HAMPShIRE AND THE ISLE OF WIGHT

Hampshire. A county of England, lying on the English Channel, bounded by Dorsetshire, Wiltsire, Berkshire, Surrey and Sussex. It extends, exclusively of the Isle of Wight, 42 miles in length, and 38 in breadth. It is divided into 59 hundreds, which contain 1 city, 20 market towns, 253 parishes and 1062 villages.

Isle of Wight. An island belonging to Hampshire, and separated from it by a narrow channel called the Solent Sea. It is about 20 miles long and 12 broad.

Winchester. It stands on the Itchen, and has six parish churches, besides the cathedral, which is a large and beautiful structure, and in which are interred several Saxon kings and queens.

Portsmouth. The churches and chapels are fine buildings.

Bournemouth and adjacent areas are now in Dorset.

Blackmoor [SU7733]
ST MATTHEW
Heating by *
[] BE/H, 110: JB, 240

Bournemouth [Dorset SZ0890]
ST CLEMENT
St Clement’s Road, Boscombe
Built 1871-3, tower 1890-5, John Denne Sedding
The first vicar, the Rev G D Titting trained as an architect under Scott and was married to Sedding’s sister.
Heating by *
[] BE/H, 121-2: JB, 240

ST MICHAEL
Poole Road
Built 1873-6, Richard Normen Shaw
Tower 1900-1, John Oldrid Scott
Ventilation by G Kite & Co. London, prob. 1901
[] BE/H, 124: JB, 240: Kite

St Peter
Hinton Road
George Edmund Street, who retained parts of the earlier extensions of 1851 by Edward Pearce, which had been added to original church. 1841-3, of John Fulsch, Wimborne. Described as one of the richest Gothic Revival interiors in England.
It was designed to accommodate 1200 when the population of Bournemouth was only 2000.
Heating by *
[] BE/H, 118-20: JB, 240: Jenkins, 148-9: TBL 1870/1027 (Ve)

ST STEPHEN
St Stephen’s Road
Built 1881-98, John Laughborough Pearson
The tower of 1907-8 being supervised by his son, F.L. Pearson. Considered by both Pearson and Bentham to be the finest church in Bournemouth.
Heating by *
[] BE/H, 125: JB, 240

Christchurch [Dorset SZ1592]
PRIORY CHURCH (HOLY TRINITY)
Norman, remodelled 1819-20 by W Garbett and 1845-6 & 62 by Benjamin Ferrey
Described as the best medieval church in Dorset, and the longest parish church in the country.
Heating by The London Warming & Ventilating Co Ltd, London. Four Garbett warm air stoves, installed c.1890, stoves removed 1973
(BMR 19999).

Newtown [Borough SU4761]
ST MARY THE VIRGIN AND ST JOHN THE BAPTIST
Near Bursledon
Built 1864-5, Henry Woodyer
Heating by *
[] BE/H, 354: JB, 245

Portsmouth [SU6400]
CATHEDRAL AND PARISH CHURCH OF ST THOMAS OF CANTERBURY
From 1320 the parish church, cathedral from 1297. Enlarged 1535-9, Sir Charles Nicholson.
The lantern on top is said to have guided ships into the harbour since 1701.
Heating by *
CATHEDRAL CHURCH OF ST JOHN
EVANGELIST (RC)
Edinburgh Road
Built 1877-82 by John Crowley, additions 1886 & 92 by Joseph Stanislaus Hanson. Repaired after 1941 bomb damage.
Heating by *

BISHOP'S HOUSE (PALACE)(RC)
Built 1883 by John Crook, Southampton, John Crowley and Joseph Stanislaus Hanson.
Restored after bomb damage.
Heating by John Metcalf, Preston.
Warmly by fire-grates, 1883; then Metcalf's low pressure hot water heating.
Note: Metcalf is not listed in TBI ref, so heating may have been installed later. Burnam, Bishops & Barnard is listed as fire grate supplier. Also listed under ventilation is Sheringham.

ST MARY
Froton Road, Kingston, Portsmouth
Was the parish church for Portsmouth until C14 which was replaced 1843. T E Over. New church built 1889, Sir Arthur William Blomfield
Heating by *

WINCHESTER [SU4829]
CATHEDRAL CHURCH OF THE HOLY TRINITY, ST PETER, ST PAUL AND ST SWITHIN
Built: 1079-1235 with remodelling up to C16. Restorations include 1821-28 Garnett, 1874-91 Colson (£40,000) and 1906-10 Jackson (£100,000), including the complete underpinning of the foundations with concrete. Externally, at 536 feet, the longest cathedral in Europe
Heating by Gurney warm air stoves by The London Warming & Ventilating Co Ltd

ISLE OF WIGHT

NEWPORT [SZ4989]
ST THOMAS
Built 1854-5, S W Davoks, Cheltenham, a large town church. Heating: There is a wall plaque which reads, "The First Heating of This Church Erected by William Ellis, High Street, Newport, Isle of Wight, August 1875." [FJE 2001]

RYDE [S5992]
ALL SAINTS
Town centre
Built 1869-72, Sir George Gilbert Scott with steeple added in 1881-2 and vestry in 1891.
Heating by *

VENTOR [SZ5677]
HOLY TRINITY
Built 1866-72 by C E Giles, Taunton, no doubt the Haden connection. A wall plaque states the church was opened in 1866, the first church in Ventor.
This original heating system, though disused, is remarkably still intact. The original Haden stove is in a basement room, still in its brickwork housing and complete with fire bars. Even the stoking tools are there. Though rusty, the doors are still operable. The rest of the warm air installation is intact. All the builders work air ducts and iron floor gratings are just as they were when first constructed. The Haden Order Book shows the stove to have been No 1007 of 1866. [FJE 2001]

WHIPPINGHAM [SZ3193]
ST MILDRED
Built 1854-62 by George Smith, Pimlico, London. Albert Jenkins Hambirt, Fitzroy Square, London (architect of Sandringham) with Prince Albert. This was the Parish Church for Osborne House, residence of Queen Victoria.
Heating by Price & Co, Bristol. Almost certainly low pressure hot water heating since Price was a pioneer and leading exponent of same.
[1] BE/H, 774: Carl VC, 57-9: JB, 251:
TBL 1861/823 (Ve)

YARMOUTH [SZ3189]
ST JAMES, APOSTLE AND MARTYR
Built 1629, tower 1831, Daniel Ansher Alexander
Heating by *
HAMPshire AND the jISLe OF Wight

CHRISTCHURCH PRIORY CHURCH
HOLY TRINITY
Heated by four Gurney warm air stoves by The London Warming & Ventilating Co Ltd
ROMSEY ABBEY
Heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[Memories of Hampshire, G E Jeans (Ed), 1986]
VENTNOR, IoW
HOLY TRINITY
Heated by Haden warm air stove No.1907 size 2, 19 January 1860
[Photograph: Frank Ferris]
WINCHESTER CATHEDRAL
CATHEDRAL CHURCH OF THE HOLY TRINITY, ST PETER,
ST PAUL AND ST SWITHIN
Heating by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[Cathedrals & Abbeys of England & Wales, 1891, p.83]
HEREFORDSHIRE

Herefordshire. A county of England, lying next to Wales, and bounded by Shropshire, Gloucestershire, Worcestershire, and Monmouthshire. It extends about 38 miles from north to south, and 33 from east to west. It is divided into 11 hundreds, which contain 1 city, 6 market towns, 176 parishes, and 391 villages.

Hereford. It is a large place and had six parish churches, but two of them were demolished in the civil wars... it is a bishop's see, and the cathedral is a handsome structure.

New Hereford & Worcestershire

EASTNOR [Hereford & Worcester SO7237]
ST JOHN BAPTIST
Built: 1852, Sir George Gilbert Scott with C14 west tower
Heating by *
[] BE/HF, 223-3, JB, 258

EDVIN LOACH [Hereford & Worcester SO6658]
ST MARY THE VIRGIN
Built: 1859, Sir George Gilbert Scott
Heating by *
[] BE/HF, 126, JB, 258

HEREFORD [Hereford & Worcester SO5129]
CATHEDRAL OF OUR LADY AND ST ETHELBERT
Built 1107-50, dedicated to St Mary the Virgin and St Ethelbert the King
Reconstruction 1856-62 by Sir George Gilbert Scott with W front by John Oldrid Scott
[The Bishops' Great Hall, late C12, in the nearby Bishops' Palace has one of the oldest timber secular structures in England.]
Heating by 4 of the largest size of Gurney warm air stoves installed by Bennett & Brown, Hereford, their tender of 25 June 1867 for £240 being successful. On 2 November 1931, a further secondhand Gurney stove was purchased for £25 from St Asaph's Cathedral in Wales. The Gurney stoves were coal-fired until 1989, using 1.5 tons of coal per week. In April 1989, they were converted to gas. [FIF2001].
[] BE/HF, 146-173 (P); CA, 285-9 (P); CAEW, 124-30 (2nd V); Clifton-Taylor, 269 (P); Cormack, 46-9: TB, 1870-746 (3V)

MONKLAND [Hereford & Worcester SO4557]
ALL SAINTS
From C13, rebuilt 1856 by George Edmund Street
Heating by *
[] BE/HF, 254: JB, 260

KILFECK [Hereford & Worcester SO4436]
ST MARY AND ST DAVID
Regarded by many as England's most perfect Norman church.
Restored 1848, Lewis Cottingham
Heating by *
[] BE/HF, 211-3: JB, 259: Jenkins, 270

LEDBURY [Hereford & Worcester SO7137]
ST MICHAEL AND ALL ANGELS
Dates from Norman times. Described by Peavey as the premier parish church of Herefordshire.
Heating by *

LEOMINSTER [Hereford & Worcester SO4959]
PRIORY OF ST PETER AND ST PAUL
Originally Norman, gutted by fire in 1609, and rebuilt.
Heating by *
[] BE/HF, 223-7: JB, 269: Jenkins, 272

SHOBDON [Hereford & Worcester SO4062]
ST JOHN THE EVANGELIST
Built 1752-6, a Georgian Gothic Revival church, The Hon Richard Bateman, a friend of Horace Walpole. The S transept was the Bateman family pew and has a large fireplace.
Heating by *
[] BE/HF, 287-8: JB, 262: Jenkins, 277
HEREFORDSHIRE

HEREFORD CATHEDRAL
CATHEDRAL OF OUR LADY AND ST ETHELBERT
Heated by four large coal-fired Gurney warm air stoves installed by Bennett & Brown in 1867 for £250
[The Cathedral Churches of England, 1925]
HERTFORDSHIRE

A county of England, bounded by Middlesex, Essex, Cambridgeshire, Bedfordshire, and Buckinghamshire. It is about 35 miles long, and 25 broad. It is divided into 8 hundreds, and contains 2 boroughs and 12 market towns.

AYOT ST PETER [TL2115]
ST PETER
Built 1874-7, J P Seddon, red, blue & white brick decoration and stone dressings, interior in Arts and Crafts style. Heating by *
[BE/HE, SL: JB, 266-7; Jenkins, 283]

BAYFORD [TL3108]
ST MARY
Built 1870-1, Henry Woodyer replaced building of 1804 on a medieval site
Heating by *
[BE/HE, 90 & 459; JB, 267]

HITCHIN [TL1829]
HOLY SAVIOUR
Radcliffe Road
Built 1863-5, William Butterfield, and described by Pevsner as a full-blooded example of his style
Heating by *
[BE/HE, 199-200, JB, 269]

LANGLEYBURY [TL0301]
ST PAUL
Hunters Bridge
Built 1863-4, Henry Woodyer and described as ambitious for so small a parish
Heating by *
[BE/HE, 212: JB, 269]

NORTHAW [TL2702]
ST THOMAS A BECKET
Heating by Perkin's high pressure hot water system which is still in use. The boiler has 4 independent circuits which now operate at about 250 °F. There are 3 hot water coil-banks in the church itself. [EIJE, 2001]

ST ALBANS [TL1497]
CATHEDRAL AND ABBEY CHURCH OF
ST ALBAN
Norman, dates back to 1077, became a cathedral 1187. Some restoration 1871-2 by Sir George Gilbert Scott but W front from 1879 by Lord Grimthorpe at his own expense (said to be £1,300,000)
Note: John Robert Keil, 1902-83, was a partner in the first of consultants Oscar Faber. He wrote (1936 with Faber) the standard textbook "Heating & Air Conditioning of Buildings," was President [IHE, 1952], awarded IHVE Gold Medal (1967), associated with the Abbey Church at St Albans for many years. Keil has the unusual distinction of having his bust, carved in stone, among the roof garlands [IHE, April 1980, 56]
[BE/HE, 293-132 (P): CA: 191-3 (P): CAEW, 169-77 (2Ve, 2 Vl); CE/S, 245-61 (P): Cormack, 121-3; Clifton-Taylor, 272 (P); Faber, 35: SIHVE; TBL185/217-8, (P), 5D/S]

WATERFORD [TL3114]
ST MICHAEL
Built 1871-2, Henry Woodyer for Robert Abel Smith, a wealthy banker, stands at the entrance to Goldings his mansion and estate.
[BE/HE, 383-4: Goldings, 147]: JB, 271

WATFORD [TQ1196]
HOLY ROOD (EC)
Market Street
Built 1883-90, John Francis Bentley, architect for Westminster RC Cathedral. Electric light fittings are Art Nouveau, installed 1899.
Heating by *
[BE/HE, 286-7: Jenkins, 287]
HERTFORDSHIRE

ST ALBANS CATHEDRAL
CATHEDRAL AND ABBEY CHURCH OF ST ALBAN
[Postcard]
KILMORE CATHEDRAL
Heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
IRELAND

LONDONDERRY CATHEDRAL
ST COLOMB
Heated by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
KENT

A county of the south of England, washed by the English Channel, the Straits of Dover, and the German Ocean; and bounded by Surrey, Sussex, Essex and Middlesex. It is about 58 miles in length, and 35 in breadth. It is divided into 5 lathes, under each of which are several hundreds, which contain 2 cities, 39 market towns, 408 parish churches, and 1180 villages.

Some areas are now in Greater London

BLACKHEATH [Greater London TQ3875]
ST MICHAEL AND ALL ANGELS
Blackheath Park
Built 1828-30, George Smith. Church cost £4000, the 172 feet spire is known locally as the Kentish Needle.
Ventilation by Robert Boyle & Son Ltd. London.
Boyle’s patent self-acting Air-Pump ventilator. Ventilators installed before 1900.
A testimonial by the Rev Baring E. Gould (Incumbent) reads, “I beg to say that the ‘Air-Pump’ Ventilators which you supplied for our Church are thoroughly effective. At the close of a Sunday evening service the atmosphere of the Church used sometimes to be positively pestilential, now, however, warm, it is invariably fresh and sweet. Their general success is unquestionable.”
[] Boyle, 40: Homan, 37 (early C19 engraving on cover)

BROMLEY [Greater London TQ4069]
CHRIST CHURCH
Highland Road
Built 1887, Walter A Williams. Church cost £2600, originally a Free Church.
Perkins high pressure hot water small-bore heating system, 1887.
Dye, 3 (ad): Homan, 41

CANTERBURY [TR1457]
CATHEDRAL CHURCH OF CHRIST
Consecrated in 602, dates back to 1070, rebuilt 1170, sent of the Archbishop, Primate of All England.
The heating system of c.1865 was redesigned, from 1945, by J R Kelk of Oscar Faber & Partners, the boilerhouse having been war damaged. He found anthracite stoves in use. The old system was described by him: “(It) consisted of cast-iron socket and spigot piping laid in trenches in the floor of the church, covered with cast-iron gratings. These extended round the whole periphery of the nave, in the choir aisles and transepts. In some of the trenches there were as many as six 4-inch pipes laid side by side. ... In addition there were numerous massive and ugly bow-coils distributed against the walls throughout the Cathedral. There was a complete absence of heating surface at any upper level, and the system did not supply heat to the crypt, which at Canterbury is of large dimensions and is, in effect, a church in itself.” Post-war heating by G N Haden & Sons Ltd.
[] BE/K, 170-227 (P); CA, 27-34 (P); CAEW, 23-36 (Bo, 5V); CB/S, 50-5 (P, Vej: Cormack, 16-21: Clifton-Taylor, 265 (P); Faber, 35: HA (BMR, 1990a)

CHIDDINGSTONE CAUSEWAY [TQ5147]
ST LUKE
Built 1857-8, John Francis Bentley his only Protestant church. Part paid for by Sargent, the portrait painter.
Heating by *
[] BE/KW, 214-5: JB, 290

DOVER [TR2341]
BAPTIST MEMORIAL HALL
Priory Road
Built c.1831 by W Bromley, Dover.
Andrew T Taylor, Moorgate Chambers,
Finsbury Pavement, London.
Heating by Forrist, Forrist’s underground warm air stoves.
[] TDI, 1881/613. Illust: TDI, 1881/613, P Ve

ERITH [Greater London TQ5177]
MONASTERY
Bexley Road/Carlton Road
Heating by John Metcalf, Preston.
Low pressure hot water, 1873-1910.
[] Metcalf, 41

HAWKHURST [TQ7630]
ALL SAINTS
Built 1863, Sir George Gilbert Scott.
Heating by *
[] BE/KW, 316: JB, 293

MURSTON [TQ9264]
ALL SAINTS
Built 1873-4, William Burgess.
Heating by *
[] BE/K, 298-9: JB, 296
RAMSGATE [TR3865]
ST AUGUSTINE’S ABBEY (RC)
St Augustine’s Road, West Cliff
Built 1847-51 by Meyers.
Edward Welby Pugin Chapel of St.
John, from 1857, Edward Welby Pugin.
Joseph’s Chapel, 1853, P P Pugin.
A W N Pugin was both architect and paymaster,
spending £20,000 of his own money. The spire was
never built. Pugin (died 1852) is buried inside the
abbey.
Heating of Convent & College by John Metcalf,
Fiveton. Low pressure hot water for Convent &
College, after 1873.
[] BE/K, 421-25: CA, 48-9: Carl VC, 32, 35:
Dixon, 151: Homan, 82: Metcalf, 41. Illust: From
TB in Homan, endpapers: TBI.1853/377 Ve &
409, Vi

ROCHESTER [TO7468]
CATHEDRAL CHURCH OF CHRIST AND
THE BLESSED VIRGIN MARY
Consecrated in 604, the second oldest cathedral in
Heating by Gurney warm air stoves by The London
Warming & Ventilating Co Ltd
[] BE/KW, 470-88: CA, 45-7: CAEW, 178-84
(3Ve, 2Vi): CE/S, 234-45 P from TBI.1891:
Clifton-Taylor, 272 (P): Cormack, 64-7

CHATHAM MEMORIAL SYNAGOGUE,
High Street (nearly in Chatham)
Built 1865-9 by Alderman J G Nayler, Rochester.
E H Collis. Described by Newman (in Pevsner) as
in an unbelievably ugly Romanesque style.
Heating by Spenceley & Archer, Chatham
Prob. low pressure hot water heating as Spenceley
& Archer was a plumbing firm
[] BE/KW, 489: Homan, 84: TBI.1870/726-7
Illust: Homan (132) Vi from TB: TBI.1870/726-7, P
Vi

TUNBRIDGE WELLS [TQ5839]
ST BARNABAS
Stanley Road
Built 1889-93, J E K Catts & J P Catts, tower
never constructed
Heating by
[] BE/KW, 578, JB 299
CANTERBURY CATHEDRAL
CATHEDRAL CHURCH OF CHRIST
Heating by hot water, box coils and numerous 4-inch cast iron pipes in floor trenches covered with gratings
DARTFORD
WESLEYAN CHAPEL
W W Pocock, built in 1844 at a cost of £2500.
[Homan, plate 99]
MARGATE
HOLY TRINITY
Church Commissioners’ design, Government contributed £10,000.
Tower 135 ft. Bombed and demolished.
[Homan, plate 1]
ROCHESTER CATHEDRAL
CATHEDRAL CHURCH OF CHRIST AND THE BLESSED VIRGIN MARY
Heating by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[The Cathedrals & Abbeys of England & Wales, 1891, p.180]
RAMSGATE
ST AUGUSTINE’S ABBEY (RC)
Heating for Convent & College by low pressure hot water by John Metcalf
[The Builder, 1853/377]
LANCASHIRE

A county of England, lying on the Irish Sea, and bounded by Cumberland, Westmoreland, Yorkshire and Cheshire. It is 75 miles in length and 30 in breadth. It is divided into 6 hundreds, which contain 27 market towns, 62 parishes, and 894 villages.

Liverpool. The churches, the municipal offices, the custom-house... seem to have been constructed for the gratification of taste, as well as for their various and peculiar uses.

Now divided into Lancashire, Merseyside and Greater Manchester.

ACCRINGTON [SD7628]
NEW JERUSALEM CHURCH
Abbey Street
Built 1849, James Groce, Portsmouth
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Church Schools
[] BEL/N, 45:7; Metcalf, 43

ST MARY MAGDALENE
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[] Metcalf, 45

WESLEYAN CHURCH
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Church Schools
[] Metcalf, 43

ATHERTON [Greater Manchester SD6703]
ATHERTON CHURCH (RC)
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Catholic Schools
[] Metcalf, 41

BLACKBURN [SD5827]
CATHEDRAL AND PARISH CHURCH
ST MARY THE VIRGIN
Rebuilt 1820-6, John Palmer; damaged by fire 1851, reconstructed after fire by Thomas Rickman enlarged 1961. Cathedral from 1926.
Heating by *
[] BEL/N, 62:3-CA, 210-211; CAEW not listed, not a cathedral in 1891: CEN, 38-9; Cornick, 141

CHAPEL STREET CONGREGATIONAL CHURCH
Freckleton Street
Built 1873-4, J Tarrant & Son
Believed to be the building described as Congregational Chapel, Blackburn in Metcalf’s catalogue.
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[] BEL/N, 63: Metcalf, 43

HARWOOD STREET WESLEYAN CHAPEL
Poss. Methodist Church, Fellen Street, 1871
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[] BEL/N, 63: Metcalf, 43

ST ALBAN (RC)
Lancill
Built 1900-1 with tower of 1861
Edward Goldie
Heating by John Metcalf, Preston
Low pressure hot water, prob. 1890
[] BEL/N, 65: Metcalf, 41

ST MARY (RC)
Freckleton Street
Built 1860-4, J Cundall
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Church Schools
[] BEL/N, 63: Metcalf, 43

BLACKPOOL [SD3936]
SACRED HEART (RC)
Dalbot Road
Built 1857, Edward Welby Pugin
enlarged 1894 by Pugin & Pugin
Heating by John Metcalf, Preston
Low pressure hot water, prob. 1894
Metcalf also heated Dalbot Road Catholic School
[] BEL/N, 69: Metcalf, 41

CHIPPING [SD6243]
ST BARTHOLOMEW
Built, C14, Victorian restoration, unknown
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[] BEL/N, 93: Metcalf, 43

ST MARY (RC)
Windy Street
Built 1827, unknown
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[] BEL/N, 93: Metcalf, 41
CLITHEROE [SD7441]
ST MICHAEL (RC)
Lowgate
Built 1847, Joseph Augustus Hansom
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
Metcalfe also heated the Catholic School
[ ] BE/LN, 103: Metcalfe, 41

CROSTON [SD4818]
ST MICHAEL
Built prob. c17, restoration 1823, chapel rebuilt 1875, unknown
Heating by John Metcalfe, Preston
Low pressure hot water, prob. 1875
Metcalfe also heated the Parish Schools
[ ] BE/LN, 109-10: Metcalfe, 43

FARINGTON [SD5325]
ST PAUL
Built 1839-40 Edmund Sharpe, chancel 1909-10
JA Seward, Preston. A Commissioners' church, cost £1700
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] BE/LN, 119: Metcalfe, 43

FRECKLETON [SD4329]
WESLEYAN CHAPEL
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
Metcalfe also heated the Schools
[ ] Metcalfe, 43

GARSTANG [SD4945]
ST THOMAS
Built 1770, chancel of 1876, unknown
Heating by John Metcalfe, Preston
Low pressure hot water, prob. 1876
Metcalfe also heated the Schools
[ ] BE/LN, 128 & 151: Metcalfe, 43

GREAT HARWOOD [SD7332]
OUR LADY AND ST HUBERT (RC)
St Hubert's Road
Built 1858-9, Edward Welby Pugin
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
Metcalfe also heated the Presbytery
[ ] BE/LN, 122: Metcalfe, 42

HOUGHTON [SD6125]
HOLY TRINITY
Built 1824, W tower 1887, chancel Victorian, unknown
Heating by John Metcalfe, Preston
Low pressure hot water, prob. c.1890
Metcalfe also heated the Church School
[ ] BE/LN, 143: Metcalfe, 43

KIRKHAM [SD4232]
ST ANN (RC)
Westby
Built 1860, Edward Welby Pugin
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] BE/LN, 150: Metcalfe, 42

ST JOHN EVANGELIST (RC)
The Willows
Built 1842-5, Augustus Welby Northmore Pugin
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] BE/LN, 150: Metcalfe, 42

LANCASTER [SD4761]
CATHEDRAL CHURCH OF ST PETER (RC)
St Peter's Road
Built 1857-9, Edward Graham Peacock
Cathedral since 1924.
Heating by *
[ ] BE/LN, 153: CA, 225: C/E/N, 180

HIGH STREET INDEPENDENT CHAPEL
Not traced though there is a High Street Congregational Church
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] BE/LN, 155: Metcalfe, 43

LEYLAND [SD5422]
LEYLAND PRIMITIVE METHODIST CHURCH
Not traced
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] Metcalfe, 43

ST JAMES
Lostock Street
Built 1855, then 1872, Ewan Christian
Heating by John Metcalfe, Preston
Low pressure hot water, 1873-1910
[ ] BE/LN, 167: Metcalfe, 43
LITTLEBOROUGH  
[Greater Manchester: SD5316]  
HOLY TRINITY  
Built 1818-20 and from 1889. Thomas Taylor of Leeds, then Crawforth. Believed to be the church described as South Shore, Holy Trinity in Metcalf's catalogue (She is part of Littleborough).  
Heating by John Metcalf, Preston  
Low pressure hot water, prob. 1890  
[] BE/LS, 138: Metcalf, 43

LIVERPOOL  [Merseyside: SJ3492]  
CATHEDRAL CHURCH OF CHRIST  
Building commenced 1904 but not completed until 1978. Sir Giles Gilbert Scott appointed 1902, worked on the cathedral until his death in 1960 (even longer than Wren worked on St Paul's).  
Heating by G N Haden & Sons Ltd  
The original Edwardian proposal (c.1910) was “to heat the Cathedral by low pressure hot water radiators and the direct introduction and recirculation of warm air, then a common system” according to Mr G Nelson Haden [SHIVE Discussion]. However, this proposal was later abandoned and the following scheme (after the Edwardian era but included here for interest) was also described by Mr Haden: “The Lady Chapel was built before the first world war, and it was heated by radiators. Incidentally, the decoration by radiators of the rough-textured stone was a real disfigurement. In 1910 a new system for the Cathedral itself was suggested:...Almost the whole floor was heated by a system of closed warm-air ducts. Radiators were provided only in the vestries, entrances and immediately under the sills of the very big east end central space and transept windows. Because the system was new and its effect unknown, the precaution was taken of installing big banks of radiators in the triforium under the clerestory windows, to prevent the usual anticipated down-draught.” Mr Haden also recounted the tests he carried out in 1921, the most unusual feature of which was the use of “big hydrogen balloons on fine silk,” when he discovered the dramatic effects of draughts caused by wind on the stained glass windows.  
{JMB}  
Illustr: CA, 240 P

BELLERIVE CONVENT (RC)  
Heating by: John Metcalf, Preston  
Low pressure hot water, 1873-1910  
[] Metcalf, 41

ST AUSTIN (RC)  
Aigburth Road, Aigburth (Grassendale)  
Built: 1838, unknown  
Heating by John Metcalf, Preston  
Low pressure hot water, 1873-1910  
[] BE/LS, 207: Metcalf, 41

WALTON WESLEYAN CHURCH  
Heating by John Metcalf, Preston  
Low pressure hot water, 1873-1910  
[] Metcalf, 43

LONGRIDGE [SD6037]  
CONGREGATIONAL CHURCH  
Heating by John Metcalf, Preston  
Low pressure hot water, 1873-1910  
Metcalf also heated the School, poss. St Paul, off Berry Lane, 1886-8 by Ewan Christian [14]  
[] BE/LN, 170: Metcalf, 43

LONGTON [SD4825]  
ST ANDREW  
Built 1887, J E, K Cutts  
Heating by John Metcalf, Preston  
Low pressure hot water, prob. 1887  
[] BE/LN, 170-1: Metcalf, 43

LYDIATE [SD3604]  
OUR LADY (RC)  
Built 1854-5, Joseph John Seccles  
Heating by John Metcalf, Preston  
Low pressure hot water, 1873-1910  
[] BE/LN, 171: Metcalf, 41

LYTHAM [SD3627]  
ST CUTHBERT  
Built 1834, enlarged 1872, 1882 & 1909, unknown  
Heating by John Metcalf, Preston  
Low pressure hot water, prob. c.1882  
[] BE/LN, 172-3: Metcalf, 43
MANCHESTER [Greater Manchester S18398]
CATHEDRAL AND PARISH CHURCH
ST MARY, ST GEORGE AND ST DENYS
Dates from c.1422, some rebuilding by J P Holden 1862-8, then restoration J S Crowther 1862-8
Cathedral from 1847
Heating by G N Hadcn & Sons Ltd
|| BE/LS, 273-9, CA, 244-5 (P); CAEW, 259-61 (VI); CE/N, 24-3 (P from TB 1895); Cormack, 144: HA

HOLY NAME OF JESUS (RC)
Oxford Road
Built 1869-71, Joseph Aloysius Hanson
One of Hanson's two finest churches [Pevsner].
Heating by *
|| BE/LS, 307: Curd VC, 36, Jenkins, 342-4

NOTRE DAME CONVENT (RC)
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
|| Metcalf, 41

PIN MILL BROW CHURCH
Ancient
Built c. 1869, John Tolting
Heating by G N Hadcn & Son
Prob. warm air, 1869
|| TB 1869-70 (Ve, VI)

ST FRANCIS (RC)
Gorton Lane
Built 1864-72, Edward Welby Pugin
Heating by *
|| BE/LS, 326-7: Curd VC, 40

ST MARY OF THE ANGELS (RC)
Levenshulme
Built 1882-3, addition 1914, H J Tifou
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Schools
|| BE/LS, 333: Metcalf, 41

OLDHAM [Greater Manchester SD9205]
ST MARY (RC)
Shaw Street
Built 1838, John Grey Weighton & Matthew Eddison Hadfield Described in Metcalf Catalogue
as Hollinwood (RC) Church
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
|| BE/LS, 360: Metcalf, 41

PRESTON [SD5429]
BROTHERS OF CHARITY (RC)
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
|| Metcalf, 41

CHRIST CHURCH
Bow Lane
Built 1835-6, transepts and chancel 1851-2
John Latham, later F H Sheppard
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Church School
|| BE/LN, 199: Metcalf, 43

CHRIST CHURCH
Victoria Road, Fulwood
Built 1864-5, Myers & Yewern
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
|| BE/LN, 201: Metcalf, 43

GRIMSHAW STREET CONGREGATIONAL CHURCH
Built 1859, Bellamy & Hardy
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Congregational Schools
|| BE/LN, 203: Metcalf, 43

LANCASTER ROAD CONGREGATIONAL CHURCH
Built 1862-5, unknown
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
|| BE/LN, 195: Metcalf, 43

ST JAMES
Avenham Lane
Built 1870-81, James Hibbert
Heating by John Metcalf, Preston
Low pressure hot water, prob.1881
|| BE/LN, 194: Metcalf, 43

ST SAVIOUR
Queen Street
Built 1868, James Hibbert
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the Church School
|| BE/LN, 203: Metcalf, 43

ST THOMAS
Lancaster Road
Built 1837-9, John Latham, cost £4500
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
HEATING IN CHURCHES: LANCASHIRE

ST WALBURGE (RC)
Weston Street
Built 1830-4, Joseph Augustus Hansom [34]
Heating for Presbytery by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] BEL/N, 199-200: Metcalf, 42

WINCKLEY SQUARE CONVENT (RC)
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] Metcalf, 42

RIBBY
ST NICHOLAS
Wrea Green
Built 1848-9, unknown
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
Metcalf also heated the School
[1] BEL/N, 207: Metcalf, 43

ROCHDALE [Greater Manchester SD8913]
BROTHERS OF CHARITY (RC)
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] Metcalf, 41

ST PATRICK (RC)
There is a modern St Patrick, Elliot Street, 1965-8
by Desmond Williams & Associates
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] BELS, 379: Metcalf, 41

ST HELENS [Merseyside SJ5195]
LOWE HOUSE CHURCH (RC)
The RC church at North Road, Lowe House is
now St Mary, 1924-30 by Charles B Powell.
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] BELS, 684: Metcalf, 41

SALFORD [Greater Manchester SJ8197]
CATHEDRAL OF ST JOHN (RC)
Chapel Street
Built 1844-55, John Gwynn Whitham and
Matthew Ellison Hodfield
Cathedral since 1850
Heating by *
Illus: Curl VC, 36 Ve

SEAPORT [Merseyside SJ3297]
OUR LADY OF THE STAR (RC)
Church Road
Built 1901, Sinnott, Sinnott & Powell
Heating by John Metcalf, Preston
Low pressure hot water, prob 1901
[1] BELS, 399: Metcalf, 41

Skelmersdale [SD4606]
SKELMERSDALE CHURCH (RC)
Net traced.
In 1961 Skelmersdale became a New Town for
Liverpool and Merseyside overspill.
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] Metcalf, 41

Walton-le-Dale [SD5528]
WALTON-le-DALE CHURCH:
Poss. All Saints, Higher Walton, 1861-4, steeple
1871, by Edward Graham Paley, cost £6000
Heating by John Metcalf, Preston
Low pressure hot water, 1873-1910
[1] BEL/N, 255: Metcalf, 43
LANCASHIRE

BLACKBURN CATHEDRAL
CATHEDRAL AND PARISH CHURCH OF ST MARY THE VIRGIN
Lancashire

Liverpool Anglican Cathedral
Cathedral Church of Christ

Building commenced 1904, the original Edwardian proposal being to heat the building by low pressure hot water radiators and recirculated warm air. A revised scheme was installed by G N Haden & Sons Ltd. [G N Haden & Sons Ltd, brochure Activities, undated]
LYTHAM
ST CUTHBERT
Heating by John Metcalf, probably low pressure hot water, 1880s
MANCHESTER CATHEDRAL
CATHEDRAL AND PARISH CHURCH ST MARY, ST GEORGE AND ST DENYS
Heating by G N Haden & Sons Ltd
[The Cathedrals & Abbeys of England & Wales, 1891, p.260]
SALFORD CATHEDRAL (RC)
CATHEDRAL OF ST JOHN
[Victorian Architecture, Curl, 1990, fig.4]
LEICESTERSHIRE AND RUTLAND

LEICESTERSHIRE. A county of England, bounded by Derbyshire, Nottinghamshire, Lincolnshire, Rutland, Northamptonshire, and Warwickshire. It extends about 40 miles in each direction. It is divided into 6 hundreds, which contain 12 market towns, and 200 parishes....

RUTLANDSHIRE. The smallest county of England, 15 miles in length, and 11 in breadth. It is bounded by Leicestershire, Nottinghamshire, Lincolnshire, and Northamptonshire. It contains 48 parishes and two market towns.

Leicester. ...still a large, but not a handsome town. It contains 15 churches, near one of which are the famous ruins of a Roman wall.

ASHFORDBY [SK7019]
ALL SAINTS
Mostly C14, restored 1866-7, Sir George Gilbert Scott
Heating by *
[ ] JB, 319

ASHBY-DE-LA-ZOUCH [SK3516]
WESLEYAN (METHODIST) CHAPEL
Kildwarby Street
Built: 1867-8 by Mr Proudnore, Ashby-de-la-Zouch, Nicholas Cave, Stafford.
Heating by Garton & King, Holborn, prob. Garton & King warm air stoves, installed c.1888
[ ] BE/LE, 80: TBL 1870/145-6 (Vc)

LEICESTER [SK5804]
CATHEDRAL AND PARISH CHURCH OF ST MARTIN
Dates from C13, Victorian restoration, 1861-2 & 7
Raphael Brandon: also 1880 by George Edmund Street, 1880 and 1896-8 John Loughborough Pearson. Medieval plan but almost entirely Victorian. Dedicated to St Martin of Tours, cathedral from 1927
Heating by G H Hadley & Sons:
[ ] BE/LE, 208-9: CA, 180: CA & EV not listed, not a cathedral in 1891: +CE/N, 180-1: Connex, 144.

ST ANDREW
Jarrold Street
Built 1860-2, Sir George Gilbert Scott
Heating by *
[ ] JB, 326

MARKET HARBOROUGH [SP7387]
OUR LADY OF VICTORIES (RC)
Coventry Road
Built 1876-7 by Holaday & Cave, Oldham, extensions 1898-1900, C. G. Wray, later extensions by P. P. Paget
Heating by John Metcalfe, Preston, low pressure hot water heating, prob. installed 1877.

MELTON MOWBRAY [SK7519]
WESLEYAN (METHODIST) CHAPEL
Poss. Central Methodist Church, Sage Cross Street, built 1870-1, R W Johnson
Perkins high pressure hot water small-bore heating system, installed before 1893.
[ ] BE/LE, 318: Dye, 3 (ad)

WYMESWOLD [SK6023]
ST MARY
Early C14, restored 1844-6, Augustus Welby Northmore Pugin
Heating by *
[ ] JB, 324
LINCOLNSHIRE

A county of England, lying on the German Ocean, and bounded by Norfolk, Cambridgeshire, Northamptonshire, Rutland, Leicestershire, Nottinghamshire, and Yorkshire. It is 77 miles in length, and 48 in breadth. It is divided into four parts, namely Holland on the south west, and Lincoln on the north. It contains 50 hundreds, 33 cities, 33 market towns, and 650 parishes.

Lincoln. It is much reduced from its former extent and splendour, when it contained 52 parish churches, and was one of the most populous cities of England. The cathedral is a stately Gothic pile, one of the largest in England, and stands on a lofty hill, that it may be seen 5 miles to the north and 30 to the south, and is particularly admired for its interior architecture.

Boston. It is a large, handsome town, with a spacious market-place, and a fine church, whose tower 300 feet high, serves as a landmark for sailors.

BOSTON [TF3303]
ST BOTOLPH Church Close Dates from 1369, restored 1845-7, 1851-1837 onwards, mainly by Sir George Gilbert Scott. The loftiest medieval tower in England at 272 (288) feet, though nick-named “The Stump.” Also described as a giant among English parish churches, and claimed to be the biggest.
Heating by *
[] BE/LN. 156-161: JB, 332; Jenkins, 367-70

GRANTHAM [SK9135]
T WULFRAM Built late 12th restoration from 1863. Sir George Gilbert Scott considered to be in the top decem of English parish churches with a 252 feet high spire.
Heating by *
[] BE/LN. 316-20: JB, 338; Jenkins, 376-8

LINCOLN [SK9771]
CATHEDRAL OF THE BLESSED VIRGIN MARY Location: map of the Close, BE/LN. 483
Norman, from 1220-80, restoration mid-C19, then 1870-92, J C Buckler, then John Loughborough Pearson. The central tower was once the tallest structure in the world at a height of 223 feet, until it fell in a storm in 1548. Heating by The London Lighting Co Ltd, London, gas and air stoves.
Installed before 1897, probably c.1890
[] BE/LN. 444-82 (P): CA, 136-41 (P): C&BC, 104 (4V); CEH, 196-230 (P from JB, 1891); Clifton, Taylor, 270 (P); Cormack, 55-9; Dye, 2 (ad)

ST Swithin Free School Lane
Built in 3 stages, 1869-71, 1879-80, tower & spire 1884-7, James Fowler, Louth. Considered Fowler’s most important church.
Heating by *
[] BE/LN. 500: JB 281/269/1868 (Vt: TBI: 1890/649 (vi)

LOUTH [TF3287]
ST JAMES Dates from 1325, Victorian restorations, mainly 1860 & 1868-9, James Fowler, Louth. Described as one of the most majestic of English parish churches, spire 295 feet high, (3 ft taller than St Mary Redcliffe, Bristol)
Heating by *
[] BE/LN. 558-40: JB, 344; Jenkins, 384

MARKET DEEPING [TF1310]
ST GUTHILGAC Built late C12, restored 1877-8, James Fowler, Louth.
Heating by Mr Davey, Wisbech, installed c.1878, system unknown.
[] BE/LN. 552-3: TBI, 1879/1346 (Vt)
SKEGNESS [TF5663]
ST CLEMENT
Lincoln Road
Built about C13, restored 1879-80, James Fowler, Louth.
Heating by *
[] BE/LN. 644-5; JB. 348; TBI.1880/412-3 (Ve, Vd)

ST MATTHEW
Lumley Avenue
Built 1879-80 & 84, James Fowler, Louth,
completed by C A Bassett-Smith.
Heating by *
[] BE/LN. 645

SPILSBY [TF4066]
ST JAMES
Built: From C14, rebuilt 1879, William Bassett Smith, John Street, Adelphi, London (a neighbour
was Wilson W Phipson, a pioneer heating engineer,
responsible for the Albert Hall and the Natural History Museum).
Heating by *
[] BE/LN. 679-81; TBI.1880/319 (P, Ve)
LINCOLN CATHEDRAL
CATHEDRAL OF THE BLESSED VIRGIN MARY
Heating by Gurney warm air stoves by The London Warming & Ventilating Co Ltd
[The Cathedral Builders in England, 1904, p. 88]
MARKET DEEPING
ST GUTHLAC
Heating by Mr Davey of Wisbech, c.1878, system unknown