

Appendix A

Hail database for storms of above intensity H5 or more, Great Britain 1650 to 1800.

Date ^a	M.I>3, Severe ^b	Length ^c	Width ^d	Max Size Code ^e	Max. Diameter*	Direction	Course of Hailstorm	From Lat. Long	To Lat. Long
15 August 1660	H4–5	15		3–4		S–N	Dover>Deal>Sandwich (Kent)	51.12, 1.34	51.28, 1.34
28 July 1666	H6			7+			Aldeburgh (Suffolk)	52.15, 1.60	
23 October 1667	H4–5	5		4		S–N	Welbourn>Boothby Graffoe (Lincs)	53.07, –0.56	53.12, –0.56
23 October 1667	H4+			(7)			(Nottinghamshire)		
30 June 1687	H6			7			Alvanley (Cheshire)	53.25, –2.75	
10 May 1697	H7	95	3+	6–7		SW–NE	St Asaph (Clwyd)>Bootle>Aughton (Liverpool – Mersey)>Ormskirk>Blackburn (Lancs)	53.27, –3.43	53.75, –2.48
15 May 1697	H8	25		(10)		SSW– NNE	Great Offley>Hitchin>Ickleford (Herts)>Clifton>Potton (Beds)	51.92, –0.33	52.12, –0.20
17 June 1697	H5–6			7			Westhide (Herefordshire)	52.10, –2.60	
17 June 1697	H5			6–7			Pontypool (Gwent)	51.70, –3.03	
23 April 1699	H4+						Durham (Co Durham)	54.77, –1.57	
15 January 1702	H4–5			3–4			Cowes (Isle of Wight)	50.77, –1.30	
7 June 1711	H5	15	1	4		SSE– NNW	Woodhouse>Rotherham>Wentworth (S Yorkshire)	53.35, –1.37	53.47, –1.42
1 July 1715	H5			5+			Wolverhampton (West Midlands)	52.58, –2.13	
7 August 1718	H5+			5–6			Lowestoft (Suffolk)	52.48, 1.75	
14 July 1719	H6+	32		7–8			Seighford (Staffs)	52.82, –2.18	
11 June 1726	H5+						Chulmleigh (Devon)	50.92, –3.89	
14 July 1726	H4+						Tonbridge (Kent)	51.18, 0.28	
24 May 1728	H5+			6			Hurstpierpoint (W Sussex)	50.92, –0.17	
27 June 1733	H5			6–8		S–N	Mobberly, Toft, Ashley, Pownall Fee, Etchells, Plumley, nr Wilmslow (Cheshire)	53.19, –2.19	53.27, –2.42; 53.33, –2.23
5 August 1738	H5–6	25		5		SSW– NNE	Uxbridge (London)>Bushy>Watford>St Albans (Herts)	51.55, –0.48	51.75, –0.33

(Continued)

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(Continued)

Date ^a	M.I.>3, Severe ^b	Length ^c	Width ^d	Max Size Code ^e	Max. Diameter*	Direction	Course of Hailstorm	From Lat. Long	To Lat. Long
5 August 1738	H5	22		5		SSW– NNE	Hertingfordbury>Bengeo>Ware>Thun- dridge>Standon>Little Hadham>Albury>Furneux Pelham (Herts)	51.78, –0.10	51.93, 0.08
5 August 1738	H5						Bungay (Suffolk)	52.45, 1.45	
8 August 1741	H5	65	3	4			(Nottinghamshire>Lincolnshire)		
29 August 1743	H5			6			Tewkesbury (Glos)	52.00, –2.15	
29 August 1743	H4–5						Leicester (Leics)	52.63, –1.13	
23 June 1748	H4+			(6)			Addington (Gtr London)	51.35, –0.03	
26 May 1749	H4–5						Donington Park (Derbys/Leics border)	52.49, –1.22	
2 June 1753	H5			6–7			Bridgwater (Somerset)	51.12, –3.00	
2 June 1753	H5			5			Downton (Wiltshire)	51.00, –1.73	
7 July 1755	H5–6	12		6		WNW– ESE	Rye>Beckley>Newenden, Northiam	50.95, 0.73	50.98, 0.60
25 June 1761	H5		5	6			Bourne (Lincs)	52.77, –0.38	
5 August 1761	H6+						Benfield (Northants)	52.48, –0.53	
19 August 1763	H7	65	7	8		SW–NE	Wateringbury>Nettlestead>Barming >Chatham* (Kent)	51.25, 0.42	51.38, 0.52
10 June 1765	H5			6			Lower Brailes (Warwickshire)	52.03, –1.53	
3 August 1765	H5	10		4		WSW– ENE	Newmarket, Kennett (Suffolk>Cams)	52.25, 0.42	52.28, 0.50
20 June 1772	H4–5			(3)			Leeds (W Yorks)	53.80, –1.58	
31 October 1772				3			Blakeney (Lincs)		
1 June 1780	H5+			(7)			Warminster, Longleat (Wiltshire)	51.20, –2.18	
29 May 1783	H4+						Driffield (E Yorks)	54.00, –0.43	
10 July 1783	H4–5						Blaby (Leicestershire)	52.57, –1.15	
16 June 1785	H4+						Newmarket (Suffolk)	52.25, 0.42	
22 June 1790	H5			4			Kilmington (Wiltshire)	51.12, –2.33	
17 July 1792	H5	15		4*		SSW– NNE	Preston-le Skerne>Sedgefield> Trimdon*>Kelloe	54.61, –1.53	54.73, –1.46
7 August 1793	H5+	20		(5)		SSW– NNE	Thornton>Kirkby Mallory>Shepshed	52.65, –1.30	52.75, –1.28
29 July 1797	H5			2+			Edge Hill, Fairfield (Liverpool, Merseyside)	53.40, –2.94	
18 August 1797	H6+						Helford Passage (Cornwall)	50.10, –5.11	
7 June 1798	H5	15		6		NW-SE	Lewes>Bletchington>Seaford>South over>Beddingham (E Sussex)	50.87, –0.02	50.83, 0.05
9 September 1798	H5			(4)			Tenterden (Kent)	51.05, 0.70	

^(a) M.I.>3, max intensity (on available evidence).

^(b) L, total length (on available evidence) if ≥5 km. NB – bracketed lengths/locations indicate that more reports are needed to confirm the extended swathe.

^(c) W, max width (on available evidence) if length ≥5 km.

^(d) S.C, max reported size code accepted as consistent with other reports and evidencea.

^(e) M.D*, max confirmed diameter with * ref to location² and ^p, photo^p.

Hail database for storms of above intensity H5 or more, Great Britain 1800 to 2013.

Date	Intensity			Max S.C	Max. Diam*	Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width					
4 May 1800	H6	75		4		Kettering > Weldon > Deene > Laxton > Collyweston > Morton > Stamford > Bourne > Morton > Grimsthorpe > Sleaford (Northants/Rutland/Lincs)	52.39, -0.41	52.98, -0.72
19 August 1800	H7	60		8–9		Upper Heyford (Oxon) > Fenny Stratford (Bucks) > Ampthill > Clophill > Woburn > Lidlington > Ridgmont (Beds)	51.93, -1.27	52.20, -0.59
10 August 1802	H5	10	2			Churchover > Claybrooke > Newbold-on-Avon > Monks Kirby > Bitteswell (Warws/Leics)	52.42, -1.25	52.45, 1.20
24 August 1802	H4–5	2				Whittingham, Thrunton (Northumberland)	55.38, -1.88	
21 July 1803	H4–5					nr Leicester (Leics)	52.63, -1.13	
31 October 1804	H5					Penzance (Cornwall)	50.13, -5.55	
15 July 1808	H7	95	10	9		Milborne Port > Poyntington (Dorset) > Castle Cary > Batcombe > Radstock > Keynsham (Somerset) > Frenchay/Moorend (Bristol) > Almondsbury (Glos) > Monmouth (Gwent)	50.97, -2.47	51.82, -2.72
15 July 1808	H5+	15	10–12	5		Langport/Pitney > Ashcott > Glastonbury (Somerset)	51.03, -2.83	51.13, -2.72
17 December 1808	H4–5	3				Filby > Ormesby (Norfolk)	52.65, 1.67	52.67, 1.70
18 May 1809	H5			3–4		Loughton (Essex)	51.63, 0.07	
19 May 1809	H4–5			3		Tottenham (London)	51.60, -0.07	
31 August 1810	H4–5			6		Roche > Stone > Sandbeck > Stainton (S Yorkshire)	53.40, -1.18	53.43, -1.17
12 May 1811	H5+			(7–9)		Hopton (Derbys)	53.08, -1.60	
13 May 1811	H4–5			3		Dumfries – Ryedale, Lochfield, Maxwelltown, Rosehall	55.06, -3.59	
27 May 1811	H5			5		Worcester, Henwick (Worcs)	52.20, -2.20	
8 June 1811	H4–5			5		Birmingham (W Mids)	52.47, -1.92	
9 June 1813	H4–5			3		St Fagans (S Glamorgan)	51.49, -3.27	
28 July 1814	H5	25		(6)		Leicester > Syston > Rearsby > Thrusington > Hoby > Belvoir (Leics/Notts)	52.63, -1.13	52.88, -0.78
1 August 1814	H4–5			(6)		Coventry (W Mids) NB – could be July 27/28	52.42, -1.55	
21 July 1815	H5	10		3		Longpark > Netherby > Scaleby (Cumbria)	54.95, -2.85	
14 December 1816	H4–5	25				Sedbergh > Appleby (Cumbria)	54.32, -2.52	
19 June 1817	H5			5		Stalybridge, Hattersley (G Manchester)	53.48, -2.04	53.45, -2.03
21 June 1817	H4–5					Tewkesbury (Glos)	52.00, -2.15	
24 July 1818	H6–7	30		5+	45–50*	Stronsay* > Sanday > Lop Ness > North Ronaldsay (Orkney I's)	59.12, -2.62	59.37, -2.43
29 June 1820	H5–6	24	6			Rhiwlas (nr Bala), Carrigly-Cerrigy-Drudion, Naut-Dedwydd, Cyffylliog (Gwynedd, Clwyd)	52.91, -3.58; 53.03, -3.56	53.06, -3.25
31 July 1820	H5					Maidstone (Kent)	51.27, 0.52	
31 July 1820	H5					Worthing (W Sussex)	50.80, -0.37	
31 July 1820	H5	10				Sible Hedingham > Castle Hedingham > Belchamp St Paul (Essex)	51.97, 0.61	52.06, 0.62
24 July 1829	H4–5	13	2			Brothertoft, Langret Ferry, Sibsey, Carrington (Lincs)	52.98, -0.10	53.03, 0.02; 53.08, -0.05

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(Continued)

Date	Intensity					Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width	Max S.C	Max. Diam*			
17 August 1829	H5					Brookland (E Sussex)	50.98, 0.83	
15 May 1833	H5-6	20				Southowram > Clayton Heights/ Bradford > Keighley (W Yorks)	53.88, -1.92	53.70, -1.83
15 May 1833	H5	20		3-4		Pontefract > Leeds (W Yorks)	53.80, -1.56	53.68, -1.30
24 May 1833	H5					Kirkstall, Leeds (W Yorks)	53.82, -1.60	
9 June 1835	H5-6	20				Babraham > Cambridge > Stetchworth > Newmarket (Cambs > Suffolk)	52.12, 0.2	2.25, 0.42
9 June 1835	H5-6					Leicester (Leics)	52.63, -1.13	
1 July 1836	H5					Downton > Witherington > Whaddon > Grimstead > Alderbury > Charlton > Winterslow (Wiltshire)	50.99, -1.74	51.08, -1.67
5 July 1836	H4-5			4		Cloughton Hall > Penwortham > Inglewhite > Myerscough > Longton > Lancaster (Lancs)	53.87, -2.72	54.07, -2.83
9 August 1843	H7	255	15-20* ¹	7	47-50* ¹ , 25* ²	Stow-on-the-Wold (Glos) > Chipping Norton (Oxon) > Enstone* ¹ Finmere/Croughton* ³ (Bucks/Northants) > Winslow/ Hanslope* > Stony Stratford (Bucks) > Biggleswade (Beds) > Cambridge* ² (Cambs) > Mildenhall (Suffolk) > Thetford > Norwich > Ludham > Horsey (Norfolk) > N Sea	51.92, -1.72	52.73, 1.67
1 August 1846	H4-5	15				Datchet/Windsor > Cookham (Berks) > Great Marlow (Bucks)	51.48, -0.60	51.57, -0.77
1 August 1846	H5	20		3		Bromley > Camberwell > Westminster > Regents Park (London)	51.40, 0.01	51.53, -0.15
1 August 1846	H5-6					E Weldon (Northants)	52.48, -0.63	
1 August 1846	H4-5	23		3		Acle > North Walsham (Norfolk)	52.64, 1.55	52.82, 1.39
1 August 1846	H5	5		4		Uffington/Casewick > Tallington > Burghley > Ufford (Lincolnshire, Cambridgeshire)	52.65, -0.42	52.62, -0.38
14 July 1848	H5					Barnham (Suffolk)	52.37, 0.73	
21 June 1851	H5	50	7	5		Todenham (Glos)/Little Compton > Shipston-on-Stour > Southam > Rugby (Warws)	52.02, -1.65	52.37, -1.25
21 June 1851	H4-5	15-20		4		Stockport > Droylsden > Chadderton > Middleton (G Manchester)	53.40, -2.15	53.55, -2.20
5 July 1852	H5	22		7		Northleach/Hampnett > Moreton-in-Marsh/Sezincote > Blockley (Glos)	51.83, -1.85	52.02, -1.75
16 July 1852	H5-6	30		5		Leigh > Claines > Ombersley > Rushock > Chaddesley Corbett (Worcs) > Hagley > Pedmore (W Mids)	52.18, -2.34	52.45, -2.12
7 July 1853	H5					Goring-by-Sea > Broadwater > Brighton (W Sussex)	50.81, -0.42	50.83, -0.15
23 August 1855	H5-6			6		Newport (Isle of Wight)	50.70, -1.30	
23 July 1856	H4-5			5		Badsworth, Wentbridge, Thorpe (W Yorkshire)	53.62, -1.30	
13 June 1859	H4-5					Chippenham, Hardenhuish (Wiltshire)	51.45, -2.12	51.47, -2.13
18 July 1859	H5	15		4		St Helens (Merseyside) > Warrington (Cheshire)	53.45, -2.74	53.38, -2.60

Date	Intensity				Max S.C	Max. Diam*	Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width						
18 July 1859	H5	90			(6)		Swinton > Middleton > Oldham > Holmfirth > Wakefield > Hemsworth > Pontefract > Snaith (G Manch > W Yorks) > N Yorks > E Yorks	53.50, -2.35	53.68, -1.03
20 July 1859	H5	25			4		Whitley > Binfield > Windsor (Berks) > Slough (Bucks)	51.43, -0.78	51.50, -0.58
20 July 1859	H6	15			5		East Barnet > Winchmore Hill > Enfield (London) > Waltham Abbey (Herts) > Loughton (Essex)	51.63, -0.15	51.65, 0.07
27 September 1868	H4-5	12			(6)		Wells-next-the-Sea, Cley-next- the-Sea (Norfolk)	52.97, 0.85	52.97, 1.05
29 September 1869	H5	25	2-3		4		Ramsbury > Ashdown Park (Wilts) > Lambourn (Berks) > Faringdon (Oxon)	51.43, -1.60	51.65, -1.58
16 June 1870	H6	65			6		Bridport/Abbotsbury (Dorset) > Wincanton (Somerset) > Corsley > Warminster (Wilts)	50.73, -2.72	51.20, -2.18
25 July 1872	H5						Wootton Bassett (Wiltshire)	51.53, -1.90	
24 July 1874	H5				3		Bromsgrove (Worcs)	52.33, -2.07	
16 July 1876	H5	10			5		Munslow > Stanton Long > Church Stretton (Shropshire)	52.48, -2.72	52.55, -2.80
23 July 1876	H4-5	5			5		Wootton > Bedford (Beds)	52.10, -0.53	52.13, -0.45
23 July 1876	H4-5	8-10	2-3		5		Sawtry Fen, Avelsey (Cambs)	52.44, -0.26	
3 August 1878	H5	4			5	45*	Ashby Parva* > Lutterworth (Leics)	52.48, -1.22	52.45, -1.20
3 August 1879	H6	25			7	38*	Teddington > Richmond*, Kew* > Brentford > Ealing > Harrow (London) > Watford (Herts)	51.42, -0.33	51.67, -0.40
3 August 1879	H4-5						Clare > Weybread (Suffolk)		
8 November 1882	H4-5						Cartmel (Cumbria)	54.20, -2.95	
29 June 1883	H5	18	5		5-(6)		Moreton-in-Marsh (Glos) > Stourton > Shipston-on-Stour > Brailes > Tysoe > Oxhill (Warws)	51.98, -1.70	52.10, -1.53
3 July 1883	H6	20			5		Caistor > Killingholme > Immingham > Barnetby-le- Wold > Ferriby > Barton-upon- Humber (Lincs)	53.48, -0.32	53.67, -0.43
9 August 1884	H5	15			5		Rossendale Valley > Newchurch- in-Pendle (Lancs)	53.7, -2.27	
9 August 1884	H4-5				4		Duffield (Derbyshire)	52.97, -1.48	
24 May 1889	H5	75			4-5		Ross-on-Wye (Hereford) > Martley > Ombersley (Worcs) > Chaddesley Corbett (Worcs)	51.92, -2.57	52.35, -2.17
2 June 1889	H4-5	25			5		Pawston > Swinton > Duns > Chirside > (Berwick > upon > Tweed) (Northumberland, Borders)	55.72, -2.27	55.78, -2.00; 55.78, -2.34
2 June 1889	H5-6	75			7		Botesdale (Suffolk) > Swaffham > Docking > Thornham (Norfolk) > N Sea	52.33, 1.02	52.95, 0.58
7 June 1889	H5	15			4	32*	Tunbridge Wells* > Edenbridge (Kent)	51.13, 0.28	51.18, 0.07
29 June 1892	H5				(6)		Kensworth (Beds)	51.84, -0.50	
8 July 1893	H7	50			6	50*	Thirsk/Baldersby > Bedale > Richmond* > Aske (N Yorks) > Barnard Castle > Startforth (Durham)	54.20, -1.45/ 54.22, -1.33	54.53, -1.92
8 July 1893	H5	15-20			5	40 x 30*	Pannal > Harrogate* > Swincliffe > Brimham Rocks (N Yorks)	53.95, -1.53	54.08, -1.68
8 July 1893	H5				4	40 x 35*	Dumfries*, Nith Valley, Kirkmahoe (Dumfries and Galloway)	55.07, -3.55	55.12, -3.62

(Continued)

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(Continued)

Date	Intensity					Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width	Max S.C	Max. Diam*			
8 July 1893	H5	35				Kirkby Stephen > Eden Valley > Penrith (Cumbria)	54.47, -2.35	54.65, -2.73
22 August 1893	H5	16		(4)	55 × 20*	Hainton > Welton-le-Wold* > Kelstern (Lincs)	53.33, -0.22	53.38, -0.12
30 May 1897	H6	75	8	7	50–63*	Seaford* (E Sussex) > Wadhurst > Gillingham (Kent)	50.77, 0.10	51.40, 0.57
24 June 1897	H7	115	15	6	52*	Slough (Bucks) > Finchley (London) > Theydon Bois > Chelmsford > L Baddow* > Kelvedon > Brightlingsea (Essex)	51.51, -0.59	51.80, 1.03
24 June 1897	H5	22				Luton > Offley > Hitchin–High Down > Biggleswade (Beds > Herts)	51.88, -0.42	52.08, -0.27
25 August 1897	H4–5	5		3		Richmond > Acton (London)	51.45, -0.28	51.50, -0.25
2 May 1898	H4–5			2		Plymouth (Devon)	50.40, -4.12	
7 September 1898	H4–5	15		4		Stamfordham > Belsay > Bolam > Middleton (Northumberland)	55.03, -1.87	55.15, -1.90
11 June 1900	H5–6	65	8–10	6		Northampton > Pitsford (Northants) > Market Harborough > Hallaton > Somerby > Melton Mowbray (Leics) > Old Dalby (Notts)	52.25, -0.88	52.80, -0.98
11 June 1900	H4–5	30–35		6		Ashby Magna > Ratby > Bardon > Coalville > Lount > Cole Orton > Shepshed > Kegworth (Leics)	52.50, -1.17	52.82, -1.27
12 June 1900	H5			6		Gorebridge (Lothian)	55.83, -3.05	
12 June 1900	H4–5			3		Watchet (Somerset)	51.17, -3.33	
16 July 1900	H5	8	0.3	3		Bury St Edmunds, Westley (Suffolk)	52.25, 0.67	52.25, 0.72
20 July 1900	H6	50	10–12	5–6		Northampton > Harlestone > Dallington > East Haddon > Welford (Northants) > Leicester > Anstey (Leics)	52.25, -0.88	52.65, -1.18
20 July 1900	H5	80		4		Wollaston > Kettering > Uppingham > Oakham > Langham > Granby (Northants) > Rutland > Leics > Notts)	52.25, -0.67	52.90, -0.88
19 July 1901	H4–5	10		4		Norham > East Loanhead > Paxton > Fouldern (Northumberland, Borders)	55.72, -2.15	55.77, -2.10
10 August 1901	H5	50		4		Newcastleton > Hawick > Riddell > Selkirk > Galashiels (Borders)	55.43, -2.78	55.60, -2.82
10 September 1902	H5	10		5		Wateringbury > East Farleigh > East Malling > Maidstone > Broadwater (Kent)	51.25, 0.42	51.27, 0.52
02 August 1906	H5–6	105	5–7	4		Moulsoe (Bucks) > Keysoe > L Staughton (Beds) > Alconbury > Thorney (Cambs) > Sutton St Edmund > Long Sutton (Lincs) > The Wash	52.07, -0.67	52.85, 0.19
21 July 1907	H5					Dolaucothy (Dyfed)	52.03, -3.93	
22 July 1907	H4–5	5–10		5		Honddu Valley > Grwyny Valley > Tredrenow, Neuadd, Elwyd (Gwent > Herefordshire)	51.90, -3.02	51.92, -3.04
04 June 1908	H4–5	16	2–3	4		Ticehurst > Lower Cousley Wood (E Sussex) > Tunbridge Wells (Kent)	51.03, 0.42	51.13, 0.28
26 May 1913	H5			2		Bishop's Castle (Shropshire)	52.50, -3.00	
27 May 1913	H6	115	8–10	6 ^P	P	Riseley (Beds) > Waresley > Hawston > Linton (Cambs) > Great Yeldham > Castle Hedingham ^P > Bures (Essex) > Brantham > Holbrook (Suffolk)	52.23, -0.47	

Date	Intensity			Max S.C	Max. Diam*	Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width					
04 July 1915	H6	20+		6		Appledore > Arlington > Combe Martin (Devon)	51.05, -4.20	51.20, -4.03
04 July 1915	H5	13+		6		Exeter > Bradninch > Blackborough (Devon)	50.70, -3.53	
04 July 1915	H6-7	170	16	5		Highbridge > Blagdon (Somerset) > Bristol > Pool Keynes (Glos) > Malmesbury (Wilts) > Bicester (Oxon) > Winslow (Bucks)	51.24, -3.00	51.95, -0.87
17 June 1917	H5	5		5		Berrington > St Michaels > Tenbury Wells > Rochford (Worcs)	52.30, -2.63	52.31, -2.54
17 June 1917	H4-5	25-30		3		Framlingham (Suffolk) > Loddon > Acle > Ludham > Sutton > Stalham (Norfolk)	52.22, 1.33	52.77, 1.52
16 July 1918	H6	35		6		Holmwood (Surrey) > Purley > W Wickham > Bromley (London)	51.18, -0.32	51.42, 0.02
01 June 1919	H5	~8		4		Paulerspury > Whittlebury > Silverstone (Northants)	52.08, -0.93	52.08, -1.02
24 May 1922	H5			5		Mildenhall (Suffolk)	52.35, 0.52	
25 May 1922	H6	10		5		Tunbridge Wells > Bidborough > Speldhurst > Tonbridge (Kent)	51.13, 0.28	51.18, 0.28
22 July 1925	H6	20		(8)		Bexley > Dartford (Kent) > Woolwich > Ilford > Romford > West Ham (London)	51.43, 0.15	51.53, 0.02
18 July 1926	H4-5	45+		7		Seaton (Devon) > Lyme Regis (Dorset) > Combe St Nicholas > Taunton > Bridgwater (Somerset)	50.70, -3.07	51.12, -3.00
18 July 1926	H4-5	5		6	100 × 50 × 25*	Gwennap > Trevince* > Chacewater (Cornwall)	50.22, -5.17	50.25, -5.17
18 July 1926	H5	25		4	32*	Corwen > Llanferris > Pantybuarth* (Clwyd)	52.97, -3.38	53.17, -3.19
29 August 1930	H5	20+		4		Peebles > Heriot > Haddington (Borders) > N Berwick (Lothian)	55.63, -3.18	56.07, -2.72
27 May 1931	H5	35+		4	38*	Tiverton (Devon) > Minehead/ Watchet* (Somerset)	50.90, -3.48	51.17, -3.33
22 September 1935	H6	335	16	8	38-50* ¹ , 50* ²	Newport > Itton* ¹ > St Arvans > Chepstow (Gwent) > Lydney > St Briavels > Stroud > Northleach (Glos) > Shipton-under-Wychwood > Hook Norton > Banbury (Oxon) > Litchborough > Northampton* ² > Rushden (Northants) > (Beds) > Stilton/Holme > Wimblington > Manea > Christchurch (Cams) > Litcham > Bawdeswell > N Walsham > Mundesley (Norfolk)	51.58, -2.99	52.87, 1.42
26 May 1937	H5	30+		2+		Ely > March > Wisbech (Cams) > Ingleshorpe > Terrington St Clement (Norfolk)	52.40, 0.27	52.75, 0.30
07 July 1938	H5	20+		3	≤25*	Warsash > Bishops Waltham* > Durley > Longwood (Hants)	50.85, -1.30	51.02, -1.22
14 June 1942	H5	25				Feering > Ardleigh (Essex) > Dedham (Suffolk) > Langham (Essex) > Stratford St Mary > East Bergholt (Suffolk)	51.85, 0.72	51.97, 1.02
11 May 1945	H5	35		4		Dunton Bassett > Ashby Magna > Kibworth > Turlington (Leics) > Uppingham (Rutland)	52.51, -1.20	52.59, -0.72

(Continued)

8 Appendix A

(Continued)

Date	Intensity					Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width	Max S.C	Max. Diam*			
11 May 1945	H6	30	7	7	75 × 63*, 70*	Eynsham > Oxford N > Kidlington (Oxon) > Bicester/Ambrosden* (Oxon) > Padbury > Buckingham (Bucks)	51.77, -1.38	52.00, -0.98
02 July 1946	H5	65		4	32*	Cottenham > Soham (Cambs) > Mildenhall > Lakenheath (Suffolk) > Santon Downham > Hingham > Marlingford* > Sprowston (Norfolk)	52.28, 0.13	52.66, 1.34
02 July 1946	H5	40		3	25*	(Cambs) > Newmarket (Suffolk) > Tuddenham* > Bury St Edmunds (Suff) > Pakenham > Garboldisham (Norfolk)	52.23, 0.33	52.38, 0.95
02 July 1946	H4-5	85		6-7	50-63*	Outwell > Shouldham Thorpe* > Gayton > Fakenham > Cromer > Sidestrand (Norfolk)	52.6, 0.23	52.90, 1.37
03 July 1946	H5	15		4	32*	Binsted > Bentley > Farnham* > Hale > Puttenham (Surrey/Hampshire)	51.15, -0.88	51.20, -0.67
16 July 1947	H6	65		4		Semer > Sudbury > Market Creeting > Barking Tye > Nedging Tye > Stoke Ash > Brockford (Suffolk) > Diss > Wymondham (Norfolk)	52.08, 0.92	52.57, 1.12
21 May 1950	H5	35		6		Benson (Oxon) > Wingrave > Stewkley > Lindslade (Bucks) > Milton Bryan > Oakley (Beds)	51.63, -1.12	52.17, -0.52
05 November 1955	H5	45		4	25-38*	Therfield (Herts) > Duxford* > Burwell ^p > Fordham (Cambs > Suffolk > Cambs)	52.02, -0.05	52.30, 0.40
27 July 1956	H5	10		4	38*	Alderton > Norton > Foxley > Malmesbury* (Wiltshire)	51.54, -2.23	51.58, -2.08
05 September 1958	H7	150	10-15	8	80*, 70 ^{p1} , 60 ^{p2}	West Wittering > Okehurst Fm ^{p2} > Horsham ^{p1} (W Sussex) > Reigate (Surrey) > Dartford (Kent) > Maldon (Essex) {*@ Southwater and NW Horsham}	50.78, -0.90; 51.57, -2.15	51.72, 0.68
09 July 1959	H5-6	220	10-15	5	38 ^p , 50*	Sutton Scotney > Heckfield (Hants) > Arborfield > Wokingham* ^p (Berks) > Bucks > Welwyn G C (Herts) > Saffron Walden (Essex) > Haverhill > Horseheath > Bury St Edmunds (Suffolk)	50.97, -1.73	52.25, 0.72
13 July 1967	H6	90	8	7	50* ^p	Harpree (Somerset) > Holt > Melksham* ^p (Wilts) > South Cerney > Aldsworth (Glos)	51.32, -2.63	51.78, -1.77
01 July 1968	H6	90		7	63* ¹ , 75 × 60* ^{2p}	Exebridge (Devon) > Dulverton > Minehead* ¹ (Somerset) > Rhoose Airport* ² /Barry (S Glam) > Church Village > Treforest > Pontypridd (Mid Glam) > Tredegar (Gwent)	51.01, -3.52	51.78, -3.25
01 July 1968	H6	35		5+		Start Point > Chillington > Torcross > Slapton > Blackawton > Newton Abbot (Devon)	50.22, -3.63	50.34, -3.66
02 July 1968	H5	125		4+	38 × 32*	Marple > Stalybridge > Mossley (G Manchester) > Huddersfield* > Liversedge > Checkheaton > Yeadon (W Yorks) > Harrogate > Knaresborough > Ripon (N Yorks) > Stockton-on-Tees (N Yorks)	53.40, -2.06	54.58, -1.42

Date	Intensity					Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width	Max S.C	Max. Diam*			
14 July 1975	H5-6	105	7-10	6	50-55* ¹ , 43* ²	Edgbaston > Sutton Coldfield (W Mids) > Stretton* ¹ > Burton-on-Trent (Staffs) > Crich (Derbys) > Mansfield > Warsop* ² > Carburton (Notts)	52.45, -1.94	53.25, -1.08
27 November 1981	H4-5	3		3	30* ^P	Darvel* ^P > Newmilns (Ayrshire)	55.58, -4.28	55.60, -4.32
05 June 1983	H5	200	10-12	5+	42* ^P , 30* ^P , 38* ¹	Chickerell (Dorset) > Poole > Christchurch* ² (Dorset) > Southsea (Hants) > Hayling Island*/Gosport* ¹ (Hants) > Chichester* ¹ (W Sussex) > Eastbourne (E Sussex)	50.62, -2.51	50.77, 0.29
07 June 1983	H5-6	130	10	7	73* ^P , 63* ^{2P} , 60* ^{3P} , 50* ^{4P}	St Martin's, Ruabon (Shropshire) > (Clwyd) > Antrobus* ^{1P} > Lymm* ^{2P} > Kelsall* ^{3P} > Weaverham* ^{4P} (Cheshire) > (G Manch) > (Lancs) > Elslack-in-Craven (N Yorkshire)	52.98, -3.03	53.93, -2.12
07 June 1983	H5	90		5	40-50* ^{1P}	Oswestry > St Martin's, Ruabon (Shropshire) > (Clwyd) > (Cheshire) > Urmston* ^{1P} (Manchester)	52.85, -3.03	53.45, -2.35
07 June 1983	H5	70		7	50-75*	St Harmon* > Caersws > Ceiriog (Powys)	52.34, -3.48	52.93, -3.18
07 June 1983	H4-5	5		4	30*	Aigburth*, Childwall, Huyton, Gateacre (Liverpool, Merseyside)	53.37, -2.93	53.40, -2.85
26 May 1985	H6	75	15	6-7	45* ^P , 50* ² , 60* ^P	Romford (Essex) > High Easter* ^P > Great Dunmow/Barnston* ² > North End* ^P /Pleshey (Essex) > Gt Bardfield > Preston St Mary (Suffolk)	51.57, 0.14	52.12, 0.84
05 July 1985	H4-5	30		4	40*	Norwich > Dilham* > Bacton (Norfolk)	52.63, 1.30	52.85, -1.47
22 August 1987	H4-5	65		4	38*	Copford (Essex) > Stanway* > Colchester NE* > Dedham(Essex) > Woodbridge > Aldeburgh (Suffolk)	51.85, 0.80	52.15, 1.60
18 September 1992	H5	65		5	48 x 42*	Havengore Head > Church End* > Crouch Corner (Essex - Foulness I) > Colchester (Essex) > Hadleigh > Wattisham (Suffolk)	51.56, 0.86	52.12, 0.95
24 June 1994	H4-5	10		4		Trescott (Shropshire) > w.s.w. of Pattingham, Codsall (Staffs)	52.57, -2.23	52.58, -2.27
24 July 1994	H6	35	15	4+	40*	Asfordby > Garthorpe (Leics) > Buckminster > Westby*/Bassingthorpe > Bitchfield > Boothby Pagnell* > Welby (all Lincs)	52.76, -0.94	52.92, -0.55
10 July 1995	H5	6		4	38*	Allington > Sevington > Grittleton* (Wiltshire)	51.47, -2.16	51.52, -2.20
07 June 1996	H4-5	75-80		5	45* ^P	Furneux Pelham (Herts) > Sawston (Cams) > L Shelford* > Cambridge > Bottisham > Lakenheath (Sufolk) > Breckland (Norfolk)	51.93, 0.10	52.43, 0.64
07 June 1996	H5	18		5		Gransden Lodge > Bourn > Elsworth/Histon (Cams)	52.17, -0.13	52.25, -0.09

(Continued)

10 Appendix A

(Continued)

Date	Intensity					Location, or Selected Locations Affected along Hail Swathe if over Swathe >5 km	From Lat. Long	To Lat. Long
	M.I > 3 Severe	Length	Width	Max S.C	Max. Diam*			
07 June 1996	H4-5	165	9	5	45-50* ¹ , 38* ^{1P}	Portland > Crossways* ¹ , E Chaldon > Blandford St Mary > Charlton Marshall* ^{1P} > Tarrant Monkton* (Dorset) > Salisbury > Larkhill (Wilts) > S Fawley (Berks) > E Lockinge > Oxford SE > Aincott (Oxon)	50.54, -2.45	51.85, -1.10
07 June 1996	H6	180	7-8	5+	45* ^P	Hale (Hants)/Salisbury (Wilts) > Andover W (Hants) > Goring (Berks) > Princes Risborough > Cheddington (Bucks) > Dunstable > Luton > Luton, Marsh Fm* (Beds) > Hitchin (Herts) > Comberton (Cams)	50.97, -1.73	52.19, 0.02
17 May 1997	H5	10 (48)	8	5+	38 ^P -45* ¹ , 50* ² , 63 × 18* ³	Thame* ¹ (Oxon) > Long Crendon* ² / Chearsley* ³ > Ashendon (Bucks) > (Buckingham)	51.75, -0.98	52.00, -0.98
15 July 2007	H4-5			3-4	30-35* ^P	Hastings > Fairlight > Brookland (E Sussex) > Rye > Rhodes Minnis > Sellindge > Elham (Kent)* ^P	50.85, 0.60	51.15, 1.15
28 June 2012	H6	120	10	8	80-90* ^{1P}	Berkswell > Coventry (West Mids) > Hinckley* ^{1P} > Birstall (Leics) > Asfordby > Scalford (Leics) > Sleaford > South Kyme (Lincs)	52.40, -1.63	53.03, -0.25