

Defence Analytical Services & Advice
(Price Indices)



SEARCH & RESCUE

ANNUAL
REPORT
2010



DASA is keen to listen to customers and is always happy to consider any suggestions which may improve our service. The DASA Price Indices (PI) SAR team is:

Daniel Turner.....Tel: 030 679 34524

E-mail: DASADESA-PI-1@mod.uk

Paul Sherwood.....Tel: 030 679 34553

E-mail: DASADESA-PI-OutputMgr@mod.uk

Craig Corbet.....Tel: 030 679 32100

E-mail: DASADESA-PI-HOB@mod.uk

Our Address is: DASA Price Indices
Mailpoint 2124
Maple 1a
Abbey Wood
Bristol, BS34 8JH

This report is available at:

www.dasa.mod.uk

or:

www.statistics.gov.uk



defence analytical services and advice

SEARCH AND RESCUE STATISTICS 2010

INTRODUCTION

The Royal Air Force and Royal Navy provide an essential service to the Search and Rescue (SAR) effort around the UK forming part of the national UK SAR coverage throughout the year for air, land and maritime operations. The military SAR teams' primary purpose is to recover aircrew from crashed military aircraft although, each year, the vast majority of callouts are to civilian incidents. They regularly work alongside other organisations, authorities and government departments involved in national SAR – for instance: the Coastguard, RNLI, Voluntary Mountain Rescue, Police, Ambulance and Fire services. The SAR force currently consists of RAF and RN SAR Sea King helicopters operating from eight locations around the UK, specially equipped RAF Nimrod aircraft based in RAF Kinloss in Scotland and four RAF Mountain Rescue Teams. Two overseas SAR helicopter units operate in Cyprus and the Falklands. UK SAR operations are controlled by the RAF Aeronautical Rescue Co-ordination Centre, Kinloss (ARCC), covering an area extending from the Faroe Islands in the North, the English Channel and approximately halfway across the Atlantic Ocean. In addition the Coastguard have four helicopter units around the UK regularly liaising with ARCC Kinloss. Data for this report is provided by ARCC Kinloss and the Maritime & Coastguard Agency.



DASA has published Military SAR statistics since its inception in 1992. This area of business forms part of the services provided by DASA (Equipment & Personnel Analysis) and provides SAR statistics to a variety of customers. The Service Level Agreement for SAR is held with Air Officer Commanding, No 2 Group, and covers all our regular publications which we provide for the RAF and RN SAR crews, SAR policy, operations, project and finance teams and interested external customers such as the Coastguard. We also answer ad-hoc queries, freedom of information queries and parliamentary questions throughout the year.

We are constantly seeking ways to improve the quality of our statistics and the way we conduct business. We intend to continue working with our data suppliers and customers to maintain and improve our service wherever possible. Since September 2003 we have an electronic data link with ARCC Kinloss which has streamlined the SAR process and improved data quality.

We have sought to improve accessibility to our data and as well as publishing our regular reports on the Mod Website we also publish SAR annually in UK Defence Statistics (Modweb and <http://www.dasa.mod.uk>). Quarterly and annual National Statistics publications can be found at www.dasa.mod.uk/natstats/natstatsindex.html.

Key Points

- In total, there were 2,050 callouts attended in 2010 by RAF and Navy Helicopters, Nimrod aircraft and Mountain Rescue Teams – a 15% decrease from the 2009 figure.
- The number of Persons Assisted decreased 12% from 2009, to 1,647 individuals.
- On 2 June 2010 two RAF helicopters, a Royal Navy helicopter and a RAF mountain rescue team were deployed to provide support to the Cumbrian police and medical services after a multiple shooting incident.
- A RAF helicopter based in Cyprus assisted with the recovery efforts after an Ethiopian Airlines airliner crashed in the Mediterranean in January 2010.
- 97% of callouts in 2010 were in or around the UK. The others were in or around Cyprus or the Falkland Islands. The number of overseas callouts decreased by 16% from 2009.

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SAR Definitions

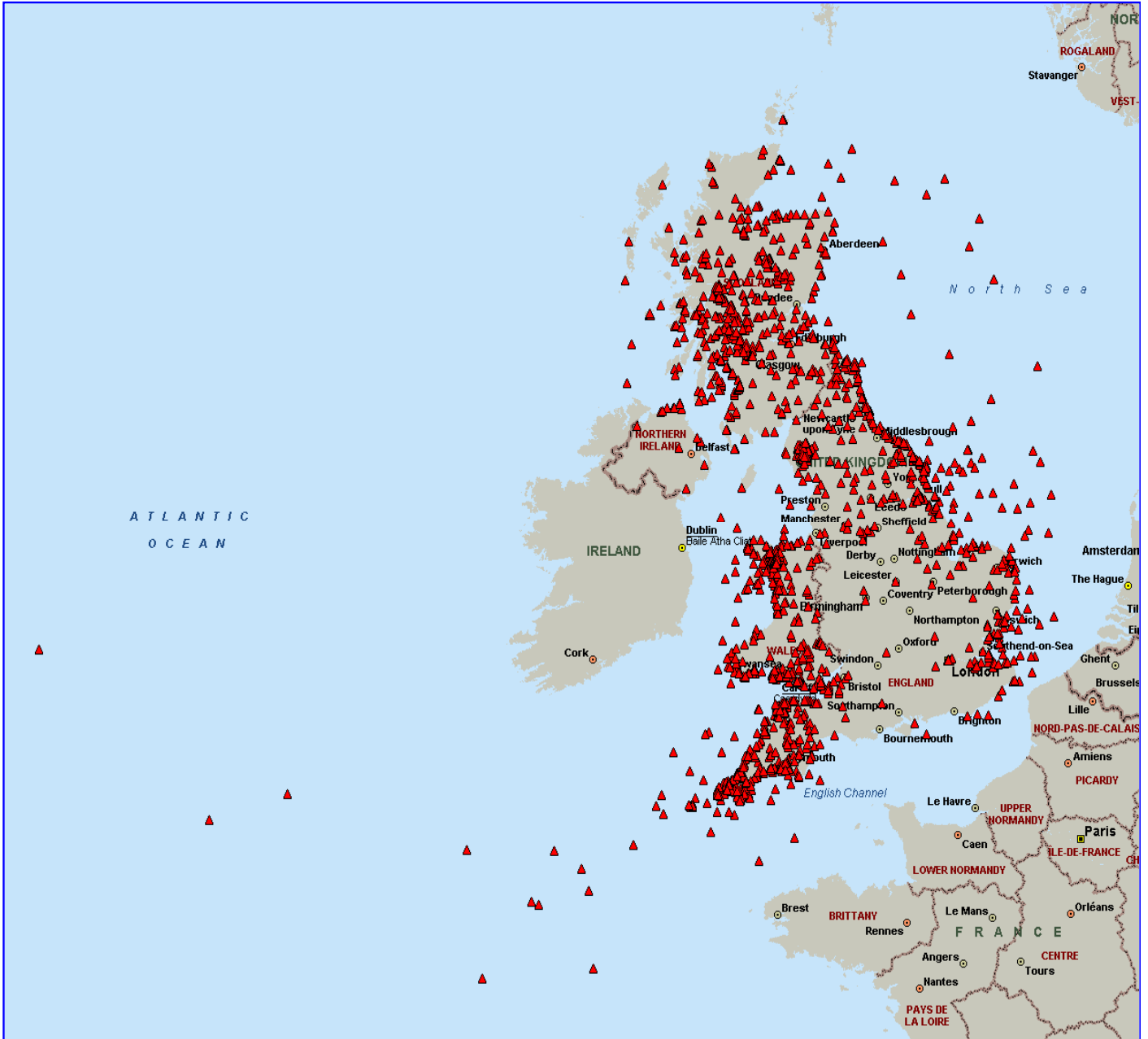
The logo for the Department of the Air Force (DFA) is located in the bottom right corner. It consists of the letters 'DFA' in a stylized, cursive font, with a horizontal line underneath the letters.

SECTION 1

SUMMARIES

UK SAR CALLOUTS - 2010

Total Callouts



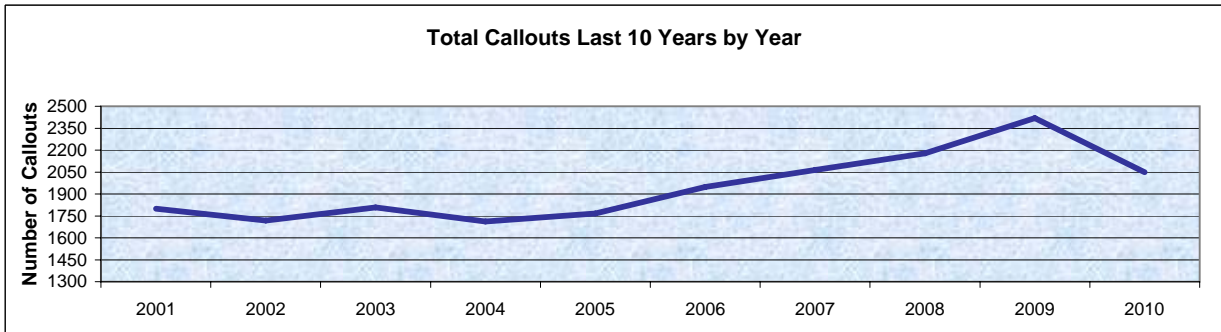
UK & Overseas SAR Summary: 2001 - 2010

| | Total Callouts | UK Helicopters | Overseas Helicopters | Fixed Wing Aircraft | Mountain Rescue | Marine Craft | Persons Moved |
|-------------|----------------|----------------|----------------------|---------------------|-----------------|--------------|---------------|
| 2001 | 1800 | 1617 | 37 | 55 | 91 | 0 | 1207 |
| 2002 | 1718 | 1558 | 34 | 47 | 79 | 0 | 1251 |
| 2003 | 1809 | 1597 | 91 | 37 | 80 | 4 | 1333 |
| 2004 | 1711 | 1532 | 67 | 39 | 67 | 6 | 1449 |
| 2005 | 1766 | 1592 | 63 | 37 | 73 | 1 | 1431 |
| 2006 | 1948 | 1756 | 73 | 33 | 86 | 0 | 1538 |
| 2007 | 2065 | 1850 | 92 | 21 | 102 | 0 | 1817 |
| 2008 | 2179 | 1963 | 96 | 29 | 91 | 0 | 1763 |
| 2009 | 2418 | 2237 | 81 | 14 | 86 | 0 | 1873 |
| 2010 | 2050 | 1921 | 67 | 3 | 59 | 0 | 1647 |

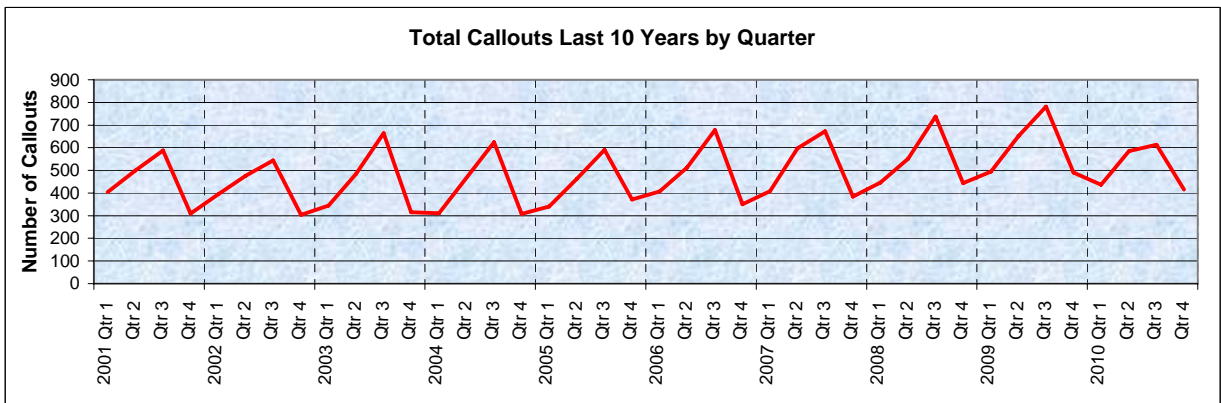
| | Total Callouts | UK Helicopters | Overseas Helicopters | Fixed Wing Aircraft | Mountain Rescue | Marine Craft | Persons Moved |
|-------------|----------------|----------------|----------------------|---------------------|-----------------|--------------|---------------|
| 2009 | | | | | | | |
| January | 173 | 155 | 12 | 0 | 6 | 0 | 129 |
| February | 171 | 151 | 7 | 2 | 11 | 0 | 122 |
| March | 151 | 138 | 6 | 2 | 5 | 0 | 114 |
| | | | | | | | |
| April | 202 | 190 | 3 | 2 | 7 | 0 | 155 |
| May | 247 | 235 | 2 | 1 | 9 | 0 | 182 |
| June | 203 | 185 | 10 | 3 | 5 | 0 | 152 |
| | | | | | | | |
| July | 280 | 266 | 4 | 1 | 9 | 0 | 204 |
| August | 288 | 275 | 6 | 0 | 7 | 0 | 192 |
| September | 213 | 199 | 3 | 1 | 10 | 0 | 159 |
| | | | | | | | |
| October | 169 | 152 | 9 | 1 | 7 | 0 | 122 |
| November | 153 | 145 | 4 | 0 | 4 | 0 | 141 |
| December | 168 | 146 | 15 | 1 | 6 | 0 | 201 |
| | | | | | | | |
| 2010 | | | | | | | |
| January | 170 | 161 | 1 | 1 | 7 | 0 | 136 |
| February | 136 | 121 | 10 | 0 | 5 | 0 | 117 |
| March | 131 | 113 | 8 | 2 | 8 | 0 | 100 |
| | | | | | | | |
| April | 155 | 153 | 1 | 0 | 1 | 0 | 149 |
| May | 195 | 181 | 6 | 0 | 8 | 0 | 163 |
| June | 235 | 224 | 8 | 0 | 3 | 0 | 153 |
| | | | | | | | |
| July | 228 | 222 | 2 | 0 | 4 | 0 | 176 |
| August | 225 | 216 | 6 | 0 | 3 | 0 | 211 |
| September | 160 | 147 | 8 | 0 | 5 | 0 | 114 |
| | | | | | | | |
| October | 162 | 150 | 4 | 0 | 8 | 0 | 135 |
| November | 127 | 114 | 9 | 0 | 4 | 0 | 85 |
| December | 126 | 119 | 4 | 0 | 3 | 0 | 108 |



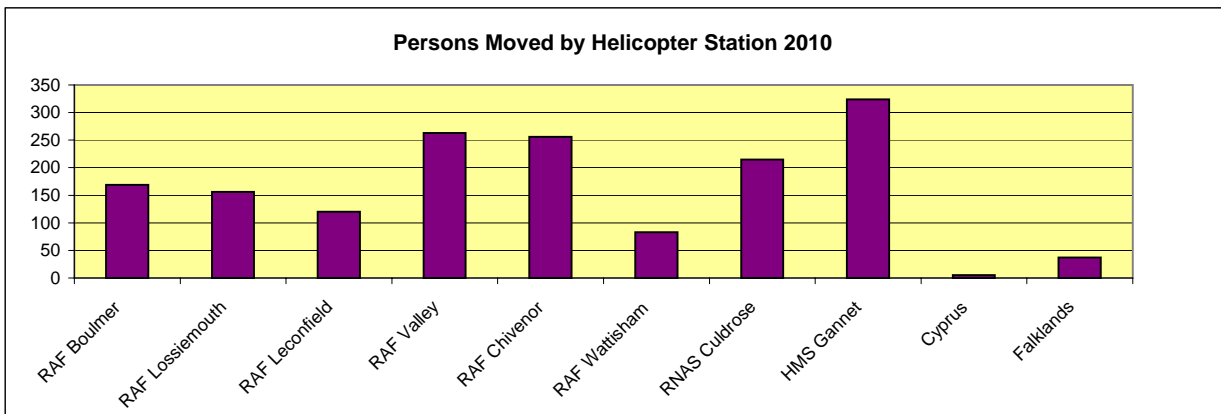
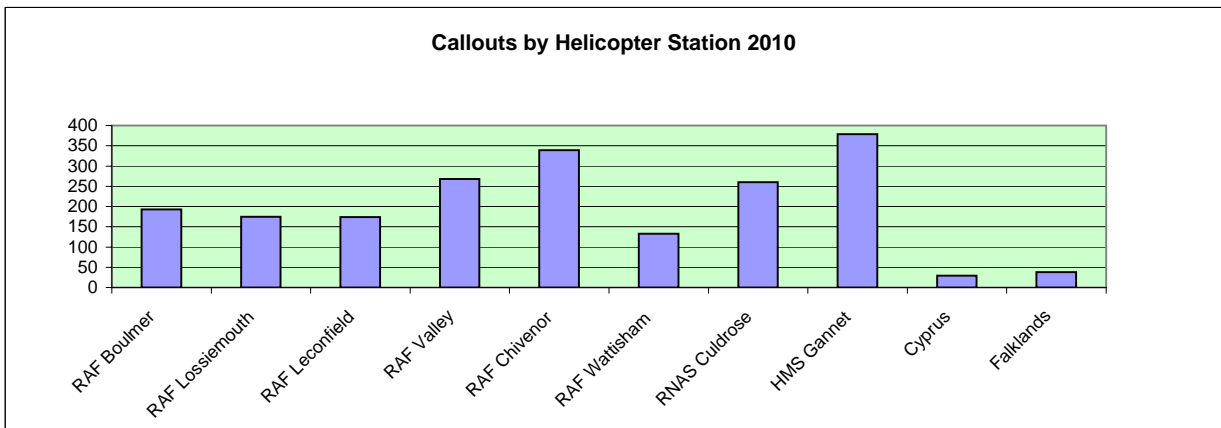
UK & Overseas SAR Summary: 2001 - 2010



The above graph shows that during the early part of the decade the number of annual SAR callouts was fairly constant. Between 2004 and 2009 there was a steady increase in the number of callouts. This trend was halted in 2010, with the number of callouts falling back to roughly the 2007 level.



The above graph shows a fairly regular seasonal pattern of SAR activity during the last ten years. The busiest time is usually during the summer months, coinciding with an increase in civilian outdoor recreational activity throughout the UK. During 2010, the number of callouts during Qtr 3 was notably lower than in previous years. The number of callouts are normally at their lowest level during the 1st and 4th quarters of each year.



Helicopter Summary by Unit: 2001 - 2010

CALLOUTS

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RAF Boulmer | 132 | 146 | 194 | 166 | 144 | 206 | 170 | 211 | 214 | 193 |
| RAF Lossiemouth | 230 | 216 | 201 | 190 | 200 | 217 | 188 | 275 | 236 | 175 |
| RAF Leconfield | 139 | 155 | 150 | 136 | 135 | 147 | 222 | 232 | 204 | 174 |
| RAF Valley | 223 | 214 | 238 | 230 | 218 | 225 | 234 | 222 | 322 | 268 |
| RAF Chivenor | 197 | 239 | 221 | 216 | 281 | 293 | 256 | 262 | 340 | 339 |
| RAF Wattisham | 175 | 138 | 164 | 137 | 131 | 163 | 183 | 174 | 162 | 133 |
| RNAS Culdrose | 255 | 209 | 181 | 203 | 211 | 228 | 231 | 204 | 311 | 260 |
| HMS Gannet | 247 | 226 | 243 | 250 | 267 | 269 | 359 | 382 | 447 | 379 |
| Cyprus | 18 | 15 | 54 | 46 | 39 | 35 | 53 | 30 | 36 | 29 |
| Falklands | 19 | 19 | 37 | 21 | 24 | 38 | 39 | 66 | 45 | 38 |
| UK Closed Stations | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UK Other Helicopters | 3 | 9 | 5 | 4 | 5 | 8 | 7 | 1 | 1 | 0 |
| Total | 1654 | 1592 | 1688 | 1599 | 1655 | 1829 | 1942 | 2059 | 2318 | 1988 |

PERSONS

| | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| RAF Boulmer | 91 | 104 | 134 | 134 | 136 | 132 | 136 | 185 | 149 | 169 |
| RAF Lossiemouth | 146 | 179 | 184 | 199 | 181 | 180 | 160 | 199 | 171 | 156 |
| RAF Leconfield | 114 | 192 | 95 | 114 | 94 | 125 | 315 | 163 | 132 | 120 |
| RAF Valley | 170 | 193 | 206 | 196 | 195 | 202 | 236 | 217 | 296 | 263 |
| RAF Chivenor | 130 | 163 | 199 | 248 | 216 | 213 | 224 | 211 | 304 | 256 |
| RAF Wattisham | 119 | 63 | 100 | 75 | 83 | 110 | 122 | 87 | 82 | 83 |
| RNAS Culdrose | 198 | 176 | 133 | 205 | 154 | 176 | 220 | 169 | 278 | 215 |
| HMS Gannet | 188 | 138 | 187 | 211 | 226 | 303 | 286 | 347 | 378 | 324 |
| Cyprus | 3 | 6 | 13 | 9 | 17 | 5 | 11 | 5 | 9 | 5 |
| Falklands | 22 | 21 | 43 | 26 | 30 | 70 | 39 | 151 | 54 | 37 |
| UK Closed Stations | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| UK Other Helicopters | 1 | 3 | 4 | 12 | 2 | 6 | 27 | 0 | 1 | 0 |
| Total | 1192 | 1241 | 1298 | 1429 | 1334 | 1522 | 1776 | 1734 | 1854 | 1628 |

'UK Closed':
RAF Aldergrove

'UK Others': RAF Others, RN Others, Army helicopters,
Other Helicopters, Contractorised



Summary of UK SAR Helicopter Callouts: 2001 - 2010

Annual Totals - Callouts

| YEAR | Total Callouts | Rescue | Search-Rescue | Medrescue | Search-Medrescue | Medtransfer | Recovery | Search-Recovery | Transfer | Civ Aid | Search | Top Cover | Assist | Search-Assist | Recall | Not Req | False Alarm | Hoax | Precaution | Aborted | Search-Aborted |
|------|----------------|--------|---------------|-----------|------------------|-------------|----------|-----------------|----------|---------|--------|-----------|--------|---------------|--------|---------|-------------|------|------------|---------|----------------|
| 2001 | 1617 | 116 | 0 | 558 | 0 | 218 | 33 | 0 | 7 | 3 | 272 | 36 | 62 | 0 | 163 | 104 | 16 | 6 | 16 | 7 | 0 |
| 2002 | 1558 | 109 | 0 | 581 | 0 | 198 | 19 | 0 | 5 | 4 | 262 | 28 | 39 | 0 | 165 | 97 | 15 | 2 | 20 | 14 | 0 |
| 2003 | 1597 | 113 | 0 | 662 | 0 | 174 | 24 | 0 | 14 | 1 | 232 | 34 | 30 | 0 | 172 | 92 | 16 | 6 | 4 | 23 | 0 |
| 2004 | 1532 | 117 | 0 | 588 | 0 | 185 | 26 | 0 | 15 | 3 | 242 | 35 | 41 | 0 | 178 | 58 | 15 | 8 | 9 | 12 | 0 |
| 2005 | 1592 | 114 | 0 | 661 | 0 | 141 | 30 | 0 | 22 | 5 | 244 | 38 | 25 | 0 | 181 | 97 | 10 | 6 | 4 | 14 | 0 |
| 2006 | 1756 | 99 | 0 | 733 | 0 | 175 | 32 | 0 | 23 | 0 | 283 | 26 | 32 | 0 | 221 | 82 | 9 | 10 | 7 | 24 | 0 |
| 2007 | 1850 | 105 | 30 | 679 | 38 | 197 | 15 | 2 | 15 | 7 | 277 | 34 | 22 | 36 | 210 | 111 | 25 | 12 | 5 | 25 | 5 |
| 2008 | 1963 | 98 | 33 | 717 | 55 | 208 | 27 | 8 | 10 | 3 | 285 | 14 | 25 | 53 | 274 | 79 | 30 | 14 | 1 | 21 | 8 |
| 2009 | 2237 | 95 | 75 | 885 | 58 | 213 | 18 | 15 | 14 | 1 | 285 | 28 | 34 | 46 | 280 | 103 | 35 | 11 | 2 | 32 | 7 |
| 2010 | 1921 | 104 | 40 | 813 | 60 | 202 | 13 | 6 | 9 | 2 | 185 | 21 | 31 | 18 | 241 | 87 | 29 | 15 | 9 | 33 | 3 |

Annual Totals - Persons

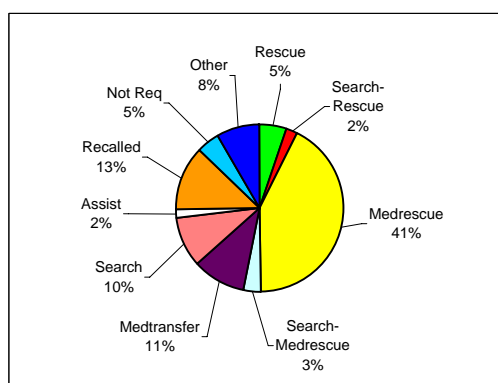
| YEAR | Total Persons | Rescue | Search-rescue | Medrescue | Search-Medrescue | Medtransfer | Recovery | Search-Recovery | Transfer |
|------|---------------|--------|---------------|-----------|------------------|-------------|----------|-----------------|----------|
| 2001 | 1167 | 273 | 0 | 625 | 0 | 228 | 33 | 0 | 8 |
| 2002 | 1214 | 337 | 0 | 652 | 0 | 201 | 19 | 0 | 5 |
| 2003 | 1242 | 259 | 0 | 770 | 0 | 174 | 24 | 0 | 15 |
| 2004 | 1394 | 485 | 0 | 667 | 0 | 194 | 30 | 0 | 18 |
| 2005 | 1287 | 321 | 0 | 769 | 0 | 143 | 30 | 0 | 24 |
| 2006 | 1447 | 376 | 0 | 827 | 0 | 175 | 38 | 0 | 31 |
| 2007 | 1726 | 574 | 56 | 807 | 56 | 198 | 16 | 2 | 17 |
| 2008 | 1578 | 367 | 70 | 793 | 65 | 219 | 27 | 8 | 29 |
| 2009 | 1791 | 285 | 155 | 987 | 69 | 224 | 21 | 17 | 33 |
| 2010 | 1586 | 289 | 82 | 890 | 67 | 219 | 15 | 6 | 18 |

Annual Callouts by Location

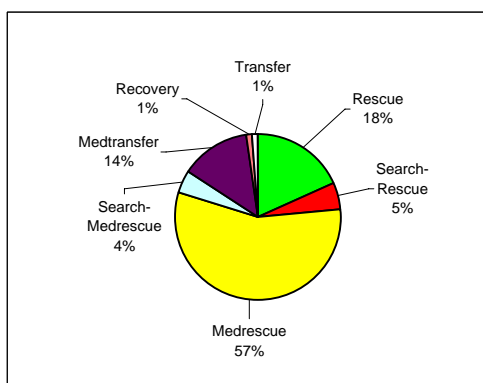
| YEAR | Total Callouts | Land | Coast | Cliff* | Maritime |
|------|----------------|------|-------|--------|----------|
| 2001 | 1617 | 745 | 540 | 34 | 298 |
| 2002 | 1558 | 743 | 469 | 46 | 300 |
| 2003 | 1597 | 766 | 586 | 0 | 245 |
| 2004 | 1532 | 739 | 523 | 0 | 270 |
| 2005 | 1592 | 751 | 611 | 0 | 230 |
| 2006 | 1756 | 887 | 618 | 0 | 251 |
| 2007 | 1850 | 947 | 609 | 0 | 294 |
| 2008 | 1963 | 1211 | 450 | 0 | 302 |
| 2009 | 2237 | 1495 | 535 | 0 | 207 |
| 2010 | 1921 | 1290 | 466 | 0 | 165 |

* From 1 January 2003 the use of 'Cliff' was discontinued and included in 'Coast'.

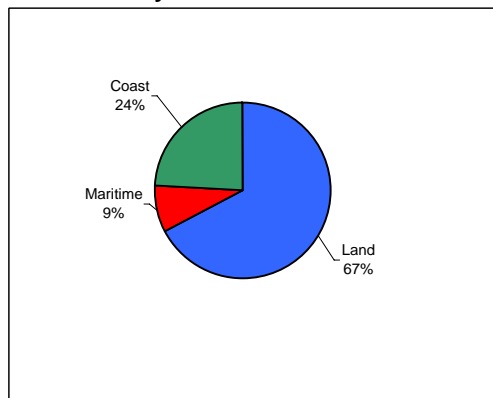
Callouts By Type of Assistance - 2010



Persons By Type of Assistance - 2010



Callouts by Incident Location - 2010



UK helicopters accounted for 94% of total callouts during 2010 - a similar proportion to last year. 'Medrescue' callouts continue to form the largest share - 41% in 2010, an increase from 39% last year.

The number of persons moved decreased to 1586 in 2010. In 2007 and 2009 there were a number of large single incidents, such as the flooding in Cockermouth in 2009 and Gloucester in 2007, which were largely absent in 2010. The most people rescued in a single incident were a group of 11 walkers rescued from a hill in Wales in August.

67% of all UK helicopter callouts were Land based in 2010, the same proportion as in 2009..

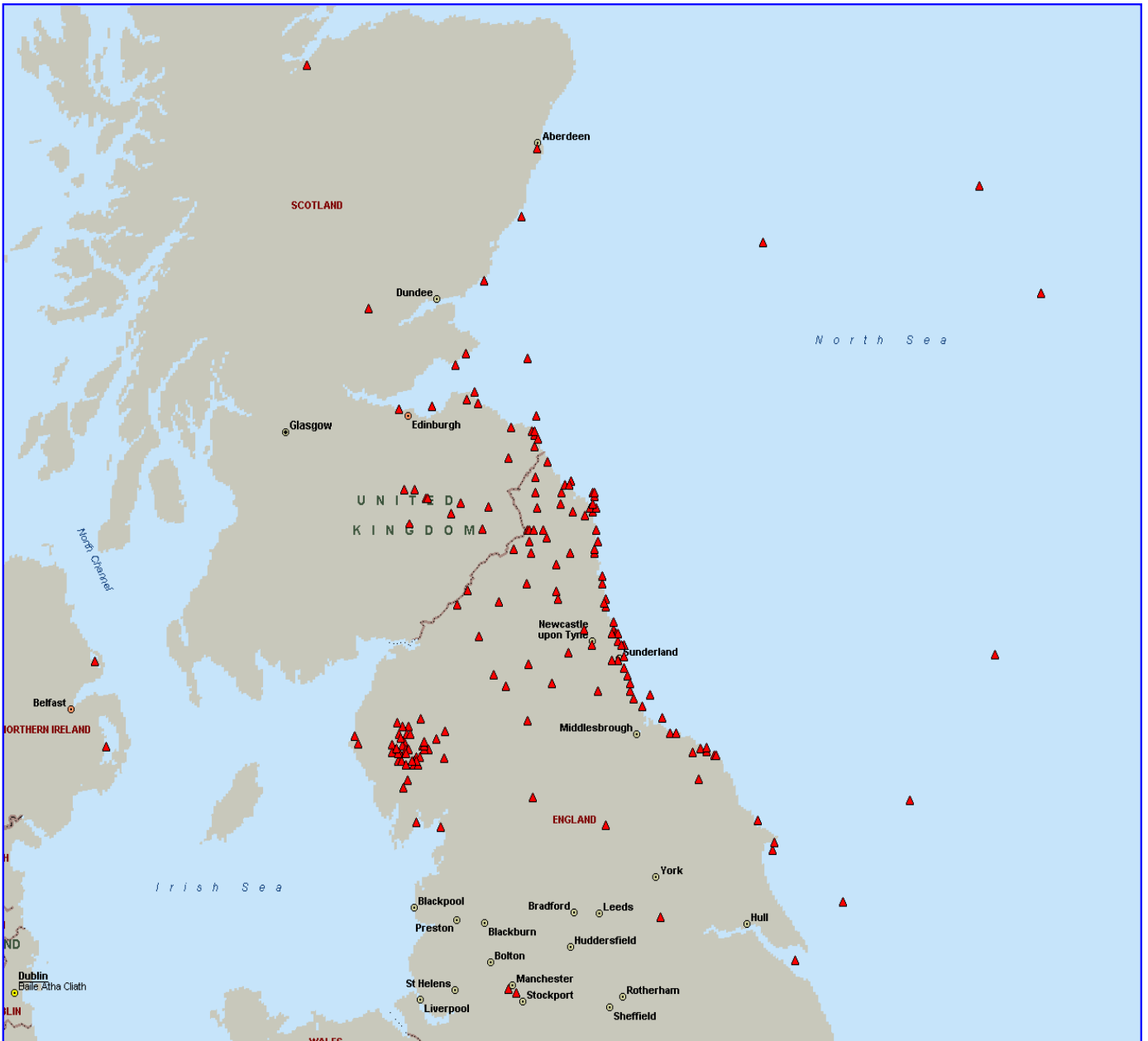


SECTION 2

UK HELICOPTERS

UK SAR HELICOPTER CALLOUTS - 2010

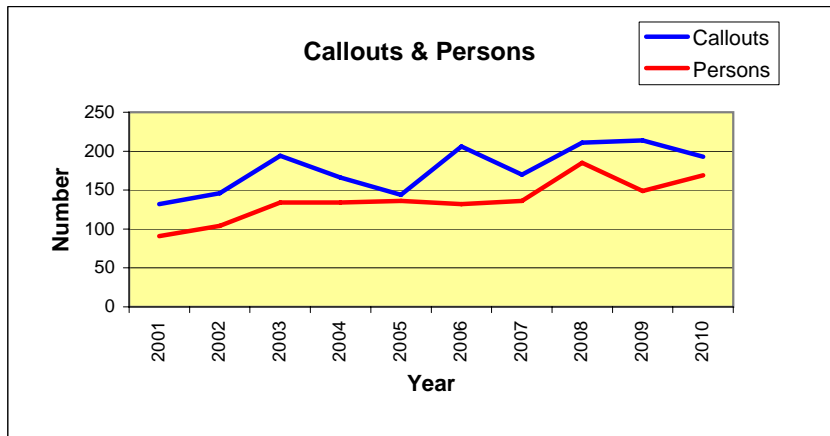
RAF Boulmer



RAF Boulmer - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 132 | 91 |
| 2002 | 146 | 104 |
| 2003 | 194 | 134 |
| 2004 | 166 | 134 |
| 2005 | 144 | 136 |
| 2006 | 206 | 132 |
| 2007 | 170 | 136 |
| 2008 | 211 | 185 |
| 2009 | 214 | 149 |
| 2010 | 193 | 169 |



Monthly Totals

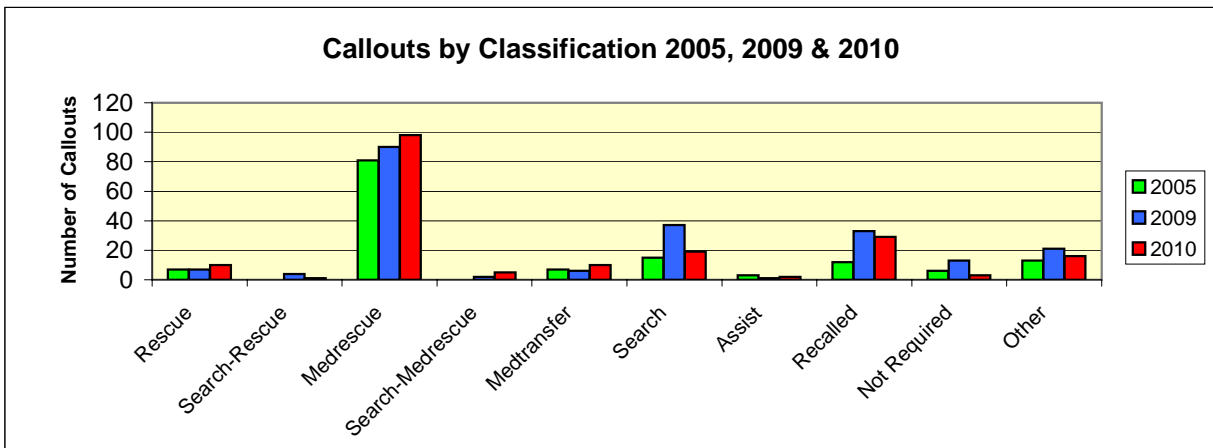
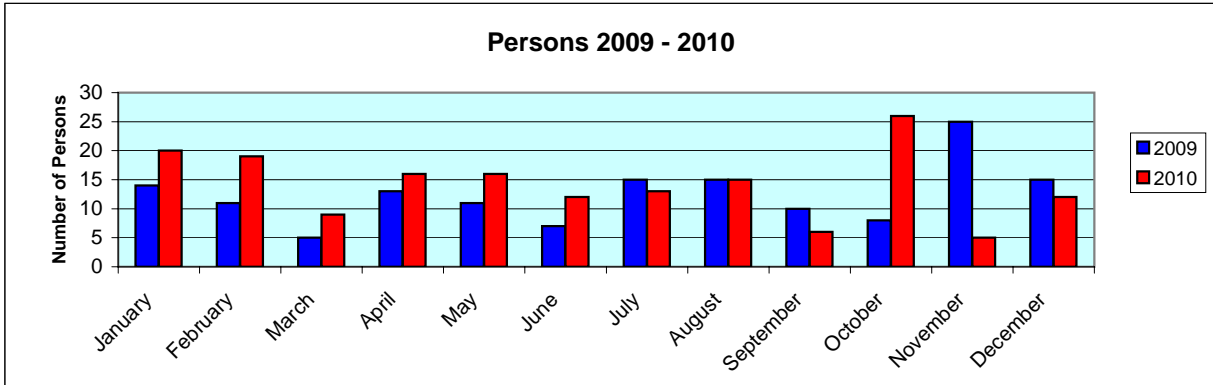
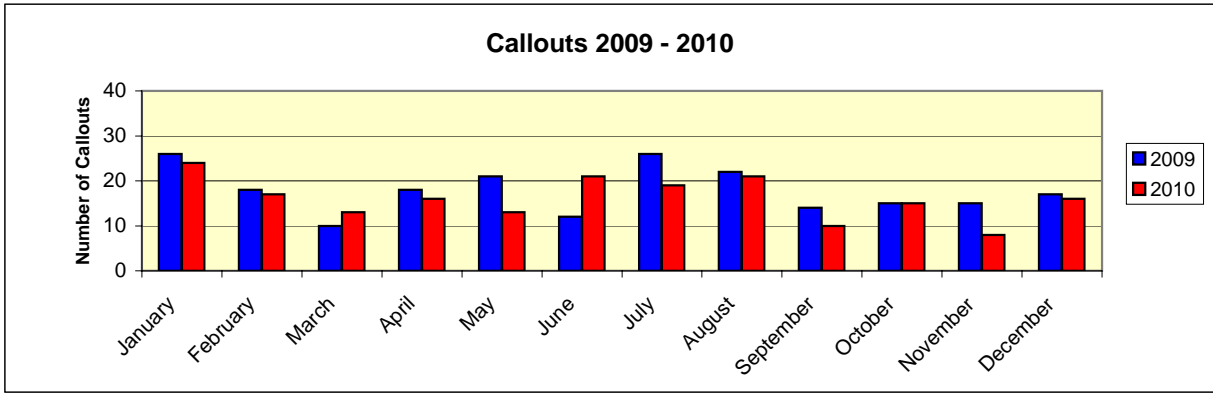
| | | Callouts | Persons |
|---------------|-----------|------------|------------|
| 2010 | January | 24 | 20 |
| | February | 17 | 19 |
| | March | 13 | 9 |
| | April | 16 | 16 |
| | May | 13 | 16 |
| | June | 21 | 12 |
| | July | 19 | 13 |
| | August | 21 | 15 |
| | September | 10 | 6 |
| | October | 15 | 26 |
| | November | 8 | 5 |
| | December | 16 | 12 |
| Total: | | 193 | 169 |

| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------------------|-------------|------------------------------------------------|-----------|
| | 2009 | 2010 | 2009 | 2010 |
| January | 1.53 | 1.51 | 65 | 55 |
| February | 2.23 | 2.04 | 59 | 54 |
| March | 1.42 | 1.38 | 43 | 56 |
| April | 2.32 | 1.46 | 69 | 57 |
| May | 1.36 | 2.14 | 47 | 64 |
| June | 1.40 | 1.35 | 58 | 56 |
| July | 1.14 | 1.22 | 47 | 49 |
| August | 1.09 | 2.04 | 37 | 44 |
| September | 1.15 | 1.46 | 32 | 46 |
| October | 1.45 | 1.55 | 46 | 64 |
| November | 2.13 | 1.54 | 60 | 68 |
| December | 1.39 | 1.46 | 56 | 45 |
| Annual Average: | 1.45 | 1.49 | 52 | 54 |

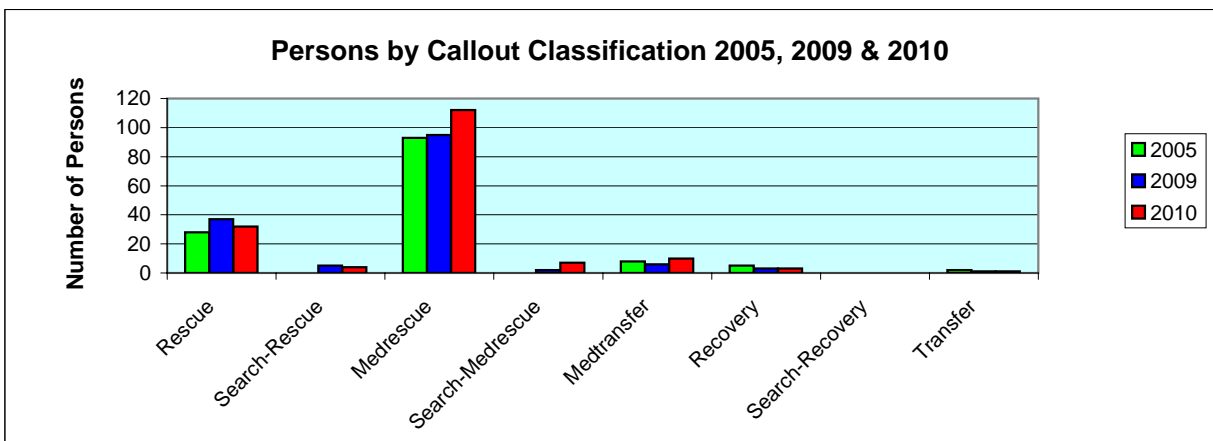
* 'Average Flying Hours' are expressed in Hours and Minutes.
 (Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).



RAF Boulmer - Helicopters

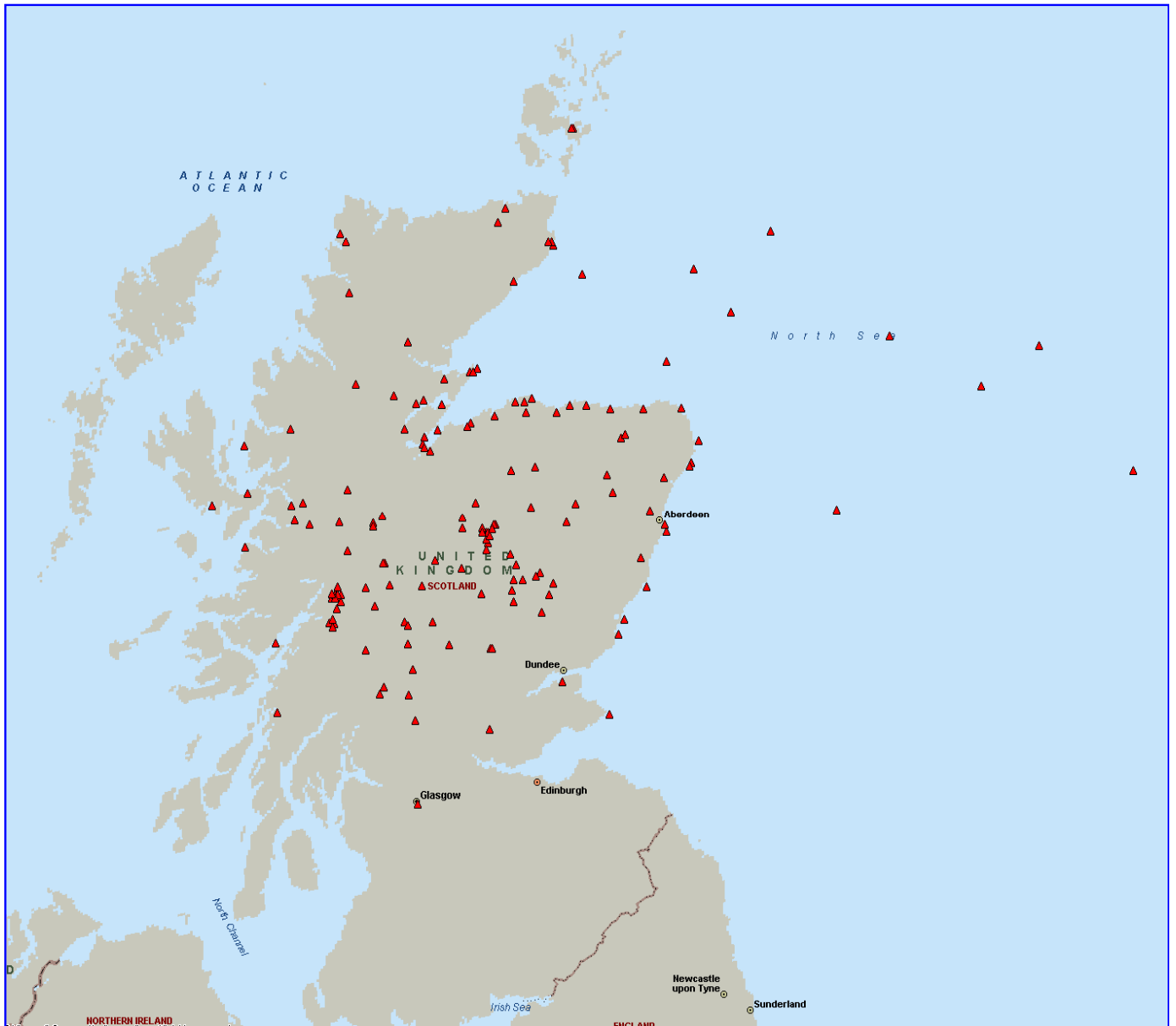


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

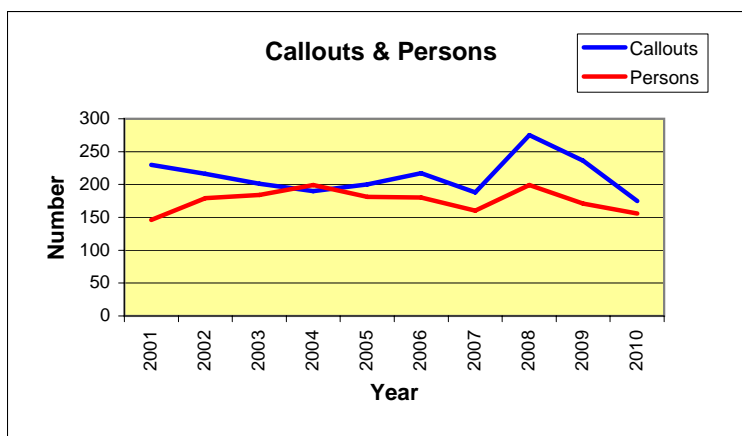
RAF Lossiemouth



RAF Lossiemouth - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 230 | 146 |
| 2002 | 216 | 179 |
| 2003 | 201 | 184 |
| 2004 | 190 | 199 |
| 2005 | 200 | 181 |
| 2006 | 217 | 180 |
| 2007 | 188 | 160 |
| 2008 | 275 | 199 |
| 2009 | 236 | 171 |
| 2010 | 175 | 156 |



Monthly Totals

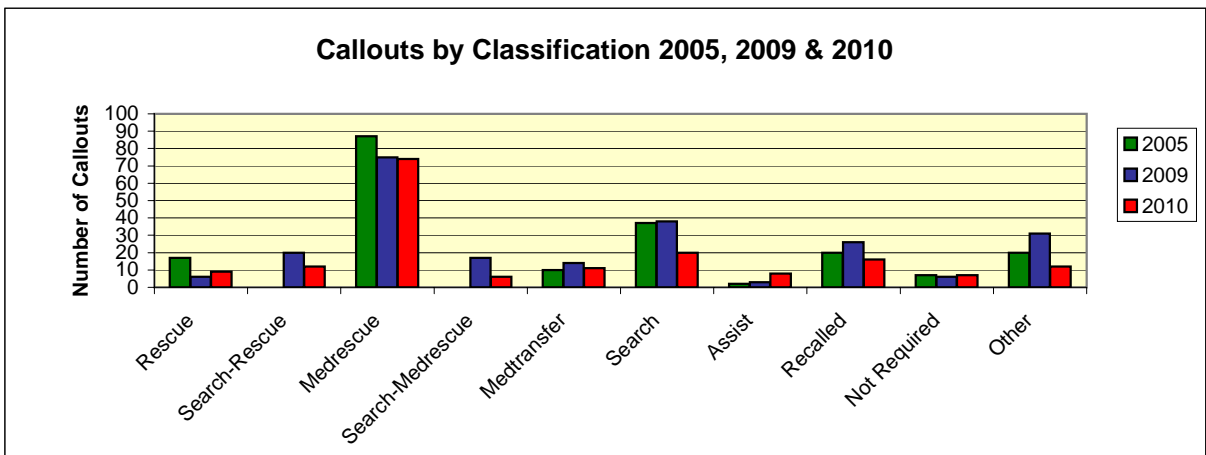
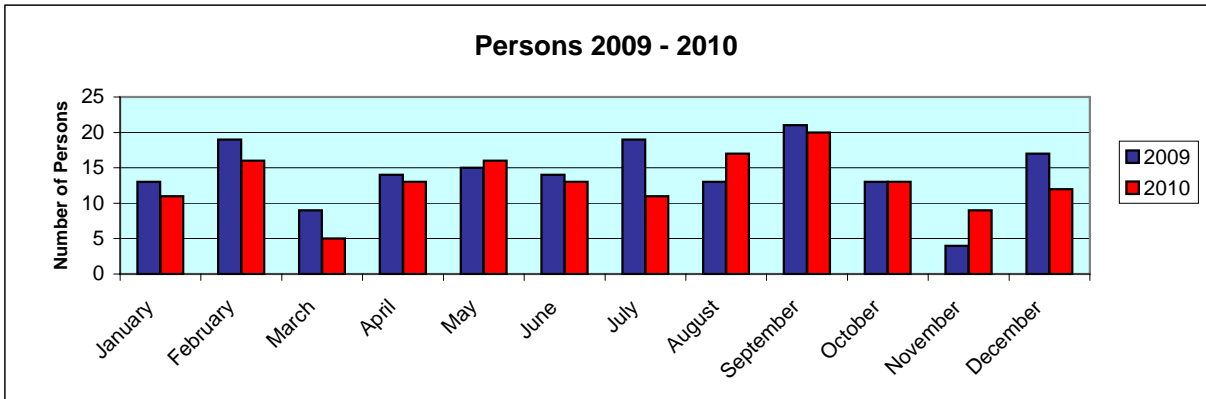
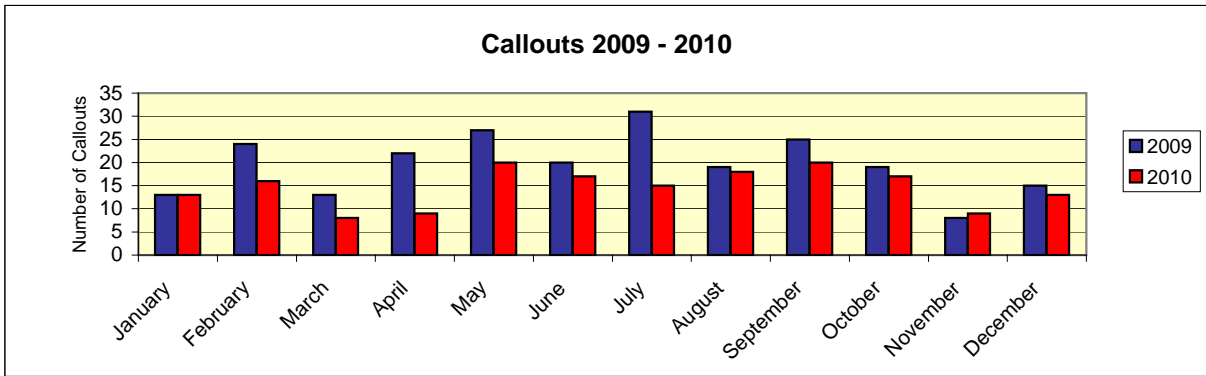
| | | Callouts | Persons |
|---------------|-----------|------------|------------|
| 2010 | January | 13 | 11 |
| | February | 16 | 16 |
| | March | 8 | 5 |
| | April | 9 | 13 |
| | May | 20 | 16 |
| | June | 17 | 13 |
| | July | 15 | 11 |
| | August | 18 | 17 |
| | September | 20 | 20 |
| | October | 17 | 13 |
| | November | 9 | 9 |
| | December | 13 | 12 |
| Total: | | 175 | 156 |

| | | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------|-----------------------|-------------|------------------------------------------------|-----------|
| | | 2009 | 2010 | 2009 | 2010 |
| | January | 2.28 | 2.48 | 45 | 55 |
| | February | 3.19 | 1.41 | 61 | 47 |
| | March | 2.06 | 1.50 | 44 | 52 |
| | April | 2.07 | 3.07 | 74 | 66 |
| | May | 2.24 | 1.34 | 63 | 54 |
| | June | 1.49 | 1.52 | 55 | 56 |
| | July | 2.03 | 1.47 | 58 | 68 |
| | August | 2.31 | 2.06 | 51 | 59 |
| | September | 2.28 | 2.34 | 64 | 55 |
| | October | 2.00 | 2.10 | 59 | 57 |
| | November | 2.06 | 1.56 | 79 | 48 |
| | December | 2.45 | 2.05 | 69 | 71 |
| Annual Average: | | 2.21 | 2.06 | 60 | 57 |

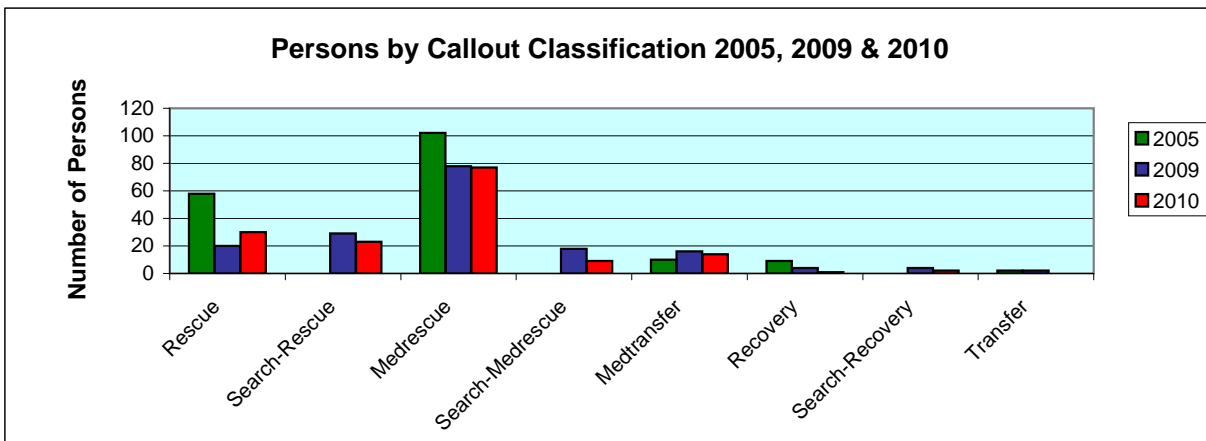
* 'Average Flying Hours' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).



RAF Lossiemouth - Helicopters

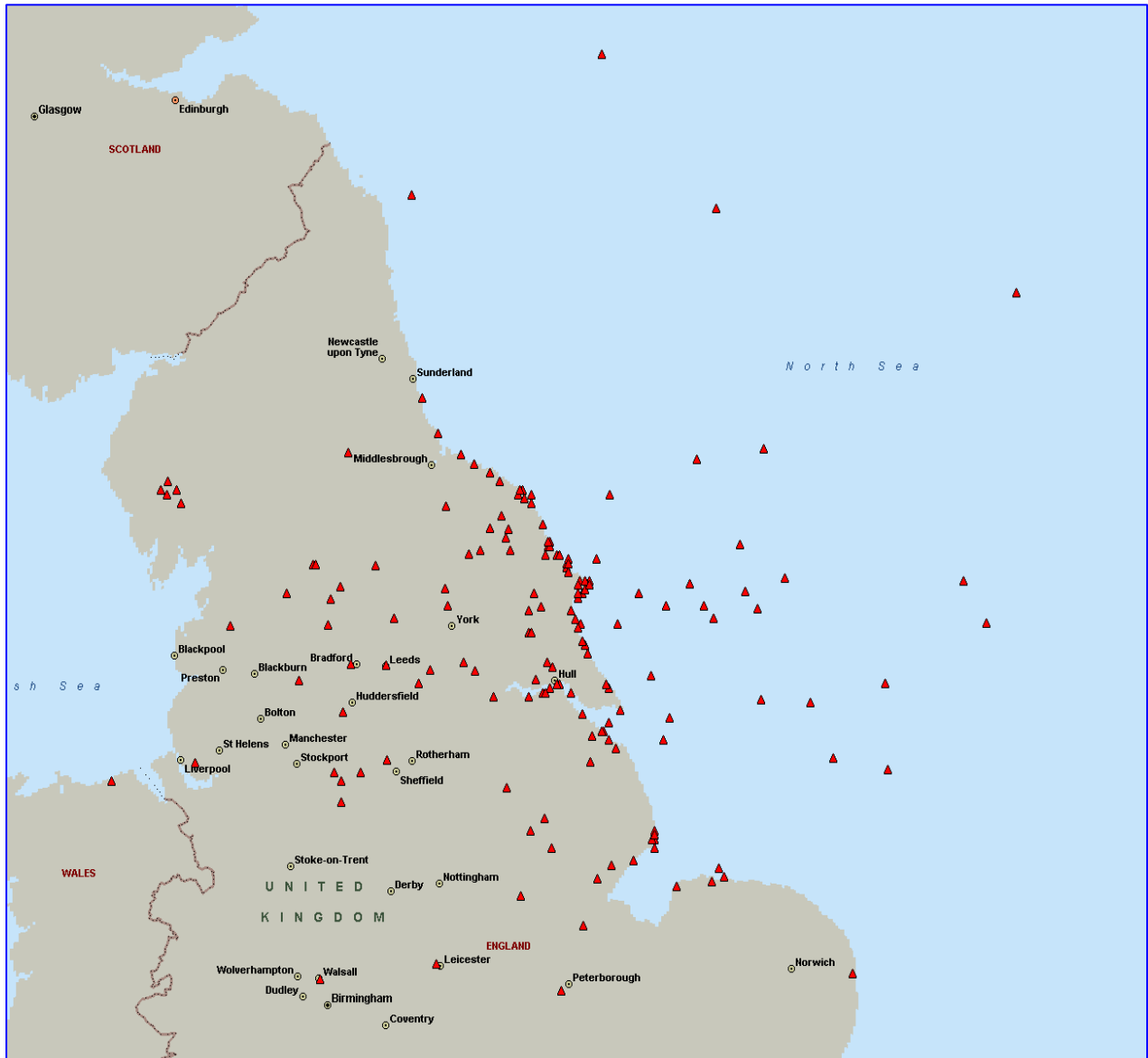


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

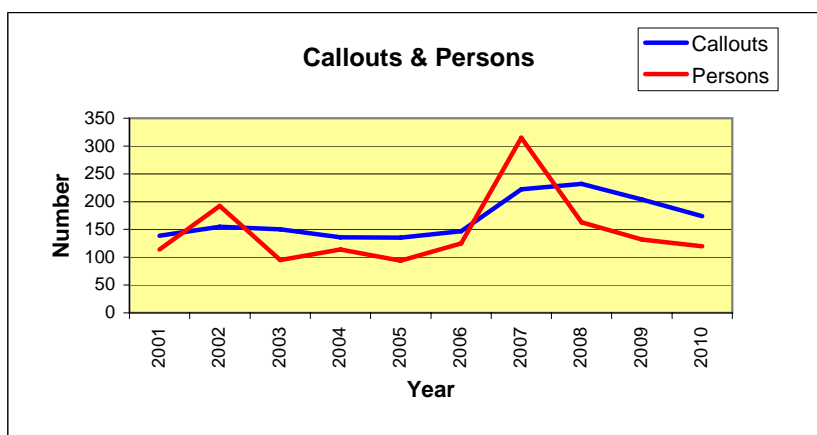
RAF Leconfield



RAF Leconfield - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 139 | 114 |
| 2002 | 155 | 192 |
| 2003 | 150 | 95 |
| 2004 | 136 | 114 |
| 2005 | 135 | 94 |
| 2006 | 147 | 125 |
| 2007 | 222 | 315 |
| 2008 | 232 | 163 |
| 2009 | 204 | 132 |
| 2010 | 174 | 120 |



Monthly Totals

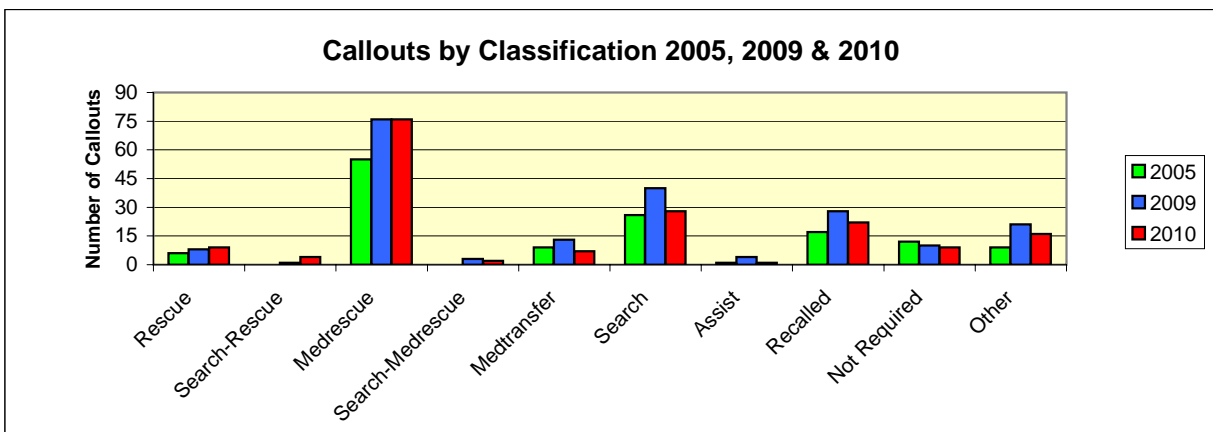
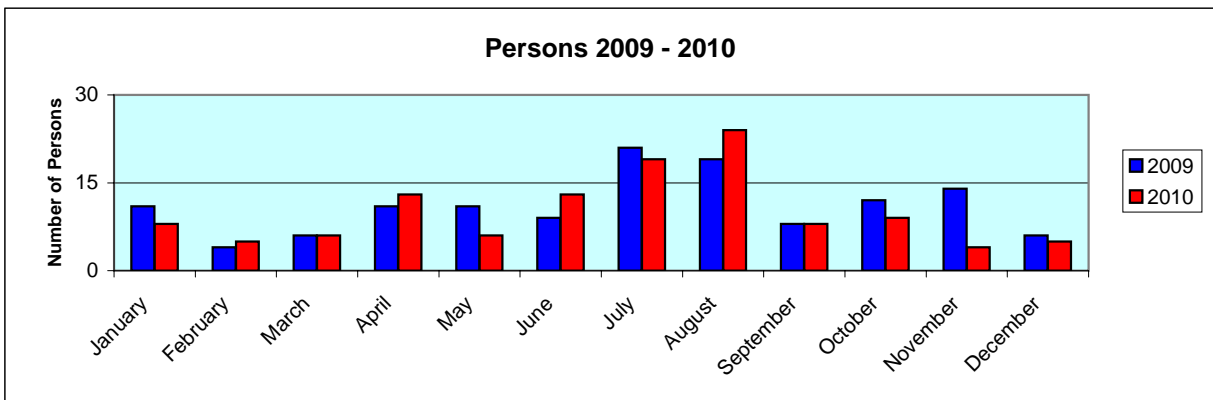
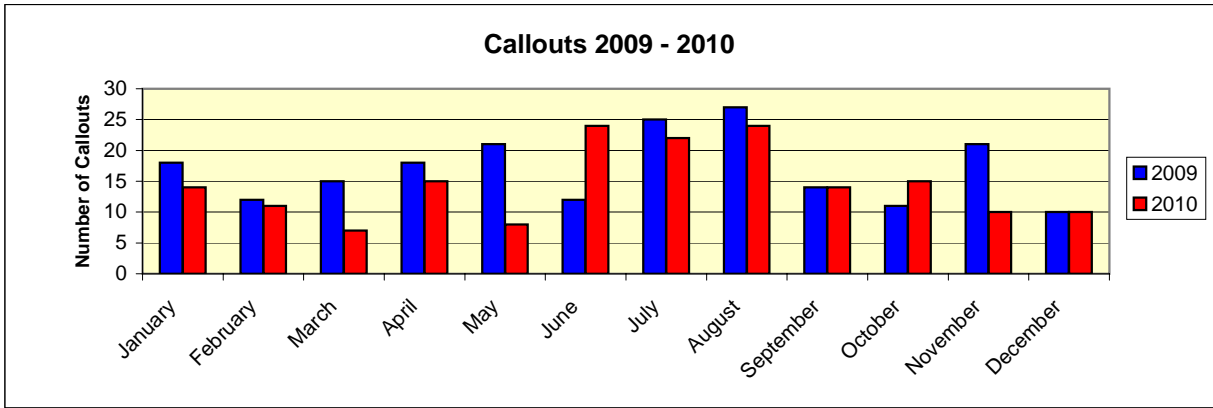
| | | Callouts | Persons |
|---------------|-----------|------------|------------|
| 2010 | January | 14 | 8 |
| | February | 11 | 5 |
| | March | 7 | 6 |
| | April | 15 | 13 |
| | May | 8 | 6 |
| | June | 24 | 13 |
| | July | 22 | 19 |
| | August | 24 | 24 |
| | September | 14 | 8 |
| | October | 15 | 9 |
| | November | 10 | 4 |
| | December | 10 | 5 |
| Total: | | 174 | 120 |

| | Average Flying hours* | | Average Distance from Base <small>(nautical miles)</small> | |
|------------------------|-----------------------|-------------|---------------------------------------------------------------|-----------|
| | 2009 | 2010 | 2009 | 2010 |
| 2009 | 1.51 | 1.57 | 55 | 55 |
| 2010 | 2.02 | 1.10 | 57 | 41 |
| 2009 | 1.44 | 1.10 | 33 | 31 |
| 2010 | 1.38 | 1.52 | 41 | 65 |
| 2009 | 1.04 | 1.07 | 62 | 37 |
| 2010 | 1.44 | 1.43 | 55 | 37 |
| 2009 | 1.28 | 1.31 | 43 | 39 |
| 2010 | 1.17 | 1.07 | 45 | 30 |
| 2009 | 2.06 | 1.28 | 61 | 43 |
| 2010 | 2.19 | 1.33 | 48 | 58 |
| 2009 | 1.44 | 2.12 | 62 | 43 |
| 2010 | 1.24 | 1.50 | 35 | 56 |
| Annual Average: | 1.38 | 1.33 | 50 | 44 |

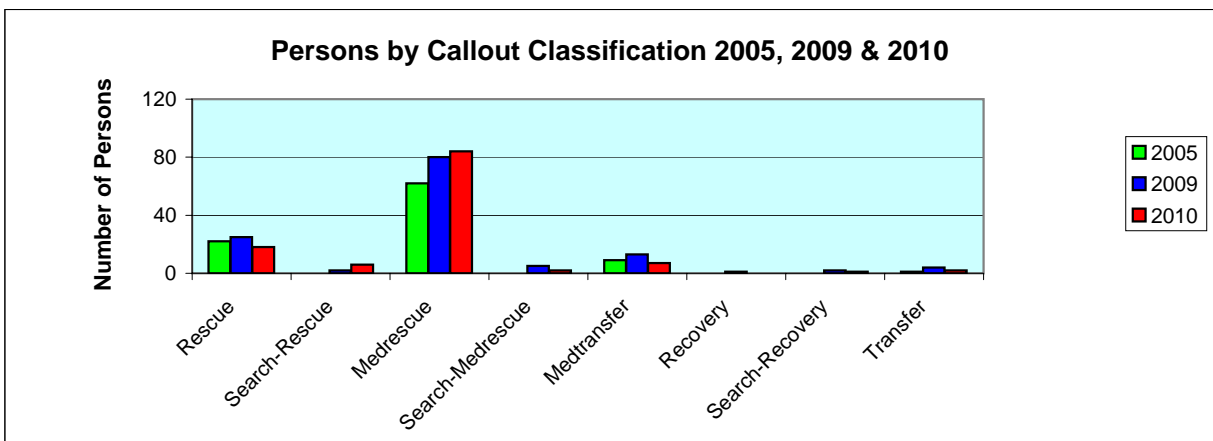
* 'Average Flying Hours ' are expressed in Hours and Minutes.
 (Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).



RAF Leconfield - Helicopters

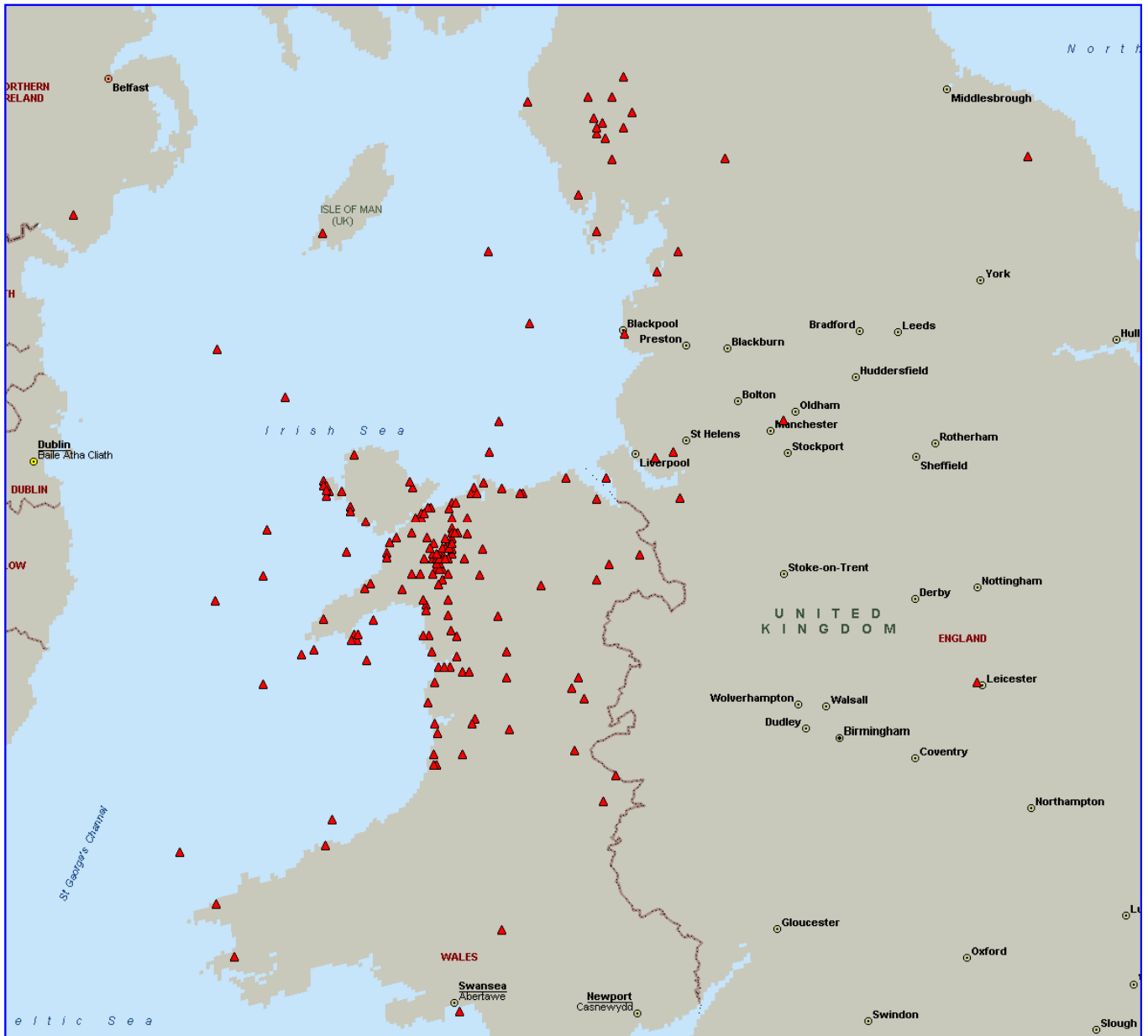


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

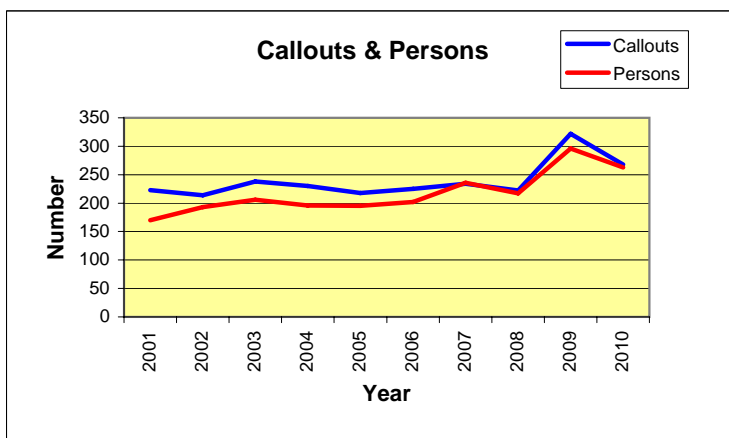
RAF Valley



RAF Valley - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 223 | 170 |
| 2002 | 214 | 193 |
| 2003 | 238 | 206 |
| 2004 | 230 | 196 |
| 2005 | 218 | 195 |
| 2006 | 225 | 202 |
| 2007 | 234 | 236 |
| 2008 | 222 | 217 |
| 2009 | 322 | 296 |
| 2010 | 268 | 263 |



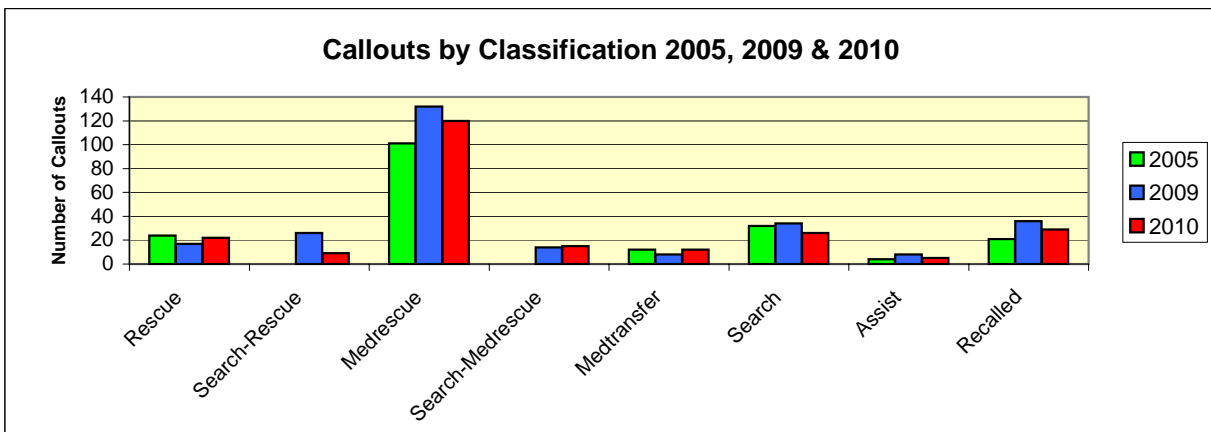
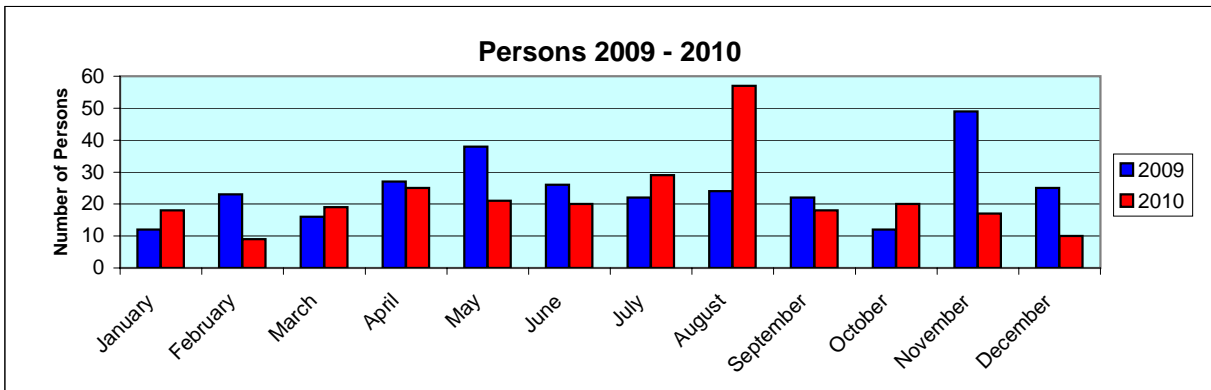
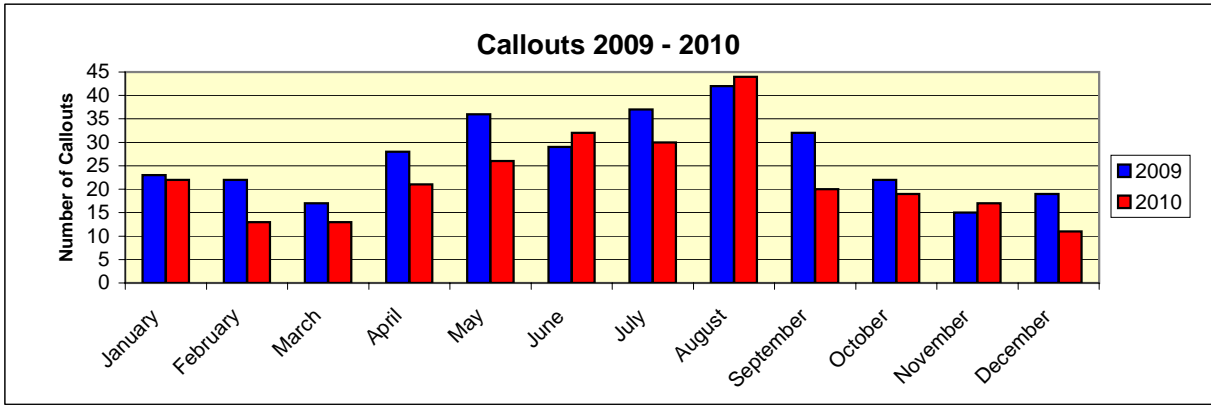
Monthly Totals

| | | Callouts | Persons |
|---------------|-----------|------------|------------|
| 2010 | January | 22 | 18 |
| | February | 13 | 9 |
| | March | 13 | 19 |
| | April | 21 | 25 |
| | May | 26 | 21 |
| | June | 32 | 20 |
| | July | 30 | 29 |
| | August | 44 | 57 |
| | September | 20 | 18 |
| | October | 19 | 20 |
| | November | 17 | 17 |
| | December | 11 | 10 |
| Total: | | 268 | 263 |

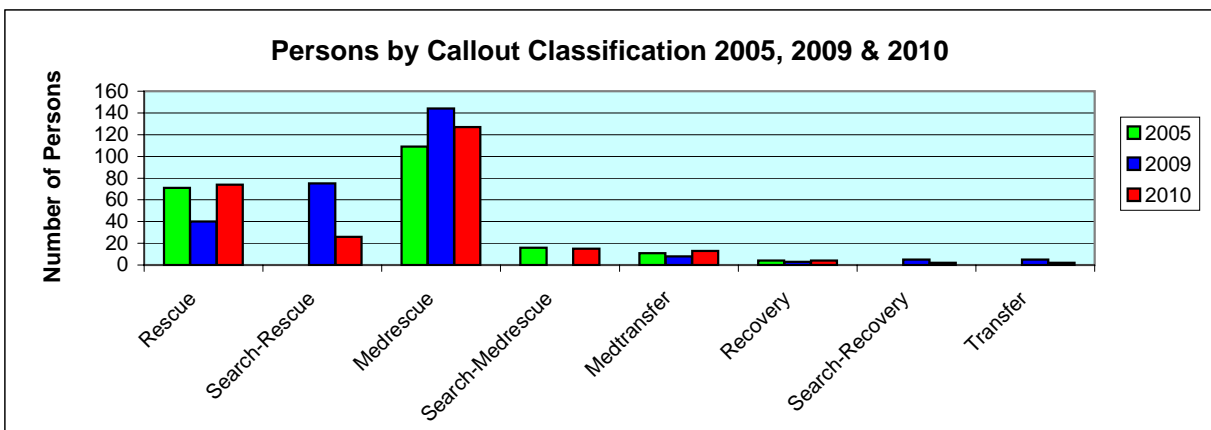
| | | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------|-----------------------|-------------|------------------------------------------------|-----------|
| | | 2009 | 2010 | 2009 | 2010 |
| | January | 1.38 | 1.46 | 50 | 43 |
| | February | 2.03 | 1.41 | 38 | 34 |
| | March | 1.29 | 1.18 | 29 | 25 |
| | April | 1.36 | 1.28 | 34 | 28 |
| | May | 1.22 | 1.27 | 31 | 27 |
| | June | 1.15 | 1.18 | 28 | 30 |
| | July | 1.48 | 1.24 | 35 | 32 |
| | August | 1.10 | 1.33 | 28 | 32 |
| | September | 1.31 | 1.20 | 63 | 28 |
| | October | 1.27 | 1.25 | 37 | 33 |
| | November | 2.34 | 1.39 | 48 | 35 |
| | December | 1.14 | 1.32 | 22 | 43 |
| Annual Average: | | 1.33 | 1.29 | 37 | 32 |

* 'Average Flying Hours' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

RAF Valley - Helicopters

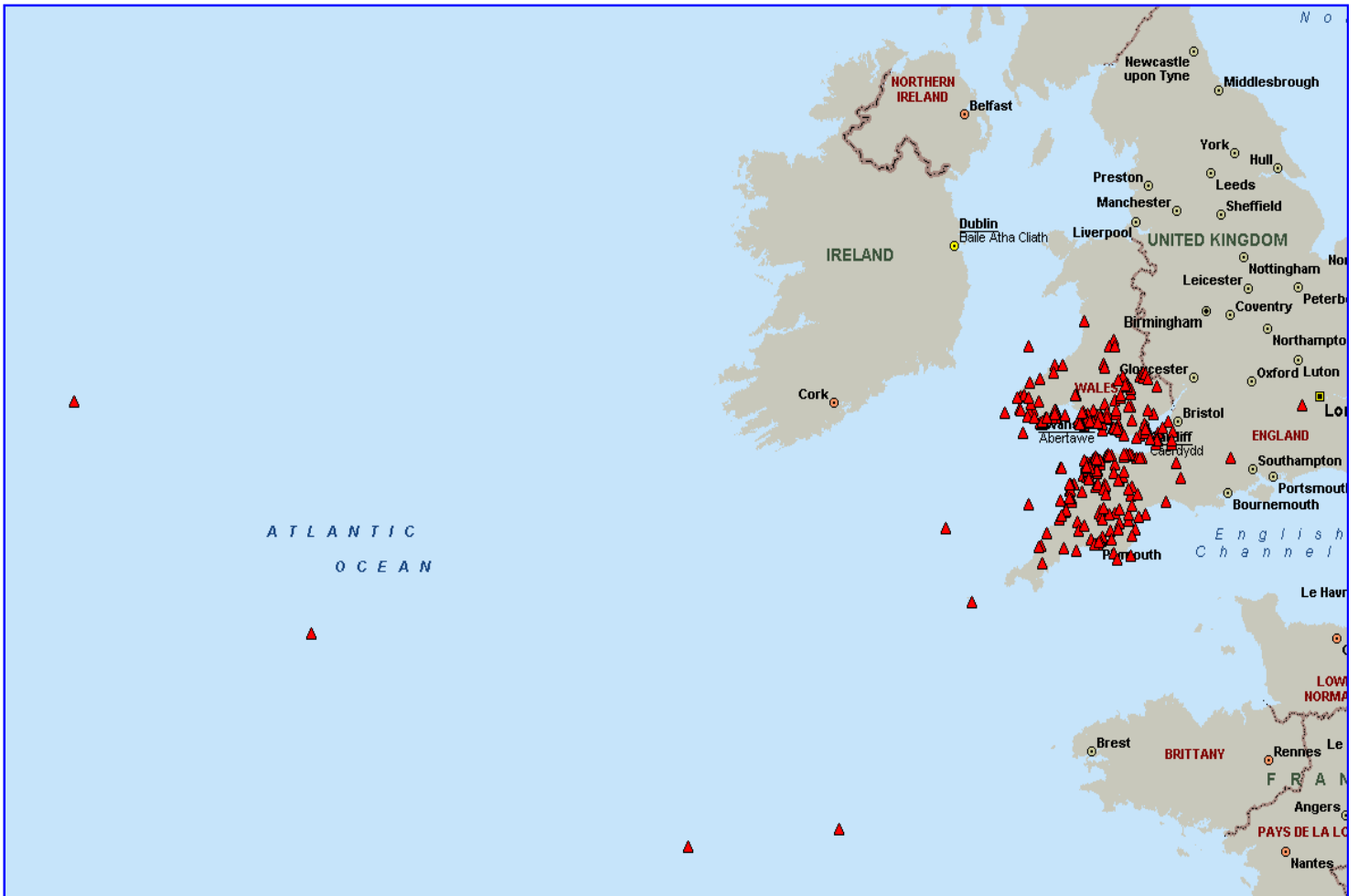


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

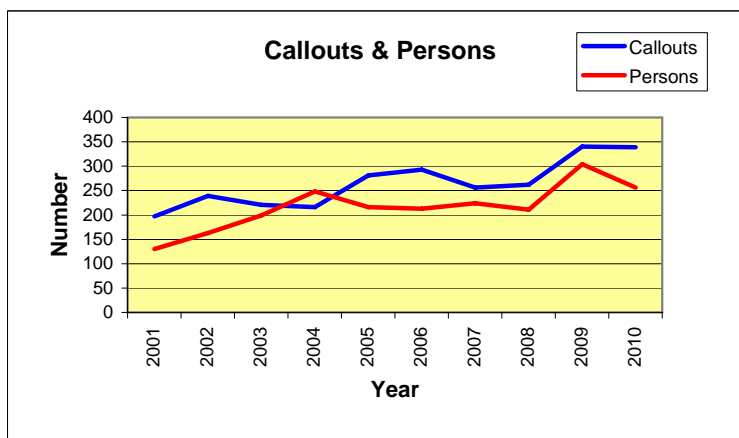
RAF Chivenor



RAF Chivenor - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 197 | 130 |
| 2002 | 239 | 163 |
| 2003 | 221 | 199 |
| 2004 | 216 | 248 |
| 2005 | 281 | 216 |
| 2006 | 293 | 213 |
| 2007 | 256 | 224 |
| 2008 | 262 | 211 |
| 2009 | 340 | 304 |
| 2010 | 339 | 256 |



Monthly Totals

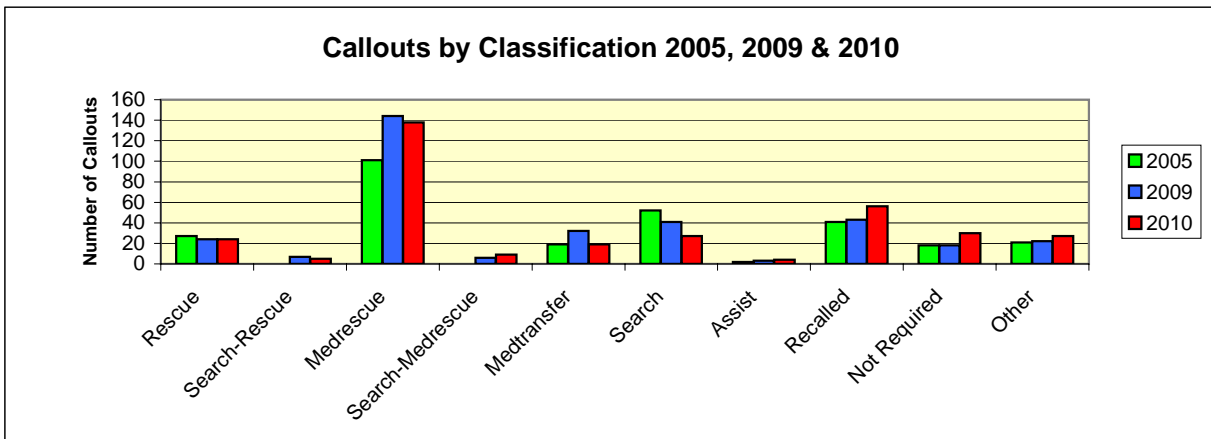
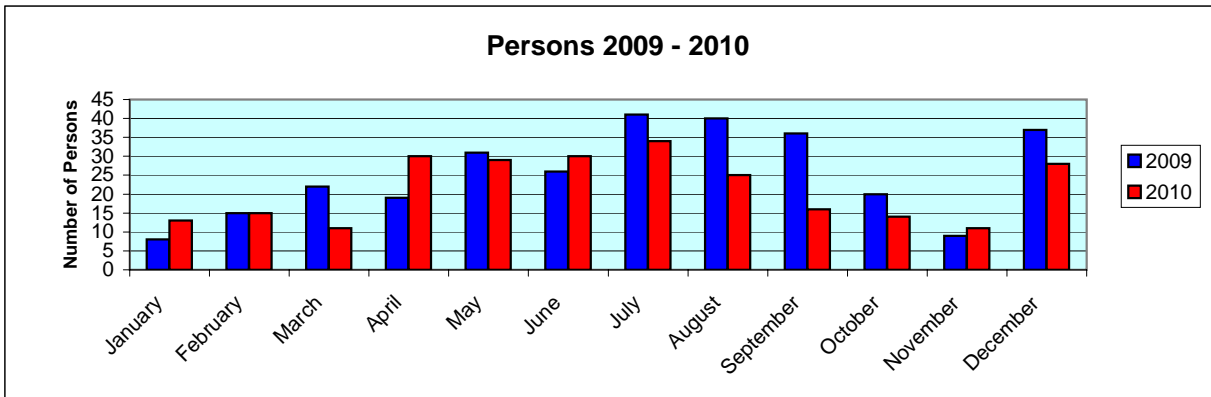
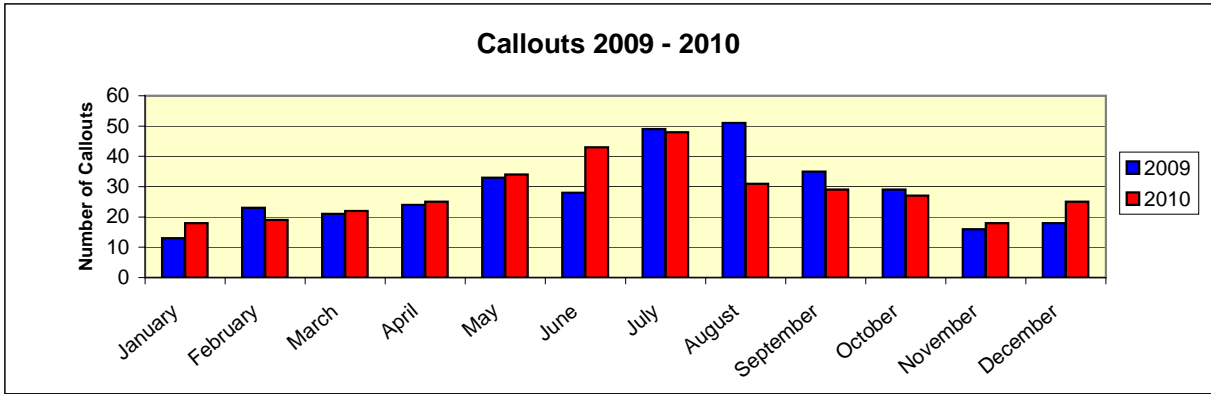
| | Callouts | Persons |
|---------------|------------|------------|
| 2010 January | 18 | 13 |
| February | 19 | 15 |
| March | 22 | 11 |
| April | 25 | 30 |
| May | 34 | 29 |
| June | 43 | 30 |
| July | 48 | 34 |
| August | 31 | 25 |
| September | 29 | 16 |
| October | 27 | 14 |
| November | 18 | 11 |
| December | 25 | 28 |
| Total: | 339 | 256 |

| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------------------|-------------|------------------------------------------------|-----------|
| | 2009 | 2010 | 2009 | 2010 |
| 2009 | 1.41 | 0.54 | 32 | 25 |
| 2010 | 1.08 | 1.21 | 36 | 34 |
| 2009 | 0.60 | 1.37 | 32 | 60 |
| 2010 | 1.25 | 1.29 | 47 | 35 |
| 2009 | 1.26 | 1.15 | 40 | 52 |
| 2010 | 1.25 | 0.49 | 41 | 34 |
| 2009 | 1.07 | 0.56 | 40 | 38 |
| 2010 | 1.08 | 1.12 | 33 | 31 |
| 2009 | 1.16 | 1.03 | 33 | 29 |
| 2010 | 1.16 | 1.07 | 49 | 38 |
| 2009 | 1.59 | 1.12 | 81 | 30 |
| 2010 | 1.28 | 1.24 | 31 | 41 |
| Annual Average: | 1.18 | 1.09 | 40 | 38 |

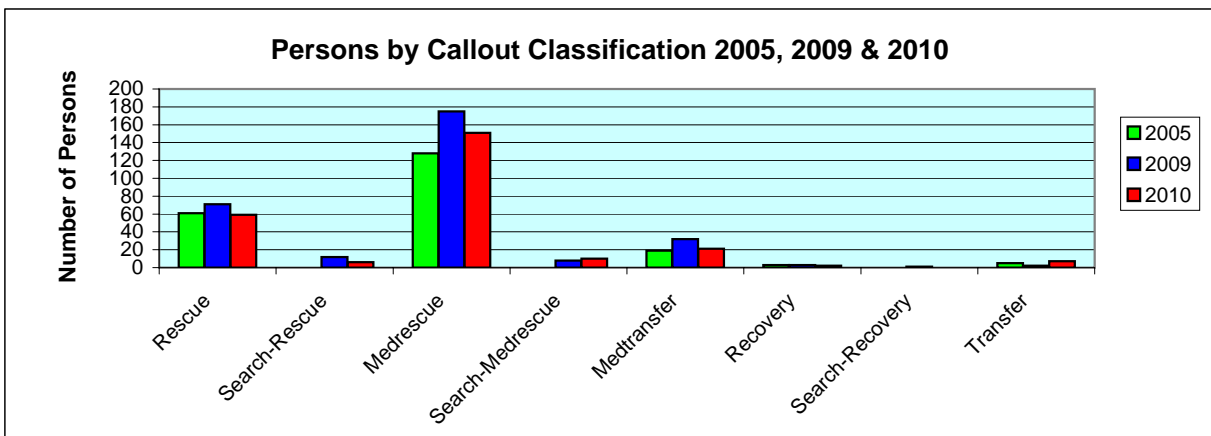
* 'Average Flying Hours ' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).



RAF Chivenor - Helicopters

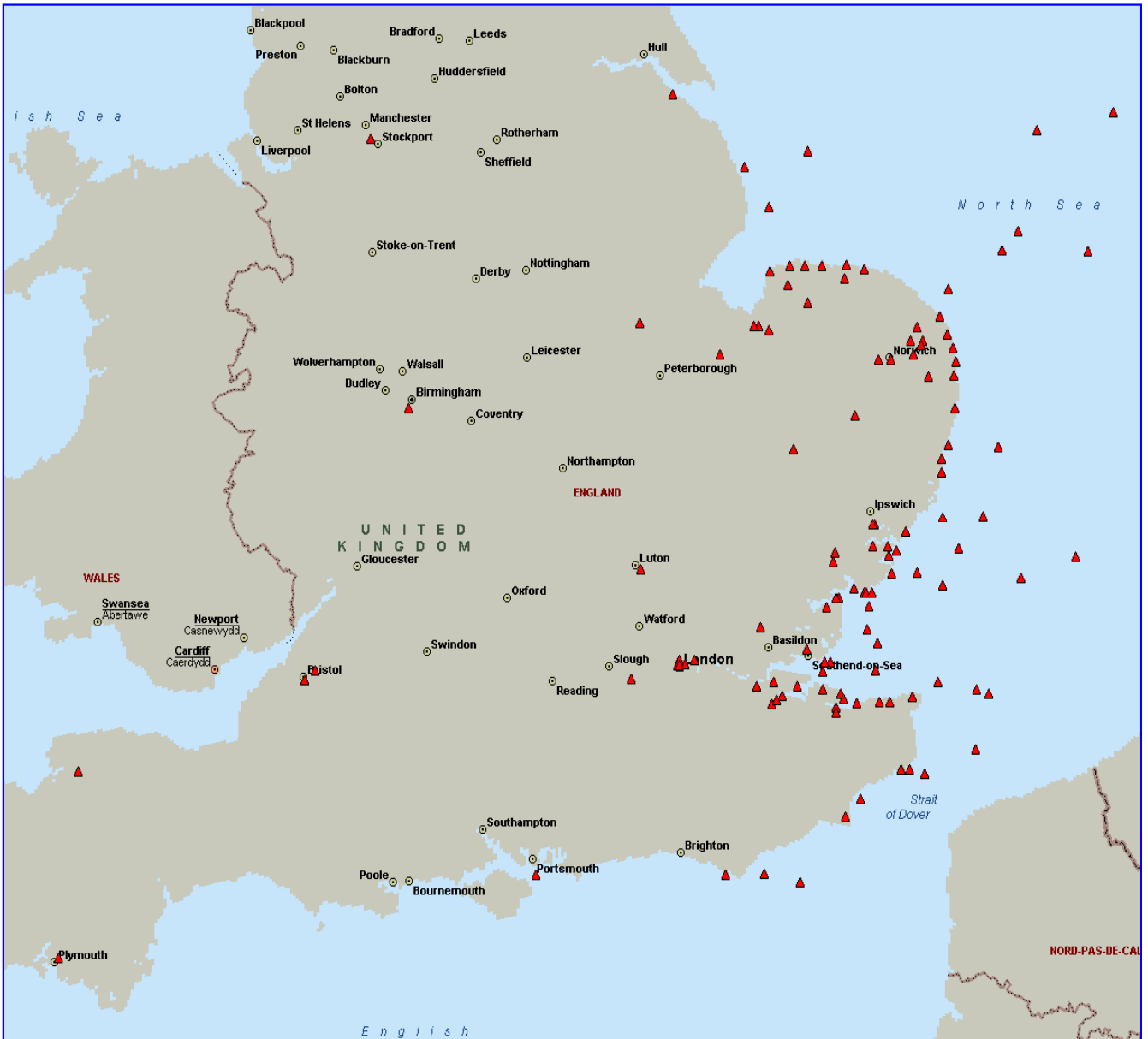


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

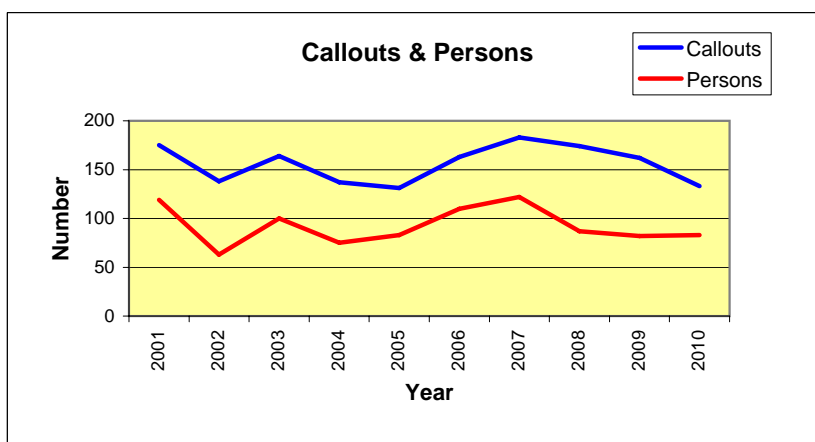
RAF Wattisham



RAF Wattisham - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 175 | 119 |
| 2002 | 138 | 63 |
| 2003 | 164 | 100 |
| 2004 | 137 | 75 |
| 2005 | 131 | 83 |
| 2006 | 163 | 110 |
| 2007 | 183 | 122 |
| 2008 | 174 | 87 |
| 2009 | 162 | 82 |
| 2010 | 133 | 83 |



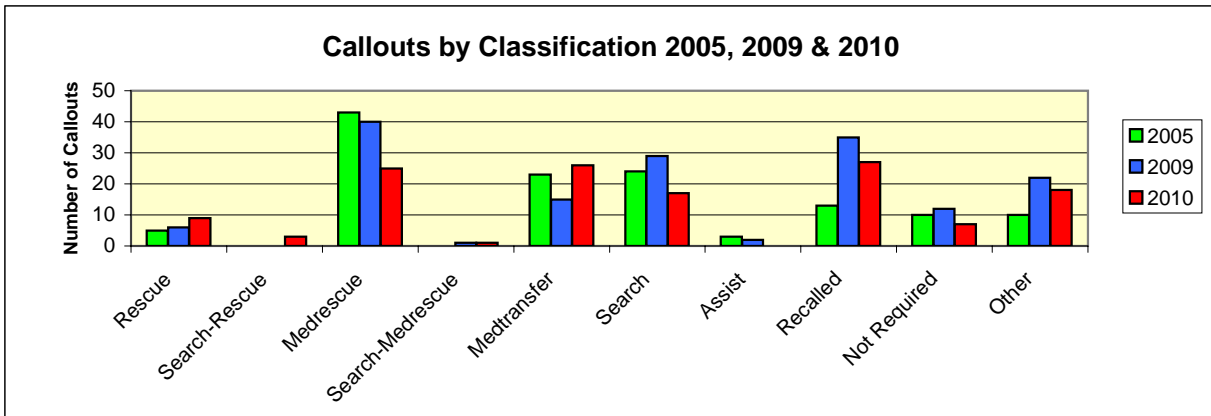
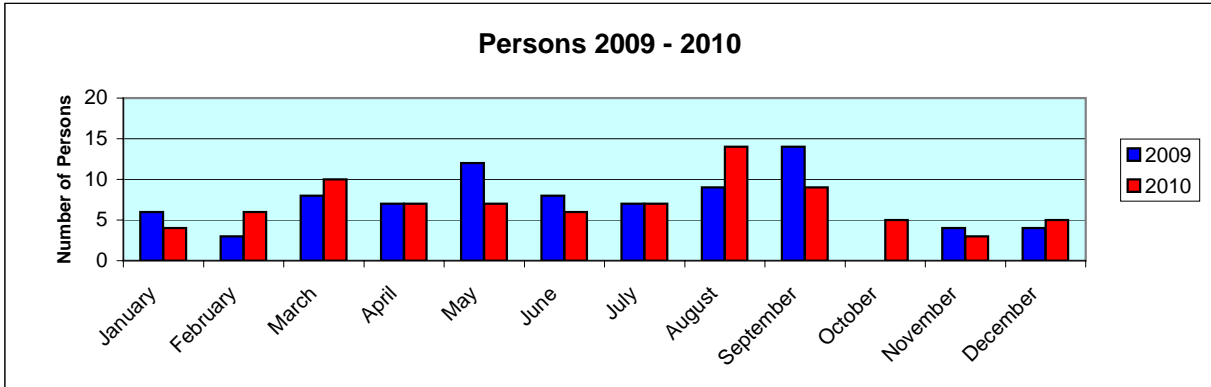
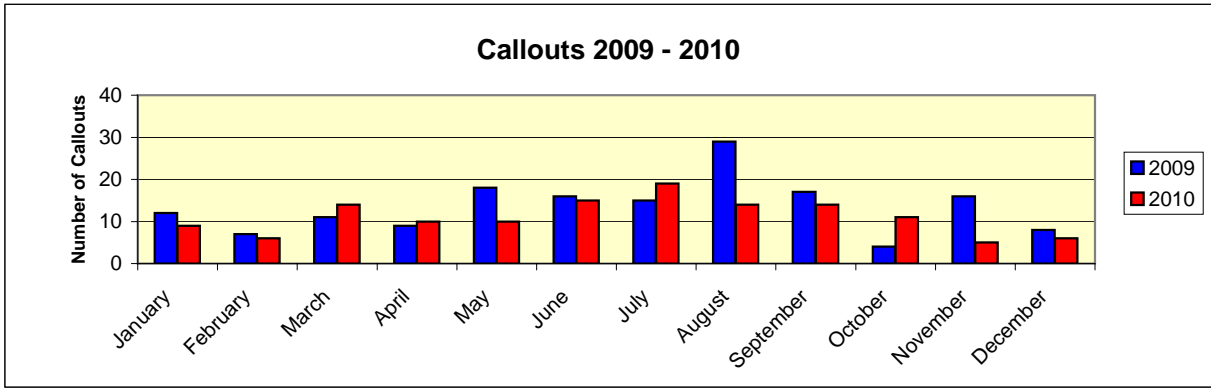
Monthly Totals

| | Callouts | Persons |
|---------------|------------|-----------|
| 2010 January | 9 | 4 |
| February | 6 | 6 |
| March | 14 | 10 |
| April | 10 | 7 |
| May | 10 | 7 |
| June | 15 | 6 |
| July | 19 | 7 |
| August | 14 | 14 |
| September | 14 | 9 |
| October | 11 | 5 |
| November | 5 | 3 |
| December | 6 | 5 |
| Total: | 133 | 83 |

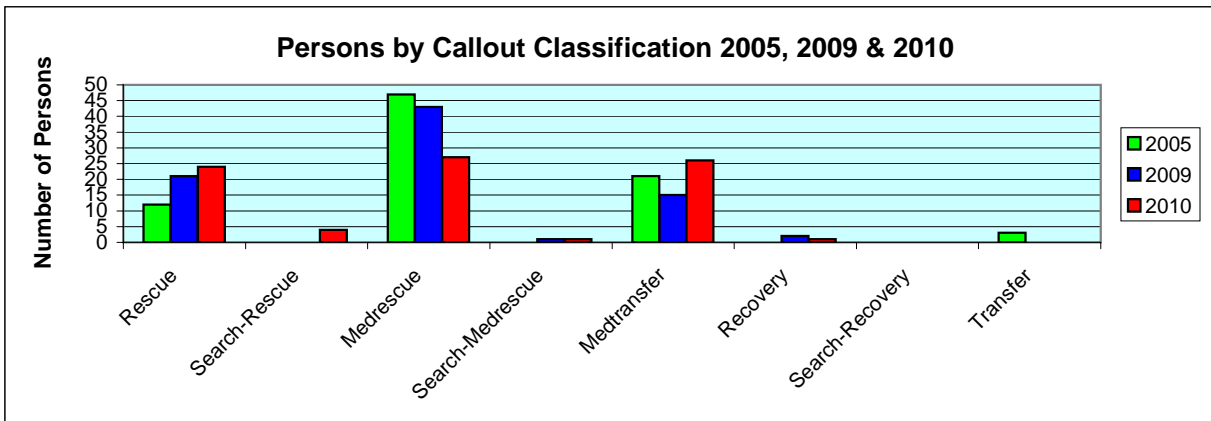
| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------------------|-------------|---------------------------------------------|-----------|
| 2010 January | 2.02 | 2.17 | 48 | 34 |
| February | 1.46 | 2.31 | 37 | 39 |
| March | 1.17 | 2.01 | 47 | 55 |
| April | 2.08 | 2.06 | 51 | 42 |
| May | 1.29 | 1.35 | 49 | 39 |
| June | 1.48 | 1.19 | 57 | 57 |
| July | 1.33 | 1.09 | 51 | 45 |
| August | 1.05 | 1.32 | 45 | 43 |
| September | 1.22 | 1.29 | 42 | 51 |
| October | 0.21 | 1.36 | 39 | 51 |
| November | 1.04 | 2.01 | 43 | 52 |
| December | 1.45 | 2.07 | 41 | 89 |
| Annual Average: | 1.27 | 1.42 | 47 | 49 |

* 'Average Flying Hours ' are expressed in Hours and Minutes.
 (Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

RAF Wattisham - Helicopters

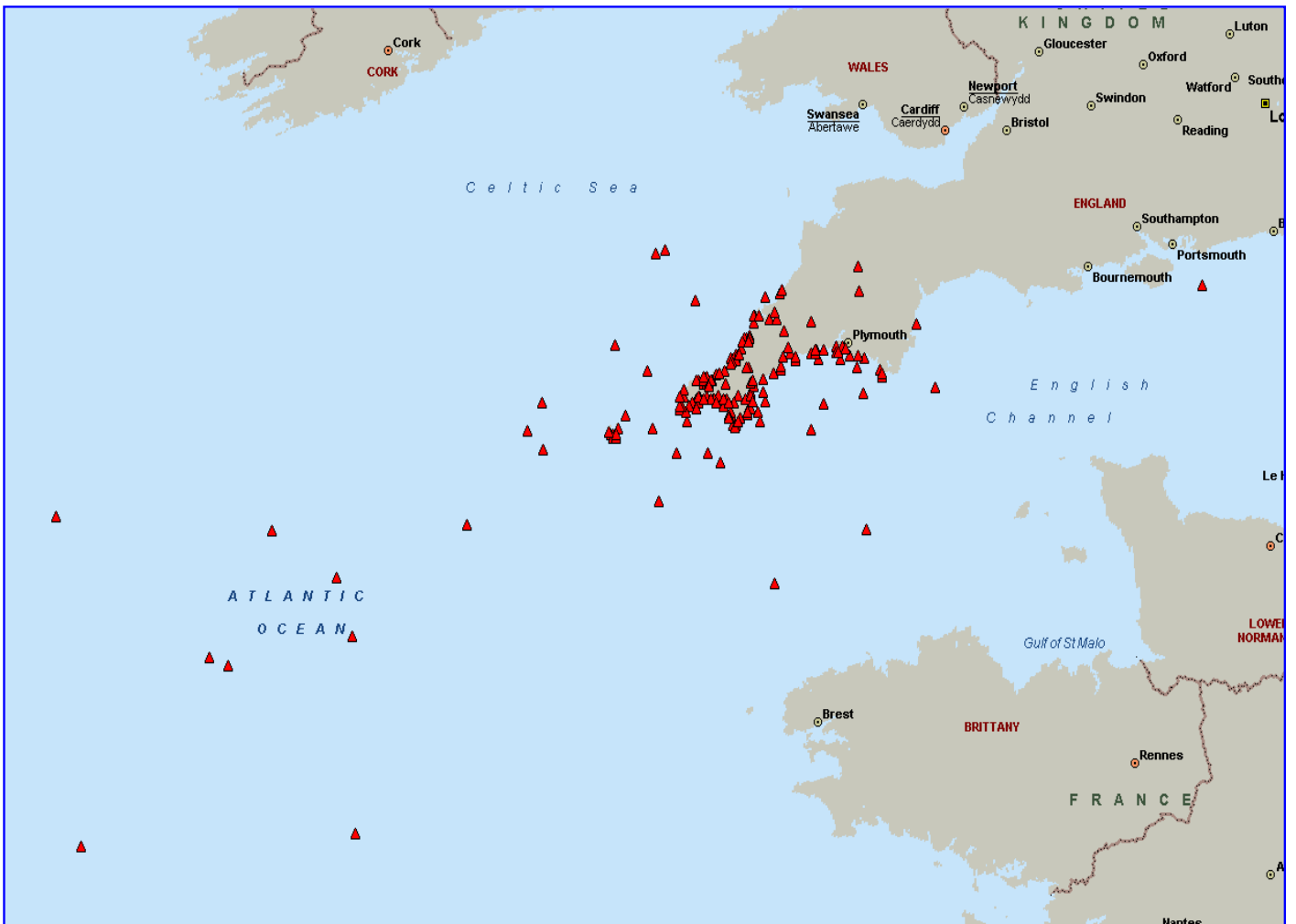


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

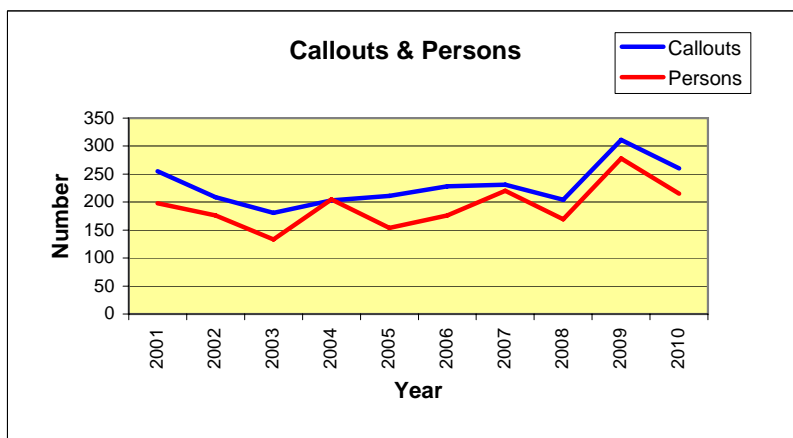
RNAS Culdrose



Royal Navy Culdrose - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 255 | 198 |
| 2002 | 209 | 176 |
| 2003 | 181 | 133 |
| 2004 | 203 | 205 |
| 2005 | 211 | 154 |
| 2006 | 228 | 176 |
| 2007 | 231 | 220 |
| 2008 | 204 | 169 |
| 2009 | 311 | 278 |
| 2010 | 260 | 215 |



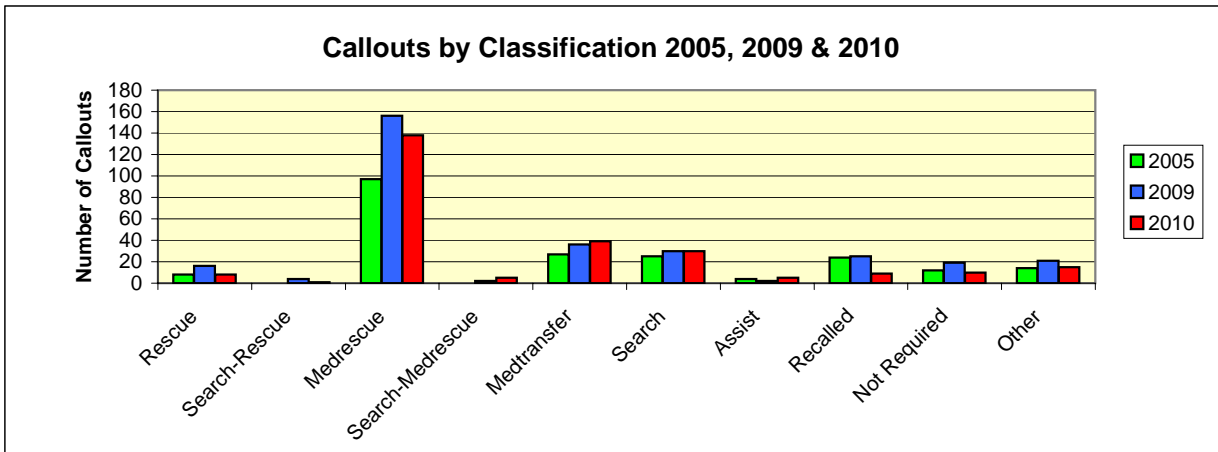
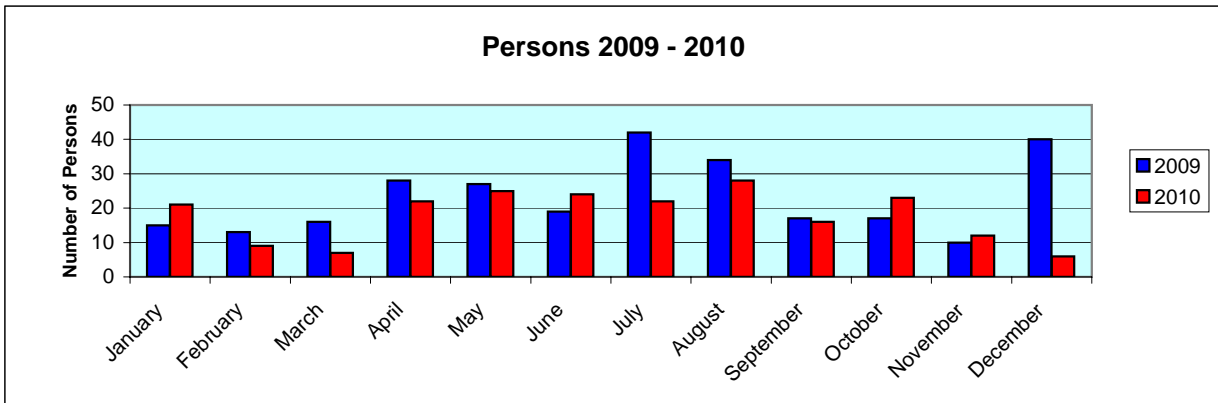
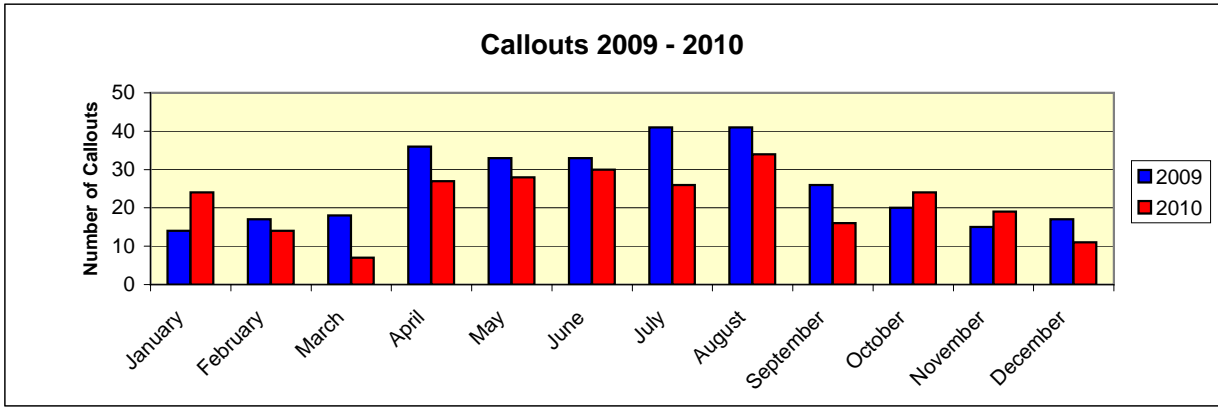
Monthly Totals

| | | Callouts | Persons |
|---------------|-----------|------------|------------|
| 2010 | January | 24 | 21 |
| | February | 14 | 9 |
| | March | 7 | 7 |
| | April | 27 | 22 |
| | May | 28 | 25 |
| | June | 30 | 24 |
| | July | 26 | 22 |
| | August | 34 | 28 |
| | September | 16 | 16 |
| | October | 24 | 23 |
| | November | 19 | 12 |
| | December | 11 | 6 |
| Total: | | 260 | 215 |

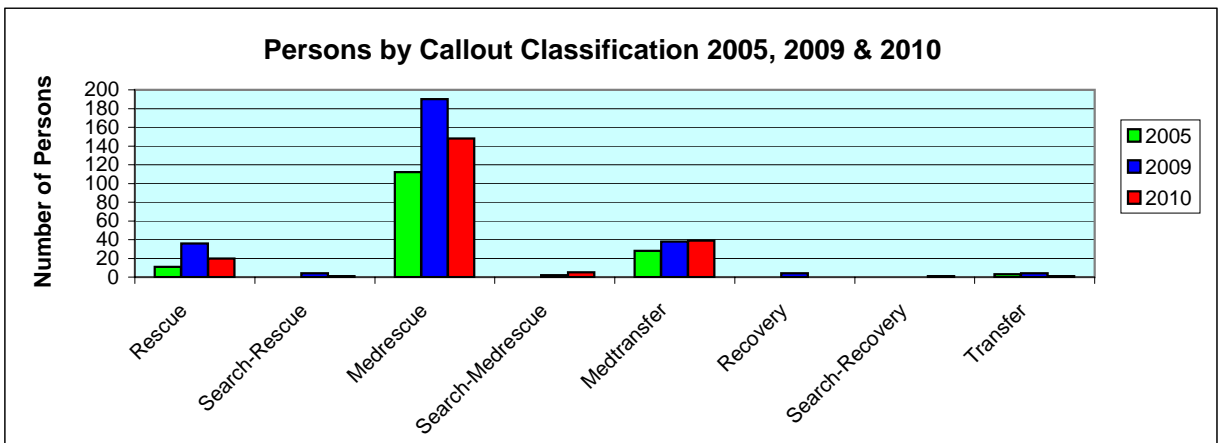
| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------------------|-------------|------------------------------------------------|-----------|
| | 1.12 | 1.26 | 29 | 35 |
| | 1.28 | 2.09 | 33 | 51 |
| | 1.44 | 0.56 | 42 | 18 |
| | 1.32 | 1.23 | 31 | 28 |
| | 1.17 | 1.14 | 35 | 33 |
| | 1.22 | 1.22 | 32 | 23 |
| | 1.04 | 1.14 | 31 | 26 |
| | 0.58 | 1.11 | 22 | 29 |
| | 0.58 | 1.18 | 28 | 29 |
| | 1.18 | 1.11 | 36 | 53 |
| | 1.27 | 1.22 | 48 | 26 |
| | 1.28 | 1.45 | 37 | 46 |
| Annual Average: | 1.16 | 1.21 | 32 | 32 |

* 'Average Flying Hours ' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

Royal Navy Culdrose - Helicopters

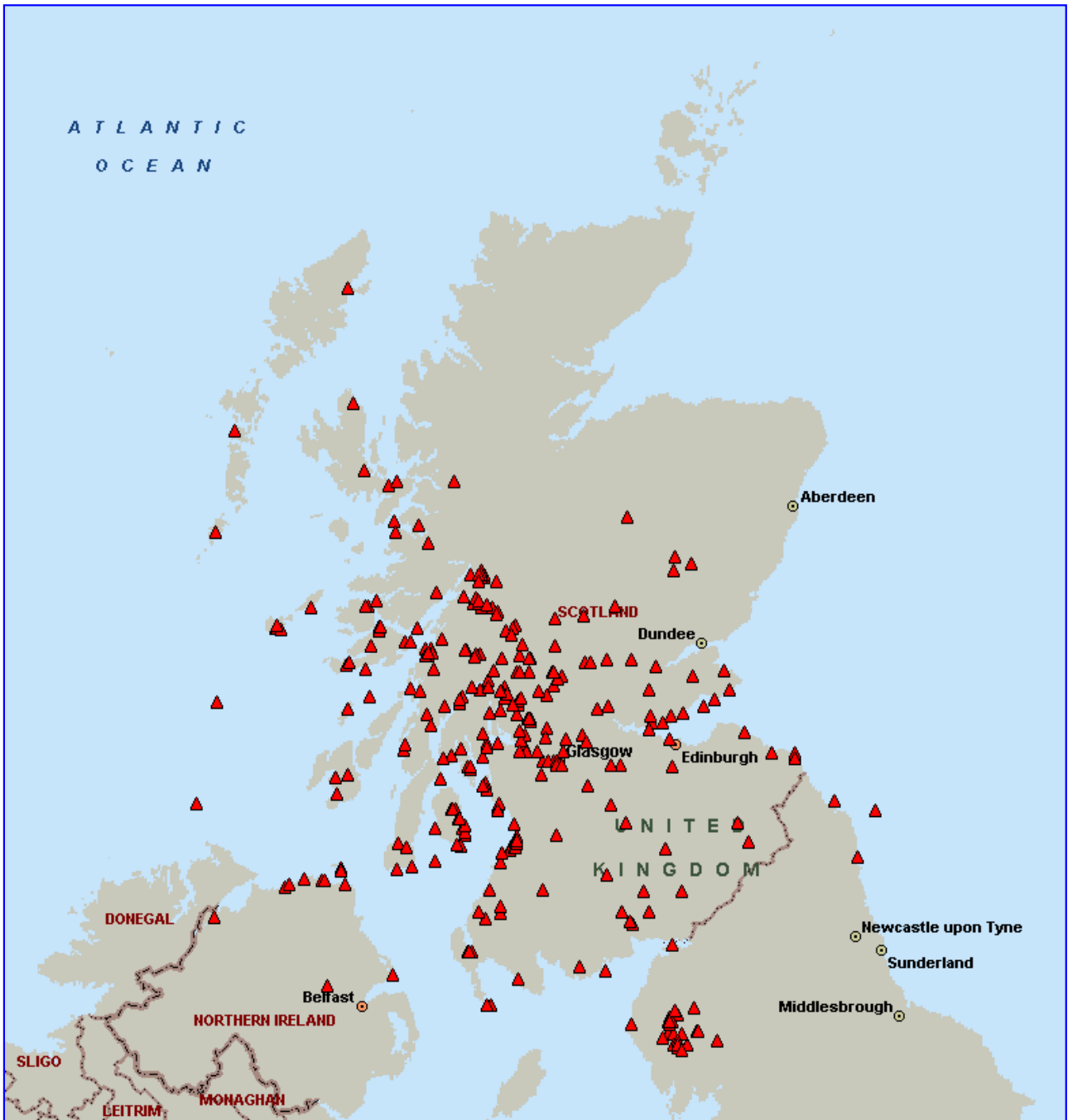


'Other' includes: Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax Precaution, Aborted & Search-Aborted.



UK SAR HELICOPTER CALLOUTS - 2010

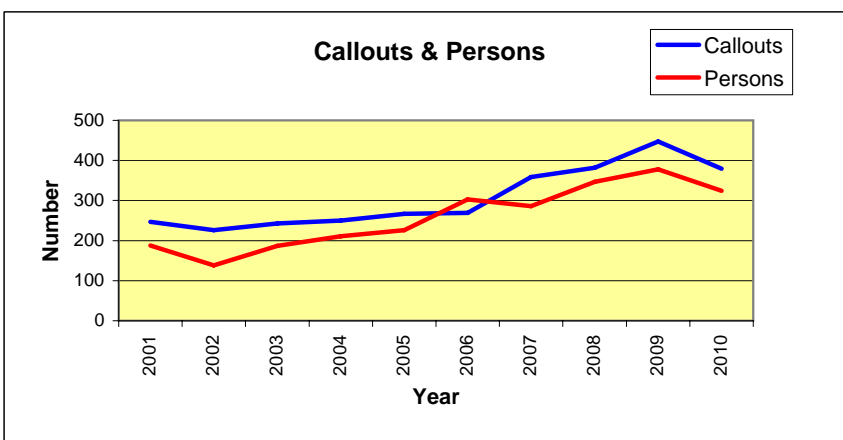
HMS Gannet



Royal Navy - HMS Gannet

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 247 | 188 |
| 2002 | 226 | 138 |
| 2003 | 243 | 187 |
| 2004 | 250 | 211 |
| 2005 | 267 | 226 |
| 2006 | 269 | 303 |
| 2007 | 359 | 286 |
| 2008 | 382 | 347 |
| 2009 | 447 | 378 |
| 2010 | 379 | 324 |



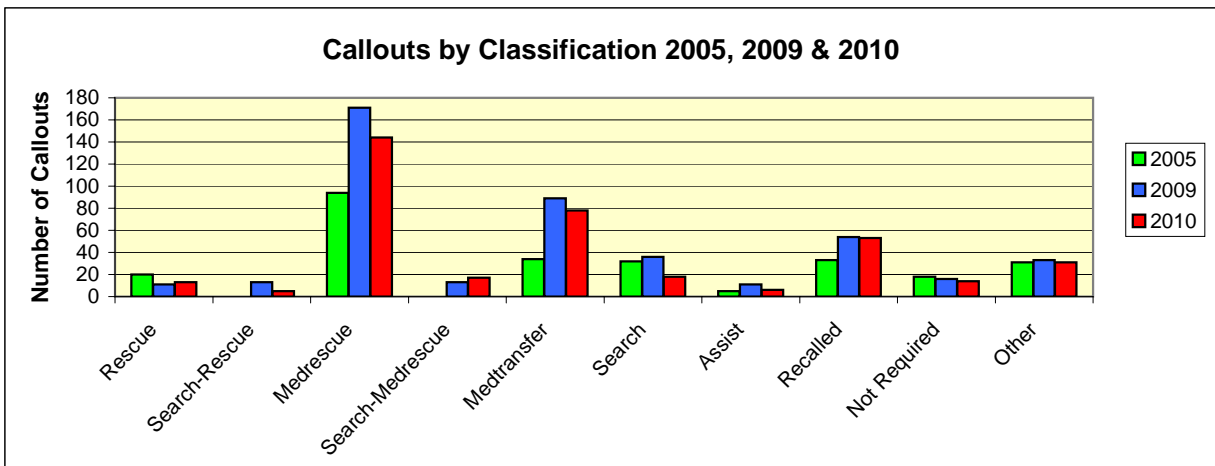
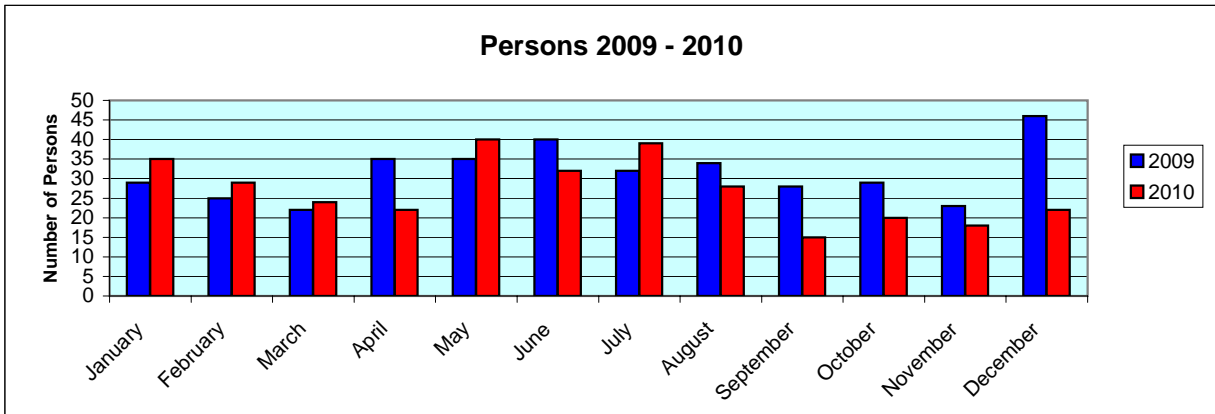
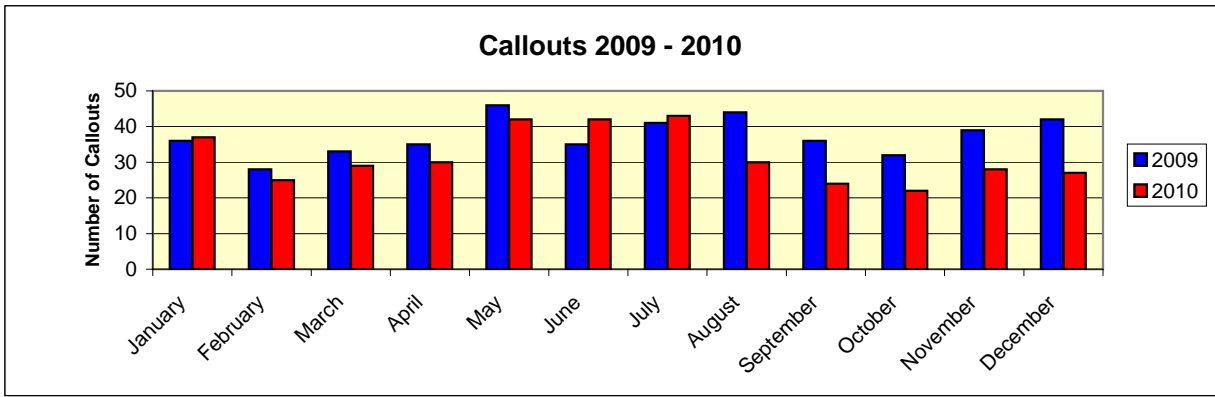
Monthly Totals

| | Callouts | Persons |
|---------------|------------|------------|
| 2010 January | 37 | 35 |
| February | 25 | 29 |
| March | 29 | 24 |
| April | 30 | 22 |
| May | 42 | 40 |
| June | 42 | 32 |
| July | 43 | 39 |
| August | 30 | 28 |
| September | 24 | 15 |
| October | 22 | 20 |
| November | 28 | 18 |
| December | 27 | 22 |
| Total: | 379 | 324 |

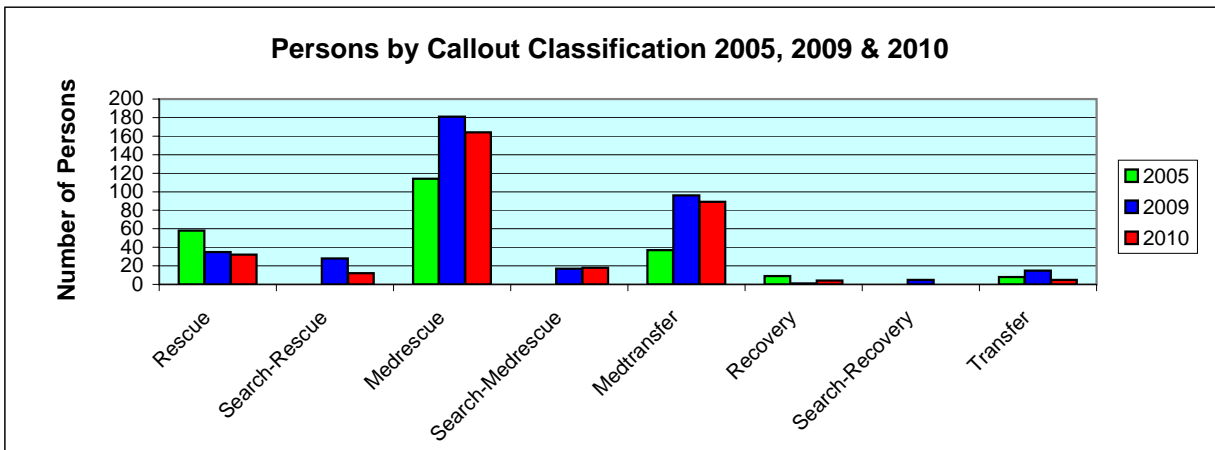
| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|-----------------------|-------------|------------------------------------------------|-----------|
| | 2009 | 2010 | 2009 | 2010 |
| 2009 | 1.39 | 1.35 | 60 | 53 |
| 2010 | 1.48 | 1.40 | 56 | 52 |
| 2011 | 1.41 | 1.55 | 45 | 53 |
| 2012 | 1.27 | 1.58 | 43 | 56 |
| 2013 | 1.50 | 1.18 | 63 | 57 |
| 2014 | 1.30 | 1.24 | 50 | 51 |
| 2015 | 1.38 | 1.22 | 56 | 51 |
| 2016 | 1.18 | 1.54 | 51 | 58 |
| 2017 | 1.36 | 0.59 | 61 | 44 |
| 2018 | 1.37 | 1.39 | 58 | 50 |
| 2019 | 1.23 | 1.28 | 58 | 51 |
| 2020 | 1.32 | 1.29 | 53 | 59 |
| Annual Average: | 1.35 | 1.33 | 55 | 53 |

* 'Average Flying Hours' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

Royal Navy - HMS Gannet



'Other' includes Search-Rescue, Search-Medrescue, Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax, Precaution, Aborted and Search-Aborted.



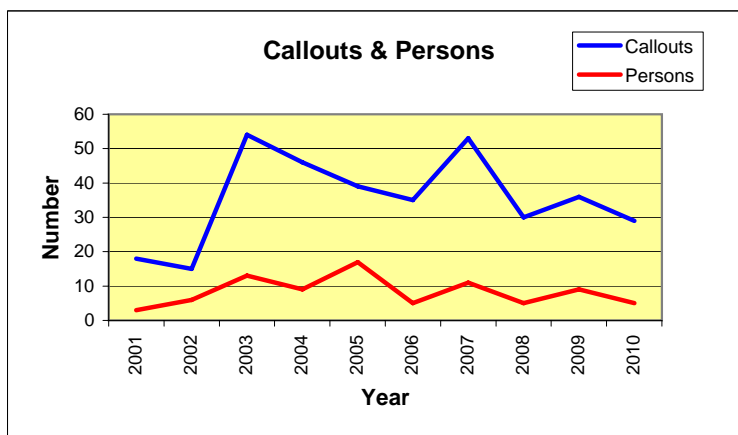
SECTION 3

OVERSEAS HELICOPTERS

Cyprus - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 18 | 3 |
| 2002 | 15 | 6 |
| 2003 | 54 | 13 |
| 2004 | 46 | 9 |
| 2005 | 39 | 17 |
| 2006 | 35 | 5 |
| 2007 | 53 | 11 |
| 2008 | 30 | 5 |
| 2009 | 36 | 9 |
| 2010 | 29 | 5 |



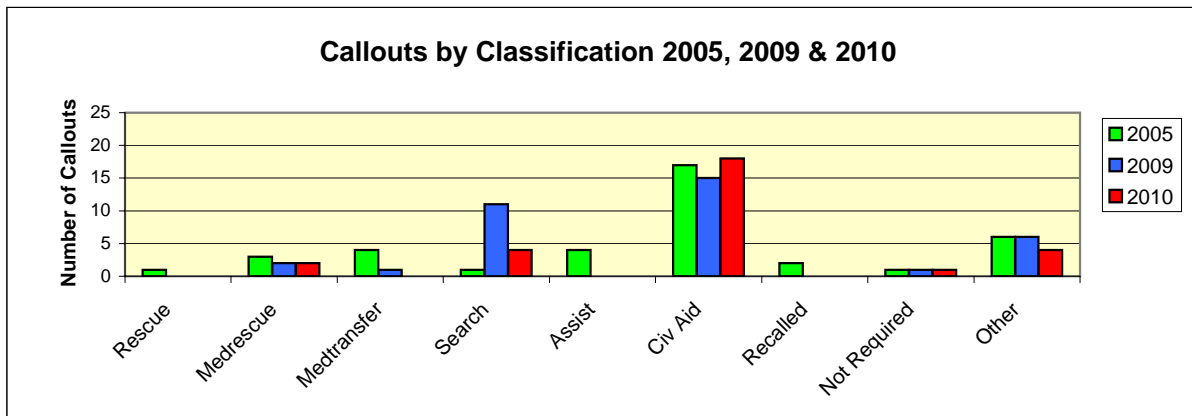
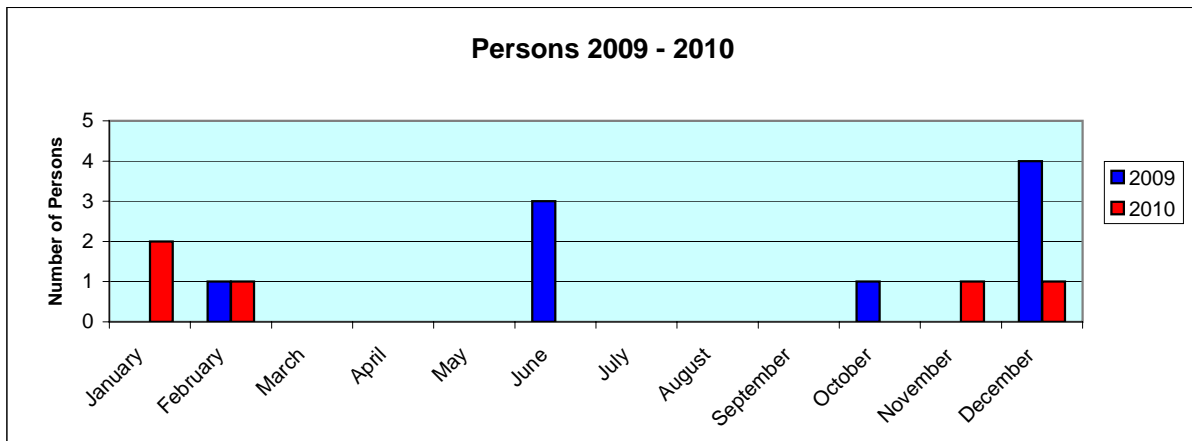
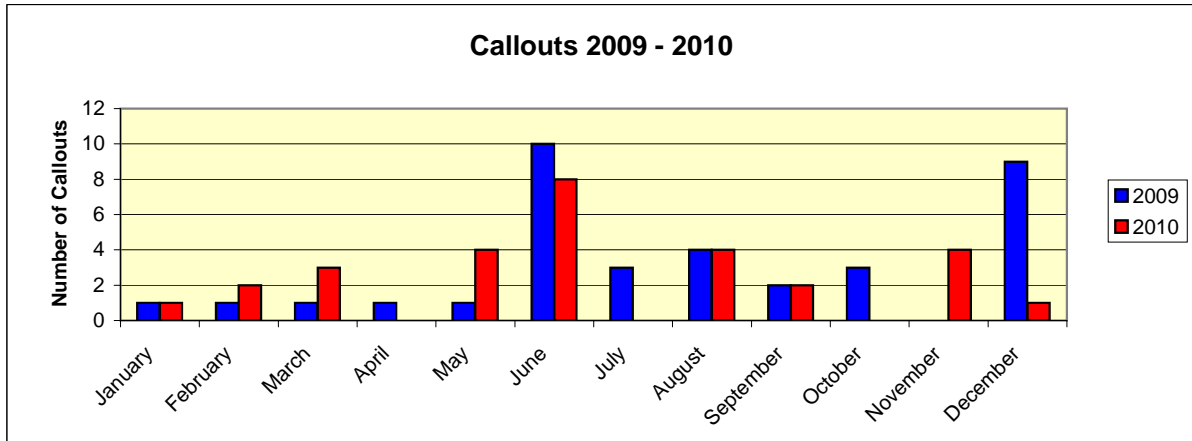
Monthly Totals

| | Callouts | Persons |
|---------------|-----------|----------|
| 2010 January | 1 | 2 |
| February | 2 | 1 |
| March | 3 | 0 |
| April | 0 | 0 |
| May | 4 | 0 |
| June | 8 | 0 |
| July | 0 | 0 |
| August | 4 | 0 |
| September | 2 | 0 |
| October | 0 | 0 |
| November | 4 | 1 |
| December | 1 | 1 |
| Total: | 29 | 5 |

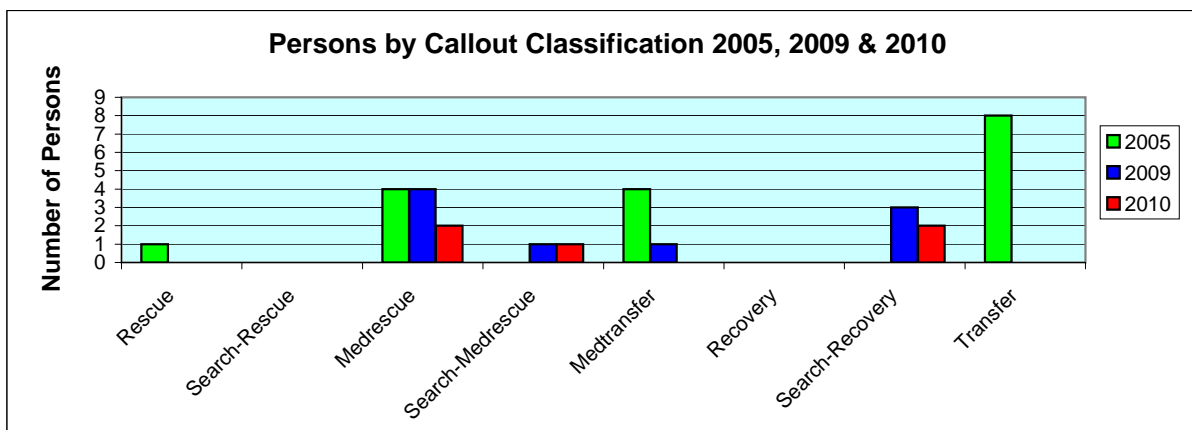
| | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|---------------|-----------------------|-------------|------------------------------------------------|-----------|
| | 2009 | 2010 | 2009 | 2010 |
| 2009 | 2.20 | 8.00 | 3 | 130 |
| 2010 | 2.15 | 1.40 | 1 | 6 |
| 2009 | 0.35 | 2.28 | 18 | 14 |
| 2010 | 1.30 | 0.00 | 3 | 0 |
| 2009 | 0.55 | 1.59 | 6 | 36 |
| 2010 | 2.05 | 1.58 | 20 | 17 |
| 2009 | 0.32 | 0.00 | 6 | 0 |
| 2010 | 1.25 | 1.41 | 13 | 15 |
| 2009 | 1.45 | 3.00 | 20 | 26 |
| 2010 | 1.42 | 0.00 | 17 | 0 |
| 2009 | 0.00 | 2.27 | 0 | 25 |
| 2010 | 5.05 | 0.35 | 96 | 0 |
| Total: | 2.30 | 2.16 | 35 | 23 |

* 'Average Flying Hours' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

Cyprus - Helicopters



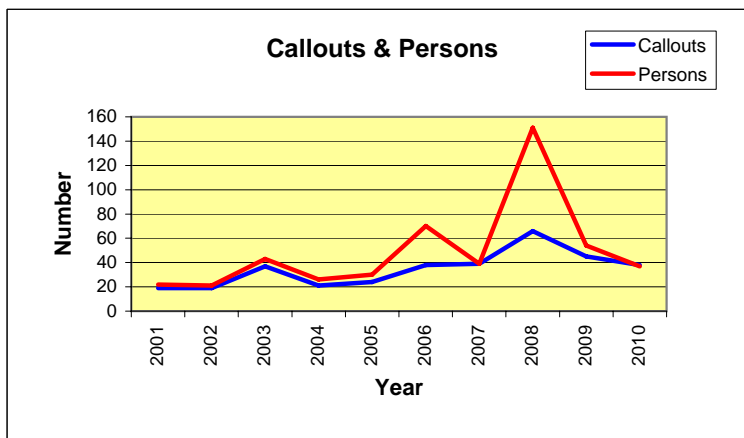
'Other' includes Search-Rescue, Search-Medrescue, Recovery, Search-Recovery, Transfer, Top Cover, Search-Assist, False Alarm, Hoax, Precaution, Aborted and Search-Aborted.



Falklands - Helicopters

Annual Totals

| | Callouts | Persons |
|------|----------|---------|
| 2001 | 19 | 22 |
| 2002 | 19 | 21 |
| 2003 | 37 | 43 |
| 2004 | 21 | 26 |
| 2005 | 24 | 30 |
| 2006 | 38 | 70 |
| 2007 | 39 | 39 |
| 2008 | 66 | 151 |
| 2009 | 45 | 54 |
| 2010 | 38 | 37 |



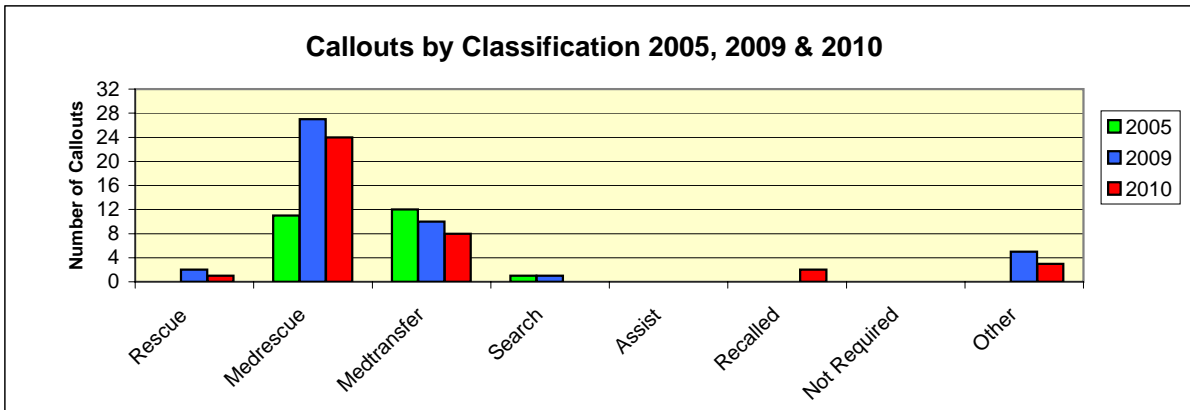
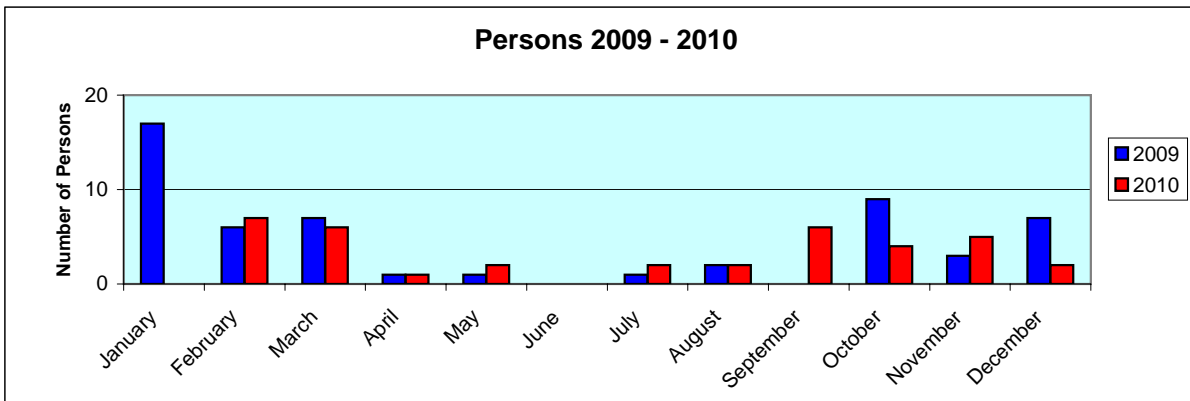
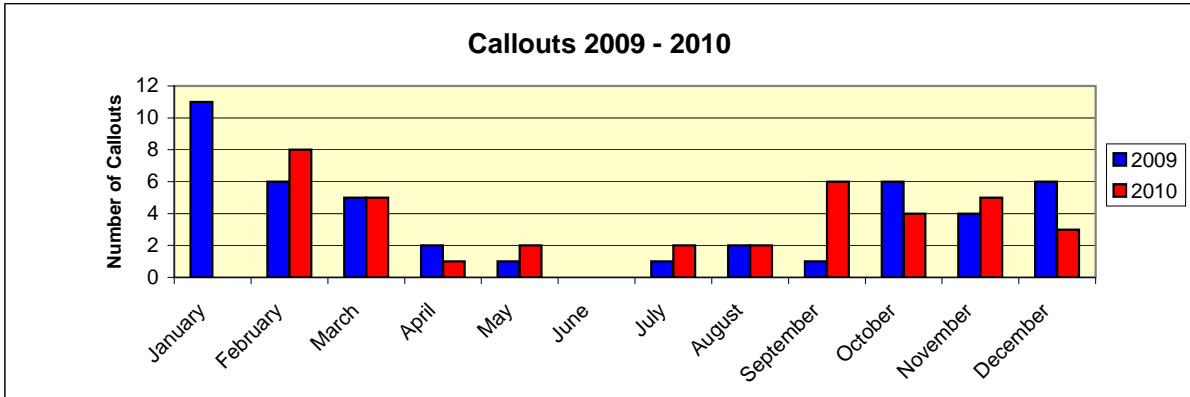
Monthly Totals

| | | Callouts | Persons |
|---------------|-----------|-----------|-----------|
| 2010 | January | 0 | 0 |
| | February | 8 | 7 |
| | March | 5 | 6 |
| | April | 1 | 1 |
| | May | 2 | 2 |
| | June | 0 | 0 |
| | July | 2 | 2 |
| | August | 2 | 2 |
| | September | 6 | 6 |
| | October | 4 | 4 |
| | November | 5 | 5 |
| | December | 3 | 2 |
| Total: | | 38 | 37 |

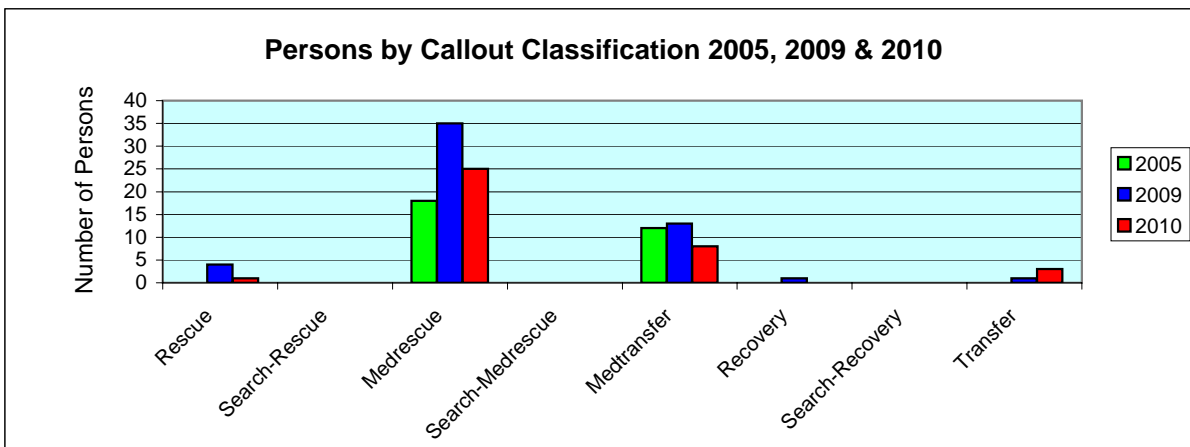
| | | Average Flying hours* | | Average Distance from Base (nautical miles) | |
|------------------------|------|-----------------------|-------------|------------------------------------------------|-----------|
| | | 2009 | 2010 | 2009 | 2010 |
| | 2009 | 1.29 | 0.00 | 56 | 0 |
| | 2010 | 2.08 | 1.28 | 93 | 42 |
| | 2009 | 2.01 | 3.00 | 72 | 125 |
| | 2010 | 1.05 | 1.10 | 55 | 21 |
| | 2009 | 4.00 | 1.00 | 140 | 13 |
| | 2010 | 0.00 | 0.00 | 0 | 0 |
| | 2009 | 1.35 | 3.40 | 12 | 133 |
| | 2010 | 2.22 | 3.57 | 66 | 155 |
| | 2009 | 0.30 | 1.45 | 20 | 68 |
| | 2010 | 1.13 | 3.05 | 15 | 125 |
| | 2009 | 3.42 | 1.11 | 84 | 10 |
| | 2010 | 1.27 | 2.12 | 30 | 131 |
| Annual Average: | | 1.51 | 2.07 | 57 | 77 |

* 'Average Flying Hours' are expressed in Hours and Minutes.
(Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

Falklands - Helicopters



'Other' includes Search-Rescue, Search-Medrescue, Recovery, Search-Recovery, Transfer, Civ Aid, Top Cover, Search-Assist, False Alarm, Hoax, Precaution, Aborted and Search-Aborted.



SECTION 4

MOUNTAIN RESCUE TEAMS

UK SAR MRT CALLOUTS

2010

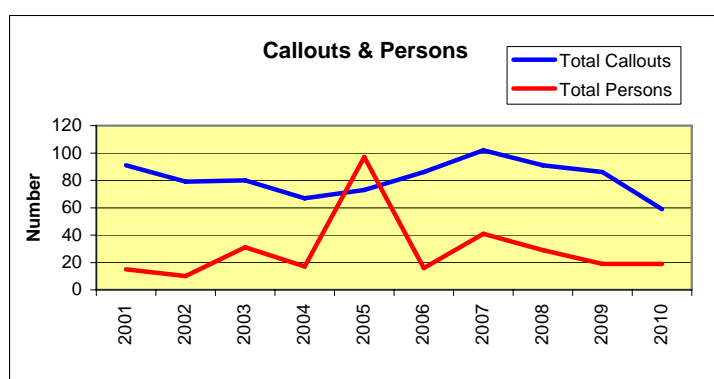
| | |
|---------------|----------------|
| MRT Kinloss ▲ | MRT Valley ▲ |
| MRT Leeming ▲ | MRT Leuchars ▲ |



RAF Mountain Rescue Teams

Annual Totals

| | Total Callouts | Total Persons | Kinloss | | Leeming | | Leuchars | | Valley | | Other* | |
|------|-------------------|------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|
| | | | Callouts | Persons | Callouts | Persons | Callouts | Persons | Callouts | Persons | Callouts | Persons |
| 2001 | 91 | 15 | 25 | 1 | 21 | 4 | 17 | 3 | 0 | 0 | 28 | 7 |
| 2002 | 79 | 10 | 31 | 1 | 16 | 9 | 9 | 0 | 0 | 0 | 23 | 0 |
| 2003 | 80 | 31 | 33 | 5 | 16 | 16 | 15 | 5 | 0 | 0 | 16 | 5 |
| 2004 | 67 | 17 | 30 | 7 | 4 | 0 | 15 | 7 | 0 | 0 | 18 | 3 |
| 2005 | 73 | 97 | 32 | 71 | 6 | 21 | 16 | 2 | 18 | 3 | 1 | 0 |
| 2006 | 86 | 16 | 24 | 4 | 14 | 1 | 13 | 1 | 35 | 10 | 0 | 0 |
| 2007 | 102 | 41 | 39 | 4 | 13 | 7 | 14 | 3 | 35 | 27 | 1 | 0 |
| 2008 | 91 | 29 | 32 | 7 | 12 | 7 | 21 | 9 | 25 | 5 | 1 | 1 |
| 2009 | 86 | 19 | 29 | 7 | 13 | 1 | 22 | 6 | 22 | 5 | 0 | 0 |
| 2010 | 59 | 19 | 20 | 4 | 8 | 6 | 14 | 3 | 17 | 6 | 0 | 0 |



The number of Persons assisted by MRTs can be difficult to quantify due to the nature of their work. MRTs spend long periods of time searching for, recovering and giving medical assistance to casualties in mountainous terrain. Casualties are often handed over to SAR helicopter crews for expedient transportation to a medical facility or other safe environment. Any Persons rescued in this manner are then accounted for in the accompanying helicopter callout and not by the MRT.

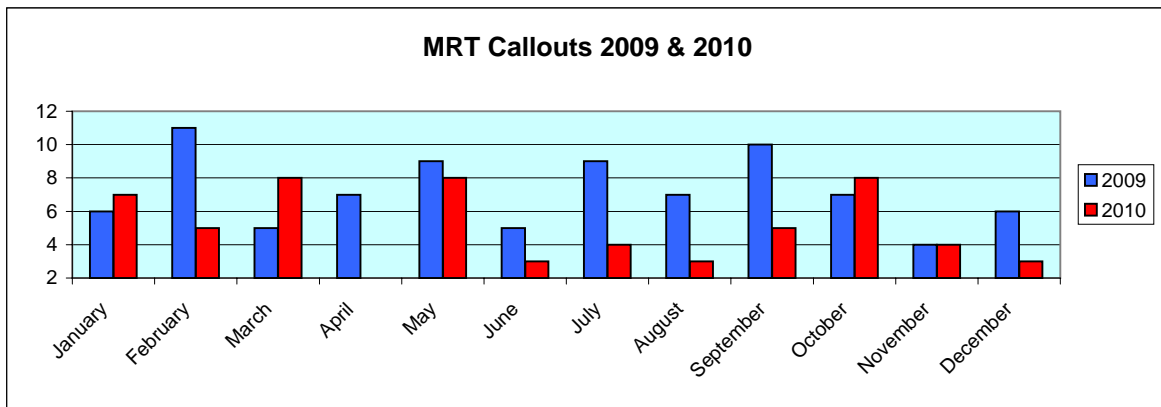
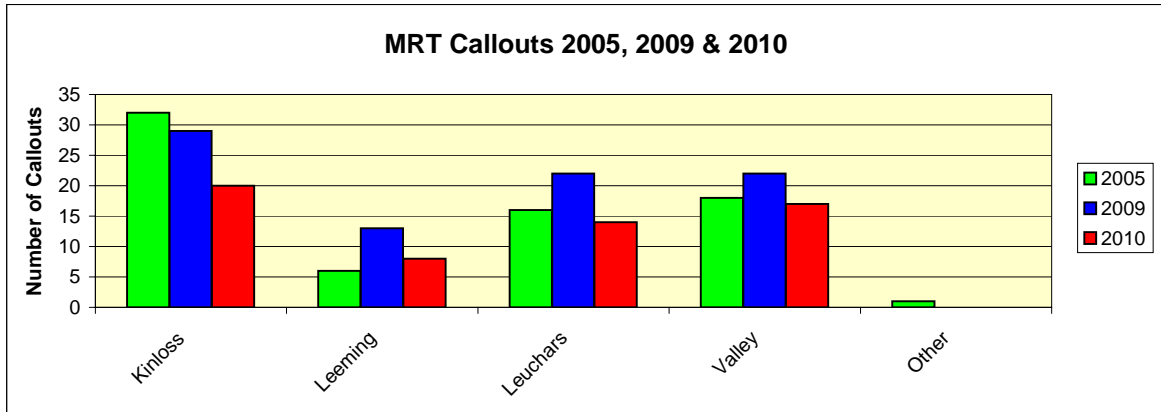
Monthly Totals

| | Total Callouts | Total Persons | Kinloss | | Leeming | | Leuchars | | Valley | | Other* | |
|---------------|-------------------|------------------|-----------|----------|----------|----------|-----------|----------|-----------|----------|----------|----------|
| | | | Callouts | Persons | Callouts | Persons | Callouts | Persons | Callouts | Persons | Callouts | Persons |
| 2010 | | | | | | | | | | | | |
| January | 7 | 4 | 0 | 0 | 3 | 4 | 2 | 0 | 2 | 0 | 0 | 0 |
| February | 5 | 1 | 3 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| March | 8 | 3 | 4 | 1 | 2 | 1 | 1 | 0 | 1 | 1 | 0 | 0 |
| April | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 8 | 1 | 2 | 0 | 2 | 1 | 1 | 0 | 3 | 0 | 0 | 0 |
| June | 3 | 3 | 2 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| July | 4 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| August | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| September | 5 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| October | 8 | 1 | 2 | 0 | 0 | 0 | 3 | 0 | 3 | 1 | 0 | 0 |
| November | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 |
| December | 3 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 3 | 0 | 0 |
| Total: | 59 | 19 | 20 | 4 | 8 | 6 | 14 | 3 | 17 | 6 | 0 | 0 |

From 2005 St Athan & Stafford ceased operational activities and RAF Valley was re-instated and became the MRS HQ.

* 'Other' includes closed stations & winter and summer courses

RAF Mountain Rescue Teams



| | Average Distance from Base (nautical miles) | |
|-------------------|------------------------------------------------|-----------|
| | 2009 | 2010 |
| January | 33 | 58 |
| February | 47 | 56 |
| March | 48 | 61 |
| April | 50 | 102 |
| May | 50 | 42 |
| June | 92 | 78 |
| July | 51 | 46 |
| August | 127 | 67 |
| September | 43 | 55 |
| October | 45 | 52 |
| November | 71 | 27 |
| December | 55 | 84 |
| Total/Avg: | 57 | 56 |

| MRT Man Hours | | | | | | | | | | |
|---------------|------|------|------|-------|------|------|------|------|------|--|
| 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | |
| 14993 | 5694 | 7970 | 9372 | 10863 | 8000 | 8602 | 6950 | 7684 | 3353 | |



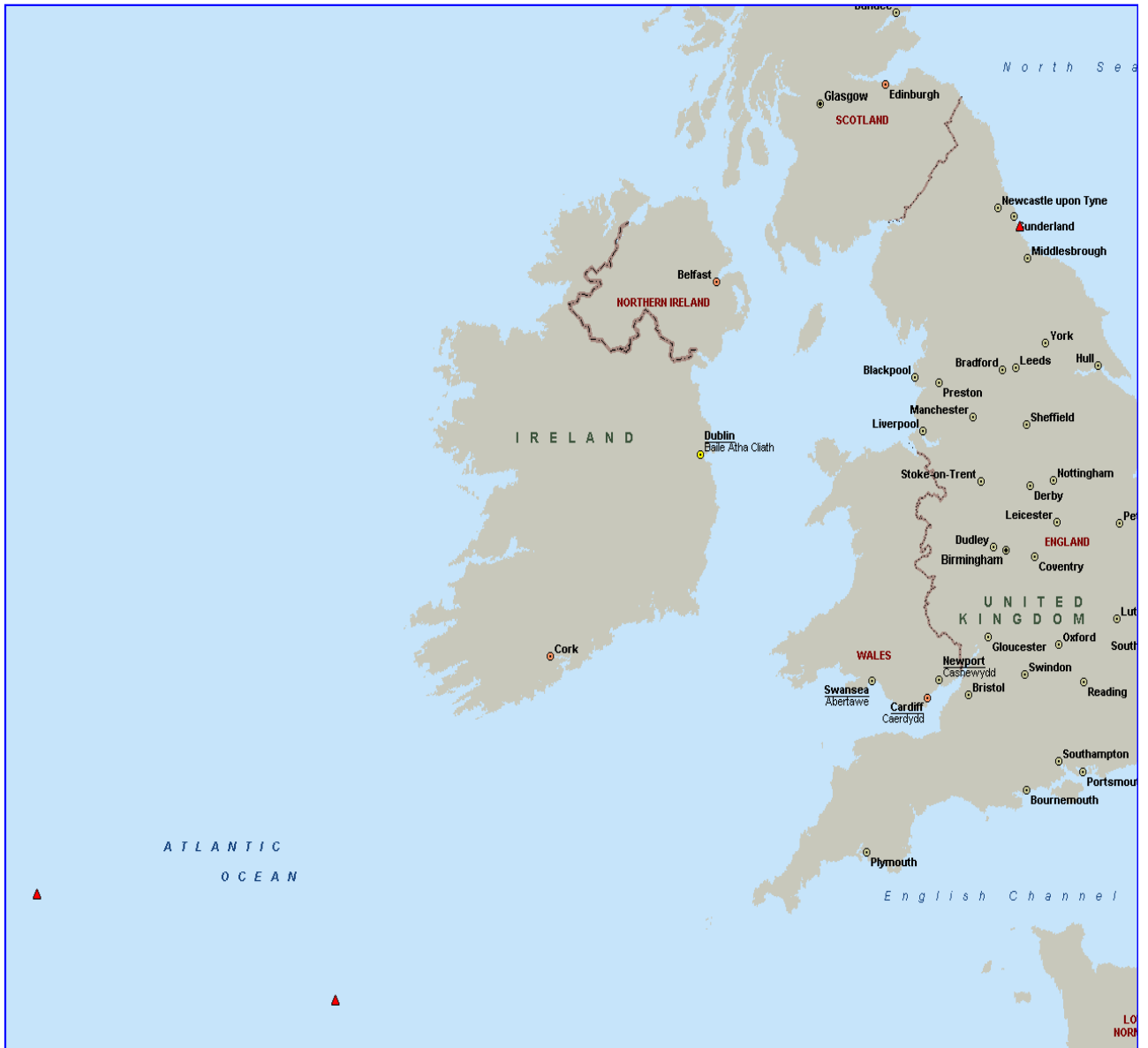
SECTION 5

FIXED WING

UK SAR FIXED WING CALLOUTS

2010

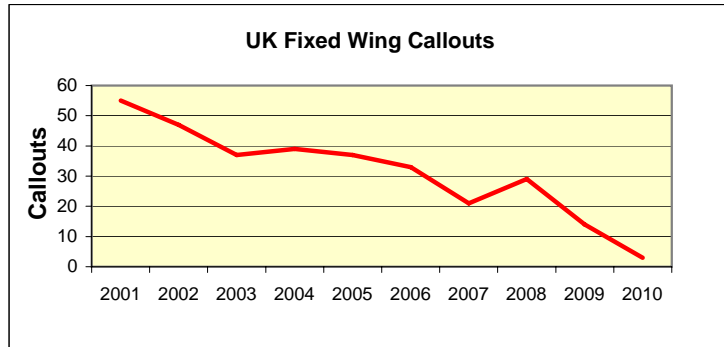
| | |
|-------------------------|---|
| Nimrods | ▲ |
| Other Fixed Wing | ▲ |



SAR Callouts - UK & Overseas Fixed Wing Aircraft

UK Annual Totals - Fixed Wing Callouts Totals

| | Total UK callouts | Nimrods | Other F/Wing |
|------|----------------------|---------|-----------------|
| 2001 | 55 | 54 | 1 |
| 2002 | 47 | 46 | 1 |
| 2003 | 37 | 37 | 0 |
| 2004 | 39 | 37 | 2 |
| 2005 | 37 | 37 | 0 |
| 2006 | 33 | 32 | 1 |
| 2007 | 21 | 21 | 0 |
| 2008 | 29 | 29 | 0 |
| 2009 | 14 | 13 | 1 |
| 2010 | 3 | 3 | 0 |



Total Callouts by Callout Classification - UK & Overseas

| YEAR | Total Callouts | Search | Top Cover | Other * |
|------|-------------------|--------|--------------|---------|
| 2001 | 55 | 13 | 39 | 3 |
| 2002 | 47 | 8 | 37 | 2 |
| 2003 | 37 | 11 | 21 | 5 |
| 2004 | 39 | 5 | 29 | 5 |
| 2005 | 37 | 10 | 25 | 2 |
| 2006 | 33 | 9 | 22 | 2 |
| 2007 | 21 | 4 | 16 | 1 |
| 2008 | 29 | 9 | 17 | 3 |
| 2009 | 14 | 2 | 10 | 2 |
| 2010 | 3 | 1 | 2 | 0 |



* 'Other' includes Assist, Recall, Not Required, False Alarm, Hoax, Precaution, Aborted, Rescue, Medrescue, Medtransfer & Transfer

UK Monthly Totals

| Callouts | Average Flying Hours * | | Average Distance from Base (nautical miles) | |
|---------------|------------------------------|-------------|------------------------------------------------------|------------|
| | 2009 | 2010 | 2009 | 2010 |
| 2010 | | | | |
| January | 1 | 0.00 | 5.52 | 0 |
| February | 0 | 4.32 | 0.00 | 358 |
| March | 2 | 2.39 | 3.51 | 328 |
| April | 0 | 2.12 | 0.00 | 157 |
| May | 0 | 4.00 | 0.00 | 559 |
| June | 0 | 4.12 | 0.00 | 820 |
| July | 0 | 2.49 | 0.00 | 265 |
| August | 0 | 0.00 | 0.00 | 0 |
| September | 0 | 3.39 | 0.00 | 473 |
| October | 0 | 5.35 | 0.00 | 680 |
| November | 0 | 0.00 | 0.00 | 0 |
| December | 0 | 3.30 | 0.00 | 560 |
| Total: | 3 | 3.38 | 4.31 | 477 |
| | | | | 459 |

RAF Nimrod aircraft was used to provide communications assistance - 'Top Cover' to SAR Helicopters during incidents. The Nimrod was withdrawn from service in March 2010.

* 'Average Flying Hours' are expressed in Hours and Minutes. (Flying time excludes periods where an aircraft lands, whether the engines are shut down or not).

SECTION 6

MARITIME & COASTGUARD AGENCY

Maritime & Coastguard Agency SAR Statistics

Source: Maritime & Coastguard Agency.

Please note that these figures are provisional and subject to audit.

Incidents using CG Helicopter assistance by bases for 1st January - 31st December 2010

| | Lee on Solent | Shetland | Portland | Stornoway | Total |
|--------------|---------------|------------|------------|------------|------------|
| January | 12 | 14 | 8 | 7 | 41 |
| February | 15 | 9 | 10 | 13 | 47 |
| March | 18 | 5 | 6 | 11 | 40 |
| April | 22 | 14 | 17 | 18 | 71 |
| May | 20 | 6 | 27 | 14 | 67 |
| June | 26 | 16 | 27 | 22 | 91 |
| July | 32 | 7 | 34 | 31 | 104 |
| August | 27 | 16 | 25 | 25 | 93 |
| September | 21 | 8 | 25 | 23 | 77 |
| October | 11 | 7 | 18 | 23 | 59 |
| November | 18 | 13 | 9 | 7 | 47 |
| December | 6 | 7 | 7 | 12 | 32 |
| Total | 228 | 122 | 213 | 206 | 769 |

The RAF Kinloss coordination centre work closely with other agencies during many SAR operations - the Maritime & Coastguard agency forming a major part of the combined UK SAR effort. The Coastguard have four SAR helicopter units; Sumburgh (Shetland), Stornoway (Isle of Lewis), Portland and Lee-on-Solent. Their helicopter crews provide cover for civil maritime, civil aviation SAR, some land operations and military rescues.



SEARCH AND RESCUE DEFINITIONS

Note: This report has been compiled in accordance with the following definitions, which have been used since 2007.

| Current Term | Previous Term | |
|--------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESCUE | No change | Transfer of distressed uninjured person(s) from a hostile to a benign environment. |
| MEDRESCUE | No change | Transfer of sick or injured persons(s) from a hostile environment to a recognised medical facility (eg, hospital or chamber). |
| TRANSFER | AIRLIFT | Transfer of military personnel, or their families, on compassionate grounds. |
| MEDTRANSFER | MEDEVAC | Transfer of patients or organs between medical establishments at the request of a recognised Medical Authority, i.e. NHS Trust, Hospital or Ambulance Authority. |
| ASSIST | No change | Assistance to other SAR assets etc, such as moving SAR personnel or equipment (eg, mountain rescue teams, divers, pumps), shepherding of aircraft etc. |
| SEARCH | No change | Search for craft, person(s), etc which does not result in moving a person. |
| SEARCH – RESCUE | | Search for craft, person(s), etc resulting in the rescue of an uninjured person. |
| SEARCH – MEDRESCUE | | Search for craft, person(s), etc resulting in the rescue of a sick/injured casualty. |
| SEARCH – ASSIST | | Search for craft, person(s), etc involving assistance to other SAR assets. |
| SEARCH – RECOVERY | | Search for craft, person(s), etc resulting in the recovery of person(s) apparently dead. |
| SEARCH – ABORT | | Search for craft, person(s), etc during which callout terminated due to eg malfunction or adverse weather. |
| TOP-COVER | No change | On-scene assistance, e.g. communications relay, target identification, vectoring to target etc. for another rescue asset, or as cover for person(s) or vessel(s) in distress that does not result in further intervention. |
| RECALLED | No change | Asset recalled from incident whilst en route. |
| NOT REQUIRED | No change | Asset arrived on scene but no action required. |
| ABORT | No change | Callout terminated due to eg malfunction or adverse weather. |
| RECOVERY | No change | Recovery of person(s) apparently dead. |
| PRECAUTION | No change | Pre-positioning of a SAR helicopter to provide faster response to an anticipated or potential incident, eg, in response to an aircraft declaring a “MAYDAY” or a potential incident on a offshore installation. |
| FALSE ALARM | No change | Unnecessary callout with good intent. |
| HOAX | No change | Unnecessary callout with malicious intent |
| CIVIL AID | No change | Military Aid to the Civil Community (eg fire control). |

