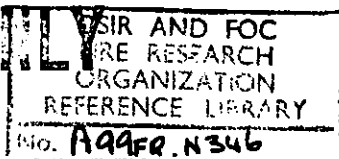


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F.R. Note No. 346
March, 1958
Lab. File A1/1(S)

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH AND FIRE OFFICES' COMMITTEE
JOINT FIRE RESEARCH ORGANIZATION

(19 Cornwall Terrace, Regents Park, London, N.W.1. Telephone: Museum 5030)

PRELIMINARY ANALYSIS OF FIRE REPORTS FROM FIRE BRIGADES IN
GREAT BRITAIN, 1957

The results of a preliminary analysis of reports show that during 1957 the Fire Brigades attended approximately 108 100^{*} fires in England and Wales and approximately 9 500 in Scotland. The number of incidents attended by each Fire Brigade is given in Table 1.

In England and Wales, five firemen lost their lives and approximately 320 firemen were injured. The Fire Service assisted in the rescue of approximately 280 persons from dangerous situations. In Scotland, no member of the Fire Service was killed and approximately 20 were injured. The Fire Service assisted in rescuing approximately 50 persons from dangerous situations. Further details are given in Tables 2 and 3.

* The totals of fires quoted on this page have been rounded off to the nearest hundred, and the totals of non-fatal casualties and of persons rescued to the nearest 10: exact figures will be given in the detailed returns which will be prepared later in the year.

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Corrigendum No.1
F.R. Note No.346

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH AND FIRE OFFICES' COMMITTEE
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PRELIMINARY ANALYSIS OF FIRE REPORTS FROM FIRE BRIGADES IN
GREAT BRITAIN, 1957

The following corrections should be made to the Preliminary Analysis of fire reports from Fire Brigades in Great Britain, 1957:-

1. Page 1, line 2: delete ".. approximately 108 100 fires in England and Wales .."; replace by ".. approximately 108 200 fires in England and Wales .."
2. Page 3, Table 1, County Borough Fire Brigades, Birkenhead: delete the figure 476 in column "Number of fires"; replace by 576.
3. Page 4, Table 1, County Borough Fire Brigades: delete the number 108 063 as total number of fires attended in England and Wales, replace by 108 163.

Table 11

FIRES ATTENDED BY FIRE BRIGADES IN
GREAT BRITAIN, 1957

Note: The figures in this table are based on reports received up to 21st February, 1958; they are subject to slight revision as further information is received.

Fire Brigade	Number of fires
<u>England and Wales - County Fire Brigades</u>	
Anglesey	71
Bedfordshire	790
Berks and Reading	1,081
Brecon Co. and Radnor	112
Buckinghamshire	1,130
Caernarvonshire	229
Cambridgeshire	372
Cardiganshire and Carmarthenshire	408
Cheshire	2,077
Cornwall	522
Cumberland	357
Denbigh and Montgomery	518
Derbyshire	1,596
Devonshire	841
Dorsetshire	951
Durham Co.	1,683
Ely, Isle of	198
Essex	4,828
Flintshire	342
Glamorganshire	1,399
Gloucestershire	809
Hampshire	2,304
Herefordshire	326
Hertfordshire	2,055
Huntingdonshire	223
Kent and Canterbury	4,735
Lancashire	4,636
Leicestershire and Rutland	591
Lincs. (Holland)	191
Lincs. (Kesteven)	216
Lincs. (Lindsey)	534
London C.C.	10,310
Merioneth	79
Middlesex	5,594
Monmouthshire	523
Norfolk	688
Northamptonshire	520
Northumberland	723
Nottinghamshire	1,285
Oxfordshire	347
Pembrokeshire	151
Peterborough, Soke of	172
Salop	771
Scilly, Isle of	-
Somersetshire	803
Staffordshire	2,216
Suffolk, East, Suffolk, West, and Ipswich	1,157
Surrey	3,940
Sussex, East	940
Sussex, West	717
Warwickshire	1,577
Westmorland	130
Wight, Isle of	217

Table 1 (cont.)

FIRES ATTENDED BY FIRE BRIGADES IN
GREAT BRITAIN, 1957

Fire Brigade	Number of fires
<u>England and Wales - County Fire Brigades</u> (contd.)	
Wiltshire	875
Worcester Co. and Worcs. C.B.	1 181
Yorks. (East Riding)	322
Yorks. (North Riding)	779
Yorks. (West Riding)	3 151
<u>England and Wales - County Borough Fire Brigades</u>	
Barnsley	198
Barrow in Furness	140
Bath	203
Birkenhead	476
Birmingham	2 963
Blackburn	267
Blackpool	456
Bolton	326
Bootle	298
Bournemouth	373
Bradford	631
Brighton	360
Bristol	1 172
Burnley	249
Burton on Trent	110
Bury	176
Gardiff	641
Carlisle	180
Chester	245
Coventry	689
Croydon	525
Darlington	203
Derby	466
Dewsbury	206
Doncaster	185
Dudley	186
Eastbourne	107
East Ham	243
Exeter	205
Gloucester	184
Great Yarmouth	130
Grimsby	219
Halifax	196
Hastings	152
Huddersfield	251
Kingston upon Hull	694
Leeds	1 118
Leicester	696
Lincoln	175
Liverpool	2 230
Manchester	1 910
Merthyr Tydfil	89
Middlesbrough	345
Newcastle on Tyne and Gateshead	737
Newport (Mon.)	354
Northampton	201
Norwich	303
Nottingham	707

Table 1 (contd.)

FIRES ATTENDED BY FIRE BRIGADES IN GREAT BRITAIN, 1957

Fire Brigade	Number of Fires
England and Wales - County Borough Fire Brigades (contd.)	
Oldham	308
Oxford	190
Plymouth	409
Portsmouth	478
Preston	281
Rochdale	255
Rotherham	186
St. Helens	202
Salford	356
Sheffield	832
Smethwick and West Bromwich	442
Southampton	605
Southend	296
Southport	195
South Shields	228
Stockport	333
Stoke-on-Trent	449
Sunderland	502
Swansea	286
Tynemouth	172
Wakefield	132
Wallasey	296
Walsall	321
Warrington	213
West Ham	621
West Hartlepool	255
Wigan	167
Wolverhampton	377
York	213
Total number of fires attended in England and Wales	108 063
Scotland	
Glasgow	2 435
Lanark	972
Central	652
Western	936
South Western	690
South Eastern	1 409
Fife	466
Perth and Kinross	243
Angus	777
North Eastern	650
Northern	222
Total number of fires attended in Scotland	9 452

Table 2

NATURE OF INJURIES OF CASUALTIES IN FIRES ATTENDED BY FIRE BRIGADES
IN GREAT BRITAIN, 1957

Nature of injury	England and Wales			Scotland		
	Fire Brigades	Other casualties	Total	Fire Brigades	Other casualties	Total
Fatal casualties						
Burns and scalds	-	356	356	-	41	41
Overcome by gas or smoke ...	-	66	66	-	8	8
Other and undefined injuries	5	14	19	-	4	4
Total	5	436	441	-	53	53
Non-fatal casualties						
Burns and scalds	89	2 069	2 158	5	85	90
Bruises, cuts, abrasions ...	132	142	274	11	4	15
Dislocations, sprains, fractures	32	29	61	2	4	6
Overcome by gas or smoke ...	23	97	120	-	24	24
Shock	2	233	235	-	38	38
Other and undefined injuries	46	54	100	4	12	16
Total	324	2 624	2 948	22	167	189
Total casualties	329	3 060	3 389	22	220	242

Notes: The figures in this table are based on reports received up to 21st February, 1958: they are subject to slight revision as further information is received.

Casualties who suffered more than one type of injury have been classified according to the nature of the more serious injury.

Table 3

PERSONS RESCUED OR ESCAPED BY EMERGENCY MEANS FROM FIRES ATTENDED BY
FIRE BRIGADES IN GREAT BRITAIN, 1957

Note: The figures in this table are based on reports received up to
21st February, 1958: they are subject to slight revision as
further information is received

Appliances or methods used	Number of persons	
	England and Wales	Scotland
Rescue with Fire Brigade assistance from		
Buildings		
Automatic escape line	-	-
Escape (hand operated)	33	6
Ladder, extension	106	5
first floor	1	-
turntable (hand)	-	-
turntable (mechanical)	4	-
other or undefined	6	-
Ladder and line	4	4
Line	-	-
Other apparatus	3	-
Without apparatus	118	33
Ships	4	-
Road vehicles	-	-
Total	279	48
Rescue without Fire Brigade assistance from		
Aircraft	5	-
Buildings		
Automatic escape line	-	-
Carried or assisted out	166	29
Jumping sheet	-	-
Ladder	65	3
Lowered from windows, roof, etc.	62	7
Other or undefined methods	10	-
Ships	7	-
Road vehicles	10	-
Total	325	39
Escape by emergency means from		
Aircraft		
Baled out	9	-
Through exits or from debris	-	1
Thrown clear	6	-
Other or undefined methods	15	-
Buildings		
Automatic escape line	1	-
Climbing over roof	6	-
Fixed fire escape	17	-
Jumping from upstairs window, roof	177	9
Ladder	22	-
Sliding down drainpipe, sheets, rope, etc.	31	-
Through ground floor windows	9	-
Other or undefined methods	35	1
Ships	8	-
Road vehicles	17	-
Caravans	2	-
Total	355	11
Total persons rescued or escaped	959	98