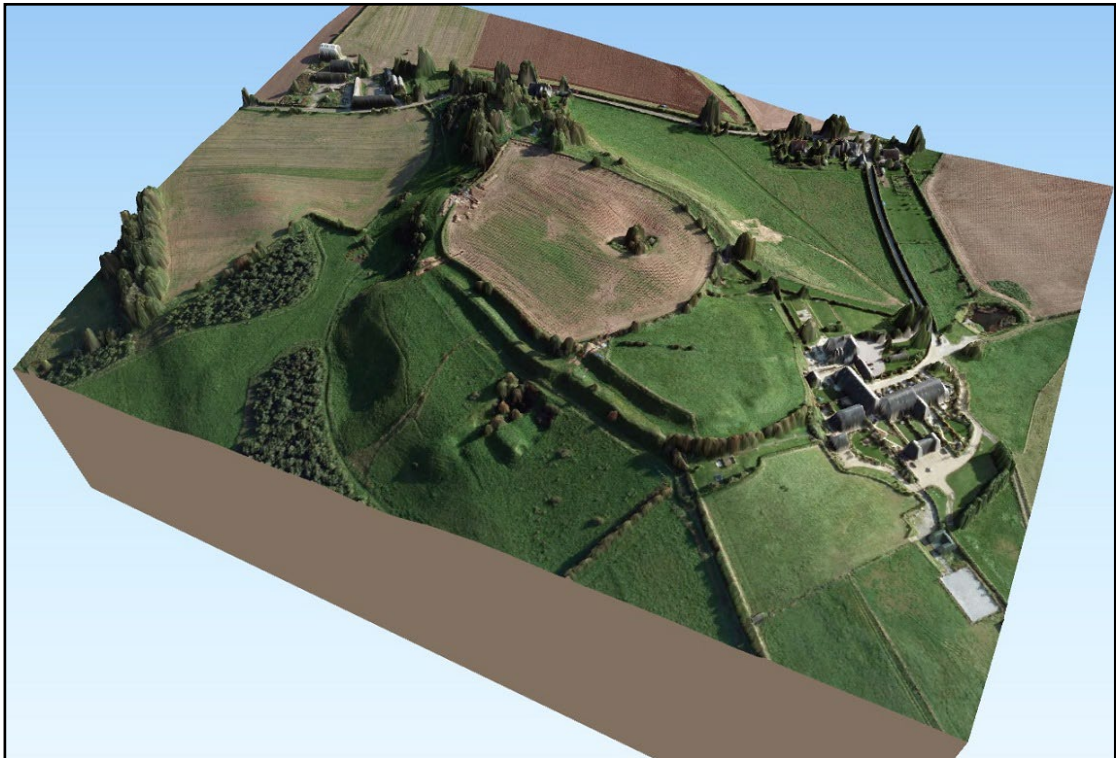


**Cheshire Historic Environment Record
Aerial Photograph Collections and LiDAR Surveys**



**Cheshire
Archaeology**

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🌐 www.cheshirearchaeology.org.uk

Cover Image: Eddisbury Hillfort © Cheshire Historic Environment Record. Aerial photography © GeoPerspectives 2010, as supplied to Cheshire West and Chester Council by Bluesky International.

1. Vertical Aerial Photography: Luftwaffe Aerial Photographs (1940)

Description

This survey is compiled from rare wartime aerial photographs taken by a reconnaissance aircraft of the Luftwaffe's Luftflotte 2 at the height of the Battle of Britain, on September 4th 1940. Having made its way round the Lizard and up the Irish Sea the German plane crossed the English coast and snapped its three Zeiss Reihenbilder cameras on just north of Liverpool. After recording the town the aircraft continued on up the Mersey, recording a swathe of Cheshire from Ellesmere Port in the north to Whitchurch in the south before passing out of the County in the direction of Cheltenham, where it finally it switched off its three cameras, and turned for France.

Source information

Survey Organisation: Luftwaffe.

Format: Rectified mosaic of digital images.

Resolution: c.50m

Archive information

Archive organisation 1 (digital): Geoinformation Group.

Archive organisation 1 URL (digital): www.geoinformationgroup.co.uk

Archive organisation 2 (prints): US National Archive.

Archive organisation 2 (prints) URL: www.archives.gov

Archive organisation (prints) reference: US National Archive Record Group 243.

Copyright (prints): US National Archive.

Copyright (digital): Geoinformation Group.

Historic Environment Record source reference: SCH5297

Survey Index

None.

Survey References

Not available.

2. Vertical Aerial Photography: 75m RAF National Survey (1945-1948)

Description

This survey possibly forms part of a national aerial survey flown by RAF from 1944 (3 Group RAF and then by the newly created RAF Central Photographic Establishment). The scale suggests that this survey may have been undertaken undertaken by 541 Squadron with Avro Lancaster aircraft.

Source information

Survey organisation: 3 Group RAF and then RAF Central Photographic Establishment (CPE).
Format: Rectified mosaic of digital images.

Resolution: 75m.

Source organisation: Geoinformation Group.

Source organisation URL: www.geoinformationgroup.co.uk

Archive information

Archive organisation: Geoinformation Group.

Archive organisation URL: www.geoinformationgroup.co.uk

Copyright: GeoInformation Group

Historic Environment Record source reference: SCH8190

Survey Index

None recorded.

Survey References

Not available.

3. Vertical Aerial Photography: 25m RAF National Survey (1945-1948)

Description

This was a national aerial survey flown by the RAF from 1944 (3 Group RAF and then by the newly created RAF Central Photographic Establishment). The photography was undertaken by 540 and 58 Squadrons using de Havilland Mosquito aircraft. Photography was also undertaken by 541 Squadron; possibly with Avro Lancaster aircraft.

The majority of the western air photographs date from 17th January 1947. Some of the Wirral, Warrington and Macclesfield photographs are from August 1945 and are quite distinctive due to their grade A quality. The original prints are available through Cheshire Archives and Local Studies, but are largely restricted to the southern and western parts of Cheshire, but do include the Wirral. The English Heritage Archive holds a larger archive of the original prints and negatives.

For the digital mosaic, photographs were sourced from those held by Cheshire Archives and Local Studies. Photographs and negatives were also sourced from the Historic England Archive (NMR) at Swindon.

Source information

Survey organisation: 3 Group RAF and then RAF Central Photographic Establishment (CPE).

Format: 857 black and white photographs and a rectified mosaic of digital images.

Scale (prints): 1:9,800 to 1:10,200.

Resolution (digital): 25m.

Archive information

Archive organisation 1 (digital): Geoinformation Group.

Archive organisation 1 URL (digital): www.geoinformationgroup.co.uk

Archive organisation 2 (prints): Historic England Archive.

Archive organisation 2 (prints) URL: <https://www.historicengland.org.uk/images-books/archive>

Archive organisation 3 (prints): Cheshire Archives and Local Studies.

Archive organisation 3 (prints) URL: www.cheshirearchives.org.uk

Copyright (prints): Crown Copyright.

Copyright (digital): GeoInformation Group.

Historic Environment Record source reference: SCH4608

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
RUN	Sortie reference
NUMBER	Frame number
DATE	Date of photograph
PHOTOSCALE	Scale of photograph
CAPTURED	Source organisation
COMMENTS	General comments on subject and quality
QUALITY	An assessment of print quality
SQUADRON	RAF Squadron
HEIGHT	Height of survey aircraft
FOCAL_L	Focal length of camera
X_COORD	NGR easting
Y_COORD	NGR northing

The polygon data depicts the approximate area covered by each sortie. It has the following attributes:

Attribute	Description
ID	Not used
SORTIE	Sortie reference
TIME	Unknown
HEIGHT	Height of survey aircraft
FOCALLENGTH	Focal length of camera
IQ	Unknown
DATE	Date of photograph
ACRES	Area of polygon in acres
HECTARES	Area of polygon in hectares

Survey References

Survey references for prints held at Cheshire Archives and Local Studies.

(Sortie / Frame no.)

119 / 3024-3031	CPE\UK\1935 / 1439-1472
119 / 4011-4040	CPE\UK\1935 / 2019-3041
3G\TUD\UK\192 P / 3024-3031	CPE\UK\1935 / 3125-4050
106G\UK\626 / 3033-4218	CPE\UK\1935 / 4319-4385
106G\UK\645 / 3123-4124	CPE\UK\1935 / 4452-4503
106G\UK\645 / 3141-4153	CPE\UK\1996 / 4159-4202
106G\UK\645 / 3001-4203	CPE\UK\2010 / 2058-2071
CPE\UK\1935 / 1004-1041	CPE\UK\2010 / 3054-3070
CPE\UK\1935 / 1129-1224	CPE\UK\2471 / 1250-3269-4171

4. Vertical Aerial Photography: RAF Survey of Stanlow and Handforth (1951)

Description

A sequence of vertical photographs of the Stanlow oil refinery and former military sites east of Handforth (and adjacent areas) undertaken by 58 Squadron RAF on 03/06/1951.

Source information

Survey Organisation: RAF Central Photographic Establishment (CPE).

Format: 15 black and white photographs.

Scale: Unknown.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.

Archive Organisation: www.cheshirearchives.org.uk

Copyright : Crown Copyright.

Historic Environment Record source reference: SCH8488

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph from surveys undertaken between 1951 and 1959. It has the following attributes:

Attribute	Description
Id	Not used
Sortie	Sortie reference
Number	Frame number
Date	Date of photograph
Photoscale	Scale of photograph
Captured_B	Source organisation
Comments	General comments on subject and quality
Quality	An assessment of print quality
Squadron	RAF Squadron
Height	Height of survey aircraft
Focal_L	Focal length of camera
Run	Not used

Survey References

(Sortie / Frame no.):

58/RAF/709 / 3264-3272 (even)

58/RAF/709 / 3351-3352, 4202-4210 (even)

58/RAF/709 / 4269-4277 (odd)

58/RAF/709 / 4358-4360.

5. Vertical Aerial Photography: RAF Survey of Stanlow (1959)

Description

A sequence of vertical photographs of the Stanlow oil refinery and adjacent areas undertaken by 58 Squadron RAF on 25/05/1959.

Source information

Survey Organisation: RAF Central Photographic Establishment (CPE).

Format: 2 black and white photographs.

Scale: Unknown.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.

Archive Organisation URL: www.cheshirearchives.org.uk

Copyright: Crown Copyright.

Historic Environment Record source reference: SCH8489

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph from surveys undertaken between 1951 and 1959. It has the following attributes:

Attribute	Description
Id	Not used
Sortie	Sortie reference
Number	Frame number
Date	Date of photograph
Photoscale	Scale of photograph
Captured_B	Source organisation
Comments	General comments on subject and quality
Quality	An assessment of print quality
Squadron	RAF Squadron
Height	Height of survey aircraft
Focal_L	Focal length of camera
Run	Not used

Survey References

(Sortie / Frame no.):

58/RAF/2898 / 0039 & 0041.

6. Vertical Aerial Photography: Huntings Survey, Lancashire (1961)

Description

This survey covers the boroughs of Halton and Warrington north of the River Mersey in the area which was prior to 1974 part of Lancashire. The original prints are available at the Cheshire Historic Environment Record.

Source information

Survey Organisation: Hunting Surveys Ltd
 Format: c. 121 black and white photographs.
 Scale: 1:10,000 to 1:12,000.

Archive information

Archive Organisation: Cheshire Archaeology Planning Advisory Service.
 Archive Organisation URL: <http://www.cheshirearchaeology.org.uk/>
 Copyright: Lancashire County Council.

Historic Environment Record source reference: SCH8490

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph held by Cheshire Historic Environment Record. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number
NUMBER	Frame number
DATE	Date of photograph
SCALE	Scale of photograph
CAPTURED_B	Source organisation
FILM	Film reference
FLYING_HEI	Height of survey aircraft and approximate scale in inches
QUALITY	An assessment of print quality
COMMENTS	General comments on subject and quality

Survey References

(Sortie / Run / Frames (Date)):

HSL/UK/61/60 / Run 11 / 060-064 (13/05/1961)	HSL/UK/61/60 / Run 12 / 130-133 (13/05/1961)
HSL/UK/61/109 / Run 13 / 8662-8679 (30/06/1961)	HSL/UK/61/109 / Run 14 / 8743-8760 (30/06/1961)
HSL/UK/61/109 / Run 15 / 8796-8813 (30/06/1961)	HSL/UK/61/110 / Run 16 / 8887-8903 (30/06/1961)
HSL/UK/61/110 / Run 17 / 8909-8928 (30/06/1961)	HSL/UK/61/110 / Run 18 / 8973-8991 (30/06/1961)
HSL/UK/61/110 / Run 19 / 8998-9009 (30/06/1961)	HSL/UK/61/110 / Run 20 / 9039-9041 (30/06/1961)
HSL/UK/61/110 / Run 21 / 9049-9052 (30/06/1961)	

7. Vertical Aerial Photography: Ordnance Survey, Risley and Rixton (1963)

Description

A small series of vertical photographs of Risley and Rixton mosses, Rixton Clay Pits, and Glazebrook which were taken on 20/07/1963. The original prints are available at the Cheshire Historic Environment Record.

Source information

Survey Organisation: Ordnance Survey.
Format: 5 black and white photographs.
Scale: Unknown.

Archive information

Archive Organisation: Cheshire Archaeology Planning Advisory Service.
Archive Organisation URL: <http://www.cheshirearchaeology.org.uk/>
Copyright : Crown Copyright.

Historic Environment Record source reference: SCH8491

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph from surveys undertaken between 1963 and 1969. It has the following attributes:

Attribute	Description
ID	Not used
RUN	Run reference number
NUMBER	Frame number
DATE	Date of photograph
PHOTOSCALE	Scale of photograph
CAPTURED_B	Source organisation
QUALITY	An assessment of print quality
SQUADRON	RAF Squadron (where applicable)
HEIGHT	Height of survey aircraft
FOCAL_L	Focal length of camera
X_COORD	NGR easting
Y_COORD	NGR northing
Sortie	Sortie reference
Covers	Short description of the area covered by the photograph

Survey References

(Sortie / Frames):
OS/63/156 / 045-048 & 056

8. Vertical Aerial Photography: Ordnance Survey, Eaton, Congleton (1967)

Description

A vertical photograph of Eaton near Congleton taken on 14/06/1967.

Source information

Survey Organisation: Ordnance Survey.

Format: One black and white photograph.

Scale: Unknown.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.

Archive Organisation URL: www.cheshirearchives.org.uk

Copyright : Crown Copyright.

Historic Environment Record source reference: SCH8492

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph from surveys undertaken between 1963 and 1969. It has the following attributes:

Attribute	Description
ID	Not used
RUN	Run reference number
NUMBER	Frame number
DATE	Date of photograph
PHOTOSCALE	Scale of photograph
CAPTURED_B	Source organisation
QUALITY	An assessment of print quality
SQUADRON	RAF Squadron (where applicable)
HEIGHT	Height of survey aircraft
FOCAL_L	Focal length of camera
X_COORD	NGR easting
Y_COORD	NGR northing
Sortie	Sortie reference
Covers	Short description of the area covered by the photograph

Survey References

(Sortie / Frames):

OS/67/191 / 927

9. Vertical Aerial Photography: RAF Survey, North Cheshire (1969)

Description

A series of vertical aerial photographs covering northern Cheshire, Liverpool and Manchester. The photographs were taken between the 10th and 13th of June 1969.

Source information

Survey Organisation: RAF Central Photographic Establishment (CPE).
Format: 37 black and white photographs.
Scale: c.1:30,000.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.
Archive Organisation URL: www.cheshirearchives.org.uk
Copyright: Crown Copyright.

Historic Environment Record source reference: SCH8494

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph from surveys undertaken between 1963 and 1969. It has the following attributes:

Attribute	Description
ID	Not used
RUN	Run reference number
NUMBER	Frame number
DATE	Date of photograph
PHOTOSCALE	Scale of photograph
CAPTURED_B	Source organisation
QUALITY	An assessment of print quality
SQUADRON	RAF Squadron (where applicable)
HEIGHT	Height of survey aircraft
FOCAL_L	Focal length of camera
X_COORD	NGR easting
Y_COORD	NGR northing
Sortie	Sortie reference
Covers	Short description of the area covered by the photograph

Survey References

(Sortie / Frames (Date))

543/RAF/4743 / 0016 & 0017-0032 (odd) 543/RAF/4748 / 0047-0051 (13/06/1969)
(13/06/1969)
543/RAF/4748 / 0025-0029 (odd) 543/RAF/4748 / 0053-0057 (odd)
(13/06/1969) (13/06/1969)
543/RAF/4748 / 0024-0028 (even) 543/RAF/4748 / 0081, 0104-0108
(13/06/1969) (13/06/1969)
543/RAF/4748 / 0033-0038 (13/06/1969) 543/RAF/4748 / 0110-0112 (even)
(13/06/1969) (13/06/1969)
543/RAF/4748 / 0043, 0045 (13/06/1969) 543/RAF/4748 / 0097-0103 (odd)

(10/06/1969)

10. Vertical Aerial Photography: Huntings County Survey (1971-1973)

Description

A vertical aerial survey of the ceremonial county of Cheshire. It was undertaken at a scale of 1:10,000 to 1:12,000. Complete coverage for Cheshire West and Chester, Halton Borough, Warrington Borough and Cheshire East. The original prints are available at Cheshire Archives and Local Studies and also cover the Wirral. The digital mosaic is available via the Cheshire Archives and Local Studies' tithe maps online website:

<http://maps.cheshire.gov.uk/tithemaps/>.

Source information

Survey Organisation: Hunting Surveys Ltd.

Format: 1842 black and white photographs and a rectified mosaic of digital images.

Scale: 1:10,000 - 1:12,000.

Archive information

Archive Organisation 1 (prints): Cheshire Archives and Local Studies.

Archive Organisation 1 (prints) URL: www.cheshirearchives.org.uk

Archive Organisation 2 (digital): Cheshire West and Chester Council.

Archive Organisation 2 (digital) URL: www.cheshirewestandchester.gov.uk

Archive Organisation 3 (digital): Cheshire East Council.

Archive Organisation 3 (digital) URL: www.cheshireeast.gov.uk

Copyright (prints): Cheshire County Council.

Copyright (digital): Cheshire County Council.

Historic Environment Record source reference: SCH4881

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number
DATE	Date of photograph
SCALE_OF_P	Scale of photograph
CAPTURED_B	Source organisation
NUMBER	Frame number
QUALITY	An assessment of print quality
COMMENTS	General comments on format and cover
FLYING_HEI	Height of survey aircraft
X_COORD	NGR easting
Y_COORD	NGR northing
FILM	Film reference
KEPT_AT	Not used
SIZE	Print size

Survey References

(Sortie / Run / Frames (Date))

HSL/UK/71/57 / Run 7 / 0580-0587 (16/05/1973)	HSL/UK/73/57 / Run 25 / 1865-1928 (16/05/1973)
HSL/UK/71/58 / Run 8 / 0655-0662 (03/05/1971)	HSL/UK/73/57 / Run 26 / 1833-1856 (16/05/1973)
HSL/UK/71/58 / Run 9 / 0882-0888 (03/05/1971)	HSL/UK/73/57 / Run 27 / 1933-2007 (16/05/1973)
HSL/UK/71/59 / Run 10 / 0984-1003 (03/05/1971)	HSL/UK/73/57 / Run 28 / 2013-2080 (16/05/1973)
HSL/UK/71/59 / Run 11 / 1071-1088 (03/05/1971)	HSL/UK/73/58 / Run 6 / 1323-1331 (16/05/1973)
HSL/UK/71/66 / Run 12 / 0268-0289 (14/05/1971)	HSL/UK/73/58 / Run 19 / 1353-1397 (16/05/1973)
HSL/UK/71/66 / Run 13 / 0296-0324(14/05/1971)	HSL/UK/73/58 / Run 20 / 1427-1470 (16/05/1973)
HSL/UK/71/66 / Run 14 / 0417-0447 (14/05/1971)	HSL/UK/73/58 / Run 21 / 1476-1532 (16/05/1973)
HSL/UK/71/107 / Run 50 / 3797-3882 (07/07/1971)	HSL/UK/73/60 / Run 22 / 1559-1613 (16/05/1973)
HSL/UK/71/109 / Run 44 / 4090-4114 (07/07/1971)	HSL/UK/73/60 / Run 23 / 1626-1689 (16/05/1973)
HSL/UK/71/109 / Run 45 / 4026-4058 (07/07/1971)	HSL/UK/73/60 / Run 24 / 1694-1756 (16/05/1973)
HSL/UK/71/109 / Run 46 / 3994-3957 (07/07/1971)	HSL/UK/73/60 / Run 26 / 1759-1805 (16/05/1973)
HSL/UK/71/111 / Run 17 / 0077-0112 (08/07/1971)	HSL/UK/73/61 / Run 32 / 2400-2458 (-/05/1973)
HSL/UK/71/113 / Run 15 / 4225-4272 (08/07/1971)	HSL/UK/73/61 / Run 33 / 2481-2535 (-/05/1973)
HSL/UK/71/113 / Run 43 / 4157-4177 (08/07/1971)	HSL/UK/73/61 / Run 34 / 2543-2593 (-/05/1973)
HSL/UK/71/164 / Run 40 / 0331-0367 (25/08/1971)	HSL/UK/73/62 / Run 29 / 2124-2260 (16/05/1973)
HSL/UK/71/164 / Run 41 / (25/08/1971)	HSL/UK/73/62 / Run 31 / 2269-2331 (16/05/1973)
HSL/UK/71/164 / Run 42 / 0231-0259 (25/08/1971)	HSL/UK/73/65 / Run 19 / 2726-2744 (17/05/1973)
HSL/UK/71/164 / Run 43 / 0205-0211 (25/08/1971)	HSL/UK/73/65 / Run 20 / 2709-2723 (17/05/1973)
HSL/UK/72/32 / Run 18 / 2233-2244 (03/04/1973)	HSL/UK/73/65 / Run 35 / 2656-2701 (17/05/1973)
HSL/UK/72/99 / Run 16 / 3826-3870 (17/07/1972)	HSL/UK/73/74 / Run 36 / 1772-1806 (07/06/1973)
HSL/UK/72/110 / Run 18 / 4417-4471 (23/08/1972)	HSL/UK/73/74 / Run 37 / 1826-1835 (07/06/1973)
HSL/UK/73/53 / Run 20 / 2073-2079 (03/04/1973)	HSL/UK/73/74 / Run 38 / 1863-1885 (07/06/1973)
HSL/UK/73/55 / Run 37 / 1127-1152 (15/05/1973)	HSL/UK/73/74 / Run 39 / 1889-1911 (07/06/1973)
HSL/UK/73/55 / Run 38 / 1099-1115	

(15/05/1973)
 HSL/UK/73/55 / Run 39 / 1027-1040
 (15/05/1973)

Larger 10" to 11" format prints (therefore larger scale)

HSL/UK/71/58 / Run 1 / 0776-0780 (undated)	HSL/UK/71/59 / Run 10 / 0986-0990 (undated)
HSL/UK/71/58 / Run 2 / 0793-0799 (undated)	HSL/UK/71/59 / Run 11 / 1071-1095 (undated)
HSL/UK/71/58 / Run 4 / 0837-0849 (undated)	HSL/UK/1971/66 / Run 12 / 0265-0289 (undated)
HSL/UK/71/57 / Run 5 / 0730-0746 (undated)	HSL/UK/1971/66 / Run 13 / 0296-0325 (undated)
HSL/UK/71/57 / Run 6 / 0677-0695 (undated)	HSL/UK/1971/66 / Run 14 / 0417-0447 (undated)
HSL/UK/71/57 / Run 7 / 0580-0598 (undated)	HSL/UK/71/113 / Run 15 / 4225-4246 (undated)
HSL/UK/71/57 / Run 8 / 0641-0662 (undated)	HSL/UK/71/113 / Run 15 / 4255-4272 (undated)
HSL/UK/71/85 / Run 9 / 0882-0898 (undated)	HSL/UK/71/111 / Run 17 / 0077-0107 (undated)

11. Vertical Aerial Photography: Potato Marketing Board Survey (1975)

Description

A series of vertical aerial photographs taken for the Potato Marketing Board. Frames 2858 to 3092 encompass an area of c.187 km² between Runcorn and Tarporley (North-South), and Helsby and Davenham (East-West). Frames 7415 to 7816 encompass an area c.240 km² between Wilmslow and Congleton (North-South), and Goostry and Rainow (East-West).

Source information

Survey Organisation: Cartographical Services (Southampton) Ltd.
Format: c.270 black and white photographs.
Scale: 1:7,500.

Archive information

Archive Organisation 1 (prints): Cheshire Archives and Local Studies.
Archive Organisation 1 (prints) URL: www.cheshirearchives.org.uk
Archive Organisation 2 (digital): Cheshire West and Chester Council.
Archive Organisation 2 (digital) URL: www.cheshirewestandchester.gov.uk
Archive Organisation 3 (digital): Cheshire East Council.
Archive Organisation 3 (digital) URL: www.cheshireeast.gov.uk
Copyright (prints): Cheshire County Council.
Copyright (digital): Cheshire County Council.
Historic Environment Record source reference: SCH8496

Survey Index

The survey index comprises a paper map

Survey References

(Frames (Date))
2858-3092 (07/06/1975)
7415-7816 (24/06/1975)

12. Vertical Aerial Photography: RAF Survey, South Cheshire (1976)

Description

A sequence of vertical photographs running East-West from Marbury cum Quoisley to Alsager in southern Cheshire. The survey covers an area of approximately 450 km². The photographs were taken by the RAF on behalf of the Department of the Environment.

Source information

Survey Organisation: RAF Central Photographic Establishment (CPE).

Format: c.24 black and white photographs.

Scale: c.1:20,000.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.

Archive Organisation URL: www.cheshirearchives.org.uk

Copyright: Crown copyright.

Historic Environment Record source reference: SCH8497

Survey Index

No index.

Survey References

(Sortie / Frames / Date)

39/RAF/4990 / 0105-0173 / 25/06/1976

13. Vertical Aerial Photography: Airviews County Survey (1983-1985)

Description

A partial county survey flown between July 1983 and June 1985. The survey covers Cheshire East, Halton Borough, Warrington Borough and north-western Cheshire West and Chester Borough (the former Borough of Ellesmere Port and Neston).

Source information

Survey Organisation: Airviews Ltd.

Format: 1248 colour photographs and rectified mosaic of digital images.

Scale: 1:8,000

Archive information

Archive Organisation 1 (prints): Cheshire Archives and Local Studies.

Archive Organisation 1 (prints) URL: www.cheshirearchives.org.uk

Archive Organisation 2 (digital): Bluesky International

Archive Organisation 2 (digital): URL: www.bluesky-world.com

Copyright: Cheshire County Council.

Historic Environment Record source reference: SCH5296

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number ¹
NUMBER	Frame number
DATE	Date of photograph
SCALE_OF_P	Scale of photograph
CAPTURED_B	Source organisation
Negs_at_EH	Not used
2b_Scanned	Not used

The polygon data depicts the cut lines for the individual photographs which were scanned to create the digital mosaic. This data can be used to identify individual photographs from the digital mosaic. It has the following attributes:

Attribute	Description
FILM	Not used
FRAME	Frame number
FILMFRAME	Not used
DATECAPTUR	Date of photograph
RUN	Run reference number
FLOWN_BY	Source organisation (print)
PRODUCEDBY	Source organisation (digital)

¹ Note: There is inconsistency in the use of the terms *Run* and *Line* in this data.

LENS	Camera/film type
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Survey References

The prints are organised by (former) borough.
(Run / Frames (Date))

Congleton Borough

Run 1 / 34329-34328 (-/10/1983)	Run 9 / 34469-34486 (-/10/1983)
Run 2 / 34335-34348 (-/10/1983)	Run 10 / 34487-34503 (-/10/1983)
Run 3 / 34349-34363 (-/10/1983)	Run 11 / 34504-34515 (-/10/1983)
Run 4 / 34364-34379 (-/10/1983)	Run 12 / 34518-34521 (-/10/1983)
Run 5 / 34380-34383 (-/10/1983)	Run 13 / 34522-34528 (-/10/1983)
Run 6 / 34400-34407 (-/10/1983)	Run 14 / 34529-34534 (-/10/1983)
Run 7 / 34426-34449 (-/10/1983)	Run 15 / 34535-34539 (-/10/1983)
Run 8 / 34450-34468 (-/10/1983)	

Ellesmere Port Borough

Run 2 / 30636-30641 (04/07/1983)	Run 10 / 30708-30717 (04/07/1983)
Run 3 / 30642-30653 (04/07/1983)	Run 11 / 30718-30725 (04/07/1983)
Run 4 / 30654-30665 (04/07/1983)	Run 12 / 30726-30737 (04/07/1983)
Run 4a / 31606-31616 (04/07/1983)	Run 12a / 31625-31629 (04/07/1983)
Run 5 / 30666-30675 (04/07/1983)	Run 13 / 30738-30749 (04/07/1983)
Run 5a / 31617-31623 (04/07/1983)	Run 13a / 31630-31634 (04/07/1983)
Run 6 / 30676-30683 (04/07/1983)	Run 14 / 30750-30761 (04/07/1983)
Run 7 / 30684-30690 (04/07/1983)	Run 15 / 30762-30773 (04/07/1983)
Run 8 / 30691-30697 (04/07/1983)	Run 16 / 30774-30775 (04/07/1983)
Run 9 / 30698-30707 (04/07/1983)	

Halton Borough

Run 1 / 30519-30522 (04/07/1983)	Run 8 / 30598-30606 (04/07/1983)
Run 2 / 30523-30530 (04/07/1983)	Run 8a / 31654-31662 (04/07/1983)
Run 3 / 30531-30541 (04/07/1983)	Run 8b / 31663-31671 (04/07/1983)
Run 4 / 30542-30554 (04/07/1983)	Run 9 / 31683-31693 (04/07/1983)
Run 5 / 30555-30571 (04/07/1983)	Run 9a / 31672-31682 (04/07/1983)
Run 5a / 31635-31653 (04/07/1983)	Run 9b / 30607-30616 (04/07/1983)
Run 6 / 30574-30584 (04/07/1983)	Run 10 / 30618-30628 (04/07/1983)
Run 7 / 30585-30597 (04/07/1983)	Run 11 / 30629-30635 (04/07/1983)

Macclesfield Borough

Run 1 / 41419-41428 (02/06/1985)	Run 11 / 42118-42145 (02/06/1985)
Run 1a / 41430-41435 (02/06/1985)	Run 12 / 37513-37535 (08/06/1984)
Run 2 / 41436-41461 (02/06/1985)	Run 13 / 37536-37560 (08/06/1984)
Run 3 / 41462-41478 (02/06/1985)	Run 14 / 37562-37587 (08/06/1984)
Run 4 / 41478-41501 (02/06/1985)	Run 15 / 37588-37615 (08/06/1984)
Run 5 / 41502-41521 (02/06/1985)	Run 16 / 37616-37645 (08/06/1984)
Run 6 / 41522-41540 (02/06/1985)	Run 17 / 37646-37686 (08/06/1984)
Run 7 / 41541-41561 (02/06/1985)	Run 18 / 37687-37717 (08/06/1984)
Run 8 / 42047-42072 (02/06/1985)	Run 23 / 44193-44221 (08/06/1984)
Run 9 / 42073-42092 (02/06/1985)	Run 24 / 44183-44181 (08/06/1984)
Run 10 / 42093-42117 (02/06/1985)	

Warrington Borough

Run 1 / 32169-32175 (-/08/1983)
Run 2 / 32176-32189 (-/08/1983)
Run 3 / 32190-32204 (-/08/1983)
Run 4 / 32205-32219 (-/08/1983)
Run 5 / 32220-32239 (-/08/1983)
Run 6 / 32241-32254 (-/08/1983)
Run 7 / 32255-32277 (-/08/1983)

Run 8 / 32278-32300 (-/08/1983)
Run 9 / 32301-32323 (-/08/1983)
Run 10 / 32324-32342 (-/08/1983)
Run 11 / 32343-32355 (-/08/1983)
Run 12 / 32357-32367 (-/08/1983)
Run 13 / 32368 (-/08/1983)

14. Vertical Aerial Photography: Story and Partners Survey County Survey (1985)

Description

A partial county survey flown on the 30th and 31st of May 1985. The survey covers most of Cheshire West and Chester Borough and part of Cheshire East Borough (the former Borough of Crewe and Nantwich).

Source information

Survey Organisation: JA Story and Partners.

Format: 1017 colour photographs and rectified mosaic of digital images.

Scale: 1:10,000.

Archive information

Archive Organisation 1 (prints): Cheshire Archives and Local Studies.

Archive Organisation 1 (prints) URL: www.cheshirearchives.org.uk

Archive Organisation 2 (digital): Bluesky International

Archive Organisation 2 (digital): URL: www.bluesky-world.com

Copyright: Cheshire County Council.

Historic Environment Record source reference: SCH2993

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number
NUMBER	Frame number
DATE	Date of photograph
PHOTOSCALE	Scale of photograph
CAPTUREDBY	Source organisation
Comments	Comments on quality and accuracy

The polygon data depicts the cut lines for the individual photographs which were scanned to create the digital mosaic. This data can be used to identify individual photographs from the digital mosaic. It has the following attributes:

Attribute	Description
FILM	Film number
FRAME	Frame number
FILMFRAME	Combined film and frame reference
DATECAPTUR	Date of photograph
RUN	Run reference number
FLOWN_BY	Source organisation (print)
PRODUCEDBY	Source organisation (digital)
LENS	Camera/film type

Survey References

(Run / Frames (Date))

- | | |
|---|--|
| Run 1 / 2585-104 - 2585-110 (30/05/1985) | Run 16 / 2785-185 – 2785-224 (30/05/1985) |
| Run 2 / 2585-111 – 2585-128 (30/05/1985) | Run 17 / 2885-014 – 2885-054 (30/05/1985) |
| Run 3 / 2585-135 – 2585-154 (30/05/1985) | Run 18 / 2885-056 – 2885-101 (30/05/1985) |
| Run 4 / 2585-155 – 2585-175 (30/05/1985) | Run 19 / 2885-105 – 2885-150 (30/05/1985) |
| Run 5 / 2585-181 – 2585-201 (30/05/1985) | Run 20 / 2885-151 – 2885-196 (30/05/1985) |
| Run 6 / 2685-007 – 2685-031 (30/05/1985) | Run 21 / 2985-002 – 2985-039 (30-31/05/1985) |
| Run 7 / 2685-035 – 2685-067 (30/05/1985) | Run 22 / 2985-050 – 2985-096 (30-31/05/1985) |
| Run 8 / 2685-068 – 2685-103 (30/05/1985) | Run 23 / 2985-101 - 2985-147 (30/05/1985) |
| Run 9 / 2685-108 – 2685-143 (30/05/1985) | Run 24 / 2985-149 – 2985-188 (30/05/1985) |
| Run 10 / 2685-144 – 2685-181 (30/05/1985) | Run 25 / 3085-006 – 2985-218 (30-31/05/1985) |
| Run 11 / 2685-186 – 2685-226 (30/05/1985) | Run 26 / 3085-019 – 3085-053 (31/05/1985) |
| Run 12 / 2785-008 – 2785-050 (30/05/1985) | Run 27 / 3085-058 – 3085-110 (31/05/1985) |
| Run 13 / 2785-005 – 2785-096 (30/05/1985) | Run 28 / 3085-111 – 3085-093 (31/05/1985) |
| Run 14 / 2785-097 – 2785-138 (30/05/1985) | Run 29 / 3185-016 – 3185-033 (31/05/1985) |
| Run 15 / 2785-144 – 2785-184 (30/05/1985) | Run 30 / 3185-035 – 3185-040 (31/05/1985) |

15. Vertical Aerial Photography: Mersey Barrage Feasibility Survey (1991)

Description

A survey flown on the 13/08/1991 for the Mersey Barrage Feasibility study. The survey covers the Mersey Estuary from Penketh to Birkenhead.

Source information

Survey Organisation: Geonex International Corporation Ltd.

Format: c.90 colour photographs.

Scale: 1:10,000.

Archive information

Archive Organisation: Cheshire Archives and Local Studies.

Archive Organisation URL: www.cheshirearchives.org.uk

Copyright: Mersey Basin Campaign.

Historic Environment Record source reference: SCH8500

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number
NUMBER	Frame number
DATE	Date of photograph
SCALE_OF_P	Scale of photograph
CAPTURED_B	Source organisation

Survey References

None recorded.

16. Vertical Aerial Photography: Treales to Warrington Survey (1992)

Description

Part of a slightly larger survey located between Leigh, Wigan and Coppill and flown on the 11th of February 1992. These ten photo's cover a north-south run from Glazebury to Rixton.

Source information

Survey Organisation: B.K.S. Surveys Ltd.
Format: 10 black and white photographs.
Scale: 1:10,000.

Archive information

Archive Organisation 1: Cheshire Archives and Local Studies.
Archive Organisation 1 URL: www.cheshirearchives.org.uk
Archive Organisation 2: Fugro-BKS Ltd.
Archive Organisation 2 URL: <http://fugro.co.uk/>
Copyright: Unknown.

Historic Environment Record source reference: SCH8502

Survey Index

The survey index comprises a paper map.

Survey References

(Film / Frames)
03/226-236.

17. Vertical Aerial Photography: National Remote Sensing Centre County Survey (1992-1993)

Description

A vertical aerial survey of the ceremonial county of Cheshire. It was undertaken at a scale of 1:10,000. Complete coverage for Cheshire West and Chester, Halton Borough, Warrington Borough and Cheshire East.

Source information

Survey Organisation: Geonex International Corporation Ltd.
 Format: 1454 colour photographs and rectified mosaic of digital images.
 Scale: 1:10,000.

Archive information

Archive Organisation 1 (prints): Cheshire Archives and Local Studies.
 Archive Organisation 1 (prints) URL: www.cheshirearchives.org.uk
 Archive Organisation 2 (digital): Bluesky International
 Archive Organisation 2 (digital) URL: www.bluesky-world.com
 Copyright: Cheshire County Council.

Historic Environment Record source reference: SCH5297

Survey Index

The survey index comprises a paper map and GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the approximate centre point for each photograph held by Cheshire Archives and Local Studies. It has the following attributes:

Attribute	Description
ID	Not used
LINE	Run reference number
NUMBER	Frame number
DATE	Date of photograph
SCALE_OF_P	Scale of photograph
CAPTURED_B	Source organisation
Comments	Comments on quality and accuracy

The polygon data depicts the cut lines for the individual photographs which were scanned to create the digital mosaic. This data can be used to identify individual photographs from the digital mosaic. It has the following attributes:

Attribute	Description
FILM	Film number
FRAME	Frame number
FILMFRAME	Combined film and frame reference
DATECAPTUR	Date of photograph
RUN	Run reference number ²
FLOWN_BY	Source organisation (print)
PRODUCEDBY	Source organisation (digital)

² The run numbers are absent.

LENS	Camera/film type
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Survey References

(Run / Frames (Date))

Line 1 / 6293-007 – 6293-011 (06/06/1993)	Line 21 / 93 93/187 – 93 93-248 (26/08/1993)
Line 2 / 6293-017 – 6293-024 (06/06/1993)	Line 21 / 122 93-249 – 122 93-273 (22/10/1993)
Line 3 / 6293-030 – 6293-038 (06/06/1993)	Line 22 / 99 93-118 – 99 93-182 (26/08/1993)
Line 4 / 6393-046 – 6393-054 (06/06/1993)	Line 23 / 122 93-184 – 122 93-244 (22/10/1993)
Line 5 / 6293-057 – 6293-076 (06/06/1993)	Line 24 / 93 93-006 – 93 93-135 (26/08/1993)
Line 6 / 6293-079 – 6293-098 (06/06/1993)	Line 25 / 172 92-126 – 172 92-177 (31/10/1992)
Line 7 / 6293-108 – 6293-130 (06/06/1993)	Line 26 / 122 93-143 – 122 93-218 (22/10/1993)
Line 8 / 6293-134 – 6293-158 (06/06/1993)	Line 27 / 172 92-221 – 172 92-261 (31/10/1992)
Line 9 / 6293-168 – 6293-200 (06/06/1993)	Line 28 / 177 92-001 – 177 92-023 (31/10/1992)
Line 10 / 131 93-055 – 131 93-059 (22/10/1993)	Line 28 / 172 92-263 - 172 92-275 (31/10/1992)
Line 10 / 6293-201 – 6293-240 (06/06/1993)	Line 29 / 177 92-024 – 177 92-062 (31/10/1992)
Line 11 / 88 93-002 – 88 93-094 (14/08/1993)	Line 30 / 177 92-064 – 177 92-098 (31/10/1992)
Line 12 / 88 93/-044 – 88 93-089 (14/08/1993)	Line 31 / 177 92-101 – 177 92-136 (31/10/1992)
Line 13 / 88 93-100 – 88 93-146 (31/08/1993)	Line 32 / 177 92-140 – 177 92-170 (31/10/1992)
Line 14 / 106 93-051 – 106 93-097 (31/08/1993)	Line 33 / 177 92-185 – 177 92-211 (31/10/1992)
Line 15 / 106 93-044 – 106 93-045 (31/08/1993)	Line 34 / 177 92-215 – 177 92-241 (31/10/1993)
Line 16 / 101 93-223 – 101 93-273 (31/08/1993)	Line 35 / 177 92-245 – 177 92-272 (31/10/1992)
Line 16 / 131 93-67 - 131 93-077 (22/10/1993)	Line 36 / 173 92-013 – 173 92-027 (31/10/1992)
Line 17 / 101 93-172 – 101 93-220 (31/08/1993)	Line 36 / 122 93-120 – 122 93-132 (22/10/1993)
Line 18 / 101 93-121 – 101 93-168 (31/08/1993)	Line 37 / 173 92-030 – 173 92-054 (31/10/1992)
Line 19 / 101 93-063 – 101 93-118 (31/08/1993)	Line 38 / 173 92-058 – 173 92-080 (31/10/1992)
Line 20 / 131 93-017 – 101 93-062 (22/10/1993)	Line 39 / 173 92-082 – 173 92-102 (31/10/1992)

18. Vertical Aerial Photography: ADAS Survey (1993)

Description

A sequence of vertical photographs covering an area from Mickle Trafford, via Tarporley and Cholmondeston, to Elworth.

Source information

Survey Organisation: ADAS UK Ltd.

Format: c.41 black and white photographs.

Scale: Unknown.

Archive information

Archive Organisation 1: Cheshire Archives and Local Studies.

Archive Organisation 1 URL: www.cheshirearchives.org.uk

Archive Organisation 2: ADAS UK Ltd.

Archive Organisation 2 URL: www.adas.uk

Copyright: Unknown.

Historic Environment Record source reference: SCH8507.

Survey Index

None recorded.

19. Vertical Aerial Imagery: Get Mapping Millennium National Survey (1999-2001)

Description

A country wide digital vertical aerial survey. Data is held covering Cheshire East Borough and Cheshire West and Chester Borough.

Source information

Survey Organisation: Geoinformation Group.

Format: Rectified mosaic of digital images.

Resolution: 25cm (c.1:10,000).

Archive information

Archive Organisation 1: Geoinformation Group.

Archive Organisation 1: URL: www.getmapping.com

Archive Organisation 2: Cheshire West and Chester Council.

Archive Organisation 2 URL: www.cheshirewestandchester.gov.uk

Archive Organisation 3: Cheshire East Council.

Archive Organisation 3 URL: www.cheshireeast.gov.uk

Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH4609

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each original image. It has the following attributes:

Attribute	Description
FILM_NO_	Film number
FRAME_NO_	Frame number
DATE	Date of photograph
TIME	Unknown
AREA	Source organisation
RUN_NO	Run reference number
WAY_PT	GPS waypoint reference
ALTITUDE	Altitude

20. Vertical Aerial Imagery: Bluesky International Survey (1999-2003)

Description

Digital vertical aerial survey. Data is held covering Cheshire East Borough and Cheshire West and Chester Borough.

Source information

Survey Organisation: Bluesky International.

Format: Rectified mosaic of digital images.

Resolution: 25cm (c.1:10,000).

Archive information

Archive Organisation 1: Bluesky International Limited.

Archive Organisation 1: URL: www.bluesky-world.com

Archive Organisation 2: Cheshire West and Chester Council.

Archive Organisation 2 URL: www.cheshirewestandchester.gov.uk

Archive Organisation 3: Cheshire East Council.

Archive Organisation 3 URL: www.cheshireeast.gov.uk

Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH5482

Survey Index

The survey index comprises one GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate centre point for each original image captured. It has the following attributes:

Attribute	Description
AREA	Area
IMAGE_ID	Image reference number
Captured	Date of image capture

21. Vertical Aerial Imagery: Geoinformation Merseyside Survey (2005-6)

Description

A vertical aerial survey covering the Merseyside and some adjacent authorities. Data is held for Halton Borough.

Source information

Survey Organisation: Geoinformation Group.

Format: Rectified mosaic of digital images.

Resolution: 12.5cm (c.1:5000).

Archive information

Archive Organisation 1: Geoinformation Group.

Archive Organisation 1: URL: www.getmapping.com

Archive Organisation 2: Cheshire Archaeology Planning Advisory Service.

Archive Organisation 2 URL: <http://www.cheshirearchaeology.org.uk/>

Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH7839

Survey Index

None recorded.

22. Vertical Aerial Imagery: Bluesky International Survey (2005-6)

Description

Digital vertical aerial survey. Data is held covering Cheshire East Borough and Cheshire West and Chester Borough.

Source information

Survey Organisation: Bluesky International.

Format: Rectified mosaic of digital images.

Resolution: 25cm (c.1:10,000).

Archive information

Archive Organisation 1: Bluesky International Limited.

Archive Organisation 1: URL: www.bluesky-world.com

Archive Organisation 2: Cheshire West and Chester Council.

Archive Organisation 2 URL: www.cheshirewestandchester.gov.uk

Archive Organisation 3: Cheshire East Council.

Archive Organisation 3 URL: www.cheshireeast.gov.uk

Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH5483

Survey Index

The survey index comprises two GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the approximate centre point for each original image captured in 2005. It has the following attributes:

Attribute	Description
AREA	Area
IMAGE_ID	Image reference number
Captured	Date of image capture

The point data depicts the approximate coverage for each original stereo pair of images captured in 2006. It has the following attributes:

Attribute	Description
AREA	Area
STEREOPAIR	Image reference number
Captured	Date of image capture

23. Vertical Aerial Imagery: Bluesky International Survey (2010)

Description

Digital vertical aerial survey flown in early autumn to benefit from shadows associated with earthworks. Data is held covering Cheshire East Borough and Cheshire West and Chester Borough.

Source information

Survey Organisation: Bluesky International.
Format: Rectified mosaic of digital images.
Resolution: 12.5cm (c.1:5000).

Archive information

Archive Organisation 1: Bluesky International Limited.
Archive Organisation 1: URL: www.bluesky-world.com
Archive Organisation 2: Cheshire West and Chester Council.
Archive Organisation 2 URL: www.cheshirewestandchester.gov.uk
Archive Organisation 3: Cheshire East Council.
Archive Organisation 3 URL: www.cheshireeast.gov.uk
Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH8848

Survey Index

The survey index comprises two GIS datasets. The spatial information is held as vector data: point and polygon. The point data depicts the centre point for each original image. It has the following attributes:

Attribute	Description
IMAGE_ID	Image reference number
DATE_FLOWN	Date of image capture

The polygon data depicts the cut lines for the individual images used create the digital mosaic. This data can be used to identify individual images from the digital mosaic. It has the following attributes:

Attribute	Description
Area	Area
Image_ID	Image reference number
Date_Captu	Date of image capture

24. Vertical Aerial Imagery: Aerial Photography for Great Britain Survey 2015-2017

Description

Digital vertical aerial survey covering Cheshire East Borough and Cheshire West and Chester Borough. Aerial Photography for Great Britain (APGB) is captured nationally on a three-year cycle for HM Government.

Note: The data encompasses a greater range of dates than is apparent from the title. Capture dates range from 2009 to 2017. Coverage between the 25cm and 12.5cm versions of the product are not identical and, in places, the 12.5cm survey uses data from the 25cm survey. In these instances, the metadata is often blank.

Source information

Survey Organisation: Bluesky International.

Format: Rectified mosaic of digital images.

Resolution: 25cm (c.1:10,000) & 12.5cm (c.1:5000).

Archive information

Archive Organisation 1: Bluesky International Limited.

Archive Organisation 1: URL: www.bluesky-world.com

Archive Organisation 2: Cheshire West and Chester Council.

Archive Organisation 2 URL: www.cheshirewestandchester.gov.uk

Archive Organisation 3: Cheshire East Council.

Archive Organisation 3 URL: www.cheshireeast.gov.uk

Copyright: Geoinformation Group.

Historic Environment Record source reference: SCH5444

Survey Index

The survey index comprises two GIS datasets, one for each resolution. The spatial information is held as vector data: polygon. The polygon data depicts depicting individual 1km grid squares. This data can be used to identify individual images from the digital mosaic. It has the following attributes:

Attribute	Description
PLAN_NO	1km grid square reference
Copyright	Copyright holder
DateFlown	Date of image capture
Coordinates	OS national grid co-ordinates for 1km grid square
LensFocalLength	Lens focal length
CameraType	Type of camera
Resolution	Resolution in metres
NominalFlyingHeight	Flying height of aircraft
FileSize	Image file size in MB
Control	Method of locating
Accuracy	Accuracy of location
CreatedBy	Creator
CorrectionType	Method of rectification
DateOfCompletion	Date of rectified image creation

25. Archaeological Oblique Aerial Surveys: Reece Williams

Description

Aerial reconnaissance in Cheshire undertaken by Reece Williams in the 1980s.

Source information

Survey Organisation: Reece Williams.

Format: 35mm colour positive slides and scanned images

Archive information

Archive Organisation: Cheshire Archaeology Planning Advisory Service.

Archive Organisation URL: <http://www.cheshirearchaeology.org.uk/>

Copyright: Reece Williams.

Historic Environment Record source reference: SCH4607

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate position of the subjects of the photographs. It has the following attributes:

Attribute	Description
SOURCEREF1	CHER reference number i.e. 3.1744
SOURCEREF2	
PRN	CHER number i.e. 1945/1
RN2	
RN3	
FILMNO1	Professor Emeritus Nick Higham (NJH) or Cambridge University Collection of Aerial Photography (CUCAP) reference.
FILMNO2	
FILMNO3	
FILMNO4	
INDEXNO1	Other or supplementary references.
INDEXNO2	
INDEXNO3	
SITE_NAME	Site name.
DATE_	Date photograph taken (day/month/year).
DATE1	
DATE2	
SOURCE	Collection: CPAT (Clwyd Powys Archaeological Trust), CUCAP (Cambridge University Collection of Aerial Photography), JC (Dr Jill Collens), NJH (Professor Emeritus Nick Higham), RAP (Dr Robert Philpott), SRW (Reece Williams)
COMMENTS1	Comments on subject, view etc.
COMMENTS2	
COMMENTS3	

26. Archaeological Oblique Aerial Surveys: Professor Emeritus Nick Higham

Description

Aerial reconnaissance in Cheshire undertaken by Professor Emeritus Nick Higham.

Source information

Survey Organisation: Professor Emeritus Nick Higham.

Format: black and white photographs and scanned images

Archive information

Archive Organisation: Cheshire Archaeology Planning Advisory Service.

Archive Organisation URL: <http://www.cheshirearchaeology.org.uk/>

Copyright: Professor Emeritus Nick Higham.

Historic Environment Record source reference: SCH7659

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate position of the subjects of the photographs. It has the following attributes:

Attribute	Description
SOURCEREF1	CHER reference number i.e. 3.1744
SOURCEREF2	
PRN	CHER number i.e. 1945/1
RN2	
RN3	
FILMNO1	Professor Emeritus Nick Higham (NJH) or Cambridge University Collection of Aerial Photography (CUCAP) reference.
FILMNO2	
FILMNO3	
FILMNO4	
INDEXNO1	Other or supplementary references.
INDEXNO2	
INDEXNO3	
SITE_NAME	Site name.
DATE_	Date photograph taken (day/month/year).
DATE1	
DATE2	
SOURCE	Collection: CPAT (Clwyd Powys Archaeological Trust), CUCAP (Cambridge University Collection of Aerial Photography), JC (Dr Jill Collens), NJH (Professor Emeritus Nick Higham), RAP (Dr Robert Philpott), SRW (Reece Williams)
COMMENTS1	Comments on subject, view etc.
COMMENTS2	
COMMENTS3	

27. Archaeological Oblique Aerial Surveys: Dr Jill Collens and Dr Robert Philpott

Description

Aerial reconnaissance in Cheshire undertaken by Dr Jill Collens and Dr Robert Philpott.

Source information

Survey Organisation: Dr Jill Collens and Dr Robert Philpott.

Format: 35mm colour positive slides, black and white photographs and scanned images

Archive information

Archive Organisation: Cheshire Archaeology Planning Advisory Service.

Archive Organisation URL: <http://www.cheshirearchaeology.org.uk/>

Copyright: Dr Jill Collens and Dr Robert Philpott.

Historic Environment Record source reference: SCH5403

Survey Index

The survey index comprises a GIS dataset. The spatial information is held as vector data: point. The point data depicts the approximate position of the subjects of the photographs. It has the following attributes:

Attribute	Description
SOURCEREF1	CHER reference number i.e. 3.1744
SOURCEREF2	
PRN	CHER number i.e. 1945/1
RN2	
RN3	
FILMNO1	Professor Emeritus Nick Higham (NJH) or Cambridge University Collection of Aerial Photography (CUCAP) reference.
FILMNO2	
FILMNO3	
FILMNO4	
INDEXNO1	Other or supplementary references.
INDEXNO2	
INDEXNO3	
SITE_NAME	Site name.
DATE_	Date photograph taken (day/month/year).
DATE1	
DATE2	
SOURCE	Collection: CPAT (Clwyd Powys Archaeological Trust), CUCAP (Cambridge University Collection of Aerial Photography), JC (Dr Jill Collens), NJH (Professor Emeritus Nick Higham), RAP (Dr Robert Philpott), SRW (Reece Williams)
COMMENTS1	Comments on subject, view etc.
COMMENTS2	
COMMENTS3	

28. LIDAR Surveys: Cheshire Sandstone Ridge Survey (2010)

Description

Airborne survey data acquired and processed for approximately 200 km² area of the mid Cheshire Sandstone Ridge for the Habitats and Hillforts Heritage Lottery Fund project.

Source information

Survey Organisation: Infoterra Ltd.

Format: DEM and DTM data is available as ascii (XYZ and grid), ESRI Imagine formats and Quick Terrain .las files. Intensity data is available as georeferenced tifs.

Resolution: 50cm

Archive information

Archive Organisation 1: Cheshire Archaeology Planning Advisory Service.

Archive Organisation 1 URL: <http://www.cheshirearchaeology.org.uk/>

Archive Organisation 1: Infoterra Ltd.

Archive Organisation 1 URL: www.geo-airbusds.com

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Historic Environment Record source reference: SCH7194

Survey Index

None recorded.