52.57	30,27,31.53	33,29,29.01	36,31,19.63
24,24,51.09	27,26,51.98	30,28,41.42	33,30,28.78	36,32,21.46
24,25,43.59	27,27,43.76	30,29,41.63	33,31,23.52	36,33,21.13
24,26,45.59	27,28,48.50	30,30,26.84	33,32,20.67	36,34,17.63
24,27,50.47	27,29,41.33	30,31,23.31	33,33,20.58	36,35,16.34
24,28,40.70	27,30,39.68	30,32,23.03	33,34,19.42	36,36,16.91
24,29,39.87	27,31,35.26	30,33,23.99	33,35,18.38	36,37,19.52
24,30,43.48	27,32,33.55	30,34,20.49	33,36,19.25	36,38,18.16
24,31,42.99	27,33,29.16	30,35,18.51	33,37,20.72	36,39,17.88
24,32,42.01	27,34,27.70	30,36,18.31	33,38,20.51	37,20,32.63
24,33,47.04	27,35,26.94	30,37,19.89	33,39,18.68	37,21,42.77
24,34,37.23	27,36,28.66	30,38,20.38	34,20,27.19	37,22,45.26
24,35,34.65	27,37,29.58	30,39,19.87	34,21,29.21	37,23,42.18
24,36,34.78	27,38,26.89	31,20,51.48	34,22,30.24	37,24,29.74
24,37,39.11	27,39,30.32	31,21,51.20	34,23,35.44	37,25,27.07
24,38,40.49	28,20,46.50	31,22,38.29	34,24,34.28	37,26,26.52
24,39,49.87	28,21,52.45	31,23,37.46	34,25,30.13	37,27,35.50
25,20,35.30	28,22,41.37	31,24,30.94	34,26,26.61	37,28,28.96
25,21,31.87	28,23,46.51	31,25,27.47	34,27,24.38	37,29,25.02

BOURNE CASTLE SURVEY 2006 & 2021

37,30,18.73	40,12,57.98	41,14,29.73	42,16,33.01	43,18,41.87
37,31,18.59	40,13,51.94	41,15,29.08	42,17,32.74	43,19,61.79
37,32,19.33	40,14,44.40	41,16,25.28	42,18,37.89	43,20,57.35
37,33,22.07	40,15,33.68	41,17,28.11	42,19,55.21	43,21,49.72
37,34,19.15	40,16,30.85	41,18,33.15	42,20,88.23	43,22,40.07
37,35,17.47	40,17,27.99	41,19,53.41	42,21,45.29	43,23,42.26
37,36,20.41	40,18,26.80	41,20,37.43	42,22,44.50	43,24,58.78
37,37,20.07	40,19,36.52	41,21,46.90	42,23,45.71	43,25,38.94
37,38,19.18	40,20,47.52	41,22,36.25	42,24,53.95	43,26,30.74
37,39,17.79	40,21,54.85	41,23,39.87	42,25,37.50	43,27,37.41
38,20,42.49	40,22,32.05	41,24,39.04	42,26,38.17	43,28,31.87
38,21,56.95	40,23,33.54	41,25,34.83	42,27,30.89	43,29,31.11
38,22,58.28	40,24,34.19	41,26,33.94	42,28,30.17	43,30,25.17
38,23,47.04	40,25,31.08	41,27,42.60	42,29,32.41	43,31,28.33
38,24,29.11	40,26,28.13	41,28,39.92	42,30,22.56	43,32,23.12
38,25,26.92	40,27,41.00	41,29,30.96	42,31,29.88	43,33,20.33
38,26,23.80	40,28,66.74	41,30,30.68	42,32,28.83	43,34,22.54
38,27,29.06	40,29,30.13	41,31,26.01	42,33,20.49	43,35,22.50
38,28,25.44	40,30,27.21	41,32,26.33	42,34,23.80	43,36,19.09
38,29,25.03	40,31,24.78	41,33,23.78	42,35,20.80	43,37,18.36
38,30,21.02	40,32,28.42	41,34,22.03	42,36,19.27	43,38,18.94
38,31,20.95	40,33,23.10	41,35,21.17	42,37,18.81	43,39,19.35
38,32,22.91	40,34,21.52	41,36,18.56	42,38,19.24	43,40,19.36
38,33,18.41	40,35,17.37	41,37,18.47	42,39,19.04	43,41,20.42
38,34,18.35	40,36,19.27	41,38,20.42	42,40,20.54	43,42,20.99
38,35,19.28	40,37,20.22	41,39,21.15	42,41,18.02	43,43,18.66
38,36,19.89	40,38,19.81	41,40,17.42	42,42,17.27	43,44,19.49
38,37,20.93	40,39,20.34	41,41,16.84	42,43,17.14	43,45,20.81
38,38,19.39	40,40,17.36	41,42,17.72	42,44,18.62	43,46,18.34
38,39,17.85	40,41,18.12	41,43,17.73	42,45,19.45	43,47,19.65
39,20,47.36	40,42,18.13	41,44,17.99	42,46,20.40	43,48,19.98
39,21,49.24	40,43,16.87	41,45,17.60	42,47,18.99	43,49,20.06
39,22,41.61	40,44,18.92	41,46,18.46	42,48,19.53	43,50,18.81
39,23,34.36	40,45,16.67	41,47,19.35	42,49,18.58	43,51,19.61
39,24,29.50	40,46,18.21	41,48,18.35	42,50,19.90	43,52,18.17
39,25,27.89	40,47,18.94	41,49,18.77	42,51,19.02	43,53,18.18
39,26,30.97	40,48,18.29	41,50,17.35	42,52,18.32	43,54,18.24
39,27,26.70	40,49,16.17	41,51,17.23	42,53,17.08	43,55,17.97
39,28,33.35	40,50,16.68	41,52,17.61	42,54,17.08	43,56,17.41
39,29,28.49	40,51,16.84	41,53,17.28	42,55,17.73	43,57,17.72
39,30,21.76	40,52,17.83	41,54,17.33	42,56,17.67	43,58,17.19
39,31,20.82	40,53,18.07	41,55,17.00	42,57,17.70	43,59,16.29
39,32,24.62	40,54,16.13	41,56,16.08	42,58,17.71	44,0,43.99
39,33,21.57	40,55,16.28	41,57,16.75	42,59,17.83	44,1,44.74
39,34,19.58	40,56,15.88	41,58,17.08	43,0,54.99	44,2,46.97
39,35,19.75	40,57,16.56	41,59,17.58	43,1,56.71	44,3,50.24
39,36,19.65	40,58,16.63	42,0,55.80	43,2,47.25	44,4,50.96
39,37,21.55	40,59,16.22	42,1,53.18	43,3,49.66	44,5,41.39
39,38,20.11	41,0,52.56	42,2,38.80	43,4,37.70	44,6,34.57
39,39,19.37	41,1,40.67	42,3,35.42	43,5,31.48	44,7,33.46
40,0,44.27	41,2,37.53	42,4,34.67	43,6,40.93	44,8,34.98
40,1,36.00	41,3,55.48	42,5,34.78	43,7,34.21	44,9,37.25
40,2,38.95	41,4,55.25	42,6,40.58	43,8,35.78	44,10,41.98
40,3,37.56	41,5,46.46	42,7,37.95	43,9,39.17	44,11,40.21
40,4,40.57	41,6,40.48	42,8,38.19	43,10,36.65	44,12,38.83
40,5,40.80	41,7,54.98	42,9,41.49	43,11,43.71	44,13,36.29
40,6,44.68	41,8,52.64	42,10,49.17	43,12,41.10	44,14,33.96
40,7,58.21	41,9,60.76	42,11,42.15	43,13,36.36	44,15,37.67
40,8,65.46	41,10,56.87	42,12,45.41	43,14,40.13	44,16,38.77
40,9,57.11	41,11,53.61	42,13,39.85	43,15,42.25	44,17,39.28
40,10,60.16	41,12,50.80	42,14,35.73	43,16,32.40	44,18,42.08
40,11,52.59	41,13,45.44	42,15,31.08	43,17,34.38	44,19,49.25

BOURNE CASTLE SURVEY 2006 & 2021

44,20,72.47	45,22,55.23	46,24,41.44	47,26,30.99	48,28,30.39
44,21,79.14	45,23,45.54	46,25,31.65	47,27,25.55	48,29,39.53
44,22,78.69	45,24,33.07	46,26,34.08	47,28,27.12	48,30,30.18
44,23,43.52	45,25,24.82	46,27,25.97	47,29,28.72	48,31,39.40
44,24,37.85	45,26,32.95	46,28,23.48	47,30,27.71	48,32,44.81
44,25,36.31	45,27,28.38	46,29,31.22	47,31,25.47	48,33,29.94
44,26,35.04	45,28,26.24	46,30,27.96	47,32,26.50	48,34,22.47
44,27,32.15	45,29,24.80	46,31,23.09	47,33,28.43	48,35,20.91
44,28,30.40	45,30,27.08	46,32,26.73	47,34,20.81	48,36,20.60
44,29,27.71	45,31,26.21	46,33,21.51	47,35,19.54	48,37,21.33
44,30,28.08	45,32,19.31	46,34,19.75	47,36,18.65	48,38,20.34
44,31,25.67	45,33,17.99	46,35,18.84	47,37,20.27	48,39,19.75
44,32,28.67	45,34,21.59	46,36,19.15	47,38,19.77	48,40,17.72
44,33,21.27	45,35,24.29	46,37,20.29	47,39,18.57	48,41,16.93
44,34,19.98	45,36,21.06	46,38,20.50	47,40,18.24	48,42,18.94
44,35,25.59	45,37,19.05	46,39,21.22	47,41,18.16	48,43,20.59
44,36,22.53	45,38,20.33	46,40,18.92	47,42,16.56	48,44,17.48
44,37,19.34	45,39,20.33	46,41,18.55	47,43,19.82	48,45,17.64
44,38,18.05	45,40,18.46	46,42,17.16	47,44,17.27	48,46,18.21
44,39,20.12	45,41,17.88	46,43,19.07	47,45,18.27	48,47,19.47
44,40,17.95	45,42,19.92	46,44,16.63	47,46,17.89	48,48,18.77
44,41,19.03	45,43,18.78	46,45,16.51	47,47,17.75	48,49,19.36
44,42,21.43	45,44,18.21	46,46,18.75	47,48,18.17	48,50,19.00
44,43,19.23	45,45,17.23	46,47,17.18	47,49,18.57	48,51,17.89
44,44,18.68	45,46,17.23	46,48,18.10	47,50,19.07	48,52,18.77
44,45,18.33	45,47,18.15	46,49,18.47	47,51,19.04	48,53,19.28
44,46,18.44	45,48,18.22	46,50,18.89	47,52,19.64	48,54,19.80
44,47,18.28	45,49,18.48	46,51,18.15	47,53,19.77	48,55,18.01
44,48,18.22	45,50,18.51	46,52,18.60	47,54,19.68	48,56,16.80
44,49,19.39	45,51,19.46	46,53,18.92	47,55,19.01	48,57,17.46
44,50,18.55	45,52,20.15	46,54,18.34	47,56,17.49	48,58,20.69
44,51,19.01	45,53,18.99	46,55,17.18	47,57,17.86	48,59,20.97
44,52,20.80	45,54,18.88	46,56,18.50	47,58,18.83	49,0,34.93
44,53,19.43	45,55,17.74	46,57,18.16	47,59,19.47	49,1,31.23
44,54,18.64	45,56,19.02	46,58,18.28	48,0,27.05	49,2,26.32
44,55,19.59	45,57,17.50	46,59,19.01	48,1,60.37	49,3,51.23
44,56,18.71	45,58,17.26	47,0,30.90	48,2,34.53	49,4,53.81
44,57,17.56	45,59,20.27	47,1,37.92	48,3,45.53	49,5,32.08
44,58,17.70	46,0,36.53	47,2,37.54	48,4,57.44	49,6,28.93
44,59,18.24	46,1,41.88	47,3,64.81	48,5,31.42	49,7,37.85
45,0,34.71	46,2,40.69	47,4,64.65	48,6,30.91	49,8,50.60
45,1,40.31	46,3,61.66	47,5,30.93	48,7,43.61	49,9,37.98
45,2,45.11	46,4,58.09	47,6,29.44	48,8,41.28	49,10,40.02
45,3,49.69	46,5,34.37	47,7,32.44	48,9,36.08	49,11,43.59
45,4,55.57	46,6,33.01	47,8,32.99	48,10,31.91	49,12,35.93
45,5,45.74	46,7,34.21	47,9,35.42	48,11,38.48	49,13,36.31
45,6,38.00	46,8,35.19	47,10,37.69	48,12,37.90	49,14,40.88
45,7,31.60	46,9,36.34	47,11,34.74	48,13,34.78	49,15,41.52
45,8,37.32	46,10,42.59	47,12,43.10	48,14,43.77	49,16,33.20
45,9,39.58	46,11,40.93	47,13,35.31	48,15,45.56	49,17,40.41
45,10,42.03	46,12,40.94	47,14,36.29	48,16,35.10	49,18,44.38
45,11,38.93	46,13,41.45	47,15,41.92	48,17,38.69	49,19,32.23
45,12,39.86	46,14,34.13	47,16,83.17	48,18,36.69	49,20,29.59
45,13,37.67	46,15,33.63	47,17,38.78	48,19,31.62	49,21,26.99
45,14,38.22	46,16,43.58	47,18,45.32	48,20,55.25	49,22,60.59
45,15,33.13	46,17,40.90	47,19,64.68	48,21,65.72	49,23,59.17
45,16,37.95	46,18,37.01	47,20,64.72	48,22,73.48	49,24,60.16
45,17,43.88	46,19,53.93	47,21,64.67	48,23,80.40	49,25,57.71
45,18,38.16	46,20,41.43	47,22,74.08	48,24,53.96	49,26,41.16
45,19,40.30	46,21,44.65	47,23,53.86	48,25,41.08	49,27,46.53
45,20,51.41	46,22,54.58	47,24,44.48	48,26,27.22	49,28,41.90
45,21,57.28	46,23,49.24	47,25,33.24	48,27,32.24	49,29,43.28

BOURNE CASTLE SURVEY 2006 & 2021

49,30,35.45	50,32,64.52	51,34,38.89	52,36,25.55	53,38,31.07
49,31,41.49	50,33,38.35	51,35,32.47	52,37,21.29	53,39,29.99
49,32,37.79	50,34,29.93	51,36,19.79	52,38,17.99	53,40,24.69
49,33,25.20	50,35,32.33	51,37,18.59	52,39,17.14	53,41,22.57
49,34,24.75	50,36,21.08	51,38,17.08	52,40,21.64	53,42,18.68
49,35,19.43	50,37,19.02	51,39,21.48	52,41,22.01	53,43,17.14
49,36,21.09	50,38,22.39	51,40,18.87	52,42,38.30	53,44,16.71
49,37,19.82	50,39,20.67	51,41,19.92	52,43,18.99	53,45,16.38
49,38,20.66	50,40,21.61	51,42,19.62	52,44,20.41	53,46,18.52
49,39,20.42	50,41,20.32	51,43,20.41	52,45,18.25	53,47,93.12
49,40,19.66	50,42,18.47	51,44,18.47	52,46,18.84	53,48,15.62
49,41,18.71	50,43,20.41	51,45,17.37	52,47,18.29	53,49,18.37
49,42,20.08	50,44,22.22	51,46,18.21	52,48,15.57	53,50,18.34
49,43,23.08	50,45,18.17	51,47,18.46	52,49,17.20	53,51,19.09
49,44,19.02	50,46,18.36	51,48,19.28	52,50,17.49	53,52,15.51
49,45,18.74	50,47,18.88	51,49,19.32	52,51,16.08	54,0,38.55
49,46,18.03	50,48,19.64	51,50,16.67	52,52,16.10	54,1,29.28
49,47,17.59	50,49,20.23	51,51,15.60	52,53,16.53	54,2,28.20
49,48,15.71	50,50,19.06	51,52,16.20	52,54,17.32	54,3,25.48
49,49,18.11	50,51,97.71	51,53,19.52	52,55,17.21	54,4,24.25
49,50,18.35	50,52,18.21	51,54,18.18	52,56,15.38	54,5,26.21
49,51,18.66	50,53,19.00	51,55,18.00	52,57,16.29	54,6,23.87
49,52,18.96	50,54,18.68	51,56,18.69	52,58,16.69	54,7,30.81
49,53,18.49	50,55,19.12	51,57,18.93	52,59,19.35	54,8,27.75
49,54,20.12	50,56,18.42	51,58,19.98	53,0,25.80	54,9,30.48
49,55,19.99	50,57,18.98	51,59,18.85	53,1,20.27	54,10,21.05
49,56,20.43	50,58,18.89	52,0,21.67	53,2,24.33	54,11,20.15
49,57,23.23	50,59,18.56	52,1,25.89	53,3,20.98	54,12,21.64
49,58,22.04	51,0,23.32	52,2,26.63	53,4,26.12	54,13,22.73
49,59,22.78	51,1,22.11	52,3,27.89	53,5,50.58	54,14,22.02
50,0,22.37	51,2,21.10	52,4,32.83	53,6,32.67	54,15,23.03
50,1,20.03	51,3,26.86	52,5,42.11	53,7,32.26	54,16,21.25
50,2,25.64	51,4,41.34	52,6,36.85	53,8,27.51	54,17,19.81
50,3,34.17	51,5,30.92	52,7,35.48	53,9,31.86	54,18,20.48
50,4,48.81	51,6,41.51	52,8,29.17	53,10,25.92	54,19,22.49
50,5,36.07	51,7,28.69	52,9,30.60	53,11,24.51	54,20,28.16
50,6,36.70	51,8,29.27	52,10,30.03	53,12,26.42	54,21,34.29
50,7,33.46	51,9,33.92	52,11,29.65	53,13,28.06	54,22,37.56
50,8,30.39	51,10,46.00	52,12,28.24	53,14,26.11	54,23,41.09
50,9,33.43	51,11,36.34	52,13,27.07	53,15,33.08	54,24,51.84
50,10,55.06	51,12,32.06	52,14,30.84	53,16,28.34	54,25,85.96
50,11,34.51	51,13,32.26	52,15,34.59	53,17,25.67	54,26,70.96
50,12,37.51	51,14,31.77	52,16,34.71	53,18,27.89	54,27,72.88
50,13,36.42	51,15,31.38	52,17,32.53	53,19,28.88	54,28,67.49
50,14,37.77	51,16,34.21	52,18,33.99	53,20,27.06	54,29,78.14
50,15,35.86	51,17,44.35	52,19,30.02	53,21,30.96	54,30,79.24
50,16,36.98	51,18,60.74	52,20,24.37	53,22,35.33	54,31,58.06
50,17,42.06	51,19,39.34	52,21,27.09	53,23,52.54	54,32,36.11
50,18,86.39	51,20,26.07	52,22,37.69	53,24,45.56	54,33,37.29
50,19,39.13	51,21,27.24	52,23,46.97	53,25,46.31	54,34,30.23
50,20,27.08	51,22,29.64	52,24,38.20	53,26,47.72	54,35,31.58
50,21,25.31	51,23,39.05	52,25,61.69	53,27,60.99	54,36,35.36
50,22,32.31	51,24,42.01	52,26,55.68	53,28,85.07	54,37,31.16
50,23,38.57	51,25,57.73	52,27,83.41	53,29,79.39	54,38,35.35
50,24,47.61	51,26,55.40	52,28,64.61	53,30,79.04	54,39,32.28
50,25,54.10	51,27,49.12	52,29,58.96	53,31,57.28	55,0,35.17
50,26,51.13	51,28,58.71	52,30,56.44	53,32,36.77	55,1,45.12
50,27,43.31	51,29,60.16	52,31,50.63	53,33,39.86	55,2,37.32
50,28,46.34	51,30,55.47	52,32,58.42	53,34,36.97	55,3,23.98
50,29,55.90	51,31,48.86	52,33,60.21	53,35,43.49	55,4,25.39
50,30,49.15	51,32,81.68	52,34,41.72	53,36,29.34	55,5,22.97
50,31,51.78	51,33,45.97	52,35,31.51	53,37,23.43	55,6,24.21

BOURNE CASTLE SURVEY 2006 & 2021

55,7,27.50	56,30,37.93	58,18,25.50	2,6,26.31	6,0,18.39
55,8,27.21	56,31,43.54	58,19,21.90	2,7,21.87	6,1,18.17
55,9,23.72	56,32,38.99	59,0,31.31	2,8,20.24	6,2,18.61
55,10,23.07	56,33,42.25	59,1,29.87	2,9,18.61	6,3,19.25
55,11,18.24	56,34,26.65	59,2,33.76	2,10,17.49	6,4,21.19
55,12,22.62	56,35,23.90	59,3,32.29	2,11,17.42	6,5,28.31
55,13,18.97	56,36,42.48	59,4,25.59	2,12,17.14	6,6,25.76
55,14,21.80	56,37,28.35	59,5,24.24	2,13,18.59	6,7,24.02
55,15,22.66	56,38,30.69	59,6,31.76	2,14,24.92	6,8,24.72
55,16,21.00	56,39,21.22	59,7,22.92	3,0,18.42	6,9,21.69
55,17,17.81	57,0,26.88	59,8,18.34	3,1,18.20	6,10,18.72
55,18,20.60	57,1,44.28	59,9,19.16	3,2,20.66	6,11,17.65
55,19,21.12	57,2,30.06	59,10,17.21	3,3,29.25	6,12,17.01
55,20,26.08	57,3,33.78	59,11,14.15	3,4,32.97	6,13,17.32
55,21,29.41	57,4,23.63	59,12,13.47	3,5,31.67	6,14,17.28
55,22,33.24	57,5,22.75	59,13,13.52	3,6,27.62	6,15,17.25
55,23,42.06	57,6,19.91	59,14,14.31	3,7,22.93	6,16,17.44
55,24,48.29	57,7,19.05	59,17,26.31	3,8,20.48	6,17,17.41
55,25,107.22	57,8,19.37	59,18,20.94	3,9,18.98	6,18,18.23
55,26,81.49	57,9,17.31	59,19,21.66	3,10,18.15	6,19,20.98
55,27,61.69	57,10,16.88		3,11,17.64	7,0,18.08
55,28,42.70	57,11,18.45		3,12,17.42	7,1,18.18
55,29,47.26	57,12,15.63		3,13,17.17	7,2,18.07
55,30,51.53	57,13,13.88		3,14,18.82	7,3,18.19
55,31,46.59	57,14,15.15		3,15,24.62	7,4,19.65
55,32,37.84	57,15,17.01		4,0,18.57	7,5,21.95
55,33,29.09	57,16,20.41		4,1,17.90	7,6,21.92
55,35,24.74	57,17,17.33		4,2,18.52	7,7,23.84
55,36,39.94	57,18,20.47		4,3,22.57	7,8,24.75
55,37,32.31	57,19,19.58		4,4,32.35	7,9,23.85
55,38,35.10	57,20,21.81		4,5,36.19	7,10,20.09
55,39,36.39	57,21,22.11		4,6,32.99	7,11,18.20
56,0,30.67	57,22,25.57		4,7,28.68	7,12,17.97
56,1,29.46	57,23,36.81		4,8,22.45	7,13,18.21
56,2,32.53	57,24,57.25		4,9,19.66	7,14,17.94
56,3,30.79	57,25,50.17		4,10,18.77	7,15,17.74
56,4,21.51	57,26,52.06		4,11,17.76	7,16,17.24
56,5,20.77	57,27,49.41		4,12,16.70	7,17,17.07
56,6,22.35	57,28,59.26		4,13,16.58	7,18,17.53
56,7,19.85	57,29,63.90		4,14,16.99	7,19,18.15
56,8,23.46	57,30,66.43		4,15,17.79	8,0,17.60
56,9,17.80	57,31,64.84		4,16,20.42	8,1,17.48
56,10,17.49	57,32,59.94		4,17,25.07	8,2,17.36
56,11,17.95	57,33,59.99		5,0,18.23	8,3,17.68
56,12,16.81	57,34,31.99		5,1,17.77	8,4,19.08
56,13,15.93	57,35,36.44		5,2,18.85	8,5,20.13
56,14,17.15	58,0,28.15		5,3,21.78	8,6,23.08
56,15,16.19	58,1,29.22		5,4,29.58	8,7,24.32
56,16,20.10	58,2,28.76		5,5,36.77	8,8,25.64
56,17,20.23	58,3,26.19		5,6,36.81	8,9,24.07
56,18,17.85	58,4,21.64		5,7,26.45	8,10,22.10
56,19,18.61	58,5,23.17		5,8,22.35	8,11,20.15
56,20,23.22	58,6,27.88		5,9,20.41	8,12,18.61
56,21,23.32	58,7,19.43		5,10,18.32	8,13,18.34
56,22,27.56	58,8,18.00		5,11,17.38	8,14,19.47
56,23,29.32	58,9,17.48		5,12,16.79	8,15,19.48
56,24,38.03	58,10,15.32		5,13,16.91	8,16,18.92
56,25,45.84	58,11,14.88		5,14,16.89	8,17,18.58
56,26,48.02	58,12,15.94		5,15,17.34	8,18,18.30
56,27,68.11	58,13,15.68		5,16,17.81	8,19,18.34
56,28,47.66	58,14,17.63		5,17,20.25	9,0,17.27
56,29,48.77	58,17,32.53		5,18,34.06	9,1,17.39

AREA 5 GRIDS E3-F3

BOURNE CASTLE SURVEY 2006 & 2021

9,2,17.18	12,4,18.59	15,6,18.55	18,8,22.80	21,10,30.64
9,3,17.27	12,5,19.46	15,7,19.39	18,9,24.22	21,11,37.92
9,4,18.25	12,6,19.16	15,8,21.51	18,10,23.20	21,12,32.69
9,5,19.74	12,7,20.97	15,9,22.84	18,11,25.28	21,13,28.24
9,6,22.96	12,8,22.79	15,10,24.81	18,12,32.31	21,14,31.14
9,7,24.51	12,9,23.30	15,11,24.89	18,13,36.31	21,15,27.17
9,8,26.22	12,10,22.67	15,12,25.66	18,14,29.89	21,16,26.12
9,9,23.81	12,11,23.86	15,13,24.76	18,15,24.79	21,17,28.84
9,10,21.17	12,12,22.50	15,14,22.82	18,16,24.00	21,18,23.76
9,11,20.18	12,13,21.24	15,15,24.58	18,17,23.25	21,19,22.17
9,12,19.36	12,14,21.62	15,16,27.16	18,18,22.99	22,0,18.12
9,13,20.00	12,15,23.09	15,17,23.65	18,19,21.56	22,1,19.26
9,14,19.81	12,16,24.21	15,18,21.02	19,0,18.40	22,2,20.20
9,15,20.35	12,17,22.91	15,19,20.88	19,1,17.99	22,3,20.11
9,16,19.53	12,18,20.27	16,0,18.01	19,2,19.06	22,4,23.32
9,17,19.25	12,19,20.06	16,1,18.45	19,3,18.64	22,5,24.04
9,18,18.82	13,0,18.02	16,2,18.81	19,4,20.85	22,6,25.76
9,19,19.24	13,1,17.77	16,3,17.89	19,5,19.51	22,7,30.73
10,0,16.55	13,2,18.00	16,4,18.71	19,6,20.64	22,8,32.56
10,1,17.29	13,3,17.52	16,5,18.90	19,7,22.65	22,9,32.24
10,2,17.10	13,4,18.67	16,6,18.44	19,8,23.96	22,10,30.44
10,3,18.25	13,5,18.89	16,7,19.19	19,9,25.14	22,11,34.74
10,4,18.73	13,6,19.49	16,8,19.76	19,10,25.47	22,12,33.12
10,5,19.13	13,7,19.97	16,9,21.43	19,11,28.64	22,13,29.52
10,6,21.38	13,8,22.06	16,10,26.00	19,12,37.89	22,14,26.06
10,7,23.74	13,9,23.87	16,11,29.19	19,13,29.84	22,15,24.73
10,8,24.62	13,10,24.77	16,12,24.65	19,14,25.27	22,16,25.71
10,9,22.66	13,11,25.04	16,13,26.68	19,15,24.60	22,17,25.14
10,10,21.66	13,12,22.87	16,14,24.66	19,16,23.96	22,18,26.26
10,11,21.21	13,13,22.34	16,15,26.51	19,17,23.42	22,19,24.28
10,12,20.33	13,14,22.63	16,16,27.28	19,18,22.52	23,0,19.43
10,13,20.62	13,15,23.89	16,17,25.63	19,19,21.25	23,1,20.07
10,14,21.15	13,16,25.49	16,18,22.57	20,0,18.61	23,2,20.12
10,15,20.72	13,17,24.56	16,19,20.90	20,1,18.41	23,3,21.19
10,16,20.40	13,18,20.39	17,0,17.72	20,2,19.64	23,4,23.72
10,17,19.29	13,19,20.61	17,1,18.12	20,3,19.45	23,5,25.35
10,18,19.16	14,0,18.14	17,2,18.37	20,4,19.81	23,6,30.28
10,19,19.81	14,1,18.19	17,3,18.44	20,5,20.40	23,7,31.99
11,0,16.89	14,2,18.33	17,4,18.94	20,6,22.53	23,8,31.60
11,1,16.88	14,3,17.56	17,5,18.11	20,7,23.75	23,9,33.89
11,2,17.45	14,4,18.27	17,6,19.01	20,8,25.76	23,10,29.44
11,3,17.79	14,5,18.42	17,7,19.75	20,9,28.53	23,11,32.99
11,4,18.63	14,6,18.50	17,8,20.43	20,10,32.28	23,12,28.65
11,5,20.29	14,7,20.12	17,9,21.24	20,11,35.40	23,13,25.07
11,6,20.46	14,8,22.55	17,10,23.94	20,12,38.70	23,14,24.87
11,7,22.86	14,9,24.60	17,11,26.41	20,13,25.72	23,15,23.65
11,8,21.87	14,10,26.18	17,12,24.88	20,14,27.01	23,16,25.49
11,9,21.35	14,11,25.03	17,13,26.57	20,15,30.41	23,17,24.72
11,10,21.75	14,12,24.40	17,14,29.35	20,16,25.65	23,18,25.31
11,11,22.45	14,13,24.13	17,15,26.99	20,17,27.49	23,19,26.51
11,12,20.77	14,14,23.48	17,16,27.93	20,18,22.03	24,0,19.95
11,13,20.58	14,15,24.20	17,17,25.39	20,19,21.67	24,1,20.24
11,14,21.55	14,16,26.72	17,18,21.54	21,0,17.44	24,2,21.89
11,15,22.02	14,17,22.83	17,19,21.49	21,1,18.68	24,3,24.18
11,16,21.11	14,18,20.86	18,0,17.87	21,2,20.16	24,4,26.28
11,17,19.75	14,19,20.87	18,1,17.93	21,3,19.14	24,5,25.54
11,18,19.72	15,0,17.92	18,2,19.35	21,4,20.59	24,6,28.73
11,19,19.69	15,1,18.67	18,3,18.78	21,5,21.83	24,7,29.25
12,0,17.70	15,2,18.18	18,4,18.67	21,6,23.30	24,8,29.58
12,1,17.54	15,3,18.11	18,5,19.90	21,7,26.43	24,9,27.56
12,2,17.59	15,4,18.63	18,6,21.41	21,8,28.81	24,10,27.57
12,3,17.88	15,5,18.13	18,7,22.29	21,9,29.72	24,11,23.25

BOURNE CASTLE SURVEY 2006 & 2021

24,12,21.80	27,14,20.80	0,14,16.70	4,2,18.67	7,12,19.35
24,13,22.77	27,15,20.74	0,15,15.99	4,3,19.27	7,13,18.05
24,14,21.37	27,16,21.17	0,16,16.27	4,4,18.20	7,14,16.94
24,15,22.28	27,17,20.69	0,17,16.04	4,5,17.84	7,15,16.10
24,16,21.47	27,18,22.69	0,18,16.27	4,6,18.50	7,16,15.89
24,17,22.43	27,19,25.60	0,19,16.47	4,7,18.97	7,17,15.77
24,18,24.79	28,0,23.10	1,0,19.59	4,8,24.11	7,18,16.38
24,19,25.12	28,1,21.35	1,1,22.42	4,11,17.20	7,19,17.62
25,0,19.62	28,2,20.69	1,2,18.95	4,12,17.81	8,0,18.29
25,1,21.66	28,3,21.79	1,3,18.84	4,13,17.49	8,1,19.17
25,2,22.33	28,4,24.51	1,4,17.55	4,14,16.54	8,2,22.22
25,3,25.33	28,5,23.23	1,5,17.05	4,15,15.97	8,3,18.36
25,4,24.88	28,6,22.59	1,6,17.06	4,16,16.11	8,4,19.11
25,5,26.97	28,9,27.59	1,7,16.69	4,17,16.42	8,5,20.77
25,6,28.49	28,10,23.14	1,8,16.96	4,18,17.28	8,6,25.26
25,7,26.92	28,11,22.17	1,9,17.52	4,19,17.98	8,10,23.01
25,8,27.52	28,12,21.73	1,12,19.41	5,0,18.60	8,11,19.62
25,9,26.03	28,13,20.73	1,13,17.05	5,1,17.45	8,12,19.20
25,10,24.54	28,14,20.27	1,14,17.07	5,2,19.21	8,13,20.09
25,11,22.58	28,15,20.07	1,15,16.81	5,3,17.52	8,14,18.98
25,12,22.96	28,16,21.30	1,16,16.74	5,4,18.88	8,15,16.97
25,13,23.45	28,17,21.42	1,17,17.13	5,5,20.64	8,16,15.48
25,14,20.91	28,18,24.24	1,18,16.26	5,6,20.31	8,17,15.47
25,15,20.65	28,19,25.36	1,19,17.23	5,7,21.36	8,18,15.28
25,16,20.76	29,0,21.84	2,0,21.46	5,10,20.38	8,19,15.35
25,17,23.01	29,1,20.42	2,1,19.79	5,11,21.81	9,0,20.25
25,18,25.25	29,2,20.63	2,2,20.54	5,12,17.53	9,1,21.04
25,19,26.67	29,3,23.63	2,3,18.98	5,13,16.94	9,2,21.47
26,0,20.66	29,4,25.26	2,4,17.75	5,14,16.78	9,3,19.38
26,1,22.22	29,5,22.79	2,5,17.17	5,15,16.22	9,4,18.67
26,2,24.45	29,6,21.38	2,6,17.43	5,16,16.48	9,5,19.71
26,3,20.97	29,7,25.85	2,7,17.21	5,17,16.38	9,8,20.95
26,4,21.86	29,9,22.69	2,8,17.30	5,18,16.20	9,9,21.31
26,5,24.73	29,10,21.24	2,9,17.77	5,19,17.42	9,10,20.62
26,6,26.18	29,11,19.74	2,12,17.40	6,0,19.19	9,11,19.89
26,7,28.23	29,12,20.85	2,13,16.96	6,1,20.55	9,12,21.34
26,8,26.24	29,13,20.30	2,14,17.19	6,2,19.35	9,13,19.38
26,9,21.01	29,14,19.98	2,15,17.00	6,3,20.37	9,14,17.65
26,10,22.17	29,15,20.05	2,16,17.03	6,4,18.40	9,15,16.14
26,11,20.91	29,16,21.00	2,17,17.21	6,5,19.47	9,16,15.70
26,12,23.09	29,17,21.68	2,18,16.94	6,6,19.53	9,17,15.19
26,13,21.69	29,18,22.17	2,19,17.99	6,9,24.90	9,18,15.26
26,14,21.40	29,19,27.56	3,0,20.94	6,10,19.64	9,19,15.29
26,15,20.64		3,1,18.96	6,11,19.52	10,0,20.22
26,16,20.84		3,2,18.10	6,12,17.75	10,1,19.61
26,17,21.34		3,3,19.14	6,13,17.32	10,2,20.25
26,18,22.78		3,4,18.53	6,14,16.76	10,3,19.11
26,19,26.00		3,5,17.69	6,15,15.93	10,4,18.27
27,0,21.21		3,6,16.49	6,16,15.97	10,7,21.45
27,1,22.97		3,7,17.68	6,17,15.80	10,8,21.12
27,2,23.86		3,8,17.57	6,18,16.72	10,9,21.90
27,3,20.56		3,11,24.33	6,19,18.14	10,10,25.27
27,4,21.48		3,12,17.72	7,0,19.04	10,11,17.84
27,5,23.99		3,13,16.80	7,1,20.89	10,12,19.46
27,6,27.22		3,14,16.60	7,2,20.03	10,13,20.03
27,7,27.32		3,15,16.58	7,3,18.40	10,14,17.92
27,8,25.95		3,16,16.44	7,4,19.72	10,15,16.36
27,9,22.73		3,17,16.69	7,5,23.10	10,16,15.85
27,10,20.65		3,18,17.24	7,6,20.94	10,17,14.85
27,11,20.69		3,19,18.58	7,9,23.38	10,18,15.35
27,12,21.67		4,0,19.41	7,10,18.89	10,19,15.45
27,13,21.16		4,1,18.95	7,11,20.36	11,0,18.73

AREA 4 GRIDS G3-G6

BOURNE CASTLE SURVEY 2006 & 2021

11,1,22.89	14,11,17.88	17,19,14.91	21,9,18.98	24,17,15.88
11,2,20.74	14,12,20.13	18,0,20.20	21,10,17.70	24,18,16.23
11,3,18.40	14,13,20.08	18,1,25.19	21,11,17.68	24,19,16.10
11,4,18.43	14,14,19.52	18,2,21.66	21,12,16.28	25,2,20.97
11,7,19.99	14,15,15.86	18,4,21.82	21,13,17.91	25,3,21.60
11,8,20.68	14,16,15.97	18,5,21.38	21,14,16.21	25,4,20.81
11,9,24.73	14,17,15.66	18,6,21.78	21,15,16.53	25,5,21.12
11,10,27.95	14,18,15.30	18,7,20.69	21,16,16.32	25,6,20.07
11,11,20.33	14,19,15.58	18,8,19.84	21,17,16.75	25,7,20.04
11,12,20.17	15,0,19.77	18,9,19.81	21,18,16.33	25,8,19.45
11,13,20.08	15,1,22.19	18,10,17.28	21,19,15.68	25,9,19.96
11,14,18.92	15,2,19.67	18,11,17.89	22,0,39.66	25,10,18.55
11,15,16.26	15,5,24.91	18,12,18.42	22,3,22.75	25,11,17.71
11,16,15.82	15,6,20.89	18,13,20.36	22,4,23.89	25,12,17.52
11,17,15.01	15,7,20.06	18,14,19.33	22,5,24.94	25,13,16.90
11,18,15.15	15,8,19.92	18,15,17.66	22,6,20.24	25,14,16.36
11,19,15.05	15,9,20.29	18,16,18.06	22,7,18.81	25,15,16.08
12,0,20.01	15,10,18.78	18,17,16.52	22,8,18.77	25,16,16.51
12,1,21.22	15,11,17.52	18,18,15.68	22,9,18.18	25,17,16.10
12,2,21.94	15,12,19.81	18,19,16.57	22,10,17.77	25,18,16.10
12,3,21.32	15,13,20.80	19,0,23.05	22,11,16.97	25,19,16.02
12,4,30.86	15,14,18.95	19,1,28.09	22,12,17.26	26,1,27.48
12,6,27.49	15,15,18.30	19,4,20.40	22,13,17.00	26,2,21.00
12,7,26.18	15,16,16.86	19,5,22.52	22,14,16.07	26,3,21.40
12,8,21.30	15,17,15.80	19,6,22.61	22,15,16.09	26,4,20.43
12,10,21.20	15,18,15.45	19,7,21.75	22,16,15.98	26,5,20.04
12,11,20.99	15,19,15.81	19,8,19.90	22,17,16.89	26,6,20.02
12,12,19.93	16,0,20.64	19,9,19.10	22,18,16.72	26,7,21.16
12,13,21.05	16,1,21.63	19,10,18.64	22,19,16.24	26,8,21.84
12,14,20.60	16,2,24.49	19,11,18.11	23,2,30.33	26,9,19.34
12,15,16.51	16,5,19.43	19,12,19.09	23,3,23.16	26,10,18.21
12,16,16.09	16,6,20.07	19,13,19.31	23,4,23.00	26,11,18.10
12,17,16.38	16,7,20.95	19,14,19.18	23,5,24.17	26,12,18.00
12,18,15.28	16,8,20.34	19,15,18.33	23,6,22.25	26,13,18.02
12,19,15.29	16,9,18.65	19,16,17.14	23,7,19.36	26,14,17.87
13,0,20.35	16,10,17.44	19,17,16.40	23,8,18.45	26,15,17.46
13,1,21.56	16,11,18.62	19,18,16.08	23,9,18.35	26,16,16.46
13,2,22.62	16,12,18.65	19,19,16.07	23,10,17.28	26,17,16.64
13,3,22.42	16,13,20.34	20,0,21.93	23,11,18.03	26,18,16.24
13,6,19.09	16,14,23.38	20,1,35.21	23,12,17.94	26,19,15.95
13,7,20.44	16,15,17.51	20,3,22.48	23,13,17.26	27,1,24.85
13,8,25.21	16,16,17.70	20,4,23.41	23,14,16.79	27,2,21.12
13,9,24.53	16,17,15.89	20,7,21.42	23,15,16.24	27,3,21.08
13,10,21.07	16,18,14.72	20,8,21.96	23,16,16.14	27,4,21.24
13,11,18.75	16,19,15.93	20,9,18.95	23,17,16.04	27,5,20.89
13,12,20.37	17,0,21.28	20,10,18.06	23,18,16.25	27,6,21.36
13,13,21.76	17,1,20.80	20,11,18.11	23,19,16.03	27,7,23.08
13,14,18.38	17,4,41.71	20,12,19.20	24,2,21.74	27,8,22.65
13,15,16.71	17,5,21.33	20,13,17.90	24,3,20.99	27,9,19.34
13,16,15.88	17,6,20.84	20,14,18.15	24,4,21.26	27,10,18.06
13,17,15.71	17,7,21.31	20,15,16.88	24,5,21.78	27,11,18.13
13,18,15.23	17,8,19.84	20,16,16.41	24,6,22.07	27,12,18.22
13,19,14.99	17,9,19.21	20,17,16.00	24,7,20.70	27,13,18.41
14,0,20.26	17,10,18.47	20,18,15.83	24,8,19.34	27,14,18.07
14,1,23.47	17,11,16.98	20,19,17.02	24,9,19.38	27,15,17.86
14,2,20.84	17,12,18.74	21,0,23.16	24,10,18.42	27,16,17.17
14,3,32.03	17,13,21.38	21,3,20.90	24,11,17.45	27,17,16.93
14,6,19.41	17,14,20.33	21,4,20.78	24,12,17.16	27,18,16.51
14,7,20.63	17,15,16.79	21,5,26.49	24,13,16.71	27,19,15.91
14,8,20.56	17,16,18.23	21,6,21.10	24,14,16.34	28,1,19.57
14,9,21.61	17,17,17.00	21,7,18.90	24,15,16.08	28,2,20.75
14,10,19.63	17,18,16.25	21,8,18.52	24,16,16.28	28,3,21.81

BOURNE CASTLE SURVEY 2006 & 2021

28,4,20.34	31,10,20.34	34,13,20.52	37,17,20.66	41,0,19.16
28,5,20.43	31,11,17.99	34,14,21.61	37,18,18.37	41,1,19.31
28,6,19.83	31,12,18.65	34,15,19.35	37,19,17.30	41,2,20.57
28,7,23.55	31,13,18.50	34,16,19.07	38,0,17.22	41,3,17.79
28,8,23.95	31,14,19.91	34,17,17.40	38,1,18.32	41,4,16.96
28,9,20.17	31,15,18.98	34,18,16.83	38,2,25.20	41,5,19.90
28,10,18.41	31,16,18.32	34,19,16.42	38,3,21.06	41,6,20.42
28,11,19.12	31,17,16.78	35,0,16.87	38,4,17.78	41,7,20.96
28,12,19.97	31,18,17.22	35,1,17.67	38,5,18.38	41,8,20.47
28,13,19.99	31,19,16.54	35,2,18.55	38,6,20.62	41,9,19.23
28,14,20.43	32,0,29.82	35,3,17.47	38,7,19.12	41,10,20.07
28,15,19.15	32,1,18.20	35,4,20.49	38,8,19.75	41,11,20.22
28,16,17.36	32,2,19.39	35,5,20.01	38,9,18.44	41,12,20.07
28,17,17.22	32,3,19.11	35,6,20.33	38,10,18.82	41,13,20.21
28,18,16.47	32,4,19.18	35,7,19.55	38,11,19.66	41,14,23.80
28,19,16.10	32,5,20.85	35,8,19.32	38,12,19.22	41,15,29.83
29,1,18.23	32,6,19.77	35,9,18.89	38,13,20.71	41,16,26.35
29,2,20.26	32,7,20.17	35,10,18.59	38,14,21.08	41,17,20.69
29,4,20.11	32,8,19.61	35,11,18.07	38,15,22.99	41,18,18.51
29,5,19.99	32,9,19.73	35,12,18.10	38,16,22.13	41,19,16.75
29,6,21.34	32,10,18.82	35,13,17.86	38,17,19.90	42,0,20.06
29,7,22.85	32,11,17.69	35,14,20.31	38,18,18.84	42,1,18.81
29,8,22.95	32,12,18.92	35,15,21.49	38,19,16.96	42,2,17.43
29,9,20.99	32,13,19.47	35,16,19.11	39,0,19.47	42,3,16.53
29,10,18.80	32,14,18.65	35,17,18.05	39,1,17.66	42,4,17.77
29,11,18.82	32,15,19.47	35,18,16.84	39,3,19.07	42,5,19.56
29,12,20.05	32,16,18.88	35,19,15.97	39,4,17.91	42,6,20.16
29,13,20.40	32,17,18.11	36,2,16.75	39,5,20.64	42,7,19.68
29,14,20.05	32,18,17.30	36,3,17.93	39,6,20.26	42,8,20.22
29,15,20.58	32,19,16.91	36,4,17.85	39,7,19.17	42,9,19.20
29,16,18.01	33,1,17.83	36,5,17.50	39,8,19.74	42,10,19.33
29,17,17.37	33,2,19.92	36,6,20.06	39,9,19.25	42,11,20.51
29,18,16.85	33,3,18.68	36,7,20.75	39,10,20.24	42,12,19.88
29,19,16.25	33,4,19.20	36,8,21.01	39,11,18.80	42,13,21.72
30,1,21.03	33,5,20.29	36,9,21.58	39,12,19.79	42,14,22.88
30,2,21.25	33,6,21.05	36,10,19.17	39,13,20.92	42,15,27.54
30,3,30.62	33,7,21.68	36,11,18.79	39,14,21.88	42,16,24.94
30,4,20.51	33,8,20.20	36,12,18.92	39,15,23.37	42,17,24.38
30,5,19.65	33,9,19.53	36,13,18.49	39,16,24.77	42,18,19.20
30,6,22.44	33,10,18.76	36,14,18.65	39,17,20.51	42,19,17.51
30,7,22.19	33,11,17.85	36,15,20.29	39,18,19.01	43,0,16.82
30,8,22.06	33,12,18.40	36,16,20.39	39,19,17.14	43,1,18.11
30,9,20.08	33,13,19.59	36,17,22.74	40,0,16.85	43,2,18.24
30,10,19.39	33,14,18.47	36,18,18.05	40,1,19.27	43,3,17.97
30,11,17.64	33,15,20.22	36,19,18.02	40,2,19.91	43,4,18.98
30,12,18.90	33,16,20.21	37,0,18.15	40,3,18.11	43,5,19.07
30,13,19.80	33,17,18.50	37,1,18.15	40,4,17.27	43,6,20.35
30,14,19.21	33,18,17.22	37,2,17.98	40,5,18.56	43,7,19.19
30,15,19.96	33,19,16.70	37,3,17.83	40,6,20.41	43,8,20.18
30,16,18.97	34,0,16.82	37,4,17.67	40,7,20.00	43,9,19.12
30,17,17.89	34,1,17.46	37,5,18.82	40,8,19.83	43,10,19.68
30,18,16.98	34,2,18.86	37,6,23.22	40,9,18.29	43,11,19.63
30,19,16.43	34,3,18.66	37,7,20.44	40,10,19.22	43,12,19.73
31,1,20.18	34,4,19.63	37,8,20.09	40,11,19.88	43,13,23.52
31,2,20.67	34,5,20.27	37,9,19.02	40,12,18.93	43,14,25.29
31,3,22.43	34,6,21.48	37,10,18.43	40,13,20.62	43,15,23.89
31,4,19.14	34,7,21.08	37,11,18.94	40,14,22.61	43,16,21.36
31,5,19.96	34,8,18.92	37,12,19.36	40,15,28.34	43,17,21.58
31,6,22.41	34,9,18.70	37,13,20.19	40,16,21.64	43,18,19.36
31,7,21.47	34,10,18.38	37,14,21.28	40,17,20.93	43,19,17.89
31,8,19.49	34,11,17.16	37,15,25.00	40,18,18.20	44,0,16.55
31,9,21.28	34,12,19.11	37,16,20.02	40,19,17.16	44,1,17.22

BOURNE CASTLE SURVEY 2006 & 2021

44,2,17.43	47,4,17.28	50,7,24.86	53,9,36.99	56,11,37.78
44,3,17.34	47,5,16.70	50,8,28.67	53,10,35.78	56,12,41.41
44,4,18.37	47,6,16.72	50,9,24.59	53,11,40.40	56,13,41.94
44,5,17.56	47,7,16.58	50,10,26.19	53,12,38.22	56,14,29.19
44,6,17.93	47,8,17.23	50,11,28.16	53,13,42.78	56,15,32.32
44,7,18.25	47,9,17.68	50,12,26.74	53,14,40.56	56,16,32.45
44,8,18.03	47,10,17.37	50,13,29.75	53,15,24.41	56,17,31.71
44,9,18.39	47,11,18.13	50,14,29.89	53,16,30.46	56,18,27.50
44,10,19.64	47,12,18.57	50,15,29.99	53,17,28.05	56,19,25.74
44,11,20.08	47,13,19.31	50,16,25.91	53,18,24.78	57,0,18.36
44,12,22.67	47,14,21.10	50,17,19.31	53,19,28.85	57,2,28.36
44,13,21.18	47,15,24.83	50,18,21.06	54,0,18.49	57,3,23.87
44,14,23.24	47,16,22.82	50,19,18.99	54,1,18.88	57,4,32.24
44,15,25.48	47,17,24.41	51,0,17.11	54,2,19.49	57,5,48.94
44,16,22.97	47,18,19.53	51,1,17.45	54,3,18.26	57,6,49.38
44,17,21.88	47,19,17.71	51,2,17.68	54,4,20.80	57,7,41.94
44,18,19.09	48,0,17.08	51,3,17.05	54,5,32.61	57,8,46.46
44,19,16.34	48,1,18.18	51,4,17.89	54,6,44.65	57,9,39.01
45,0,16.45	48,3,17.42	51,5,20.25	54,7,46.66	57,10,36.18
45,1,16.59	48,4,17.63	51,6,29.51	54,8,34.67	57,11,38.64
45,2,17.66	48,5,16.67	51,7,28.25	54,9,40.07	57,12,40.02
45,3,17.12	48,6,16.09	51,8,31.06	54,10,42.07	57,13,42.11
45,4,17.89	48,7,17.20	51,9,31.70	54,11,39.82	57,14,36.22
45,5,16.75	48,8,17.05	51,10,30.67	54,12,44.01	57,15,29.34
45,6,16.52	48,9,17.59	51,11,29.56	54,13,39.46	57,16,26.58
45,7,16.92	48,10,18.76	51,12,34.58	54,14,30.49	57,17,22.01
45,8,17.95	48,11,19.77	51,13,29.52	54,15,26.47	57,18,28.09
45,9,17.06	48,12,21.17	51,14,31.67	54,16,26.03	57,19,29.77
45,10,18.05	48,13,21.37	51,15,32.69	54,17,26.08	58,0,18.72
45,11,19.26	48,14,27.71	51,16,30.19	54,18,27.56	58,1,21.16
45,12,21.56	48,15,24.94	51,17,24.48	54,19,28.58	58,2,29.99
45,13,19.43	48,16,21.51	51,18,22.16	55,0,17.95	58,3,25.57
45,14,16.74	48,17,24.67	51,19,21.69	55,1,18.90	58,4,34.54
45,15,20.61	48,18,20.23	52,0,17.82	55,2,19.96	58,5,57.12
45,16,20.15	48,19,17.92	52,1,17.57	55,3,19.65	58,6,43.53
45,17,19.64	49,0,16.26	52,2,18.37	55,4,19.98	58,7,41.50
45,18,18.26	49,1,20.81	52,3,17.83	55,5,39.23	58,8,45.10
45,19,17.57	49,2,18.71	52,4,17.94	55,6,62.49	58,9,23.15
46,0,16.19	49,3,17.42	52,5,25.35	55,7,52.53	58,10,49.94
46,1,16.21	49,4,17.15	52,6,34.48	55,8,49.37	58,11,37.78
46,2,17.16	49,5,17.44	52,7,33.40	55,9,40.09	58,12,41.07
46,3,16.81	49,6,18.98	52,8,33.18	55,10,39.09	58,13,39.59
46,4,16.99	49,7,19.08	52,9,31.89	55,11,37.77	58,14,36.60
46,5,17.01	49,8,19.18	52,10,32.24	55,12,45.65	58,15,28.02
46,6,16.65	49,9,19.72	52,11,37.51	55,13,40.67	58,16,30.98
46,7,17.31	49,10,21.92	52,12,31.35	55,14,37.61	58,17,29.33
46,8,16.88	49,11,24.88	52,13,35.49	55,15,29.46	58,18,27.42
46,9,17.51	49,12,23.88	52,14,31.96	55,16,28.52	58,19,25.75
46,10,17.25	49,13,27.96	52,15,26.58	55,17,27.25	59,0,20.02
46,11,17.79	49,14,23.53	52,16,28.66	55,18,25.12	59,1,21.40
46,12,19.05	49,15,27.04	52,17,29.92	55,19,34.18	59,2,29.88
46,13,17.93	49,16,24.31	52,18,22.86	56,0,19.17	59,3,29.93
46,14,22.54	49,17,22.94	52,19,24.97	56,1,21.05	59,4,29.61
46,15,21.27	49,18,20.80	53,0,18.01	56,2,21.28	59,5,51.11
46,16,22.43	49,19,18.85	53,1,18.15	56,3,20.59	59,6,53.11
46,17,23.56	50,0,16.22	53,2,18.45	56,4,25.37	59,7,27.34
46,18,18.75	50,1,18.01	53,3,20.67	56,5,56.44	59,8,26.81
46,19,17.62	50,2,19.01	53,4,18.97	56,6,54.87	59,9,21.10
47,0,16.96	50,3,16.95	53,5,28.16	56,7,40.03	59,10,27.34
47,1,17.28	50,4,17.55	53,6,38.12	56,8,45.87	59,11,42.01
47,2,16.24	50,5,21.37	53,7,38.99	56,9,40.74	59,12,39.58
47,3,17.30	50,6,24.35	53,8,42.85	56,10,35.15	59,13,39.25

BOURNE CASTLE SURVEY 2006 & 2021

59,14,38.73	62,17,34.06	65,19,26.56	69,3,20.38	72,5,24.42
59,15,29.00	62,18,28.38	66,0,19.69	69,4,23.65	72,6,22.71
59,16,29.21	62,19,20.38	66,2,22.81	69,5,29.32	72,7,21.78
59,17,25.28	63,0,18.60	66,3,24.55	69,6,34.54	72,8,23.25
59,18,29.11	63,1,19.22	66,4,32.09	69,7,36.49	72,9,21.96
59,19,25.62	63,2,21.65	66,5,38.64	69,8,37.88	72,10,21.51
60,0,19.70	63,3,22.50	66,6,36.01	69,9,37.42	72,11,20.66
60,1,21.88	63,4,30.64	66,7,37.23	69,10,36.33	72,12,19.54
60,2,29.36	63,5,47.26	66,8,45.76	69,11,34.10	72,13,19.22
60,3,29.29	63,6,43.69	66,9,41.53	69,12,32.89	72,14,19.62
60,4,34.37	63,7,42.08	66,10,40.10	69,13,28.80	72,15,17.06
60,5,59.54	63,8,40.57	66,11,40.10	69,14,24.11	72,16,18.09
60,6,39.62	63,9,40.32	66,12,33.89	69,15,20.28	72,17,17.65
60,7,30.92	63,10,52.10	66,13,39.10	69,16,20.46	72,18,19.52
60,8,25.15	63,11,47.10	66,14,38.83	69,17,21.19	72,19,22.60
60,10,23.00	63,12,44.42	66,15,37.14	69,18,21.19	73,0,20.96
60,11,44.07	63,13,43.68	66,16,29.15	69,19,20.53	73,1,20.14
60,12,45.02	63,14,37.96	66,17,23.23	70,0,20.67	73,2,20.16
60,13,44.05	63,15,33.41	66,18,23.49	70,1,20.37	73,3,21.49
60,14,38.81	63,16,27.75	66,19,24.25	70,2,21.91	73,4,22.20
60,15,35.26	63,17,26.26	67,0,21.36	70,3,22.47	73,5,22.10
60,16,31.59	63,18,27.23	67,2,25.17	70,4,22.56	73,6,22.93
60,17,28.60	63,19,25.29	67,3,22.24	70,5,23.70	73,7,21.16
60,18,26.57	64,0,18.72	67,4,26.96	70,6,24.37	73,8,20.39
60,19,23.99	64,1,18.47	67,5,37.80	70,7,32.43	73,9,20.95
61,0,19.63	64,2,20.70	67,6,39.05	70,8,32.03	73,10,19.66
61,1,20.30	64,3,23.52	67,7,45.60	70,9,29.53	73,11,19.19
61,2,28.26	64,4,31.26	67,8,47.54	70,10,29.57	73,12,19.23
61,3,25.71	64,5,42.40	67,9,46.92	70,11,27.45	73,13,18.65
61,4,34.73	64,6,41.79	67,10,38.43	70,12,23.41	73,14,17.84
61,5,47.25	64,7,49.09	67,11,40.18	70,13,23.40	73,15,17.55
61,6,42.25	64,8,41.78	67,12,35.79	70,14,22.60	73,16,18.42
61,7,30.26	64,9,43.11	67,13,36.26	70,15,21.76	73,17,17.60
61,8,26.68	64,10,53.40	67,14,26.56	70,16,20.06	73,18,22.57
61,9,44.91	64,11,48.03	67,15,27.95	70,17,19.41	73,19,22.55
61,10,37.19	64,12,43.03	67,16,26.23	70,18,19.66	74,0,18.89
61,11,47.95	64,13,40.55	67,17,24.67	70,19,19.57	74,1,20.48
61,12,46.58	64,14,33.97	67,18,24.81	71,0,20.80	74,2,20.07
61,13,43.05	64,15,32.50	67,19,20.56	71,1,19.67	74,3,21.42
61,14,41.33	64,16,38.47	68,0,20.41	71,2,22.53	74,4,20.87
61,15,33.08	64,17,23.66	68,1,20.48	71,3,22.61	74,5,21.26
61,16,42.62	64,18,21.23	68,2,22.45	71,4,22.58	74,6,20.23
61,17,36.72	64,19,29.65	68,3,22.66	71,5,23.36	74,7,19.22
61,18,28.03	65,0,18.96	68,4,28.63	71,6,22.82	74,8,19.46
61,19,27.67	65,1,18.75	68,5,38.48	71,7,22.54	74,9,18.73
62,0,19.23	65,2,26.07	68,6,39.81	71,8,24.48	74,10,19.65
62,1,18.52	65,3,23.55	68,7,39.82	71,9,22.81	74,11,19.21
62,2,23.49	65,4,33.39	68,8,43.36	71,10,23.17	74,12,19.82
62,3,23.72	65,5,40.29	68,9,42.46	71,11,23.80	74,13,20.30
62,4,33.97	65,6,36.71	68,10,42.27	71,12,21.16	74,14,18.73
62,5,50.29	65,7,43.69	68,11,44.77	71,13,21.15	74,15,19.87
62,6,38.69	65,8,46.99	68,12,30.11	71,14,20.30	74,16,18.85
62,7,34.61	65,9,52.56	68,13,27.42	71,15,19.96	74,17,20.29
62,8,34.84	65,10,47.77	68,14,24.94	71,16,19.06	74,18,27.87
62,9,34.44	65,11,47.36	68,15,22.20	71,17,18.89	74,19,25.48
62,10,48.06	65,12,43.85	68,16,21.92	71,18,18.67	75,0,18.71
62,11,51.86	65,13,37.98	68,17,23.03	71,19,18.62	75,1,22.51
62,12,51.94	65,14,35.68	68,18,22.33	72,0,21.25	75,2,20.69
62,13,44.94	65,15,33.28	68,19,20.83	72,1,20.00	75,3,21.22
62,14,43.92	65,16,38.37	69,0,20.75	72,2,20.96	75,4,20.01
62,15,34.14	65,17,26.45	69,1,20.29	72,3,21.21	75,5,19.54
62,16,36.94	65,18,27.33	69,2,25.32	72,4,23.37	75,6,19.69

BOURNE CASTLE SURVEY 2006 & 2021

75,7,20.33	78,11,26.89	81,14,29.97	84,16,51.97	87,19,25.89
75,8,19.12	78,12,23.24	81,15,48.83	84,17,46.22	88,0,21.86
75,9,22.77	78,13,22.12	81,16,42.97	84,18,42.52	88,1,22.21
75,10,22.04	78,14,24.15	81,17,38.70	84,19,48.03	88,2,24.58
75,11,20.53	78,15,26.86	81,18,39.59	85,1,20.63	88,3,28.97
75,12,20.05	78,16,36.63	81,19,39.42	85,2,20.39	88,4,41.37
75,13,19.97	78,17,40.83	82,0,20.77	85,3,32.27	88,5,36.84
75,14,19.36	78,18,36.61	82,1,20.57	85,4,37.00	88,6,42.80
75,15,19.55	78,19,42.36	82,2,22.37	85,5,33.43	88,7,35.95
75,16,22.62	79,0,19.91	82,3,25.03	85,6,38.56	88,8,36.12
75,17,30.14	79,1,19.12	82,4,32.90	85,7,43.16	88,9,24.29
75,18,32.35	79,2,20.71	82,5,50.14	85,8,49.47	88,10,27.74
75,19,25.16	79,3,20.42	82,6,47.68	85,9,38.10	88,11,24.57
76,2,20.29	79,4,21.52	82,7,39.95	85,10,35.09	88,12,23.04
76,3,22.30	79,5,30.35	82,8,50.15	85,11,29.32	88,13,29.67
76,4,21.62	79,6,39.62	82,9,33.21	85,12,38.95	88,14,20.49
76,5,21.32	79,7,42.23	82,10,36.40	85,13,36.98	88,15,33.79
76,6,23.80	79,8,46.16	82,11,30.00	85,14,45.21	88,17,18.15
76,7,22.88	79,9,43.43	82,12,22.97	85,15,44.85	88,18,25.85
76,8,27.01	79,10,41.48	82,13,24.42	85,16,51.20	88,19,21.74
76,9,25.68	79,11,29.91	82,14,31.47	85,17,41.06	89,0,21.65
76,10,26.43	79,12,26.91	82,15,27.31	85,18,44.15	89,1,21.08
76,11,21.56	79,13,22.14	82,16,60.62	85,19,47.38	89,2,23.06
76,12,19.81	79,14,22.69	82,17,45.68	86,0,22.61	89,3,26.52
76,13,19.28	79,15,27.78	82,18,42.98	86,1,22.45	89,4,34.29
76,14,19.17	79,16,36.44	82,19,41.87	86,2,21.52	89,5,36.28
76,15,19.04	79,17,31.85	83,0,20.43	86,3,35.03	89,6,40.68
76,16,23.63	79,18,36.85	83,1,20.87	86,4,36.46	89,7,37.85
76,17,34.21	79,19,47.34	83,2,22.00	86,5,37.74	89,8,32.40
76,18,35.58	80,0,20.11	83,3,26.67	86,6,37.18	89,9,22.54
76,19,45.30	80,1,20.58	83,4,33.36	86,7,45.53	89,10,22.55
77,0,19.84	80,2,22.84	83,5,43.96	86,8,47.55	89,11,23.68
77,1,19.98	80,3,21.57	83,6,38.67	86,9,28.60	89,12,27.09
77,2,19.33	80,4,22.90	83,7,49.10	86,10,28.16	89,13,20.04
77,3,21.65	80,5,33.46	83,8,42.36	86,11,32.22	89,14,21.27
77,4,23.30	80,6,44.60	83,9,34.67	86,12,36.04	89,15,27.74
77,5,24.42	80,7,45.08	83,10,31.78	86,13,37.45	89,16,37.47
77,6,27.42	80,8,49.45	83,11,24.60	86,14,39.23	89,17,18.94
77,7,32.30	80,9,61.26	83,12,22.42	86,15,46.35	89,18,18.81
77,8,32.92	80,10,54.73	83,13,24.27	86,16,43.20	89,19,19.90
77,9,31.58	80,11,35.01	83,14,30.78	86,17,46.29	90,0,20.39
77,10,35.84	80,12,23.81	83,15,52.14	86,18,38.71	90,1,20.67
77,11,24.69	80,13,22.94	83,16,43.70	86,19,37.96	90,2,21.25
77,12,19.65	80,14,26.94	83,17,47.12	87,0,21.54	90,3,24.97
77,13,19.13	80,15,33.75	83,18,41.65	87,1,22.00	90,4,35.65
77,14,20.05	80,16,29.27	83,19,42.70	87,2,21.90	90,5,32.86
77,15,21.27	80,17,37.03	84,0,21.08	87,3,27.38	90,6,35.43
77,16,25.18	80,18,41.69	84,1,24.55	87,4,36.63	90,7,34.31
77,17,33.85	80,19,37.16	84,2,20.38	87,5,39.22	90,8,33.35
77,18,38.48	81,0,21.25	84,3,30.20	87,6,39.74	90,9,32.48
77,19,46.75	81,1,21.01	84,4,36.49	87,7,43.91	90,10,28.72
78,0,18.83	81,2,21.03	84,5,34.47	87,8,33.41	90,11,27.18
78,1,18.87	81,3,23.21	84,6,40.02	87,9,24.94	90,12,22.48
78,2,20.34	81,4,23.00	84,7,40.57	87,10,42.99	90,13,23.39
78,3,21.60	81,5,35.35	84,8,44.20	87,11,28.61	90,14,22.79
78,4,23.92	81,6,42.64	84,9,37.93	87,12,35.17	90,15,25.03
78,5,25.91	81,7,52.31	84,10,30.63	87,13,30.45	90,16,33.55
78,6,35.17	81,8,45.64	84,11,23.47	87,14,26.47	90,17,21.92
78,7,35.98	81,9,36.32	84,12,22.82	87,15,28.26	90,18,24.74
78,8,39.75	81,11,38.42	84,13,35.63	87,16,34.80	90,19,29.07
78,9,42.45	81,12,25.54	84,14,36.20	87,17,44.37	91,0,20.17
78,10,41.27	81,13,25.24	84,15,46.32	87,18,28.24	91,1,20.31

BOURNE CASTLE SURVEY 2006 & 2021

6,28,20.40	9,30,24.36	12,32,21.98	15,36,25.56	18,38,15.97
6,29,19.76	9,31,24.81	12,33,25.39	15,37,33.30	18,39,17.86
6,30,20.81	9,32,24.89	12,34,28.01	15,38,18.97	19,20,21.37
6,31,18.51	9,33,25.27	12,35,34.06	15,39,17.58	19,21,21.38
6,32,19.43	9,34,19.26	12,36,29.58	16,20,19.55	19,22,20.02
6,33,20.12	9,35,22.51	12,37,25.07	16,21,19.14	19,23,19.17
6,34,20.22	9,36,20.50	12,38,22.78	16,22,22.44	19,24,19.09
6,35,19.28	9,37,23.43	12,39,25.17	16,23,18.04	19,25,20.70
6,36,19.80	9,38,34.38	13,20,18.53	16,24,18.74	19,26,20.93
6,37,17.77	9,39,28.94	13,21,17.22	16,25,19.32	19,27,23.38
6,38,21.10	10,20,18.60	13,22,18.51	16,26,22.12	19,28,29.43
6,39,20.97	10,21,18.96	13,23,21.25	16,27,20.82	19,29,27.58
7,20,23.66	10,22,19.10	13,24,19.94	16,28,21.59	19,30,27.25
7,21,19.24	10,23,19.89	13,25,19.87	16,29,30.50	19,31,27.55
7,22,21.19	10,24,20.24	13,26,25.01	16,30,32.22	19,32,26.46
7,23,19.93	10,25,23.10	13,27,21.14	16,31,31.74	19,33,26.55
7,24,22.04	10,26,24.23	13,28,25.31	16,32,31.01	19,34,22.37
7,25,27.69	10,27,31.44	13,29,34.74	16,33,31.58	19,35,20.02
7,26,23.73	10,28,30.78	13,30,24.51	16,34,29.96	19,36,19.27
7,27,22.75	10,29,24.98	13,31,21.38	16,35,35.15	19,37,16.61
7,28,19.28	10,30,25.03	13,32,25.51	16,36,29.15	19,38,16.82
7,29,20.03	10,31,23.14	13,33,31.81	16,37,28.50	19,39,16.83
7,30,22.17	10,32,23.01	13,34,33.33	16,38,18.17	20,0,17.30
7,31,21.01	10,33,25.42	13,35,28.70	16,39,17.69	20,1,18.43
7,32,20.28	10,34,20.02	13,36,31.85	17,20,20.64	20,2,17.48
7,33,20.99	10,35,22.42	13,37,22.78	17,21,19.31	20,3,17.26
7,34,22.15	10,36,26.10	13,39,24.32	17,22,19.57	20,4,18.16
7,35,17.69	10,37,29.98	14,20,17.69	17,23,18.47	20,5,17.34
7,36,18.87	10,38,29.57	14,21,17.89	17,24,18.52	20,6,17.05
7,37,19.55	10,39,28.53	14,22,18.57	17,25,20.79	20,7,17.39
7,38,19.45	11,20,18.09	14,23,20.53	17,26,19.23	20,8,17.42
7,39,27.22	11,21,19.85	14,24,20.94	17,27,25.54	20,9,17.00
8,20,20.25	11,22,19.71	14,25,20.83	17,28,25.38	20,10,17.73
8,21,18.74	11,23,18.50	14,26,19.58	17,29,31.59	20,11,16.26
8,22,19.79	11,24,20.33	14,27,19.76	17,30,29.16	20,12,18.41
8,23,19.78	11,25,20.66	14,28,25.01	17,31,31.74	20,13,18.61
8,24,21.56	11,26,23.24	14,29,27.68	17,32,40.17	20,14,18.85
8,25,22.49	11,27,28.17	14,30,33.44	17,33,30.69	20,15,19.05
8,26,29.22	11,28,32.69	14,31,31.75	17,34,34.27	20,16,19.81
8,27,26.43	11,29,29.00	14,32,33.55	17,35,31.70	20,17,19.56
8,28,23.00	11,30,23.19	14,33,35.11	17,36,23.23	20,18,20.75
8,29,20.28	11,31,19.68	14,34,33.33	17,37,19.49	20,19,22.31
8,30,20.94	11,32,19.60	14,35,31.17	17,38,17.02	20,20,25.42
8,31,35.21	11,33,20.24	14,36,27.05	17,39,16.25	20,21,20.69
8,32,23.41	11,34,23.64	14,37,29.16	18,20,21.82	20,22,17.67
8,33,23.36	11,35,25.84	14,39,20.20	18,21,18.61	20,23,18.97
8,34,20.25	11,36,28.52	15,20,18.10	18,22,19.36	20,24,20.47
8,35,20.07	11,37,28.39	15,21,19.82	18,23,18.78	20,25,21.22
8,36,20.97	11,38,30.87	15,22,17.84	18,24,18.57	20,26,24.88
8,37,24.88	11,39,25.60	15,23,18.86	18,25,21.12	20,27,29.41
8,38,24.71	12,20,17.96	15,24,19.56	18,26,19.40	20,28,29.00
8,39,31.48	12,21,17.48	15,25,21.65	18,27,22.46	20,29,27.63
9,20,19.72	12,22,18.90	15,26,20.49	18,28,27.92	20,30,27.30
9,21,19.10	12,23,18.48	15,27,19.74	18,29,30.37	20,31,27.69
9,22,19.12	12,24,19.21	15,28,20.93	18,30,27.38	20,32,24.25
9,23,20.98	12,25,20.45	15,29,27.07	18,31,29.35	20,33,22.79
9,24,20.36	12,26,20.92	15,30,32.85	18,32,36.76	20,34,20.44
9,25,22.21	12,27,24.10	15,31,32.70	18,33,31.63	20,35,18.42
9,26,27.85	12,28,30.81	15,32,31.62	18,34,33.23	20,36,17.15
9,27,29.15	12,29,33.30	15,33,34.72	18,35,26.85	20,37,16.94
9,28,26.29	12,30,22.59	15,34,31.40	18,36,18.01	20,38,17.84
9,29,18.36	12,31,20.71	15,35,30.38	18,37,17.76	20,39,17.22

BOURNE CASTLE SURVEY 2006 & 2021

21,0,18.26	22,22,23.14	24,4,18.07	25,26,31.74	27,8,18.54
21,1,17.43	22,23,22.99	24,5,17.90	25,27,32.39	27,9,19.01
21,2,16.95	22,24,41.75	24,6,18.41	25,28,27.46	27,10,18.05
21,3,17.74	22,25,32.85	24,7,17.51	25,29,33.27	27,11,18.04
21,4,17.32	22,26,40.43	24,8,17.24	25,30,28.73	27,12,20.66
21,5,16.81	22,27,43.66	24,9,17.17	25,31,31.48	27,13,19.57
21,6,16.66	22,28,32.92	24,10,17.63	25,32,48.08	27,14,20.35
21,7,16.92	22,29,29.04	24,11,18.31	25,33,34.41	27,15,23.45
21,8,17.54	22,30,26.00	24,12,18.42	25,34,29.57	27,16,22.59
21,9,17.71	22,31,22.35	24,13,17.94	25,35,34.15	27,17,23.56
21,10,17.61	22,32,21.87	24,14,18.00	25,36,42.10	27,18,23.54
21,11,17.72	22,33,22.69	24,15,18.47	25,37,30.97	27,19,24.59
21,12,17.42	22,34,29.29	24,16,19.24	25,38,28.49	27,20,23.15
21,13,18.15	22,35,24.01	24,17,19.42	25,39,33.45	27,21,22.31
21,14,18.07	22,36,18.48	24,18,22.10	26,0,16.48	27,22,23.75
21,15,18.84	22,37,19.93	24,19,21.00	26,1,16.61	27,23,28.08
21,16,20.44	22,38,20.76	24,20,22.81	26,2,17.07	27,24,26.08
21,17,18.72	22,39,24.47	24,21,29.56	26,3,18.90	27,25,23.35
21,18,21.30	23,0,17.48	24,22,28.34	26,4,17.40	27,26,22.33
21,19,25.62	23,1,17.65	24,23,28.82	26,5,17.44	27,27,28.40
21,20,19.89	23,2,18.03	24,24,31.07	26,6,18.11	27,28,22.15
21,21,21.61	23,3,16.51	24,25,28.65	26,7,17.39	27,29,20.80
21,22,24.57	23,4,17.06	24,26,28.99	26,8,17.82	27,30,21.28
21,23,28.03	23,5,17.72	24,27,32.20	26,9,17.78	27,31,26.33
21,24,27.97	23,6,17.41	24,28,30.24	26,10,17.20	27,32,30.36
21,25,32.93	23,7,17.34	24,29,28.27	26,11,17.82	27,33,30.23
21,26,32.05	23,8,17.00	24,30,37.33	26,12,19.16	27,34,26.41
21,27,31.19	23,9,16.57	24,31,33.98	26,13,18.77	27,35,32.56
21,28,35.15	23,10,17.00	24,32,32.57	26,14,20.13	27,36,34.79
21,29,26.48	23,11,18.43	24,33,27.19	26,15,20.42	27,37,33.74
21,30,27.65	23,12,18.99	24,34,27.20	26,16,22.79	27,38,40.02
21,31,23.03	23,13,16.29	24,35,33.26	26,17,22.52	27,39,49.59
21,32,20.98	23,14,19.20	24,36,34.03	26,18,24.56	28,0,17.38
21,33,22.24	23,15,17.96	24,37,25.26	26,19,25.58	28,1,17.57
21,34,22.23	23,16,19.25	24,38,24.00	26,20,21.99	28,2,18.67
21,35,21.78	23,17,17.65	24,39,34.59	26,21,23.43	28,3,18.96
21,36,17.46	23,18,19.34	25,0,16.29	26,22,22.77	28,4,18.71
21,37,17.68	23,19,19.22	25,1,16.24	26,23,26.92	28,5,18.21
21,38,18.98	23,20,17.66	25,2,17.41	26,24,29.92	28,6,18.80
21,39,20.23	23,21,20.27	25,3,17.12	26,25,30.63	28,7,20.86
22,0,18.36	23,22,21.74	25,4,17.08	26,26,24.85	28,8,21.61
22,1,18.02	23,23,32.17	25,5,17.71	26,27,28.33	28,9,20.75
22,2,16.71	23,24,27.16	25,6,16.63	26,28,26.22	28,10,22.18
22,3,16.95	23,25,34.39	25,7,17.88	26,29,25.98	28,11,22.12
22,4,16.81	23,26,40.84	25,8,17.18	26,30,22.91	28,12,21.85
22,5,17.43	23,27,39.58	25,9,16.82	26,31,26.70	28,13,20.70
22,6,16.70	23,28,39.18	25,10,17.81	26,32,26.38	28,14,22.28
22,7,17.38	23,29,40.06	25,11,17.77	26,33,26.70	28,15,23.02
22,8,17.24	23,30,26.45	25,12,19.53	26,34,29.91	28,16,24.36
22,9,16.92	23,31,22.67	25,13,18.90	26,35,31.60	28,17,23.88
22,10,17.03	23,32,25.16	25,14,18.03	26,36,39.50	28,18,24.49
22,11,17.47	23,33,21.32	25,15,19.48	26,37,34.35	28,19,23.04
22,12,18.07	23,34,23.48	25,16,19.07	26,38,37.12	28,20,24.49
22,13,19.36	23,35,26.75	25,17,21.54	26,39,43.64	28,21,21.97
22,14,20.20	23,36,24.72	25,18,22.73	27,0,16.44	28,22,21.69
22,15,18.64	23,37,23.62	25,19,22.05	27,1,16.99	28,23,20.88
22,16,19.74	23,38,22.33	25,20,24.11	27,2,18.04	28,24,20.27
22,17,18.85	23,39,30.59	25,21,27.50	27,3,18.66	28,25,18.44
22,18,20.35	24,0,16.85	25,22,25.09	27,4,17.40	28,26,22.19
22,19,18.43	24,1,17.26	25,23,29.69	27,5,18.09	28,27,20.10
22,20,20.64	24,2,17.00	25,24,32.70	27,6,17.97	28,28,21.23
22,21,19.67	24,3,17.90	25,25,29.33	27,7,17.26	28,29,20.00

BOURNE CASTLE SURVEY 2006 & 2021

28,30,20.91	30,12,29.70	31,34,22.84	33,18,24.68	35,1,22.66
28,31,27.22	30,13,26.40	31,35,22.75	33,19,22.49	35,2,24.87
28,32,32.62	30,14,25.55	31,36,25.65	33,20,22.14	35,3,24.76
28,33,26.70	30,15,34.87	31,37,32.42	33,21,22.62	35,4,25.33
28,34,25.70	30,16,25.24	31,39,46.09	33,22,21.45	35,5,26.00
28,35,31.98	30,17,26.52	32,0,22.42	33,23,22.30	35,6,30.73
28,36,34.54	30,18,22.93	32,1,19.81	33,24,21.74	35,7,32.99
28,37,37.32	30,19,22.53	32,2,18.72	33,25,19.13	35,8,31.81
28,38,44.88	30,20,25.28	32,3,18.49	33,26,20.84	35,9,49.19
28,39,47.75	30,21,23.62	32,4,19.19	33,27,22.84	35,10,48.78
29,0,16.89	30,22,25.20	32,5,21.03	33,28,28.79	35,11,52.78
29,1,17.68	30,23,24.12	32,6,26.47	33,29,27.33	35,12,50.94
29,2,17.99	30,24,21.15	32,7,34.18	33,30,25.76	35,13,54.48
29,3,18.76	30,25,19.63	32,8,45.16	33,31,22.09	35,14,38.87
29,4,17.61	30,26,20.39	32,9,58.23	33,32,21.89	35,15,25.06
29,5,17.07	30,27,18.48	32,10,56.15	33,33,23.84	35,16,25.09
29,6,21.13	30,28,23.98	32,11,50.37	33,34,29.10	35,17,23.01
29,7,24.39	30,29,29.75	32,12,48.49	33,35,24.41	35,18,23.63
29,8,30.73	30,30,30.08	32,13,37.34	33,36,22.36	35,19,21.05
29,9,31.96	30,31,29.47	32,14,33.94	33,37,49.45	35,20,19.69
29,10,26.74	30,32,30.12	32,15,25.19	33,39,38.27	35,21,18.58
29,11,23.49	30,33,22.76	32,16,31.13	34,0,25.13	35,22,19.34
29,12,21.72	30,34,24.43	32,17,27.80	34,1,24.65	35,23,19.06
29,13,22.48	30,35,23.93	32,18,26.93	34,2,21.72	35,24,19.91
29,14,22.97	30,36,27.08	32,19,23.74	34,3,22.44	35,25,24.48
29,15,26.07	30,37,31.64	32,20,28.62	34,4,21.35	35,26,34.10
29,16,24.44	30,38,34.60	32,21,26.95	34,5,20.30	35,27,28.96
29,17,25.37	30,39,55.53	32,22,23.62	34,6,33.87	35,28,25.95
29,18,28.80	31,0,19.42	32,23,20.21	34,7,34.14	35,29,26.27
29,19,25.70	31,1,18.82	32,24,35.57	34,8,32.32	35,30,24.53
29,20,23.20	31,2,19.60	32,25,19.50	34,9,51.83	35,31,28.74
29,21,24.82	31,3,18.56	32,26,19.04	34,10,59.46	35,32,28.98
29,22,21.97	31,4,19.29	32,27,20.03	34,11,59.04	35,33,26.31
29,23,19.87	31,5,19.83	32,28,23.35	34,12,48.15	35,34,22.93
29,24,20.81	31,6,35.72	32,29,29.15	34,13,52.17	35,35,24.84
29,25,20.99	31,7,43.94	32,30,32.85	34,14,34.17	35,36,36.00
29,26,20.23	31,8,53.83	32,31,27.67	34,15,27.04	35,37,34.11
29,27,18.67	31,9,50.07	32,32,28.69	34,16,24.16	35,38,36.52
29,28,23.97	31,10,42.81	32,33,25.43	34,17,24.19	35,39,76.94
29,29,20.76	31,11,34.44	32,34,27.77	34,18,25.85	36,0,22.07
29,30,25.20	31,12,32.09	32,35,23.32	34,19,22.37	36,1,21.91
29,31,31.34	31,13,29.23	32,36,28.60	34,20,21.68	36,2,23.97
29,32,27.27	31,14,27.88	32,37,32.44	34,21,19.95	36,3,30.85
29,33,28.66	31,15,30.17	32,39,31.76	34,22,21.26	36,4,27.88
29,34,26.55	31,16,28.02	33,0,23.48	34,23,18.60	36,5,23.57
29,35,27.20	31,17,29.11	33,1,19.43	34,24,19.00	36,6,26.02
29,36,34.39	31,18,23.04	33,2,19.73	34,25,20.40	36,7,27.12
29,37,38.20	31,19,23.75	33,3,19.46	34,26,26.58	36,8,30.28
29,38,42.42	31,20,22.88	33,4,20.72	34,27,24.53	36,9,28.21
29,39,47.73	31,21,24.78	33,5,22.82	34,28,23.93	36,10,41.76
30,0,18.09	31,22,25.41	33,6,29.58	34,29,23.27	36,11,53.40
30,1,18.87	31,23,25.92	33,7,29.42	34,30,24.47	36,12,63.68
30,2,19.40	31,24,27.25	33,8,41.02	34,31,26.56	36,13,63.78
30,3,19.22	31,25,22.01	33,9,59.07	34,32,24.46	36,14,38.78
30,4,17.58	31,26,20.50	33,10,62.84	34,33,25.36	36,15,40.76
30,5,18.33	31,27,20.30	33,11,58.59	34,34,23.21	36,16,35.28
30,6,27.03	31,28,24.83	33,12,52.05	34,35,24.00	36,17,23.00
30,7,42.43	31,29,27.48	33,13,46.24	34,36,30.14	36,18,20.32
30,8,50.09	31,30,32.35	33,14,25.90	34,37,27.13	36,19,21.64
30,9,37.03	31,31,36.88	33,15,30.16	34,38,64.68	36,20,17.32
30,10,32.39	31,32,36.12	33,16,31.92	34,39,42.79	36,21,18.68
30,11,30.74	31,33,23.44	33,17,25.13	35,0,25.41	36,22,30.92

BOURNE CASTLE SURVEY 2006 & 2021

36,23,21.01	38,5,29.66	39,27,23.36	41,11,41.08	42,34,26.87
36,24,23.23	38,6,32.71	39,28,20.46	41,12,35.81	42,35,33.70
36,25,28.98	38,7,26.14	39,29,32.03	41,13,31.62	42,36,31.24
36,26,25.92	38,8,27.72	39,30,26.86	41,14,36.05	42,37,27.15
36,27,24.72	38,9,28.72	39,31,29.10	41,15,31.52	42,38,38.00
36,28,21.34	38,10,32.29	39,32,24.59	41,16,39.04	42,39,54.66
36,29,23.94	38,11,37.57	39,33,34.57	41,17,26.13	43,0,21.13
36,30,36.64	38,12,32.18	39,34,36.99	41,18,22.25	43,1,21.86
36,31,26.42	38,13,37.99	39,35,36.22	41,19,22.96	43,2,25.41
36,32,22.83	38,14,37.18	39,36,26.10	41,20,20.89	43,3,23.84
36,33,26.32	38,15,43.47	39,37,32.51	41,21,19.89	43,4,26.91
36,34,24.89	38,16,27.27	39,38,35.62	41,22,22.61	43,5,40.80
36,35,24.98	38,17,24.76	39,39,41.69	41,23,18.67	43,6,26.38
36,36,35.32	38,18,18.30	40,0,22.51	41,24,20.31	43,7,32.07
36,37,34.54	38,19,18.11	40,1,26.44	41,25,19.57	43,8,29.04
36,38,39.56	38,20,17.95	40,4,31.59	41,26,19.43	43,9,36.65
36,39,34.63	38,21,18.16	40,5,28.78	41,27,22.01	43,10,38.36
37,0,22.58	38,22,20.50	40,6,27.59	41,28,27.27	43,11,38.88
37,1,24.15	38,23,21.32	40,7,27.39	41,29,25.42	43,12,33.03
37,2,28.01	38,24,22.60	40,8,29.58	41,30,32.54	43,13,31.86
37,3,28.70	38,25,21.71	40,9,36.02	41,31,30.42	43,14,29.47
37,4,25.46	38,26,19.87	40,10,33.61	41,32,29.29	43,15,29.35
37,5,26.97	38,27,24.10	40,11,37.62	41,33,28.56	43,16,21.49
37,6,31.09	38,28,24.72	40,12,25.42	41,34,37.48	43,17,21.12
37,7,27.67	38,29,22.02	40,13,28.87	41,35,28.62	43,18,21.48
37,8,24.66	38,30,23.53	40,14,46.09	41,36,31.89	43,19,20.57
37,9,29.57	38,31,24.71	40,15,35.89	41,37,37.56	43,20,22.85
37,10,40.06	38,32,30.75	40,16,30.73	41,39,56.60	43,21,21.48
37,11,37.89	38,33,26.60	40,17,22.08	42,0,27.58	43,22,21.21
37,12,50.34	38,34,47.75	40,18,20.40	42,1,22.37	43,23,20.78
37,13,52.78	38,35,43.06	40,19,21.72	42,2,30.42	43,24,24.56
37,14,50.83	38,36,38.81	40,20,18.36	42,3,29.43	43,25,19.55
37,15,36.14	38,37,33.03	40,21,19.58	42,4,29.05	43,26,20.22
37,16,31.87	38,38,32.17	40,22,22.22	42,5,38.44	43,27,22.64
37,17,24.59	38,39,42.21	40,23,23.80	42,6,30.83	43,28,25.77
37,18,19.11	39,0,21.05	40,24,21.53	42,7,32.23	43,29,24.73
37,19,19.91	39,1,26.78	40,25,20.62	42,8,34.85	43,30,28.58
37,20,19.74	39,2,29.34	40,26,20.79	42,9,34.44	43,31,32.89
37,21,19.74	39,3,26.70	40,27,21.12	42,10,39.10	43,32,30.98
37,22,19.28	39,4,29.99	40,28,35.00	42,11,47.57	43,33,32.87
37,23,19.66	39,5,31.48	40,29,27.68	42,12,40.62	43,34,27.25
37,24,20.91	39,6,39.68	40,30,25.57	42,13,51.93	43,35,33.94
37,25,28.09	39,7,71.56	40,31,30.18	42,14,27.92	43,36,26.78
37,26,27.02	39,8,24.03	40,32,32.56	42,15,28.02	43,37,26.85
37,27,21.29	39,9,31.39	40,33,35.26	42,16,23.76	43,38,35.15
37,28,20.93	39,10,39.53	40,34,32.18	42,17,24.74	43,39,30.64
37,29,23.81	39,11,30.39	40,35,27.82	42,18,23.49	44,0,18.38
37,30,38.17	39,12,32.42	40,36,26.74	42,19,19.03	44,1,21.51
37,31,33.69	39,13,31.91	40,37,37.73	42,20,22.08	44,2,21.80
37,32,22.40	39,14,43.57	40,38,54.36	42,21,21.35	44,3,19.43
37,33,26.09	39,15,43.06	40,39,52.85	42,22,19.89	44,4,25.11
37,34,28.11	39,16,35.32	41,0,22.70	42,23,23.81	44,5,31.52
37,35,28.00	39,17,24.03	41,1,28.03	42,24,19.56	44,6,33.97
37,36,33.42	39,18,20.82	41,2,28.53	42,25,19.37	44,7,26.80
37,37,32.10	39,19,20.52	41,3,29.07	42,26,19.86	44,8,29.10
37,38,39.37	39,20,19.03	41,4,29.84	42,27,20.34	44,9,33.57
37,39,29.73	39,21,19.88	41,5,35.38	42,28,26.46	44,10,39.62
38,0,20.75	39,22,20.60	41,6,45.79	42,29,21.90	44,11,28.57
38,1,24.93	39,23,28.82	41,7,39.01	42,30,19.89	44,12,31.58
38,2,31.40	39,24,26.97	41,8,31.39	42,31,27.66	44,13,25.41
38,3,25.02	39,25,19.55	41,9,37.27	42,32,31.16	44,14,29.67
38,4,26.03	39,26,20.73	41,10,32.08	42,33,29.08	44,15,25.73

BOURNE CASTLE SURVEY 2006 & 2021

44,16,22.15	45,38,25.75	47,20,17.67	49,2,19.48	50,25,34.48
44,17,22.68	45,39,22.94	47,21,19.47	49,3,18.71	50,26,27.32
44,18,19.94	46,0,17.82	47,22,21.01	49,4,24.73	50,27,26.15
44,19,19.24	46,1,18.70	47,23,19.61	49,5,33.94	50,28,25.70
44,20,20.88	46,2,20.74	47,24,21.12	49,6,38.04	50,29,28.75
44,21,18.91	46,3,23.53	47,25,30.49	49,7,31.30	50,30,31.04
44,22,21.84	46,4,31.48	47,26,28.56	49,8,35.17	50,31,29.38
44,23,23.62	46,5,30.98	47,27,32.91	49,9,32.76	50,32,24.28
44,24,20.34	46,6,40.83	47,28,35.10	49,10,35.14	50,33,22.09
44,25,22.14	46,7,31.73	47,29,36.33	49,11,30.00	50,34,21.53
44,26,21.21	46,8,29.95	47,30,32.24	49,12,32.99	50,35,21.54
44,27,25.29	46,9,37.88	47,31,28.37	49,13,33.69	50,36,22.61
44,28,25.58	46,10,30.84	47,32,26.76	49,14,27.49	50,37,22.18
44,29,31.68	46,11,34.90	47,33,27.19	49,15,25.65	50,39,23.25
44,30,33.61	46,12,36.42	47,34,23.66	49,16,24.45	51,0,17.72
44,31,33.29	46,13,27.86	47,35,22.64	49,17,21.46	51,1,18.03
44,32,31.58	46,14,25.26	47,36,21.99	49,18,20.65	51,2,18.76
44,33,36.87	46,15,21.91	47,37,22.54	49,19,20.08	51,3,19.03
44,34,41.35	46,16,20.62	47,38,25.33	49,20,19.26	51,4,20.49
44,35,28.68	46,17,20.17	47,39,24.88	49,21,18.39	51,5,26.29
44,36,22.92	46,18,19.38	48,0,18.01	49,22,21.05	51,6,38.69
44,37,23.14	46,19,18.50	48,1,17.12	49,23,19.69	51,7,33.33
44,38,23.77	46,20,17.93	48,2,19.32	49,24,29.96	51,8,36.34
44,39,23.06	46,21,23.08	48,3,20.64	49,25,34.20	51,9,33.78
45,0,19.93	46,22,21.46	48,4,23.67	49,26,26.43	51,10,32.16
45,1,19.66	46,23,19.99	48,5,31.31	49,27,36.08	51,11,32.89
45,2,20.17	46,24,18.39	48,6,38.70	49,28,32.43	51,12,27.76
45,3,24.23	46,25,23.02	48,7,36.32	49,29,28.74	51,13,26.17
45,4,24.31	46,26,26.61	48,8,34.19	49,30,32.89	51,14,22.37
45,5,76.94	46,27,32.47	48,9,31.47	49,31,26.34	51,15,25.22
45,6,25.36	46,28,38.45	48,10,38.39	49,32,24.26	51,16,24.27
45,7,25.95	46,29,39.62	48,11,30.94	49,33,22.76	51,17,28.12
45,8,27.33	46,30,40.78	48,12,37.27	49,34,24.54	51,18,24.38
45,9,35.92	46,31,31.61	48,13,28.51	49,35,22.16	51,19,18.84
45,10,31.64	46,32,29.80	48,14,30.73	49,36,22.63	51,20,19.40
45,11,36.97	46,33,29.73	48,15,24.10	49,37,23.18	51,21,18.67
45,12,23.50	46,34,25.25	48,16,24.65	49,39,22.56	51,22,20.16
45,13,26.66	46,35,22.42	48,17,21.20	50,0,18.88	51,23,20.58
45,14,24.75	46,36,22.57	48,18,21.36	50,1,20.15	51,24,21.68
45,15,24.54	46,37,24.66	48,19,22.03	50,2,20.91	51,25,25.91
45,16,21.79	46,38,25.01	48,20,17.91	50,3,20.92	51,26,25.69
45,17,21.79	46,39,23.03	48,21,19.40	50,4,20.56	51,27,23.70
45,18,21.01	47,0,17.88	48,22,22.04	50,5,30.96	51,28,23.40
45,19,22.10	47,1,18.37	48,23,20.35	50,6,35.05	51,29,26.38
45,20,19.65	47,2,20.37	48,24,41.51	50,7,30.75	51,30,25.25
45,21,20.43	47,3,24.66	48,25,32.27	50,8,36.18	51,31,26.64
45,22,20.87	47,4,31.90	48,26,27.42	50,9,37.55	51,32,25.68
45,23,21.72	47,5,35.40	48,27,32.35	50,10,35.19	51,33,26.06
45,24,20.28	47,6,36.07	48,28,29.48	50,11,29.44	51,34,23.43
45,25,22.44	47,7,38.85	48,29,30.58	50,12,27.06	51,35,21.13
45,26,23.49	47,8,42.85	48,30,25.59	50,13,24.37	51,36,22.62
45,27,20.95	47,9,36.48	48,31,25.10	50,14,27.85	51,37,19.38
45,28,29.52	47,10,36.98	48,32,26.88	50,15,23.76	51,38,24.92
45,29,46.85	47,11,44.60	48,33,26.33	50,16,23.00	51,39,32.20
45,30,34.04	47,12,37.05	48,34,24.16	50,17,25.24	52,0,17.95
45,31,36.44	47,13,29.47	48,35,21.92	50,18,21.95	52,1,18.54
45,32,31.59	47,14,28.32	48,36,22.08	50,19,21.18	52,2,19.23
45,33,35.75	47,15,25.00	48,37,21.75	50,20,17.91	52,3,20.50
45,34,30.50	47,16,20.99	48,38,26.05	50,21,19.20	52,4,20.50
45,35,25.93	47,17,20.16	48,39,25.51	50,22,20.13	52,5,21.87
45,36,24.76	47,18,20.99	49,0,17.75	50,23,21.79	52,6,28.86
45,37,28.30	47,19,18.63	49,1,19.59	50,24,24.31	52,7,30.06

BOURNE CASTLE SURVEY 2006 & 2021

52,8,34.67	53,30,27.49	55,12,28.58	56,34,32.09	58,16,29.21
52,9,29.60	53,31,24.63	55,13,28.82	56,35,35.47	58,17,30.75
52,10,28.40	53,32,25.17	55,14,28.20	56,36,24.09	58,18,28.61
52,11,31.21	53,33,24.43	55,15,26.67	56,37,21.61	58,19,31.53
52,12,28.52	53,34,25.70	55,16,26.30	56,38,19.83	58,20,26.72
52,13,28.11	53,35,21.51	55,17,28.46	56,39,20.83	58,21,25.18
52,14,24.76	53,36,19.27	55,18,23.10	57,0,17.80	58,22,21.26
52,15,25.72	53,37,20.13	55,19,33.00	57,1,16.95	58,23,21.47
52,16,26.02	53,38,19.66	55,20,20.00	57,2,18.19	58,24,30.81
52,17,22.07	53,39,20.24	55,21,20.03	57,3,19.13	58,25,28.51
52,18,22.91	54,0,18.40	55,22,19.20	57,4,18.86	58,26,23.75
52,19,21.88	54,1,19.71	55,23,21.58	57,5,18.51	58,27,23.02
52,20,18.55	54,2,20.35	55,24,22.17	57,6,22.83	58,28,22.91
52,21,18.08	54,3,21.29	55,25,23.00	57,7,21.88	58,29,25.90
52,22,19.37	54,4,21.34	55,26,20.42	57,8,23.09	58,30,29.69
52,23,21.80	54,5,20.34	55,27,24.70	57,9,26.90	58,31,34.17
52,24,25.32	54,6,21.90	55,28,23.98	57,10,29.73	58,32,31.46
52,25,24.84	54,7,28.25	55,29,26.43	57,11,30.08	58,33,29.89
52,26,23.99	54,8,31.14	55,30,22.48	57,12,27.16	58,34,28.76
52,27,21.30	54,9,28.68	55,31,32.26	57,13,30.19	58,35,40.21
52,28,22.67	54,10,31.41	55,32,28.11	57,14,28.18	58,36,32.73
52,29,23.80	54,11,27.81	55,33,35.26	57,15,23.41	58,37,31.07
52,30,25.64	54,12,31.14	55,34,26.74	57,16,29.38	58,38,23.50
52,31,26.53	54,13,25.52	55,35,22.92	57,17,27.20	58,39,23.00
52,32,27.63	54,14,25.45	55,36,20.95	57,18,25.44	59,0,17.48
52,33,24.80	54,15,25.14	55,37,21.34	57,19,25.95	59,1,16.52
52,34,24.67	54,16,25.82	55,38,20.32	57,20,24.27	59,2,17.29
52,35,21.36	54,17,25.94	55,39,19.33	57,21,20.98	59,3,18.63
52,36,22.93	54,18,22.45	56,0,16.53	57,22,23.46	59,4,19.15
52,37,19.37	54,19,22.57	56,1,17.71	57,23,20.40	59,5,20.34
52,38,20.21	54,20,18.61	56,2,18.00	57,24,20.99	59,6,20.53
52,39,18.27	54,21,19.50	56,3,19.51	57,25,27.46	59,7,19.93
53,0,17.78	54,22,20.90	56,4,20.39	57,26,32.14	59,8,24.34
53,1,18.45	54,23,18.02	56,5,21.29	57,27,20.46	59,9,22.57
53,2,19.83	54,24,19.66	56,6,20.35	57,28,26.89	59,10,30.08
53,3,20.68	54,25,21.42	56,7,21.27	57,29,27.19	59,11,23.85
53,4,20.19	54,26,22.43	56,8,26.02	57,30,27.58	59,12,27.23
53,5,20.36	54,27,26.36	56,9,32.95	57,31,28.57	59,13,26.22
53,6,26.42	54,28,21.19	56,10,30.17	57,32,25.78	59,14,36.76
53,7,29.31	54,29,26.37	56,11,26.80	57,33,25.18	59,15,30.12
53,8,29.72	54,30,23.92	56,12,31.13	57,34,30.50	59,16,26.25
53,9,31.12	54,31,20.76	56,13,30.89	57,35,38.84	59,17,30.40
53,10,30.75	54,32,34.27	56,14,26.83	57,36,31.10	59,18,27.06
53,11,29.71	54,33,24.48	56,15,28.59	57,37,25.85	59,19,29.17
53,12,28.48	54,34,23.46	56,16,27.28	57,38,20.37	59,20,25.10
53,13,29.14	54,35,21.28	56,17,28.61	57,39,21.23	59,21,24.80
53,14,26.37	54,36,20.97	56,18,25.32	58,0,17.58	59,22,22.63
53,15,24.89	54,37,19.60	56,19,23.67	58,1,18.04	59,23,19.88
53,16,25.63	54,38,19.67	56,20,26.11	58,2,17.16	59,24,24.37
53,17,22.53	54,39,19.17	56,21,22.10	58,3,18.40	59,25,24.72
53,18,22.83	55,0,17.36	56,22,21.02	58,4,18.99	59,26,21.01
53,19,20.99	55,1,18.65	56,23,22.09	58,5,20.29	59,27,25.07
53,20,17.59	55,2,18.92	56,24,20.72	58,6,19.64	59,28,19.29
53,21,18.72	55,3,21.19	56,25,25.68	58,7,21.99	59,29,27.11
53,22,19.50	55,4,20.42	56,26,25.87	58,8,23.32	59,30,26.49
53,23,19.04	55,5,21.07	56,27,25.89	58,9,26.58	59,31,32.61
53,24,21.83	55,6,22.38	56,28,24.06	58,10,26.70	59,32,29.98
53,25,23.36	55,7,24.96	56,29,23.24	58,11,28.73	59,33,34.24
53,26,24.21	55,8,28.75	56,30,26.14	58,12,25.16	59,34,41.74
53,27,22.12	55,9,31.25	56,31,31.79	58,13,28.83	59,35,33.10
53,28,23.92	55,10,31.36	56,32,26.25	58,14,28.57	59,36,31.02
53,29,23.27	55,11,26.06	56,33,23.94	58,15,27.35	59,38,31.82

BOURNE CASTLE SURVEY 2006 & 2021

59,39,22.93	61,22,23.27	63,4,17.88	64,26,26.79	66,8,18.37
60,0,16.45	61,23,24.67	63,5,18.03	64,27,34.10	66,9,18.26
60,1,16.90	61,24,22.73	63,6,18.13	64,28,31.22	66,10,19.03
60,2,16.84	61,25,22.74	63,7,18.97	64,29,32.16	66,11,19.52
60,3,17.24	61,26,22.61	63,8,20.32	64,30,30.00	66,12,20.74
60,4,18.13	61,27,28.94	63,9,20.33	64,31,28.37	66,13,22.91
60,5,19.65	61,28,29.40	63,10,18.95	64,32,32.21	66,14,22.69
60,6,20.10	61,29,34.75	63,11,20.85	64,33,29.31	66,15,31.62
60,7,20.90	61,30,29.07	63,12,22.58	64,34,30.75	66,16,31.57
60,8,21.81	61,31,28.45	63,13,29.76	64,35,28.89	66,17,35.42
60,9,21.90	61,32,28.29	63,14,29.64	64,36,29.75	66,18,29.82
60,10,21.86	61,33,30.32	63,15,32.33	64,37,39.05	66,19,32.31
60,11,24.36	61,34,32.54	63,16,30.64	64,38,25.88	66,20,28.65
60,12,26.96	61,35,49.11	63,17,29.07	64,39,27.85	66,21,27.60
60,13,30.72	61,36,28.15	63,18,25.80	65,0,17.57	66,22,26.45
60,14,28.45	61,37,32.15	63,19,29.46	65,1,17.78	66,23,27.53
60,15,31.62	61,38,34.72	63,20,24.92	65,2,18.49	66,24,26.90
60,16,26.28	61,39,42.92	63,21,24.82	65,3,17.72	66,25,26.92
60,17,27.89	62,0,17.08	63,22,24.27	65,4,16.91	66,26,24.61
60,18,27.33	62,1,17.04	63,23,26.30	65,5,18.24	66,27,28.54
60,19,26.70	62,2,17.16	63,24,23.88	65,6,17.86	66,28,28.63
60,20,23.47	62,3,18.57	63,25,24.37	65,7,18.94	66,29,30.53
60,21,24.11	62,4,18.16	63,26,27.66	65,8,19.69	66,30,26.79
60,22,21.93	62,5,18.55	63,27,29.75	65,9,19.81	66,31,26.60
60,23,20.51	62,6,19.43	63,28,27.93	65,10,20.02	66,32,30.17
60,24,25.21	62,7,19.70	63,29,31.10	65,11,20.53	66,33,32.62
60,25,23.41	62,8,19.08	63,30,27.02	65,12,18.94	66,34,31.35
60,26,22.82	62,9,19.99	63,31,37.69	65,13,27.62	66,35,34.84
60,27,24.15	62,10,20.13	63,32,29.72	65,14,29.29	66,36,22.32
60,28,30.83	62,11,19.64	63,33,30.42	65,15,32.85	66,37,32.28
60,29,25.58	62,12,26.74	63,34,28.67	65,16,33.39	66,38,31.03
60,30,28.81	62,13,28.23	63,35,29.42	65,17,31.28	66,39,24.94
60,31,35.01	62,14,29.24	63,36,29.55	65,18,31.16	67,0,17.83
60,32,40.75	62,15,34.18	63,37,26.05	65,19,31.01	67,1,17.98
60,33,50.13	62,16,38.03	63,38,30.46	65,20,28.84	67,2,17.92
60,34,38.82	62,17,33.53	63,39,52.07	65,21,23.31	67,3,17.53
60,35,31.99	62,18,28.53	64,0,16.57	65,22,27.91	67,4,17.64
60,37,34.83	62,19,26.26	64,1,18.31	65,23,23.09	67,5,17.23
60,38,29.74	62,20,23.73	64,2,17.50	65,24,26.20	67,6,18.17
60,39,30.02	62,21,25.02	64,3,18.05	65,25,24.84	67,7,18.50
61,0,17.00	62,22,23.48	64,4,17.48	65,26,24.41	67,8,18.67
61,1,16.55	62,23,22.90	64,5,18.17	65,27,32.66	67,9,18.25
61,2,17.15	62,24,22.72	64,6,17.65	65,28,31.01	67,10,19.19
61,3,17.55	62,25,23.53	64,7,19.70	65,29,26.73	67,11,18.86
61,4,18.78	62,26,23.44	64,8,20.07	65,30,62.51	67,12,19.71
61,5,18.32	62,27,27.25	64,9,22.52	65,31,25.05	67,13,21.46
61,6,18.80	62,28,26.15	64,10,20.42	65,32,28.39	67,14,24.83
61,7,21.22	62,29,22.57	64,11,20.99	65,33,31.02	67,15,31.02
61,8,20.75	62,30,28.29	64,12,23.24	65,34,27.09	67,16,31.39
61,9,20.62	62,31,31.96	64,13,29.79	65,35,25.73	67,17,31.99
61,10,25.41	62,32,35.26	64,14,28.03	65,36,27.43	67,18,33.72
61,11,23.35	62,33,32.11	64,15,26.88	65,37,29.48	67,19,29.81
61,12,28.99	62,34,33.87	64,16,29.04	65,38,25.97	67,20,30.31
61,13,27.00	62,35,34.46	64,17,30.78	65,39,25.24	67,21,28.60
61,14,33.61	62,36,30.83	64,18,28.88	66,0,17.17	67,22,23.06
61,15,28.68	62,37,28.93	64,19,31.66	66,1,17.86	67,23,31.10
61,16,32.57	62,38,33.76	64,20,28.78	66,2,18.61	67,24,24.20
61,17,26.85	62,39,37.43	64,21,22.84	66,3,18.16	67,25,24.11
61,18,28.75	63,0,17.09	64,22,24.76	66,4,17.79	67,26,25.92
61,19,21.74	63,1,16.55	64,23,26.35	66,5,17.65	67,27,27.43
61,20,26.05	63,2,17.09	64,24,37.57	66,6,17.56	67,28,27.76
61,21,24.42	63,3,17.11	64,25,24.41	66,7,17.81	67,29,31.33

BOURNE CASTLE SURVEY 2006 & 2021

67,30,26.48	69,13,19.45	70,36,26.98	72,18,29.07	74,0,18.43
67,31,35.04	69,14,21.76	70,37,31.51	72,19,31.78	74,1,17.87
67,32,28.17	69,15,24.04	70,38,38.98	72,20,31.65	74,2,18.68
67,33,25.13	69,16,26.14	70,39,27.85	72,21,30.61	74,3,17.57
67,34,25.55	69,17,36.50	71,0,18.94	72,22,33.96	74,4,17.38
67,35,28.65	69,18,31.23	71,1,18.15	72,23,36.92	74,5,17.49
67,36,23.12	69,19,28.49	71,2,18.74	72,24,30.39	74,6,17.64
67,37,28.22	69,20,29.59	71,3,17.33	72,25,28.65	74,7,18.04
67,38,25.87	69,21,34.10	71,4,17.64	72,26,27.18	74,8,17.75
67,39,25.75	69,22,30.07	71,5,17.61	72,27,30.21	74,9,18.22
68,0,19.12	69,23,30.66	71,6,18.33	72,28,29.12	74,10,17.20
68,1,17.48	69,24,32.86	71,7,17.34	72,29,32.72	74,11,21.53
68,2,18.15	69,25,29.51	71,8,17.19	72,30,30.36	74,12,18.20
68,3,17.75	69,26,24.54	71,9,19.89	72,31,29.54	74,13,18.13
68,4,17.92	69,27,24.97	71,10,18.64	72,32,25.41	74,14,17.60
68,5,17.61	69,28,25.54	71,11,17.32	72,33,28.36	74,15,19.69
68,6,17.98	69,29,33.15	71,12,18.81	72,34,28.06	74,16,19.62
68,7,18.62	69,30,29.32	71,13,18.25	72,35,30.32	74,17,20.70
68,8,18.87	69,31,28.83	71,14,19.27	72,36,33.51	74,18,21.63
68,9,17.84	69,32,45.84	71,15,20.54	72,37,24.26	74,19,27.08
68,10,19.52	69,33,76.94	71,16,20.81	72,38,27.72	74,20,25.83
68,11,20.11	69,34,29.71	71,17,27.47	72,39,26.65	74,21,29.07
68,12,20.96	69,35,25.74	71,18,30.87	73,0,18.76	74,22,31.06
68,13,19.61	69,36,24.52	71,19,34.67	73,1,17.51	74,23,26.25
68,14,24.44	69,37,27.35	71,20,32.01	73,2,17.17	74,24,30.01
68,15,29.61	69,39,27.05	71,21,28.64	73,3,17.57	74,25,31.95
68,16,31.87	70,0,17.89	71,22,31.44	73,4,17.93	74,26,26.20
68,17,29.94	70,1,17.97	71,23,25.12	73,5,17.51	74,27,27.27
68,18,35.25	70,2,17.51	71,24,30.11	73,6,17.60	74,28,23.13
68,19,30.27	70,3,18.42	71,25,30.40	73,7,17.37	74,29,25.76
68,20,32.25	70,4,18.45	71,26,30.66	73,8,17.89	74,30,29.51
68,21,27.72	70,5,18.42	71,27,31.71	73,9,17.28	74,31,24.55
68,22,28.49	70,6,17.94	71,28,25.95	73,10,19.71	74,32,35.11
68,23,31.29	70,7,17.66	71,29,33.69	73,11,18.67	74,33,28.36
68,24,27.78	70,8,19.19	71,30,28.94	73,12,17.92	74,34,26.45
68,25,28.91	70,9,18.92	71,31,31.90	73,13,18.30	74,35,31.10
68,26,24.54	70,10,18.13	71,32,58.11	73,14,18.61	74,36,31.16
68,27,31.44	70,11,19.68	71,33,32.82	73,15,21.43	74,37,25.48
68,28,27.37	70,12,19.15	71,34,30.57	73,16,20.03	74,38,27.57
68,29,32.17	70,13,18.90	71,35,28.90	73,17,21.15	74,39,25.90
68,30,30.65	70,14,19.89	71,36,28.41	73,18,26.99	75,0,19.39
68,31,35.05	70,15,22.67	71,37,27.17	73,19,31.06	75,1,19.79
68,32,37.22	70,16,23.03	71,38,26.77	73,20,30.00	75,2,19.61
68,33,33.70	70,17,32.89	71,39,25.87	73,21,30.66	75,3,17.10
68,34,30.40	70,18,31.55	72,0,19.43	73,22,29.03	75,4,17.30
68,35,28.88	70,19,33.26	72,1,18.12	73,23,36.80	75,5,17.87
68,36,29.29	70,20,31.70	72,2,17.42	73,24,36.34	75,6,17.56
68,37,26.02	70,21,33.21	72,3,17.04	73,25,28.47	75,7,18.15
68,39,23.17	70,22,29.90	72,4,18.02	73,26,28.87	75,8,17.63
69,0,17.83	70,23,34.92	72,5,16.98	73,27,29.25	75,9,16.82
69,1,18.78	70,24,36.71	72,6,17.53	73,28,26.00	75,10,18.42
69,2,18.65	70,25,29.15	72,7,17.91	73,29,27.27	75,11,20.77
69,3,18.38	70,26,29.60	72,8,17.74	73,30,26.48	75,12,18.58
69,4,17.64	70,27,26.18	72,9,17.63	73,31,29.18	75,13,17.71
69,5,18.03	70,28,30.18	72,10,21.20	73,32,29.75	75,14,18.64
69,6,17.98	70,29,28.46	72,11,18.06	73,33,33.57	75,15,17.91
69,7,17.82	70,30,31.06	72,12,18.99	73,34,28.92	75,16,18.20
69,8,22.40	70,31,29.08	72,13,18.50	73,35,27.13	75,17,20.37
69,9,18.13	70,32,36.31	72,14,18.18	73,36,36.93	75,18,19.81
69,10,17.69	70,33,32.28	72,15,17.83	73,37,24.41	75,19,22.45
69,11,18.92	70,34,31.46	72,16,21.74	73,38,24.16	75,20,25.65
69,12,20.26	70,35,32.56	72,17,23.47	73,39,24.50	75,21,31.47

BOURNE CASTLE SURVEY 2006 & 2021

75,22,29.25	77,4,18.23	78,26,35.26	80,30,35.39	83,32,36.36
75,23,29.04	77,5,18.28	78,27,33.65	80,31,28.71	83,33,32.14
75,24,29.84	77,6,18.39	78,28,34.80	80,32,31.31	83,34,30.34
75,25,27.67	77,7,17.44	78,29,34.31	80,33,33.43	83,35,30.59
75,26,27.75	77,8,17.51	78,30,26.81	80,34,27.07	83,36,27.27
75,27,23.00	77,9,17.05	78,31,31.20	80,35,28.51	83,37,26.67
75,28,24.60	77,10,17.59	78,32,29.10	80,36,32.23	83,38,24.65
75,29,24.31	77,11,17.89	78,33,28.50	80,37,28.19	83,39,25.34
75,30,27.83	77,12,16.93	78,34,31.12	80,38,26.42	84,20,17.47
75,31,30.13	77,13,19.80	78,35,26.25	80,39,25.25	84,21,18.39
75,32,34.39	77,14,19.00	78,36,24.73	81,20,17.51	84,22,18.06
75,33,27.29	77,15,17.83	78,38,25.98	81,21,18.21	84,23,18.05
75,34,27.73	77,16,17.86	78,39,35.72	81,22,18.81	84,24,17.58
75,35,28.60	77,17,18.32	79,0,21.64	81,23,19.43	84,25,17.74
75,36,27.96	77,18,20.12	79,1,19.42	81,24,19.67	84,26,19.00
75,37,27.96	77,19,18.14	79,2,18.73	81,25,25.36	84,27,23.45
75,38,24.38	77,20,19.11	79,3,19.25	81,26,29.34	84,28,25.69
75,39,22.96	77,21,19.79	79,4,20.10	81,27,34.49	84,29,31.09
76,0,19.05	77,22,25.55	79,5,17.12	81,28,36.93	84,30,31.36
76,1,19.70	77,23,23.45	79,6,17.75	81,29,33.08	84,31,33.83
76,2,18.42	77,24,27.27	79,7,17.92	81,30,39.19	84,32,38.78
76,3,18.71	77,25,25.84	79,8,18.08	81,31,37.52	84,33,38.75
76,4,19.12	77,26,28.22	79,9,17.71	81,32,29.94	84,34,32.42
76,5,18.65	77,27,33.68	79,10,17.40	81,33,30.04	84,35,36.03
76,6,17.38	77,28,32.07	79,11,18.06	81,34,28.01	84,36,34.31
76,7,18.52	77,29,29.35	79,12,18.39	81,35,24.89	84,37,29.38
76,8,17.36	77,30,26.61	79,13,18.13	81,36,28.65	84,38,26.83
76,9,17.43	77,31,31.65	79,14,22.24	81,37,28.90	84,39,27.21
76,10,17.21	77,32,30.35	79,15,18.23	81,38,26.11	85,20,18.15
76,11,17.15	77,33,27.24	79,16,18.62	81,39,28.15	85,21,18.09
76,12,19.65	77,34,29.02	79,17,17.61	82,20,17.46	85,22,18.22
76,13,18.26	77,35,24.85	79,18,18.55	82,21,18.22	85,23,17.75
76,14,18.53	77,36,31.29	79,19,29.20	82,22,18.33	85,24,17.72
76,15,18.47	77,37,28.09	79,20,17.70	82,23,18.27	85,25,17.38
76,16,18.74	77,38,24.61	79,21,18.26	82,24,19.75	85,26,18.50
76,17,18.50	77,39,41.49	79,22,20.97	82,25,22.17	85,27,21.82
76,18,19.50	78,0,20.13	79,23,26.59	82,26,25.05	85,28,30.93
76,19,23.63	78,1,18.51	79,24,27.28	82,27,31.68	85,29,25.99
76,20,22.28	78,2,19.99	79,25,32.08	82,28,34.88	85,30,33.52
76,21,27.90	78,3,18.61	79,26,34.10	82,29,32.50	85,31,36.09
76,22,25.28	78,4,19.31	79,27,33.73	82,30,33.76	85,32,35.43
76,23,26.42	78,5,19.32	79,28,35.30	82,31,37.58	85,33,40.21
76,24,26.20	78,6,17.90	79,29,37.16	82,32,32.51	85,34,34.06
76,25,25.49	78,7,17.43	79,30,34.40	82,33,34.02	85,35,31.66
76,26,25.59	78,8,17.48	79,31,33.09	82,34,30.59	85,36,30.53
76,27,25.86	78,9,17.04	79,32,31.35	82,35,28.73	85,37,26.40
76,28,25.78	78,10,17.91	79,33,28.71	82,36,28.28	85,38,24.30
76,29,24.48	78,11,17.53	79,34,27.20	82,37,27.86	85,39,20.54
76,30,28.26	78,12,16.97	79,35,28.28	82,38,25.96	86,20,17.56
76,31,27.34	78,13,19.82	79,36,23.73	82,39,24.38	86,21,17.67
76,32,28.14	78,14,18.39	79,38,24.21	83,20,17.67	86,22,17.64
76,33,28.02	78,15,18.26	79,39,30.61	83,21,17.53	86,23,17.48
76,34,29.77	78,16,18.83	80,20,18.06	83,22,18.55	86,24,18.29
76,35,29.24	78,17,18.22	80,21,18.29	83,23,17.57	86,25,18.61
76,36,30.17	78,18,18.93	80,22,19.17	83,24,17.50	86,26,17.53
76,37,28.16	78,19,18.24	80,23,19.42	83,25,17.70	86,27,19.18
76,38,23.14	78,20,18.43	80,24,23.51	83,26,22.89	86,28,22.34
76,39,24.44	78,21,18.55	80,25,29.68	83,27,33.48	86,29,25.38
77,0,19.26	78,22,22.84	80,26,34.86	83,28,35.79	86,30,29.64
77,1,19.52	78,23,22.05	80,27,36.65	83,29,32.70	86,31,34.06
77,2,18.97	78,24,28.59	80,28,36.21	83,30,31.64	86,32,37.58
77,3,18.74	78,25,30.79	80,29,37.80	83,31,37.68	86,33,34.53

BOURNE CASTLE SURVEY 2006 & 2021

86,34,34.64	89,38,27.34	93,20,17.16	96,22,16.95	99,24,17.67
86,35,31.27	89,39,28.18	93,21,17.81	96,23,17.83	99,25,17.50
86,36,28.35	90,20,19.23	93,22,17.94	96,24,17.46	99,26,16.82
86,37,32.52	90,21,17.70	93,23,17.38	96,25,17.08	99,27,16.70
86,38,23.87	90,22,17.48	93,24,17.37	96,26,17.22	99,28,17.34
86,39,26.77	90,23,17.60	93,25,17.99	96,27,17.05	99,29,16.90
87,20,18.42	90,24,17.06	93,26,17.68	96,28,17.13	99,30,16.58
87,21,17.73	90,25,18.34	93,27,18.03	96,29,17.33	99,31,16.81
87,22,17.26	90,26,18.88	93,28,17.94	96,30,17.67	99,32,17.25
87,23,16.99	90,27,18.35	93,29,18.09	96,31,18.96	99,33,17.25
87,24,17.97	90,28,18.68	93,30,18.13	96,32,18.42	99,34,17.83
87,25,18.83	90,29,17.66	93,31,19.14	96,33,18.22	99,35,17.04
87,26,18.26	90,30,18.02	93,32,18.10	96,34,18.61	99,36,16.73
87,27,18.27	90,31,20.67	93,33,20.82	96,35,18.93	99,37,18.63
87,28,19.08	90,32,21.86	93,34,22.72	96,36,18.50	99,38,20.69
87,29,23.92	90,33,36.37	93,35,29.43	96,37,21.99	99,39,20.17
87,30,31.78	90,34,37.99	93,36,31.01	96,38,30.08	
87,31,40.01	90,35,37.98	93,37,32.94	96,39,30.75	
87,32,38.49	90,36,33.48	93,38,29.48	97,20,17.31	
87,33,35.75	90,37,26.52	93,39,29.55	97,21,16.79	
87,34,35.32	90,38,32.59	94,20,17.22	97,22,17.18	
87,35,35.90	90,39,26.43	94,21,17.33	97,23,17.31	
87,36,29.41	91,20,18.32	94,22,18.01	97,24,18.32	
87,37,27.59	91,21,18.12	94,23,17.26	97,25,17.23	
87,39,27.20	91,22,17.43	94,24,18.07	97,26,16.87	
88,20,18.27	91,23,17.28	94,25,17.90	97,27,17.02	
88,21,17.78	91,24,17.34	94,26,17.64	97,28,17.08	
88,22,17.33	91,25,18.03	94,27,17.72	97,29,16.90	
88,23,17.34	91,26,18.47	94,28,17.53	97,30,17.78	
88,24,17.34	91,27,18.01	94,29,17.44	97,31,18.21	
88,25,17.68	91,28,18.04	94,30,18.69	97,32,17.55	
88,26,17.95	91,29,20.19	94,31,19.49	97,33,18.17	
88,27,17.96	91,30,18.30	94,32,18.31	97,34,17.73	
88,28,18.31	91,31,18.64	94,33,18.16	97,35,17.86	
88,29,18.86	91,32,19.00	94,34,19.11	97,36,18.82	
88,30,22.07	91,33,28.77	94,35,23.34	97,37,19.48	
88,31,31.93	91,34,32.13	94,36,20.82	97,38,24.39	
88,32,34.16	91,35,34.72	94,37,27.74	97,39,26.32	
88,33,38.94	91,36,34.75	94,38,31.70	98,20,17.25	
88,34,39.44	91,37,27.32	94,39,26.39	98,21,17.27	
88,35,37.70	91,38,28.76	95,20,17.88	98,22,17.11	
88,36,30.97	91,39,26.77	95,21,17.46	98,23,17.55	
88,37,26.60	92,20,17.53	95,22,17.08	98,24,18.20	
88,39,31.19	92,21,18.47	95,23,17.56	98,25,17.52	
89,20,18.20	92,22,17.35	95,24,17.45	98,26,16.96	
89,21,18.19	92,23,17.06	95,25,17.53	98,27,16.78	
89,22,17.31	92,24,17.47	95,26,17.55	98,28,17.45	
89,23,17.20	92,25,17.69	95,27,17.45	98,29,16.92	
89,24,17.75	92,26,17.79	95,28,17.24	98,30,17.42	
89,25,17.04	92,27,17.97	95,29,17.57	98,31,17.80	
89,26,17.95	92,28,18.25	95,30,18.79	98,32,17.50	
89,27,18.35	92,29,17.99	95,31,18.01	98,33,17.72	
89,28,18.27	92,30,17.17	95,32,18.68	98,34,17.88	
89,29,18.94	92,31,17.74	95,33,17.68	98,35,18.27	
89,30,19.16	92,32,19.33	95,34,17.85	98,36,18.80	
89,31,19.85	92,33,20.19	95,35,18.47	98,37,18.62	
89,32,22.24	92,34,28.60	95,36,23.59	98,38,18.30	
89,33,32.46	92,35,31.15	95,37,32.10	98,39,21.97	
89,34,36.74	92,36,31.30	95,38,26.11	99,20,16.77	
89,35,37.80	92,37,38.15	95,39,25.33	99,21,17.07	
89,36,37.18	92,38,27.16	96,20,17.72	99,22,17.84	
89,37,34.02	92,39,25.55	96,21,16.93	99,23,17.43	

AREA 3 GRIDS D7-F7 & D8-F8

0,0,19.89
0,1,28.65
0,2,23.01
0,3,24.70
0,4,28.63
0,5,26.52
0,6,24.42
0,7,30.26
0,8,27.46
0,9,25.59
0,10,27.80
0,11,25.58
0,12,27.35
0,13,29.40
0,14,30.67
0,15,24.45
0,16,25.26
0,17,24.65
0,18,21.32
0,19,23.88
0,20,24.85
0,21,23.17
0,22,27.14
0,23,28.43
0,24,23.07
0,25,23.31
0,26,23.54
0,27,26.92
0,28,32.40
0,29,36.24
0,30,34.61
0,31,47.26
0,32,61.85
0,33,62.27
0,34,57.13
0,35,41.72
0,36,51.99
0,37,36.24
0,38,28.47

BOURNE CASTLE SURVEY 2006 & 2021

0,39,23.82	2,21,25.56	4,3,20.83	5,25,23.49	7,7,17.38
1,0,23.00	2,22,24.81	4,4,25.31	5,26,20.74	7,8,18.36
1,1,22.46	2,23,27.30	4,5,24.68	5,27,24.62	7,9,20.95
1,2,23.99	2,24,22.69	4,6,24.22	5,28,26.80	7,10,20.32
1,3,25.87	2,25,20.78	4,7,20.66	5,29,28.99	7,11,23.62
1,4,27.08	2,26,20.28	4,8,22.50	5,30,34.81	7,12,27.89
1,5,26.76	2,27,21.21	4,9,26.25	5,31,39.00	7,13,25.17
1,6,27.02	2,28,24.50	4,10,25.36	5,32,37.21	7,14,21.72
1,7,25.87	2,29,37.72	4,11,28.85	5,33,46.43	7,15,23.32
1,8,28.21	2,30,32.64	4,12,30.69	5,34,41.85	7,16,21.57
1,9,29.07	2,31,30.65	4,13,27.86	5,35,40.41	7,17,26.67
1,10,27.43	2,32,32.04	4,14,24.32	5,36,35.36	7,18,22.66
1,11,27.70	2,33,36.97	4,15,24.43	5,37,32.03	7,19,27.11
1,12,36.52	2,34,43.28	4,16,27.40	5,38,26.03	7,20,22.30
1,13,28.14	2,35,37.38	4,17,21.71	5,39,26.63	7,21,19.24
1,14,33.12	2,36,31.65	4,18,31.55	6,0,15.30	7,22,24.24
1,15,25.98	2,37,26.91	4,19,30.63	6,1,17.27	7,23,33.09
1,16,25.48	2,38,24.18	4,20,23.39	6,2,18.34	7,24,32.23
1,17,24.67	2,39,23.42	4,21,25.85	6,3,20.17	7,25,20.86
1,18,24.62	3,0,20.70	4,22,28.19	6,4,21.17	7,26,17.73
1,19,27.15	3,1,17.09	4,23,25.93	6,5,21.15	7,27,21.05
1,20,22.57	3,2,18.41	4,24,29.06	6,6,19.94	7,28,20.96
1,21,25.49	3,3,21.80	4,25,21.30	6,7,18.42	7,29,24.68
1,22,24.39	3,4,29.01	4,26,21.43	6,8,19.86	7,30,27.47
1,23,26.06	3,5,28.26	4,27,21.69	6,9,20.72	7,31,24.49
1,24,22.10	3,6,29.20	4,28,25.74	6,10,21.87	7,32,35.09
1,25,20.45	3,7,30.52	4,29,42.53	6,11,26.68	7,33,38.23
1,26,24.52	3,8,30.24	4,30,43.92	6,12,26.10	7,34,55.69
1,27,30.10	3,9,30.15	4,31,43.75	6,13,26.00	7,35,50.63
1,28,32.50	3,10,28.19	4,32,38.10	6,14,25.02	7,36,51.00
1,29,37.60	3,11,31.36	4,33,45.14	6,15,28.01	7,37,40.42
1,30,35.82	3,12,32.44	4,34,50.57	6,16,24.86	7,38,29.61
1,31,32.50	3,13,31.26	4,35,38.24	6,17,25.62	7,39,25.48
1,32,40.49	3,14,27.37	4,36,45.55	6,18,20.37	8,0,21.88
1,33,46.80	3,15,24.25	4,37,26.23	6,19,21.61	8,1,19.59
1,34,43.27	3,16,23.25	4,38,23.81	6,20,24.44	8,2,18.55
1,35,38.28	3,17,19.54	4,39,20.18	6,21,23.35	8,3,20.87
1,36,37.25	3,18,20.35	5,0,17.12	6,22,29.16	8,4,28.07
1,37,30.20	3,19,26.59	5,1,17.43	6,23,25.40	8,5,21.40
1,38,27.12	3,20,25.41	5,2,20.58	6,24,27.83	8,6,17.76
1,39,24.16	3,21,25.49	5,3,21.52	6,25,22.75	8,7,17.07
2,0,25.34	3,22,27.70	5,4,25.94	6,26,20.72	8,8,17.77
2,1,24.25	3,23,26.19	5,5,22.21	6,27,22.88	8,9,20.20
2,2,22.40	3,24,26.27	5,6,18.82	6,28,24.45	8,10,19.53
2,3,28.51	3,25,19.71	5,7,18.58	6,29,23.60	8,11,21.60
2,4,34.74	3,26,18.40	5,8,17.88	6,30,21.13	8,12,22.02
2,5,30.80	3,27,20.20	5,9,22.68	6,31,21.16	8,13,20.88
2,6,32.49	3,28,23.58	5,10,22.10	6,32,40.40	8,14,23.36
2,7,29.01	3,29,35.73	5,11,25.17	6,33,38.24	8,15,22.95
2,8,24.99	3,30,31.23	5,12,28.18	6,34,52.00	8,16,20.21
2,9,25.32	3,31,39.83	5,13,25.49	6,35,58.71	8,17,27.95
2,10,26.53	3,32,37.30	5,14,23.79	6,36,52.46	8,18,29.20
2,11,28.32	3,33,40.97	5,15,23.92	6,37,32.66	8,19,31.73
2,12,32.48	3,34,41.97	5,16,21.32	6,38,28.27	8,20,20.55
2,13,31.31	3,35,41.56	5,17,25.87	6,39,24.73	8,21,22.41
2,14,27.40	3,36,32.17	5,18,22.11	7,0,17.03	8,22,26.57
2,15,27.69	3,37,26.42	5,19,21.68	7,1,16.25	8,23,30.68
2,16,26.66	3,38,23.12	5,20,25.78	7,2,19.63	8,26,26.72
2,17,23.00	3,39,20.93	5,21,25.14	7,3,21.28	8,27,24.83
2,18,23.37	4,0,94.22	5,22,25.90	7,4,22.09	8,28,26.78
2,19,24.33	4,1,16.35	5,23,22.64	7,5,20.11	8,29,40.06
2,20,25.62	4,2,20.20	5,24,27.11	7,6,20.62	8,30,55.50

BOURNE CASTLE SURVEY 2006 & 2021

8,31,44.99	10,13,23.59	11,35,48.07	13,17,54.98	14,39,27.09
8,32,33.33	10,14,22.17	11,36,94.22	13,18,37.68	15,0,22.74
8,33,35.61	10,15,32.31	11,37,57.00	13,19,46.48	15,1,19.57
8,34,43.07	10,16,30.54	11,38,23.48	13,20,38.14	15,2,24.51
8,35,58.43	10,17,38.27	11,39,23.85	13,21,28.04	15,3,20.83
8,36,61.58	10,18,30.44	12,0,22.70	13,22,22.63	15,4,19.29
8,37,44.43	10,19,33.87	12,1,26.31	13,23,23.65	15,5,18.80
8,38,35.62	10,20,23.13	12,2,30.46	13,24,26.21	15,6,20.51
8,39,26.39	10,21,22.94	12,3,26.45	13,25,28.65	15,7,23.68
9,0,21.84	10,22,24.12	12,4,26.90	13,26,26.54	15,8,31.29
9,1,19.28	10,23,34.99	12,5,21.91	13,27,29.46	15,9,38.39
9,2,21.61	10,24,33.52	12,6,26.27	13,28,30.75	15,10,35.78
9,3,22.00	10,25,41.68	12,7,21.72	13,29,35.81	15,11,29.43
9,4,20.52	10,26,30.46	12,8,23.42	13,30,37.06	15,12,39.04
9,5,18.13	10,27,35.21	12,9,26.89	13,31,33.13	15,13,36.18
9,6,20.44	10,28,27.75	12,10,27.73	13,32,28.75	15,14,49.00
9,7,18.44	10,29,33.04	12,11,27.33	13,33,37.39	15,15,57.96
9,8,18.36	10,30,31.58	12,12,28.56	13,34,37.24	15,16,56.26
9,9,19.95	10,31,28.74	12,13,22.70	13,35,39.76	15,17,69.93
9,10,23.22	10,32,39.58	12,14,31.30	13,36,60.98	15,18,66.38
9,11,24.39	10,33,58.89	12,15,47.13	13,37,36.67	15,19,46.48
9,12,24.04	10,34,64.17	12,16,37.08	13,38,24.11	15,20,30.43
9,13,23.81	10,35,62.73	12,17,38.18	13,39,23.23	15,21,49.63
9,14,19.20	10,36,93.20	12,18,31.51	14,0,20.48	15,22,40.90
9,15,19.92	10,37,52.54	12,19,31.80	14,1,21.33	15,23,22.14
9,16,26.06	10,38,30.52	12,20,34.98	14,2,28.32	15,24,19.75
9,17,30.01	10,39,23.80	12,21,27.30	14,3,27.72	15,25,21.55
9,18,29.34	11,0,21.06	12,22,26.86	14,4,22.07	15,26,21.53
9,19,33.31	11,1,25.91	12,23,21.42	14,5,20.54	15,27,27.32
9,20,20.31	11,2,23.73	12,24,27.69	14,6,17.47	15,28,33.32
9,21,29.90	11,3,25.59	12,25,24.15	14,7,22.82	15,29,33.42
9,22,32.80	11,4,23.76	12,26,23.81	14,8,24.35	15,30,31.80
9,23,33.29	11,5,20.94	12,27,32.08	14,9,37.42	15,31,47.23
9,24,63.18	11,6,20.68	12,28,30.76	14,10,31.00	15,32,34.16
9,25,32.32	11,7,21.54	12,29,38.06	14,11,33.24	15,33,37.11
9,26,45.09	11,8,20.23	12,30,31.77	14,12,42.14	15,34,46.18
9,27,33.80	11,9,21.27	12,31,36.32	14,13,49.33	15,35,40.17
9,28,26.35	11,10,26.51	12,32,35.33	14,14,45.48	15,36,25.22
9,29,32.36	11,11,23.48	12,33,34.64	14,15,52.60	15,37,27.82
9,30,45.97	11,12,21.50	12,34,60.84	14,16,57.88	15,38,27.79
9,31,62.42	11,13,19.23	12,35,46.60	14,17,64.33	15,39,28.61
9,32,55.51	11,14,29.41	12,36,61.13	14,18,80.80	16,0,20.42
9,33,60.97	11,15,34.17	12,37,35.11	14,19,43.79	16,1,21.88
9,34,63.48	11,16,34.76	12,38,25.47	14,20,47.34	16,2,22.23
9,35,58.74	11,17,37.11	12,39,22.20	14,21,38.92	16,3,19.00
9,36,42.53	11,18,34.24	13,0,24.86	14,22,27.98	16,4,17.30
9,37,33.39	11,19,49.17	13,1,25.70	14,23,20.02	16,5,17.25
9,38,28.75	11,20,35.16	13,2,28.51	14,24,16.77	16,6,17.45
9,39,22.48	11,21,24.19	13,3,30.87	14,25,23.75	16,7,19.27
10,0,17.08	11,22,23.80	13,4,26.02	14,26,27.21	16,8,23.69
10,1,23.10	11,23,28.98	13,5,22.67	14,27,26.45	16,9,28.04
10,2,21.28	11,24,26.84	13,6,22.13	14,28,31.77	16,10,31.42
10,3,21.26	11,25,23.66	13,7,22.50	14,29,26.54	16,11,24.16
10,4,22.14	11,26,25.24	13,8,21.27	14,30,34.58	16,12,42.06
10,5,20.13	11,27,36.66	13,9,29.94	14,31,40.04	16,13,44.37
10,6,17.95	11,28,39.22	13,10,28.80	14,32,33.85	16,14,51.88
10,7,19.61	11,29,39.67	13,11,31.10	14,33,39.24	16,15,39.14
10,8,18.87	11,30,30.45	13,12,41.17	14,34,39.89	16,16,48.95
10,9,23.84	11,31,29.68	13,13,38.46	14,35,50.71	16,17,52.47
10,10,23.44	11,32,33.26	13,14,36.75	14,36,39.28	16,18,46.24
10,11,19.46	11,33,53.54	13,15,58.21	14,37,36.91	16,19,43.12
10,12,17.49	11,34,54.86	13,16,48.25	14,38,25.26	16,20,43.37

BOURNE CASTLE SURVEY 2006 & 2021

16,21,50.78	18,4,17.62	19,26,47.20	21,9,21.71	22,31,47.68
16,22,50.94	18,5,17.06	19,27,57.15	21,10,19.27	22,32,60.68
16,23,47.04	18,6,16.40	19,28,46.46	21,11,18.08	22,33,57.61
16,24,27.92	18,7,16.04	19,29,43.49	21,12,23.09	22,34,85.42
16,25,34.73	18,8,17.05	19,30,40.99	21,13,29.13	22,35,57.67
16,26,33.66	18,9,19.77	19,31,44.79	21,14,41.63	22,36,41.71
16,27,34.68	18,10,19.50	19,32,43.09	21,15,35.73	22,37,21.09
16,28,28.71	18,11,22.78	19,33,20.95	21,16,38.40	22,38,21.12
16,29,32.72	18,12,32.04	19,34,18.80	21,17,47.71	22,39,27.05
16,30,37.22	18,13,34.43	19,35,16.55	21,18,38.21	23,0,28.33
16,31,40.32	18,14,60.08	19,36,19.95	21,19,40.20	23,1,26.52
16,32,34.26	18,15,46.87	19,37,24.25	21,20,27.21	23,2,22.22
16,33,33.08	18,16,48.94	19,38,17.86	21,21,22.01	23,3,18.74
16,34,22.82	18,17,38.61	19,39,21.64	21,22,28.43	23,4,17.72
16,35,22.77	18,18,32.25	20,0,27.68	21,23,27.42	23,5,17.82
16,36,26.34	18,19,37.58	20,1,24.38	21,24,41.03	23,6,22.16
16,37,28.20	18,20,39.46	20,2,21.53	21,25,34.83	23,7,18.84
16,38,27.62	18,21,38.81	20,3,18.85	21,26,48.79	23,8,16.88
17,0,21.99	18,22,46.81	20,4,18.35	21,27,53.97	23,9,16.66
17,1,20.92	18,23,56.56	20,5,19.35	21,28,47.73	23,10,17.61
17,2,20.67	18,24,44.19	20,6,18.02	21,29,47.92	23,11,17.39
17,3,19.98	18,25,45.49	20,7,17.80	21,30,54.65	23,12,19.23
17,4,20.85	18,26,46.35	20,8,19.08	21,31,71.64	23,13,28.42
17,5,15.97	18,27,47.12	20,9,21.40	21,32,88.22	23,14,30.99
17,6,17.71	18,28,39.82	20,10,18.25	21,33,94.22	23,15,35.97
17,7,16.12	18,29,40.00	20,11,20.48	21,34,94.22	23,16,32.84
17,8,17.26	18,30,35.66	20,12,25.23	21,35,43.43	23,17,31.64
17,9,19.12	18,31,38.26	20,13,34.29	21,36,32.80	23,18,30.18
17,10,28.65	18,32,38.16	20,14,39.13	21,37,27.01	23,19,25.78
17,11,36.82	18,33,28.33	20,15,41.26	21,38,20.11	23,20,26.30
17,12,37.80	18,34,16.35	20,16,40.31	21,39,27.29	23,21,20.91
17,13,53.13	18,35,17.23	20,17,46.78	22,0,23.63	23,22,18.10
17,14,58.71	18,36,23.60	20,18,45.82	22,1,25.26	23,23,17.14
17,15,45.74	18,37,22.92	20,19,38.31	22,2,21.18	23,24,19.25
17,16,39.01	18,38,20.56	20,20,39.89	22,3,18.52	23,25,22.31
17,17,48.13	18,39,21.69	20,21,33.14	22,4,19.59	23,26,30.00
17,18,44.44	19,0,30.37	20,22,34.09	22,5,20.04	23,27,33.16
17,19,39.53	19,1,22.93	20,23,31.48	22,6,24.05	23,28,26.44
17,20,44.93	19,2,19.26	20,24,34.67	22,7,20.18	23,29,28.30
17,21,46.56	19,3,18.81	20,25,35.84	22,8,16.69	23,30,25.86
17,22,54.90	19,4,17.79	20,26,50.81	22,9,16.41	23,31,44.33
17,23,45.49	19,5,16.51	20,27,47.05	22,10,18.62	23,32,58.51
17,24,35.12	19,6,17.86	20,28,47.55	22,11,17.25	23,33,59.54
17,25,43.27	19,7,17.40	20,29,44.39	22,12,22.40	23,34,77.19
17,26,56.23	19,8,15.20	20,30,46.85	22,13,26.27	23,35,48.60
17,27,36.10	19,9,18.08	20,31,80.09	22,14,36.74	23,36,53.22
17,28,30.94	19,10,19.03	20,32,82.36	22,15,33.50	23,37,23.72
17,29,33.30	19,11,21.53	20,33,80.08	22,16,32.62	23,38,20.22
17,30,36.89	19,12,26.25	20,35,25.67	22,17,40.03	23,39,21.49
17,31,39.06	19,13,42.97	20,36,24.14	22,18,29.57	24,0,21.33
17,32,31.12	19,14,52.54	20,37,20.72	22,19,31.83	24,1,24.11
17,33,26.48	19,15,48.26	20,38,18.59	22,20,23.55	24,2,21.42
17,34,17.44	19,16,38.84	20,39,21.54	22,21,21.73	24,3,18.22
17,35,16.07	19,17,48.92	21,0,25.09	22,22,20.42	24,4,17.97
17,36,25.94	19,18,42.70	21,1,26.54	22,23,17.75	24,5,17.85
17,37,25.66	19,19,43.23	21,2,26.63	22,24,22.88	24,6,17.32
17,38,19.06	19,20,43.38	21,3,22.51	22,25,27.16	24,7,19.21
17,39,24.57	19,21,36.76	21,4,23.78	22,26,33.99	24,8,13.93
18,0,25.02	19,22,36.81	21,5,22.29	22,27,61.05	24,9,15.63
18,1,24.33	19,23,43.71	21,6,20.48	22,28,42.26	24,10,18.36
18,2,19.75	19,24,49.63	21,7,15.99	22,29,25.79	24,11,16.19
18,3,18.56	19,25,45.08	21,8,17.50	22,30,29.32	24,12,17.50

BOURNE CASTLE SURVEY 2006 & 2021

24,13,20.12	25,35,31.70	27,17,16.71	28,39,27.66	30,21,18.24
24,14,30.02	25,36,34.41	27,18,14.51	29,0,26.41	30,22,13.54
24,15,28.52	25,37,26.77	27,19,14.78	29,1,27.26	30,23,14.76
24,16,26.84	25,38,22.78	27,20,14.77	29,2,23.95	30,24,15.00
24,17,25.25	25,39,25.97	27,21,14.28	29,3,24.37	30,25,17.34
24,18,22.90	26,0,23.73	27,22,13.49	29,4,21.31	30,26,16.78
24,19,20.84	26,1,22.79	27,23,15.53	29,5,16.84	30,27,20.31
24,20,21.58	26,2,19.66	27,24,15.91	29,6,16.97	30,28,24.95
24,21,17.96	26,3,20.00	27,25,17.49	29,7,18.60	30,29,22.71
24,22,15.02	26,4,18.68	27,26,14.67	29,8,21.17	30,30,21.67
24,23,14.08	26,5,16.28	27,27,15.28	29,9,19.66	30,31,26.26
24,24,14.42	26,6,14.61	27,28,18.25	29,10,17.93	30,32,20.95
24,25,20.92	26,7,13.38	27,29,23.93	29,11,17.23	30,33,37.36
24,26,24.60	26,8,14.39	27,30,28.56	29,12,16.41	30,34,28.92
24,27,20.09	26,9,15.47	27,31,21.88	29,13,20.76	30,35,81.85
24,28,17.83	26,10,16.41	27,32,19.86	29,14,21.80	30,36,29.57
24,29,23.98	26,11,15.80	27,33,22.38	29,15,20.58	30,37,26.81
24,30,24.93	26,12,17.81	27,34,32.89	29,16,19.79	30,38,29.58
24,31,29.85	26,13,23.88	27,35,32.83	29,17,15.93	30,39,28.03
24,32,34.97	26,14,23.37	27,36,30.17	29,18,15.80	31,0,30.52
24,33,65.60	26,15,23.88	27,37,25.37	29,19,14.54	31,1,26.26
24,34,65.89	26,16,24.31	27,38,28.25	29,20,17.30	31,2,27.60
24,35,32.47	26,17,20.74	27,39,26.64	29,21,15.12	31,3,20.85
24,36,40.74	26,18,16.06	28,0,25.58	29,22,13.60	31,4,20.24
24,37,26.15	26,19,15.62	28,1,24.37	29,23,15.02	31,5,18.24
24,38,26.17	26,20,17.06	28,2,22.01	29,24,15.46	31,6,17.81
24,39,26.29	26,21,14.26	28,3,22.32	29,25,15.91	31,7,19.64
25,0,22.03	26,22,13.94	28,4,20.36	29,26,15.54	31,8,20.86
25,1,23.15	26,23,16.05	28,5,16.21	29,27,16.45	31,9,20.34
25,2,19.69	26,24,16.75	28,6,17.04	29,28,17.56	31,10,18.98
25,3,18.52	26,25,16.54	28,7,16.92	29,29,24.68	31,11,16.12
25,4,17.98	26,26,15.42	28,8,18.07	29,30,25.03	31,12,16.59
25,5,17.10	26,27,14.69	28,9,19.92	29,31,30.56	31,13,18.03
25,6,16.55	26,28,19.31	28,10,17.82	29,32,23.42	31,14,19.18
25,7,14.91	26,29,20.56	28,11,16.56	29,33,25.59	31,15,19.41
25,8,14.28	26,30,24.72	28,12,17.26	29,34,29.02	31,16,16.75
25,9,15.27	26,31,25.65	28,13,23.61	29,35,50.65	31,17,16.59
25,10,17.46	26,32,23.65	28,14,22.42	29,36,32.03	31,18,16.04
25,11,15.44	26,33,25.43	28,15,24.89	29,37,35.21	31,19,18.36
25,12,17.48	26,34,36.09	28,16,21.58	29,38,26.87	31,20,21.22
25,13,24.89	26,35,27.99	28,17,16.08	29,39,27.02	31,21,16.81
25,14,24.63	26,36,30.24	28,18,15.73	30,0,32.27	31,22,15.28
25,15,24.83	26,37,27.01	28,19,15.40	30,1,26.39	31,23,15.42
25,16,26.35	26,38,26.77	28,20,14.96	30,2,24.76	31,24,16.68
25,17,25.12	26,39,23.20	28,21,14.55	30,3,22.35	31,25,18.45
25,18,21.51	27,0,23.95	28,22,14.10	30,4,21.60	31,26,18.01
25,19,16.58	27,1,22.91	28,23,17.73	30,5,19.00	31,27,19.54
25,20,16.64	27,2,19.92	28,24,18.07	30,6,19.16	31,28,24.07
25,21,15.95	27,3,22.81	28,25,15.36	30,7,20.13	31,29,21.11
25,22,13.79	27,4,19.38	28,26,15.35	30,8,20.09	31,30,25.50
25,23,13.23	27,5,16.94	28,27,17.08	30,9,20.00	31,31,24.27
25,24,16.74	27,6,14.49	28,28,22.42	30,10,18.10	31,32,21.35
25,25,19.67	27,7,14.43	28,29,22.51	30,11,17.59	31,33,44.71
25,26,18.42	27,8,16.76	28,30,23.23	30,12,16.33	31,34,26.23
25,27,17.18	27,9,17.88	28,31,24.52	30,13,17.52	31,35,39.77
25,28,18.98	27,10,16.22	28,32,21.95	30,14,18.92	31,36,34.00
25,29,20.18	27,11,15.99	28,33,23.73	30,15,18.54	31,37,28.05
25,30,25.89	27,12,19.74	28,34,29.32	30,16,16.40	31,38,24.36
25,31,26.12	27,13,23.56	28,35,37.64	30,17,15.74	31,39,26.91
25,32,29.45	27,14,26.44	28,36,27.64	30,18,14.55	32,0,28.89
25,33,41.52	27,15,22.29	28,37,31.37	30,19,16.12	32,1,25.74
25,34,54.86	27,16,21.95	28,38,30.75	30,20,20.17	32,2,24.50

BOURNE CASTLE SURVEY 2006 & 2021

32,3,21.70	33,26,23.19	35,8,17.97	36,30,26.30	38,12,15.09
32,4,20.57	33,27,21.15	35,9,19.70	36,31,22.60	38,13,16.45
32,5,18.96	33,28,19.80	35,10,16.19	36,32,22.36	38,14,15.26
32,6,17.46	33,29,24.06	35,11,15.78	36,33,28.42	38,15,14.60
32,7,17.02	33,30,26.02	35,12,15.85	36,34,34.78	38,16,15.94
32,8,19.63	33,31,25.40	35,13,15.85	36,35,26.91	38,17,15.92
32,9,17.67	33,32,22.16	35,14,15.05	36,36,23.00	38,18,16.20
32,10,18.84	33,33,26.50	35,15,16.41	36,37,21.83	38,19,17.72
32,11,16.93	33,34,24.98	35,16,15.11	36,38,24.48	38,20,19.32
32,12,17.48	33,35,35.78	35,17,13.14	36,39,23.01	38,21,19.99
32,13,18.57	33,36,29.43	35,18,14.60	37,0,29.89	38,22,22.22
32,14,20.19	33,37,25.27	35,19,18.05	37,1,21.50	38,23,26.67
32,15,17.27	33,38,23.80	35,20,18.01	37,2,20.66	38,24,24.19
32,16,16.10	33,39,25.41	35,21,18.01	37,3,21.92	38,25,26.17
32,17,15.65	34,0,28.84	35,22,20.07	37,4,18.40	38,26,30.55
32,18,16.07	34,1,64.49	35,23,18.23	37,5,19.69	38,27,58.16
32,19,19.04	34,2,33.07	35,24,20.77	37,6,16.02	38,28,61.67
32,20,19.83	34,3,24.27	35,25,22.29	37,7,17.91	38,29,47.61
32,21,18.32	34,4,23.99	35,26,23.29	37,8,17.22	38,30,43.27
32,22,19.08	34,5,18.53	35,27,20.84	37,9,17.06	38,31,69.70
32,23,18.10	34,6,18.28	35,28,20.63	37,10,16.70	38,32,43.49
32,24,17.80	34,7,17.24	35,29,21.75	37,11,15.54	38,33,43.48
32,25,22.88	34,8,18.81	35,30,21.54	37,12,16.31	38,34,41.86
32,26,21.33	34,9,16.11	35,31,24.45	37,13,14.95	38,35,25.59
32,27,28.33	34,10,18.74	35,32,24.43	37,14,13.24	38,36,23.02
32,28,20.06	34,11,16.96	35,33,27.21	37,15,14.10	38,37,24.16
32,29,27.52	34,12,14.90	35,34,31.17	37,16,14.24	38,38,22.97
32,30,27.11	34,13,16.64	35,35,28.11	37,17,13.52	38,39,22.22
32,31,25.07	34,14,16.08	35,36,24.16	37,18,16.25	39,0,30.54
32,32,22.91	34,15,15.73	35,37,23.30	37,19,19.06	39,1,32.44
32,33,26.50	34,16,14.87	35,38,24.73	37,20,18.41	39,2,26.69
32,34,26.70	34,17,14.77	35,39,23.60	37,21,19.95	39,3,26.41
32,35,41.40	34,18,15.55	36,0,27.72	37,22,19.17	39,4,21.69
32,36,24.18	34,19,16.83	36,1,22.12	37,23,22.95	39,5,23.41
32,37,29.78	34,20,19.57	36,2,22.50	37,24,22.60	39,6,22.73
32,38,28.28	34,21,22.38	36,3,20.72	37,25,26.11	39,7,22.53
33,0,30.36	34,22,27.03	36,4,19.60	37,26,26.55	39,8,25.92
33,1,32.41	34,23,17.01	36,5,16.97	37,27,25.57	39,9,17.59
33,2,28.43	34,24,17.94	36,6,15.63	37,28,29.36	39,10,17.65
33,3,23.83	34,25,22.81	36,7,16.26	37,29,26.00	39,11,15.95
33,4,27.67	34,26,31.82	36,8,16.72	37,30,24.92	39,12,15.20
33,5,20.45	34,27,22.94	36,9,17.64	37,31,27.42	39,13,15.49
33,6,19.41	34,28,20.34	36,10,16.48	37,32,27.77	39,14,14.35
33,7,17.53	34,29,20.25	36,11,15.79	37,33,30.78	39,15,15.41
33,8,18.54	34,30,23.02	36,12,16.18	37,34,42.49	39,16,16.64
33,9,17.70	34,31,26.14	36,13,15.32	37,35,25.73	39,17,15.06
33,10,18.33	34,32,24.47	36,14,13.15	37,36,23.38	39,18,20.23
33,11,15.31	34,33,28.12	36,15,13.36	37,37,28.57	39,19,21.13
33,12,15.86	34,34,24.31	36,16,14.19	37,38,25.23	39,20,19.39
33,13,17.93	34,35,37.82	36,17,13.95	37,39,24.33	39,21,22.03
33,14,19.18	34,36,23.85	36,18,15.31	38,0,32.34	39,22,21.11
33,15,17.40	34,37,24.95	36,19,19.03	38,1,26.49	39,23,23.24
33,16,13.86	34,38,22.42	36,20,18.30	38,2,26.24	39,24,23.27
33,17,15.71	34,39,24.47	36,21,18.34	38,3,21.33	39,25,27.67
33,18,15.44	35,0,29.31	36,22,19.80	38,4,17.68	39,26,51.76
33,19,18.53	35,1,34.33	36,23,21.51	38,5,20.18	39,27,78.37
33,20,20.58	35,2,29.45	36,24,20.31	38,6,20.61	39,28,76.29
33,21,24.18	35,3,22.27	36,25,27.52	38,7,17.85	39,29,63.77
33,22,16.20	35,4,20.91	36,26,24.65	38,8,19.80	39,30,72.14
33,23,20.18	35,5,18.64	36,27,22.70	38,9,17.48	39,31,68.31
33,24,16.63	35,6,19.39	36,28,22.67	38,10,19.32	39,32,42.62
33,25,22.92	35,7,19.87	36,29,23.44	38,11,17.78	39,33,69.23

BOURNE CASTLE SURVEY 2006 & 2021

39,34,47.17	41,18,26.43	43,0,27.70	44,22,25.25	46,4,16.50
39,35,25.36	41,19,27.22	43,1,26.70	44,23,33.98	46,5,21.06
39,36,24.54	41,20,24.11	43,2,24.07	44,24,24.88	46,6,20.77
39,37,24.24	41,21,22.56	43,3,21.26	44,25,21.17	46,7,25.89
39,38,23.34	41,22,21.19	43,4,22.12	44,26,20.96	46,8,23.72
39,39,24.77	41,23,22.80	43,5,22.96	44,27,19.97	46,9,17.48
40,0,34.12	41,24,20.15	43,6,21.72	44,28,24.23	46,10,13.93
40,1,36.47	41,25,23.68	43,7,22.78	44,29,24.19	46,11,15.76
40,2,28.61	41,26,21.93	43,8,20.63	44,30,27.22	46,12,14.44
40,3,24.37	41,27,26.81	43,9,19.71	44,31,35.95	46,13,15.98
40,4,19.50	41,28,32.33	43,10,16.10	44,32,33.96	46,14,15.96
40,5,24.82	41,29,36.79	43,11,14.97	44,33,38.18	46,15,18.51
40,6,22.76	41,30,41.29	43,12,14.58	44,34,28.55	46,16,21.01
40,7,24.22	41,31,26.17	43,13,17.41	44,35,26.67	46,17,27.32
40,8,23.82	41,32,39.75	43,14,18.07	44,36,25.92	46,18,28.79
40,9,20.56	41,33,49.64	43,15,19.61	44,37,28.05	46,19,25.01
40,10,19.22	41,34,46.21	43,16,27.02	44,38,28.07	46,20,20.91
40,11,17.91	41,35,23.90	43,17,27.11	44,39,28.59	46,21,20.81
40,12,15.39	41,36,23.83	43,18,26.06	45,0,24.30	46,25,23.71
40,13,17.48	41,37,24.89	43,19,23.54	45,1,22.56	46,26,20.03
40,14,15.84	41,38,25.21	43,20,25.97	45,2,22.26	46,27,21.49
40,15,17.45	41,39,26.48	43,21,26.05	45,3,19.61	46,28,22.82
40,16,19.71	42,0,33.77	43,22,22.62	45,4,15.81	46,29,22.91
40,17,21.45	42,1,29.92	43,23,25.14	45,5,20.28	46,30,22.84
40,18,22.65	42,2,26.03	43,24,25.95	45,6,19.24	46,31,35.87
40,19,20.98	42,3,21.32	43,25,23.16	45,7,20.98	46,32,36.99
40,20,22.10	42,4,20.36	43,26,20.12	45,8,22.03	46,33,43.44
40,21,20.99	42,5,23.15	43,27,20.64	45,9,17.68	46,34,28.31
40,22,21.03	42,6,28.30	43,28,23.94	45,10,15.23	46,35,32.00
40,23,22.32	42,7,26.24	43,29,28.62	45,11,16.58	46,36,31.83
40,24,21.71	42,8,22.01	43,30,30.86	45,12,16.31	46,37,30.49
40,25,24.02	42,9,18.81	43,31,31.59	45,13,15.55	46,38,29.58
40,26,28.21	42,10,17.32	43,32,31.19	45,14,15.08	46,39,28.55
40,27,42.05	42,11,15.89	43,33,39.80	45,15,19.52	47,0,21.94
40,28,54.83	42,12,15.13	43,34,31.78	45,16,27.20	47,1,18.81
40,29,56.63	42,13,18.65	43,35,26.48	45,17,34.31	47,2,14.31
40,30,48.99	42,14,19.52	43,36,26.93	45,18,31.19	47,3,14.57
40,31,38.24	42,15,21.52	43,37,28.32	45,19,25.76	47,4,19.01
40,32,55.75	42,16,28.11	43,38,26.86	45,20,22.44	47,5,21.85
40,35,27.79	42,17,28.72	43,39,29.46	45,21,23.06	47,6,19.22
40,36,25.13	42,18,27.15	44,0,30.80	45,22,28.75	47,7,19.11
40,37,25.88	42,19,31.26	44,1,22.28	45,23,31.61	47,8,20.71
40,38,24.93	42,20,24.57	44,2,25.69	45,24,30.96	47,9,17.46
40,39,27.16	42,21,23.90	44,3,19.19	45,25,21.36	47,10,14.96
41,0,35.49	42,22,21.27	44,4,20.25	45,26,19.65	47,11,14.35
41,1,34.21	42,23,26.26	44,5,22.48	45,27,21.51	47,12,14.12
41,2,31.36	42,24,23.20	44,6,21.98	45,28,23.22	47,13,15.34
41,3,23.55	42,25,24.33	44,7,19.48	45,29,24.57	47,14,15.65
41,4,23.17	42,26,21.90	44,8,21.96	45,30,27.07	47,15,19.28
41,5,23.05	42,27,21.00	44,9,17.92	45,31,36.79	47,16,25.82
41,6,25.68	42,28,24.13	44,10,16.63	45,32,33.85	47,17,26.65
41,7,22.38	42,29,27.77	44,11,15.56	45,33,40.69	47,18,24.76
41,8,24.15	42,30,29.74	44,12,15.76	45,34,31.78	47,19,24.87
41,9,20.41	42,31,25.60	44,13,16.58	45,35,27.31	47,20,20.59
41,10,17.43	42,32,33.73	44,14,18.60	45,36,26.62	47,21,21.13
41,11,16.27	42,33,34.47	44,15,21.42	45,37,25.66	47,22,23.31
41,12,16.73	42,34,43.48	44,16,23.70	45,38,26.51	47,24,24.76
41,13,16.08	42,35,26.61	44,17,25.90	45,39,29.06	47,25,23.42
41,14,20.58	42,36,25.88	44,18,29.92	46,0,25.95	47,26,21.46
41,15,21.98	42,37,27.50	44,19,26.63	46,1,20.68	47,27,22.71
41,16,21.42	42,38,24.94	44,20,25.37	46,2,19.09	47,28,22.26
41,17,27.83	42,39,27.68	44,21,22.64	46,3,17.57	47,29,24.37

BOURNE CASTLE SURVEY 2006 & 2021

47,30,23.19	49,13,14.44	50,36,27.55	52,18,21.17	54,0,22.26
47,31,35.08	49,14,17.66	50,37,26.09	52,19,21.37	54,1,20.57
47,32,30.89	49,15,18.99	50,38,27.58	52,20,19.16	54,2,16.85
47,33,49.51	49,16,26.59	50,39,23.68	52,21,21.64	54,3,16.48
47,34,29.65	49,17,22.86	51,0,23.70	52,22,19.07	54,4,14.45
47,35,34.42	49,18,28.62	51,1,21.69	52,23,20.88	54,5,13.74
47,36,37.18	49,19,28.24	51,2,22.11	52,24,18.54	54,6,13.55
47,37,38.59	49,20,21.40	51,3,20.31	52,25,18.98	54,7,13.60
47,38,30.99	49,21,19.56	51,4,16.34	52,26,20.75	54,8,13.27
47,39,31.71	49,22,23.44	51,5,14.66	52,27,19.06	54,9,12.96
48,0,19.80	49,23,21.62	51,6,13.01	52,28,18.10	54,10,14.16
48,1,20.25	49,24,20.99	51,7,12.91	52,29,24.44	54,11,13.60
48,2,18.55	49,25,20.81	51,8,12.52	52,30,25.34	54,12,13.31
48,3,19.05	49,26,21.46	51,9,13.50	52,31,59.19	54,13,14.01
48,4,20.17	49,27,22.72	51,10,13.99	52,32,45.74	54,14,20.29
48,5,19.12	49,28,20.66	51,11,13.66	52,33,37.67	54,15,23.86
48,6,17.68	49,29,24.06	51,12,13.00	52,34,38.60	54,16,23.52
48,7,17.04	49,30,24.45	51,13,14.13	52,35,33.24	54,17,24.90
48,8,17.70	49,31,43.36	51,14,16.68	52,36,30.76	54,18,20.88
48,9,15.29	49,32,30.74	51,15,19.42	52,37,26.82	54,19,20.41
48,10,14.93	49,33,50.78	51,16,22.69	52,38,23.16	54,20,22.20
48,11,14.17	49,34,35.85	51,17,25.35	52,39,21.38	54,21,22.59
48,12,15.49	49,35,37.86	51,18,22.88	53,0,26.54	54,22,20.40
48,13,16.80	49,36,33.87	51,19,23.22	53,1,23.39	54,23,16.99
48,14,17.41	49,38,27.02	51,20,19.91	53,2,19.62	54,24,22.92
48,15,18.60	49,39,23.23	51,21,19.25	53,3,15.24	54,25,19.37
48,16,24.93	50,0,24.15	51,22,22.53	53,4,13.71	54,26,19.50
48,17,27.52	50,1,22.46	51,23,19.00	53,5,13.71	54,27,20.30
48,18,26.41	50,2,21.24	51,24,19.72	53,6,12.95	54,28,24.07
48,19,24.46	50,3,20.17	51,25,19.29	53,7,13.10	54,29,25.98
48,20,20.63	50,4,18.09	51,26,24.17	53,8,13.09	54,30,34.70
48,21,19.82	50,5,15.19	51,27,20.15	53,9,12.39	54,31,33.50
48,22,21.34	50,6,13.88	51,28,19.54	53,10,13.04	54,32,51.95
48,23,22.35	50,7,13.12	51,29,25.83	53,11,13.67	54,33,34.89
48,24,20.23	50,8,13.44	51,30,24.62	53,12,13.59	54,34,36.00
48,25,20.85	50,9,13.12	51,31,48.68	53,13,14.03	54,35,36.85
48,26,20.76	50,10,14.01	51,32,38.24	53,14,15.14	54,36,28.44
48,27,23.53	50,11,13.86	51,33,38.67	53,15,19.45	54,37,26.20
48,28,23.88	50,12,13.57	51,34,36.96	53,16,23.99	54,38,23.72
48,29,22.72	50,13,14.18	51,35,34.55	53,17,22.64	54,39,22.83
48,30,25.46	50,14,15.60	51,36,32.84	53,18,24.42	55,0,15.77
48,31,42.72	50,15,24.25	51,37,26.30	53,19,22.17	55,1,16.84
48,32,35.19	50,16,25.63	51,38,22.86	53,20,21.13	55,2,16.23
48,33,57.82	50,17,20.93	51,39,22.42	53,21,18.41	55,3,15.55
48,34,31.17	50,18,24.93	52,0,24.33	53,22,28.66	55,4,13.47
48,35,35.91	50,19,25.41	52,1,23.07	53,23,20.66	55,5,14.14
48,36,33.81	50,20,27.14	52,2,21.83	53,24,19.98	55,6,13.54
48,38,33.00	50,21,21.43	52,3,17.32	53,25,19.42	55,7,13.26
48,39,27.02	50,22,20.64	52,4,15.15	53,26,18.79	55,8,13.24
49,0,23.72	50,23,21.87	52,5,14.04	53,27,19.85	55,9,13.45
49,1,24.18	50,24,21.97	52,6,13.10	53,28,20.05	55,10,13.52
49,2,18.62	50,25,22.38	52,7,13.26	53,29,26.77	55,11,14.15
49,3,17.52	50,26,24.01	52,8,12.54	53,30,28.05	55,12,13.72
49,4,19.43	50,27,24.04	52,9,13.28	53,31,36.02	55,13,14.39
49,5,17.57	50,28,21.28	52,10,12.90	53,32,49.89	55,14,16.56
49,6,15.28	50,29,23.01	52,11,12.89	53,33,35.95	55,15,20.76
49,7,14.94	50,30,28.44	52,12,13.25	53,34,37.07	55,16,25.08
49,8,14.31	50,31,45.73	52,13,13.76	53,35,35.53	55,17,25.15
49,9,13.75	50,32,38.75	52,14,16.61	53,36,29.51	55,18,26.60
49,10,14.12	50,33,47.00	52,15,16.35	53,37,28.56	55,19,22.19
49,11,13.55	50,34,39.01	52,16,23.98	53,38,23.26	55,20,19.92
49,12,14.84	50,35,36.34	52,17,24.21	53,39,21.95	55,21,24.34

BOURNE CASTLE SURVEY 2006 & 2021

55,22,25.21	57,4,14.98	58,26,24.75
55,23,20.89	57,5,15.13	58,27,29.94
55,24,20.57	57,6,13.90	58,28,39.38
55,25,21.97	57,7,13.08	58,29,62.16
55,26,19.18	57,8,12.96	58,30,69.08
55,27,22.10	57,9,12.79	58,31,94.22
55,28,27.63	57,10,12.90	58,32,94.22
55,29,27.25	57,11,12.78	58,33,42.92
55,30,34.07	57,12,14.55	58,34,63.56
55,31,33.48	57,13,14.42	58,35,44.33
55,32,59.20	57,14,15.78	58,36,45.88
55,33,35.75	57,15,17.13	58,37,28.80
55,34,31.51	57,16,20.21	58,38,24.54
55,35,29.22	57,17,24.39	58,39,24.29
55,36,28.17	57,18,21.49	59,0,20.65
55,37,27.02	57,19,22.23	59,1,16.78
55,38,22.82	57,20,24.57	59,2,15.45
55,39,21.79	57,21,19.22	59,3,15.33
56,0,16.50	57,22,22.00	59,4,15.94
56,1,16.98	57,23,21.23	59,5,15.98
56,2,16.88	57,24,24.09	59,6,14.19
56,3,17.78	57,25,22.37	59,7,13.88
56,4,15.74	57,26,24.21	59,8,13.55
56,5,14.03	57,27,23.59	59,9,13.87
56,6,13.01	57,28,28.93	59,10,14.21
56,7,12.88	57,29,41.68	59,11,12.84
56,8,12.68	57,30,84.31	59,12,16.17
56,9,13.02	57,31,36.35	59,13,16.19
56,10,13.43	57,32,38.97	59,14,17.19
56,11,13.78	57,33,24.35	59,15,18.88
56,12,13.50	57,34,25.33	59,16,18.72
56,13,13.95	57,35,26.75	59,17,17.76
56,14,15.61	57,36,26.74	59,18,18.45
56,15,20.60	57,37,26.98	59,19,19.02
56,16,23.45	57,38,23.67	59,20,23.03
56,17,26.73	57,39,21.98	59,21,19.75
56,18,19.98	58,0,20.29	59,22,21.26
56,19,18.73	58,1,17.44	59,23,25.74
56,20,22.43	58,2,16.09	59,24,25.55
56,21,22.97	58,3,16.80	59,25,27.35
56,22,21.79	58,4,19.04	59,26,36.31
56,23,20.81	58,5,15.35	59,27,33.98
56,24,21.04	58,6,14.15	59,28,48.94
56,25,19.91	58,7,13.31	59,29,62.38
56,26,22.23	58,8,13.18	59,30,58.82
56,27,22.56	58,9,13.45	59,31,44.29
56,28,28.95	58,10,14.29	59,32,41.72
56,29,25.09	58,11,12.95	59,33,34.28
56,30,48.09	58,12,14.39	59,34,35.21
56,31,32.74	58,13,14.23	59,35,33.99
56,32,41.60	58,14,15.36	59,36,42.49
56,33,26.98	58,15,19.31	59,37,41.23
56,34,27.80	58,16,18.39	59,38,32.28
56,35,27.92	58,17,16.75	59,39,24.60
56,36,26.00	58,18,19.77	
56,37,26.48	58,19,21.13	
56,38,22.36	58,20,20.75	
56,39,21.63	58,21,19.48	
57,0,17.83	58,22,20.03	
57,1,18.22	58,23,22.15	
57,2,15.66	58,24,22.14	
57,3,18.62	58,25,20.44	