

Military Search and Rescue Monthly Report September 2011



MINISTRY OF DEFENCE

Published: 4 November 2011

Coverage

United Kingdom, Cyprus, Falkland Islands

Theme

Defence

Issued by

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Introduction

Military Search and Rescue

The military Search and Rescue (SAR) service exists primarily to assist military personnel in difficulty, although the majority of its work involves assisting civilians in distress, both on land and at sea. SAR coverage for the United Kingdom and a large area of the surrounding sea is provided 24 hours a day and 365 days a year by the RAF and the Royal Navy.

UK Helicopters

The UK military SAR aeronautical coverage currently consists of RAF and Royal Navy SAR Sea King helicopters operating from eight locations around the UK (RAF Boulmer, RAF Lossiemouth, RAF Leconfield, RAF Valley, RAF Chivenor, RAF Wattisham, RNAS Culdrose and HMS Gannet). The military SAR force operates 24 hours a day. It provides coverage throughout the UK, and also covers an area extending from the Faroe Islands in the north, the English Channel in the south, about half way across the North Sea to the east and halfway across the Atlantic Ocean to the west.

The UK SAR helicopter coverage is coordinated by the Aeronautical Rescue Coordination Centre (ARCC) based at RAF Kinloss.

Mountain Rescue Teams

The RAF has four mountain rescue teams (MRT), based at RAF Kinloss, RAF Leuchars, RAF Leeming and RAF Valley. The MRT units provide land rescues, primarily over the mountain regions of the UK. Military MRT units are coordinated by the ARCC, and often work in conjunction with helicopter units.

Overseas Helicopters

A SAR service is also provided by two overseas bases, at RAF Akrotiri in Cyprus and RAF Mount Pleasant in the Falkland Islands.

Further information on the UK's military SAR coverage is available at:

<http://www.raf.mod.uk/rafsearchandrescue/>

<http://www.royalnavy.mod.uk/Operations/Enduring-Operations/UK/Search-and-Rescue>

Other Search and Rescue

In addition to the RAF and Royal Navy, a number of non-military organisations provide SAR coverage throughout the UK. The activities of these non-military organisations is outside the scope of this report, however background information on some of the organisations involved is provided below.

Maritime and Coastguard Agency

In addition to the eight military aeronautical SAR units, additional aeronautical SAR coverage is provided by four Maritime and Coastguard Agency (MCA) helicopter units. Although these are not part of the military SAR service, the MCA helicopters are coordinated by the ARCC at RAF Kinloss, to provide integrated coverage across the UK. Details of their activities are included in the SAR Quarterly and Annual reports.

In addition to its aeronautical coverage, the MCA provides maritime SAR coverage throughout the UK. Details of maritime SAR callouts are not included in this report. Further information is available at:

<http://www.dft.gov.uk/mca/mcga07-home/emergencyresponse/mcga-searchandrescue.htm>

RNLI

The RNLI is a charitable organisation providing 24 hour lifeboat SAR coverage around the coast of the UK and Republic of Ireland, along with a seasonal lifeguard service.

<http://www.rnli.org.uk/>

Mountain Rescue Teams

A number of voluntary Mountain Rescue services operate throughout the UK. These often work in conjunction with the military SAR service. Details of non-military Mountain Rescue callouts are not included in this report. Further information can be found at:

<http://www.mountain.rescue.org.uk/>

<http://www.mrcofs.org/>

Air Ambulance

Air Ambulance services operate throughout the UK, providing emergency medical assistance. Further information is available at:

<http://www.airambulanceassociation.co.uk/>

What is included in this report

This report covers military SAR activities for September 2011. It includes details of the activities of UK military SAR helicopters, RAF SAR helicopters operating in Cyprus and the Falkland Islands, and military MRT units. Details of MCA helicopters units are not included in this report. However, a summary is provided in the quarterly and annual SAR Reports.

The report includes counts of the number of incidents, callouts and persons moved in the previous month.

Incidents are emergencies attended by Royal Navy or Royal Air Force units whose primary task is SAR, plus other military aircraft and ships that are available to the Aeronautical Rescue Co-ordination Centre.

Each SAR unit attending an incident is described as a *callout*. An incident may result in one or more callouts.

Persons moved involves moving people from a hostile environment to a safe environment, or to a medical facility to receive urgent medical attention. It may also involve moving individuals between medical facilities at the request of the NHS.

The data source for this report is a weekly download from the ARCC database. Every incident recorded by the ARCC is included in these tables. Incident data from Cyprus and the Falklands is received by email on an ad hoc basis and may be incomplete. All data is validated and checked by DASA on receipt. Further details are available in DASA's SAR Background Quality Report.

<http://www.dasa.mod.uk/applications/newWeb/www/apps/publications/pubViewFile.php?content=2100&date=2011-06-16&type=pdf&PublishTime=09:30:00>

Key Points

- During September 2011, military Search and Rescue units attended 151 incidents, resulting in 152 callouts and 126 persons being moved.
- The number of callouts and incidents were slightly lower than in September 2010, although the number of persons moved increased. There were a number of callouts this month that resulted in more than one person being moved. This was particularly the case in the Falkland Islands, where there were a number of callouts to assist multiple military personnel.
- The number of callouts this month was the lowest September figure since 2001.
- There was a large fall (34%) in the number of callouts since last month. This reflects the general pattern of the peak of SAR activity occurring in the warmer summer months of June to August. The callout types with the largest fall since last month are Medrescue (31%), Not Required (53%) and Recalled (49%).
- There was a large fall in the number of UK callouts requested by the coastguard since last month (46%), reflecting the reduction in coastal activity between August and September. However, the number of callouts requested by the coastguard was also significantly less than in September 2010 (36%).
- The units with the largest decrease in callout numbers since September 2010 were RAF Lossiemouth (20%), RAF Chivenor (21%) and HMS Gannet (21%). RAF Valley attended 40% more callouts this month than in September 2010, making it the unit with the most callouts this month.

UK & Overseas Search And Rescue Summary

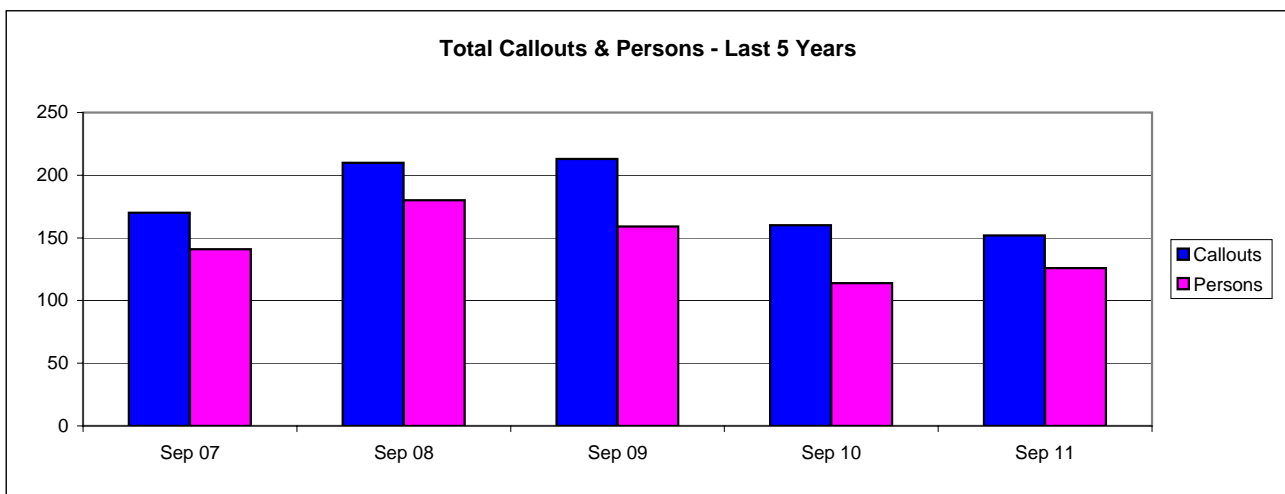
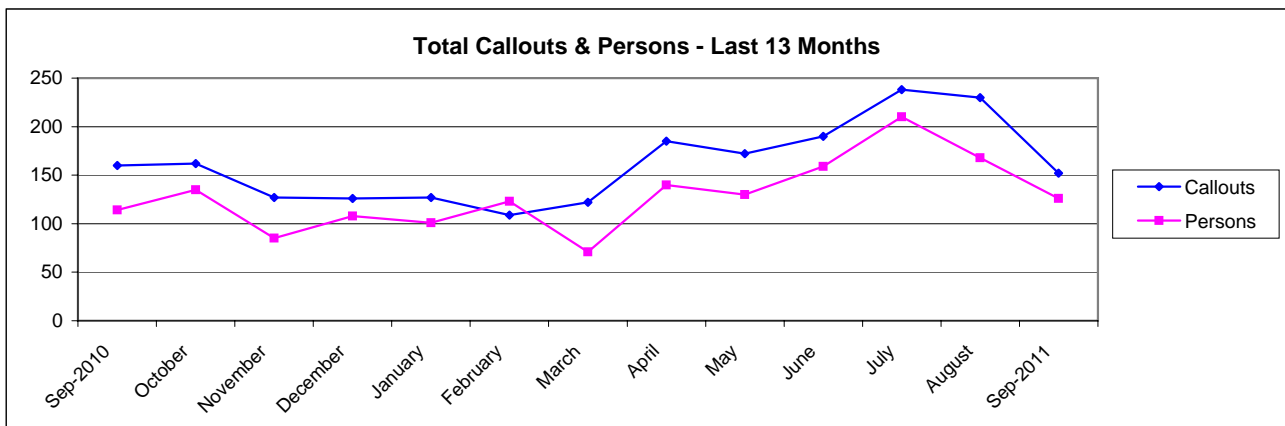
Current Month

2011	Total Callouts	UK Helicopters	Overseas Helicopters	Mountain Rescue Team	Incidents	Persons Moved
September	152	142	7	3	151	126

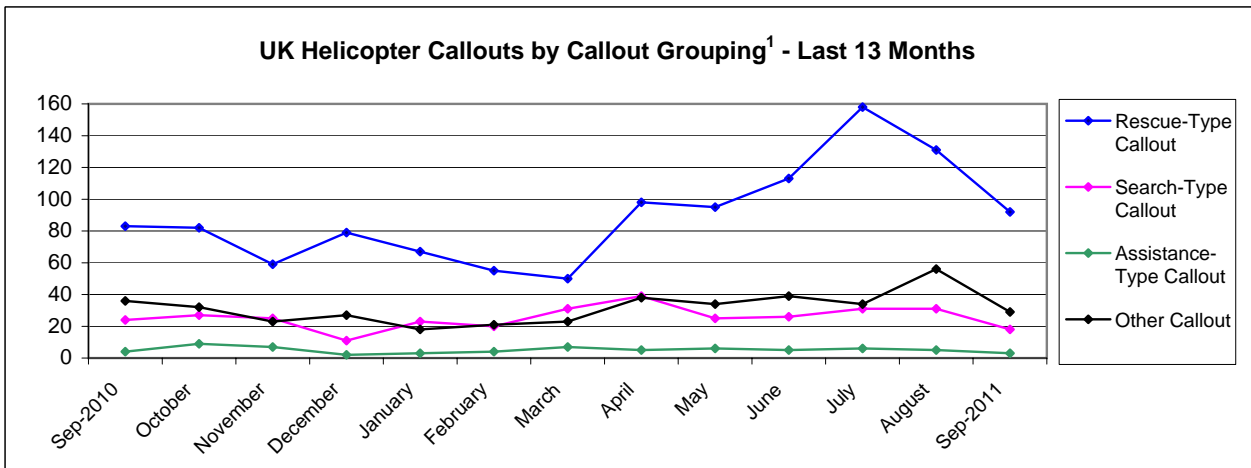
Previous 12 Months

August	230	223	5	2	228	168
July	238	229	3	6	232	210
June	190	183	5	2	185	159
May	172	160	6	6	167	130
April	185	180	3	2	184	140
March	122	111	9	2	118	71
February	109	100	3	6	103	123
January	127	111	9	7	118	101
December	126	119	4	3	121	108
November	127	114	9	4	114	85
October	162	150	4	8	152	135
September	160	147	8	5	153	114

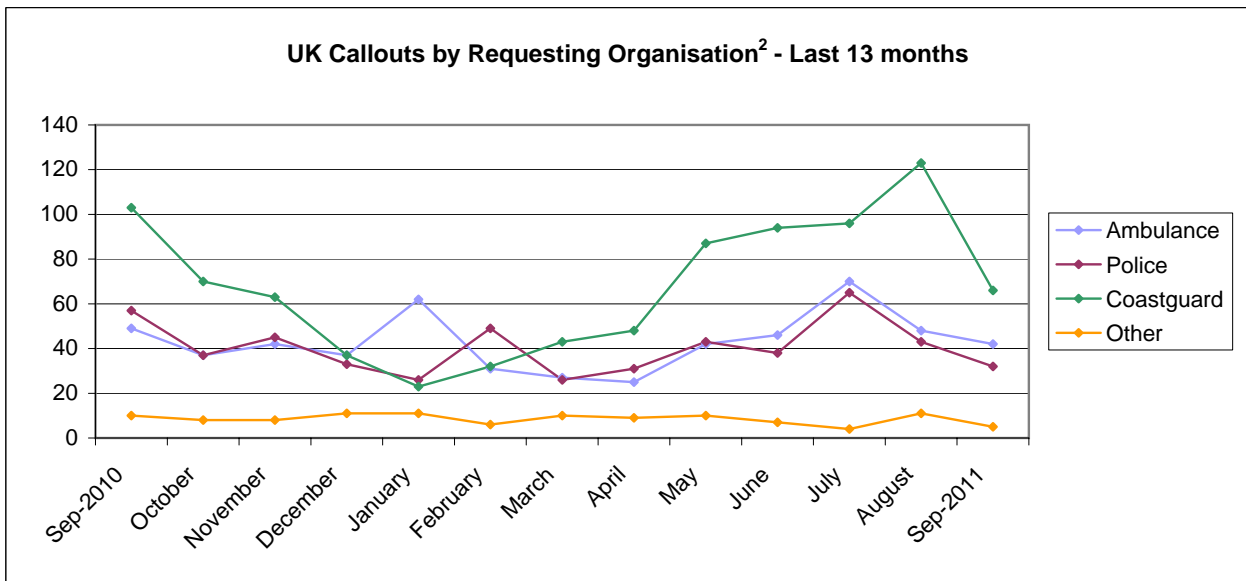
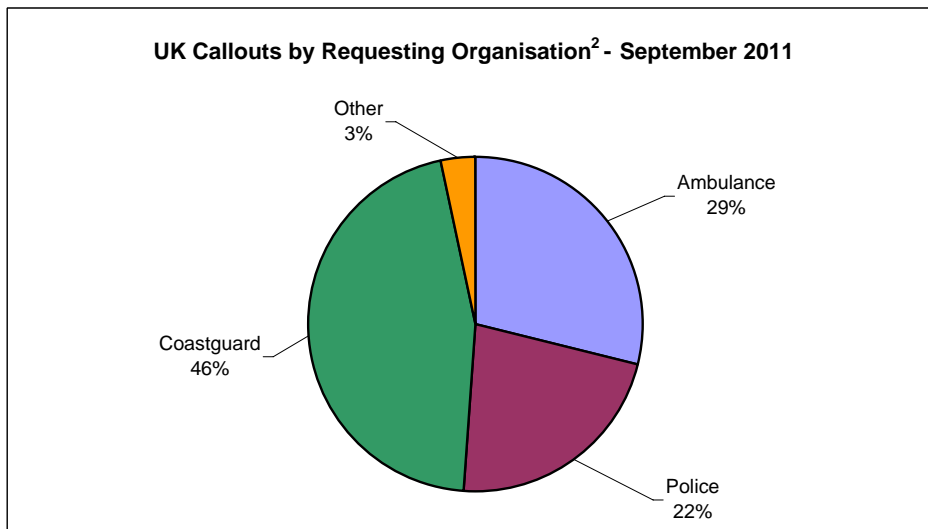
	ARCC Kinloss	RCC Cyprus	RCC Falklands	Total
Callouts	145	2	5	152
Incidents	144	2	5	151
Persons	111	2	13	126



UK Search And Rescue Summary



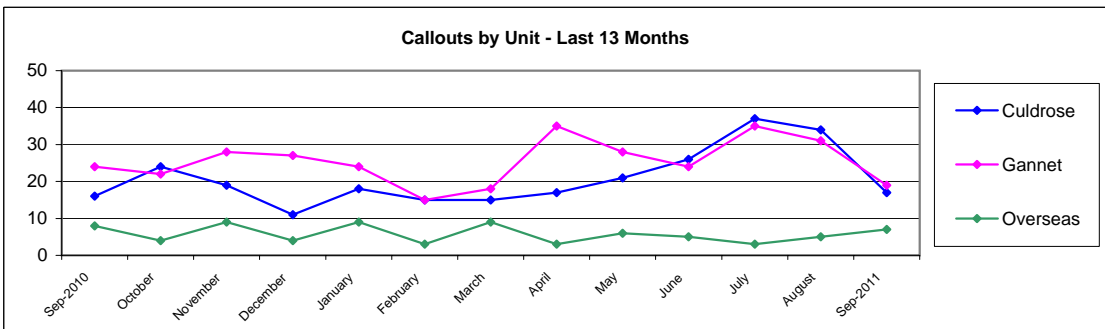
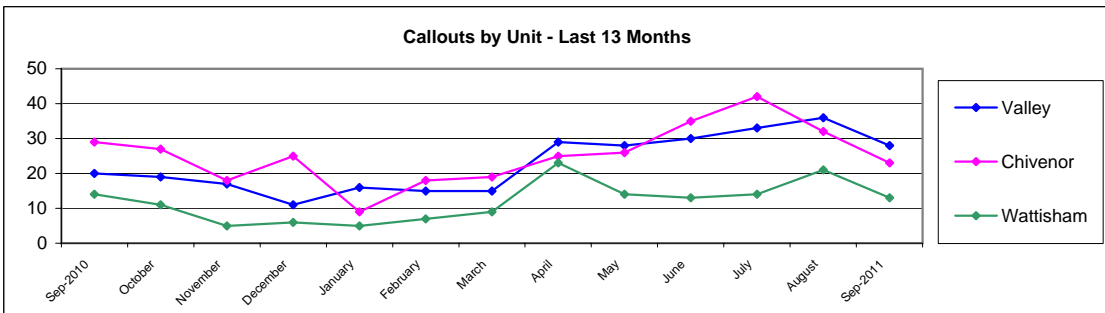
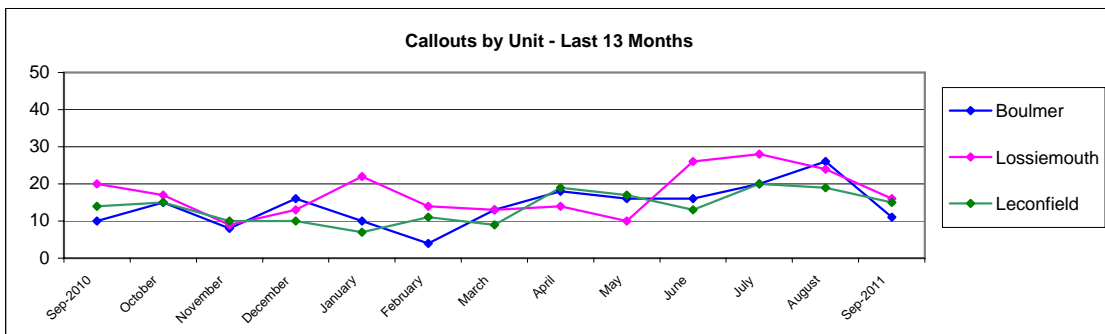
1. For definitions of callout groupings see SAR Definitions on page 10



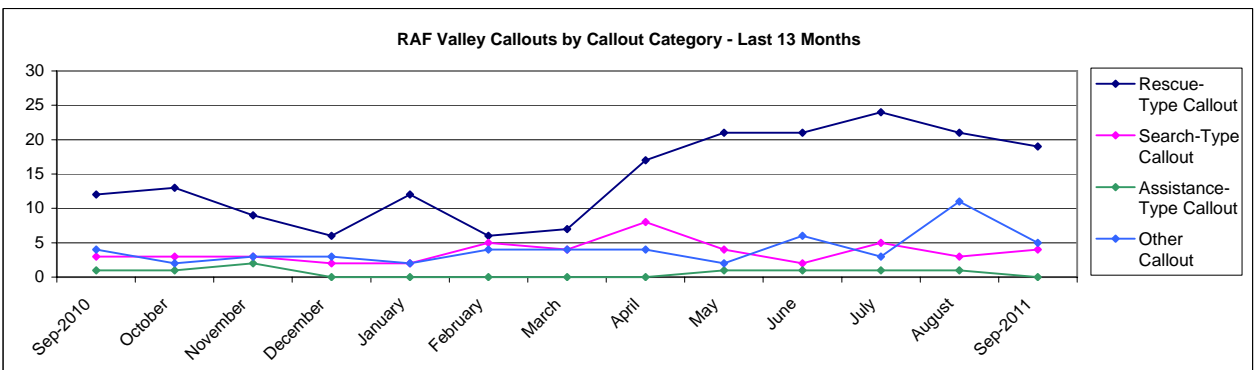
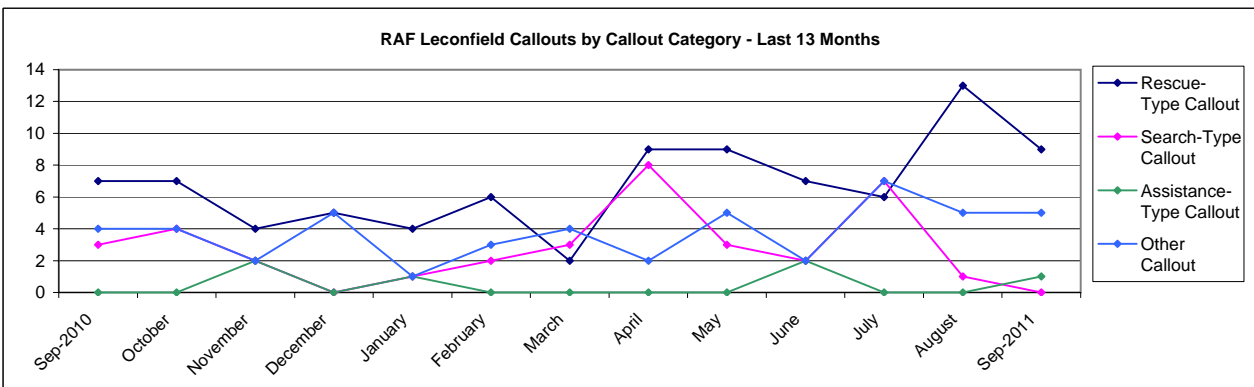
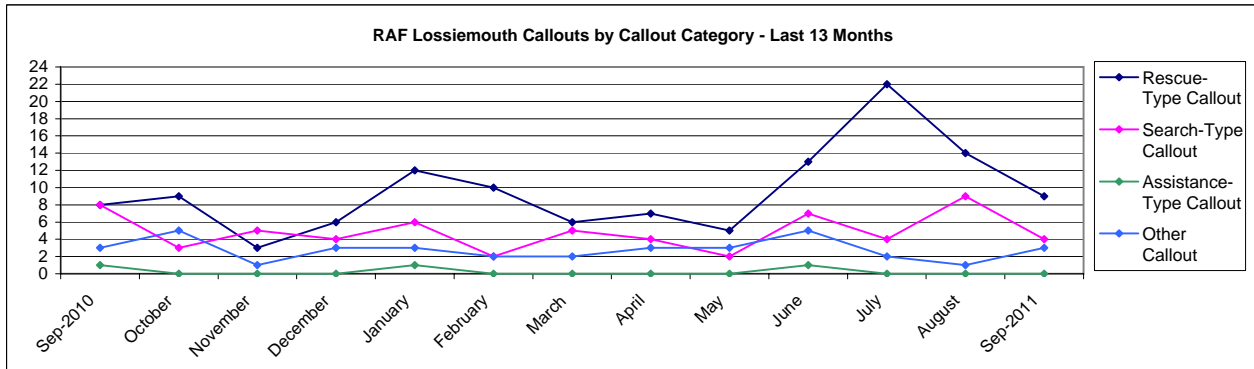
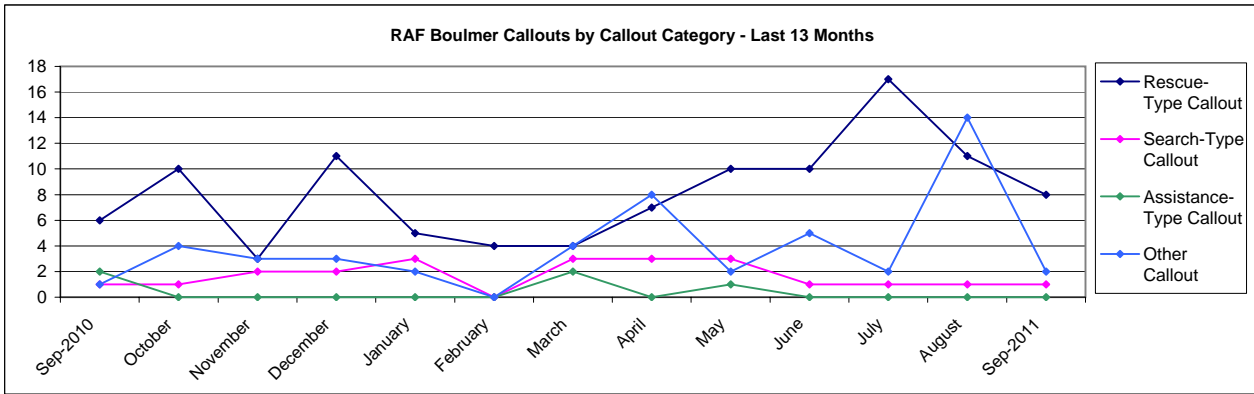
2. The requesting organisation is determined using an automated lookup function which searches for key text within the organisations' name. Within the 'Other' category, there may be a limited number of callouts by either Ambulance, Police or Coastguard due to the automated algorithm used.

Callouts - Helicopters (UK & Overseas)

	RAF Boulmer	RAF Lossiemouth	RAF Leconfield	RAF Valley	RAF Chivenor	RAF Wattisham	RAF UK Total	RNAS Culdrose	HMS Gannet	RN Total	UK Other	UK Total	Cyprus	Falklands	Overseas Total
Rescue	-	1	-	2	2	-	5	1	-	1	-	6	-	-	-
Search-Rescue	-	-	-	-	1	-	1	-	1	1	-	2	-	-	-
Medrescue	7	7	9	15	10	4	52	6	9	15	-	67	2	5	7
Search-Medrescue	1	1	-	1	-	-	3	1	-	1	-	4	-	-	-
Medtransfer	-	1	-	1	4	3	9	5	3	8	-	17	-	-	-
Recovery	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Search-Recovery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-
Civil Aid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Search	-	2	-	2	1	2	7	2	1	3	-	10	-	-	-
Top Cover	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-
Assist	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-
Search-Assist	-	1	-	1	-	-	2	-	-	-	-	2	-	-	-
Recalled	-	2	5	4	2	2	15	-	3	3	-	18	-	-	-
Not Required	2	-	-	1	3	1	7	1	1	2	-	9	-	-	-
False Alarm	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoax	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-
Precaution	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
Aborted	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-
Search-Aborted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Callouts	11	16	15	28	23	13	106	17	19	36	-	142	2	5	7

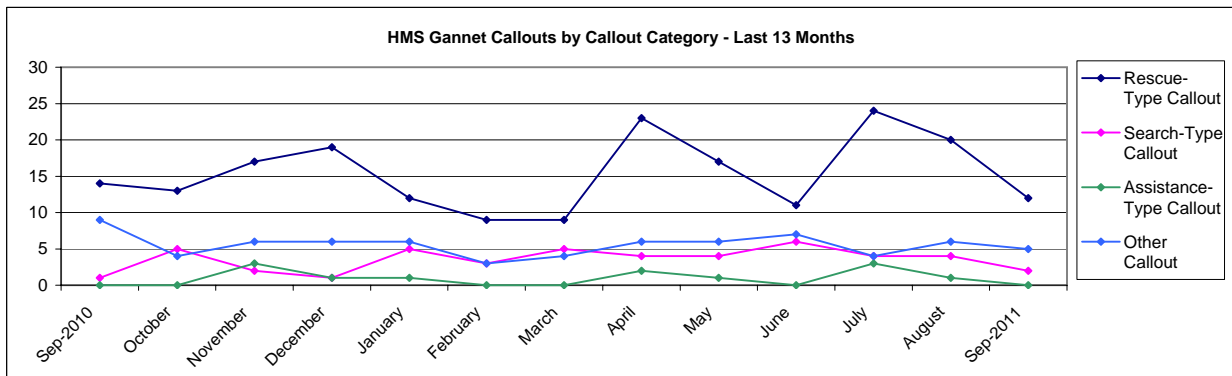
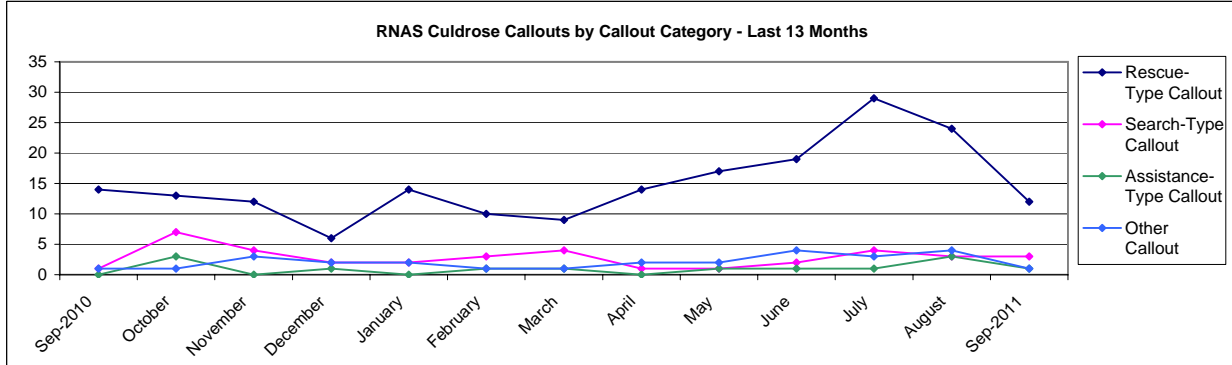
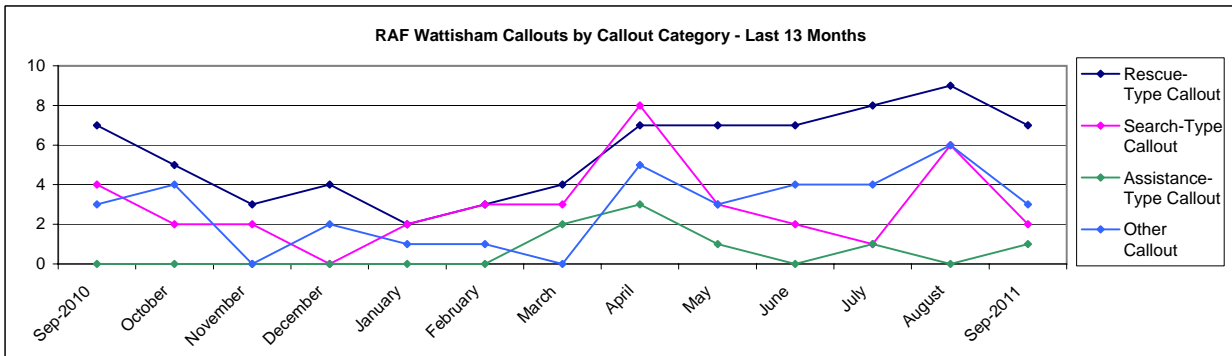
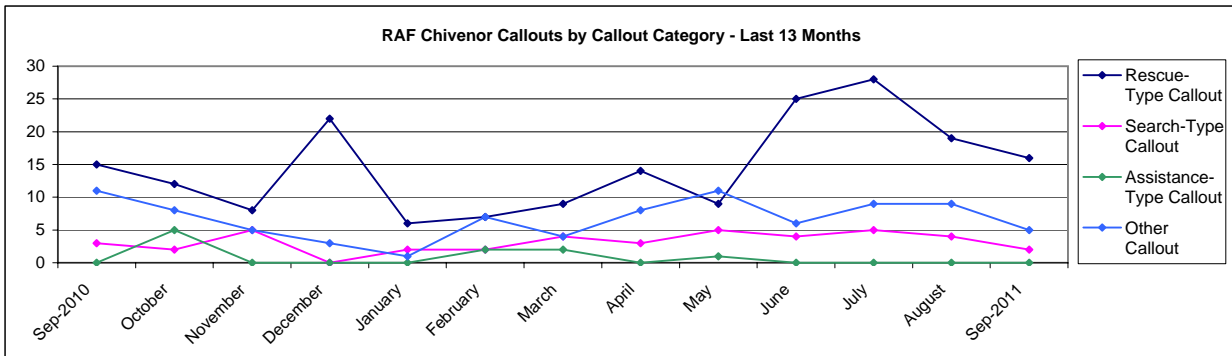


Callouts - UK Helicopters



1. For definitions of callout groupings see SAR Definitions on page 10

Callouts - UK Helicopters



1. For definitions of callout groupings see SAR Definitions on page 10

Callouts - Location & Category (UK & Overseas)

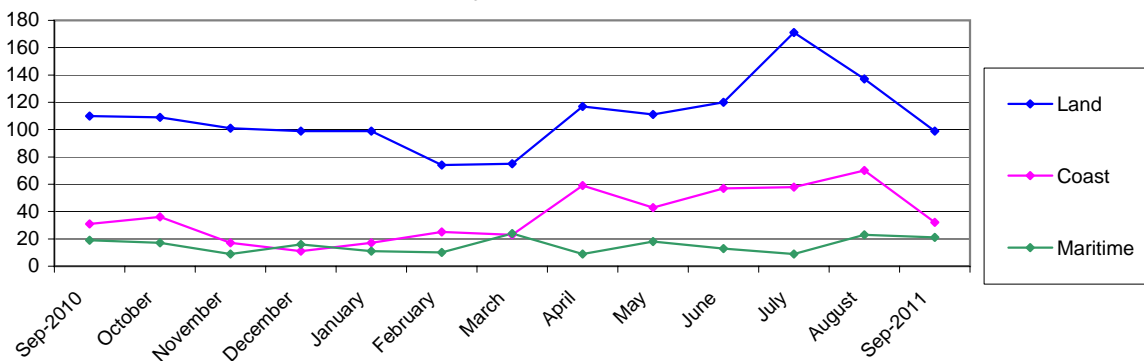
Callouts by Location

	Land	Coast	Maritime	Total
Rescue	5	1	-	6
Search-Rescue	2	-	-	2
Medrescue	49	9	16	74
Search-Medrescue	4	1	-	5
Medtransfer	17	-	-	17
Recovery	1	-	-	1
Search-Recovery	-	-	-	-
Transfer	-	-	1	1
Civil Aid	-	-	-	-
Search	6	4	-	10
Top Cover	-	-	1	1
Assist	2	-	-	2
Search-Assist	2	1	-	3
Recalled	8	8	2	18
Not Required	2	6	1	9
False Alarm	-	-	-	-
Hoax	-	1	-	1
Precaution	-	1	-	1
Aborted	1	-	-	1
Search-Aborted	-	-	-	-
Total Callouts	99	32	21	152

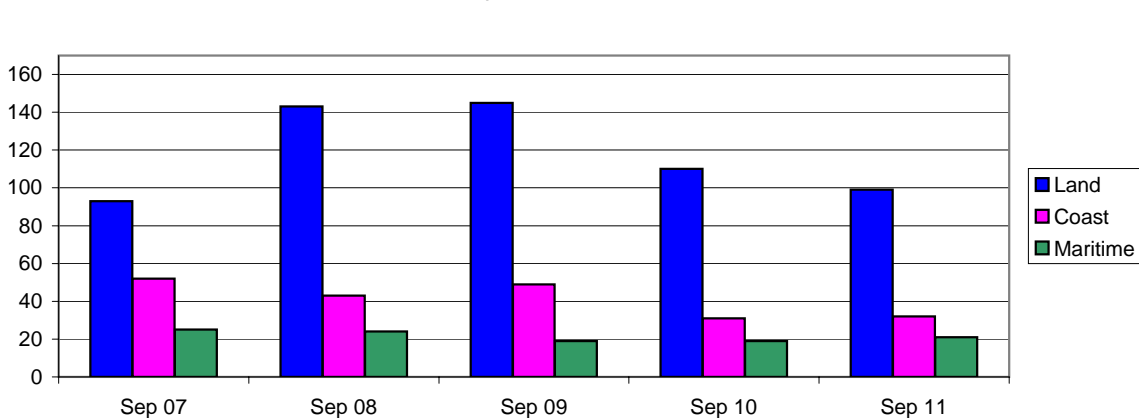
Callouts by Category

	Aero	Ship	Leisure Craft	Rig	Beacon	Flares	Person	Other	Total
Rescue	-	1	-	-	-	-	5	-	6
Search-Rescue	-	-	-	-	-	-	2	-	2
Medrescue	-	12	2	3	-	-	57	-	74
Search-Medrescue	-	-	-	-	-	-	5	-	5
Medtransfer	-	-	-	-	-	-	17	-	17
Recovery	-	-	-	-	-	-	1	-	1
Search-Recovery	-	-	-	-	-	-	-	-	-
Transfer	-	1	-	-	-	-	-	-	1
Civil Aid	-	-	-	-	-	-	-	-	-
Search	-	-	-	-	-	-	10	-	10
Top Cover	-	1	-	-	-	-	-	-	1
Assist	2	-	-	-	-	-	-	-	2
Search-Assist	-	-	-	-	-	-	3	-	3
Recalled	-	5	1	-	-	-	12	-	18
Not Required	-	3	-	-	-	-	6	-	9
False Alarm	-	-	-	-	-	-	-	-	-
Hoax	-	-	-	-	-	-	1	-	1
Precaution	-	-	-	-	-	-	1	-	1
Aborted	-	-	-	-	-	-	1	-	1
Search-Aborted	-	-	-	-	-	-	-	-	-
Total Callouts	2	23	3	3	-	-	121	-	152

Callouts by Location - Last 13 Months

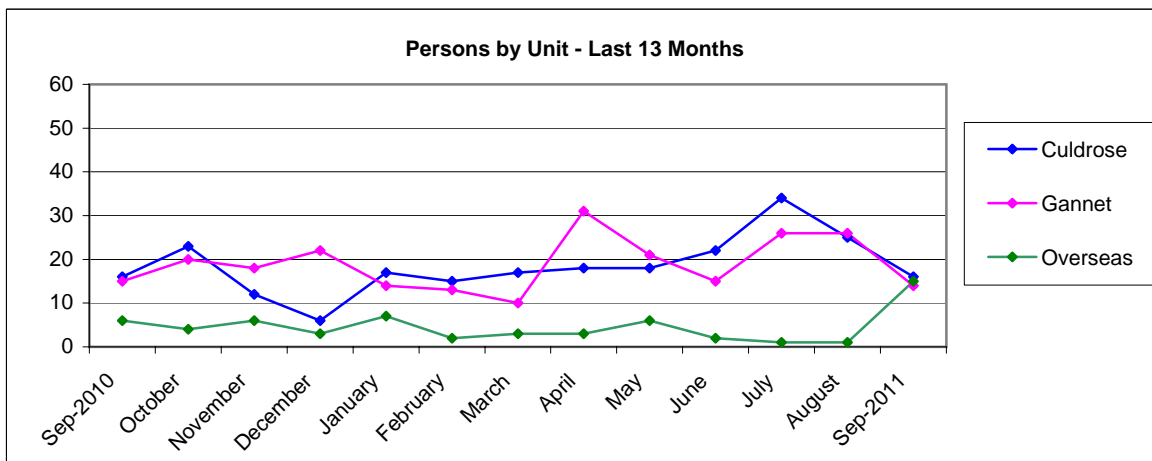
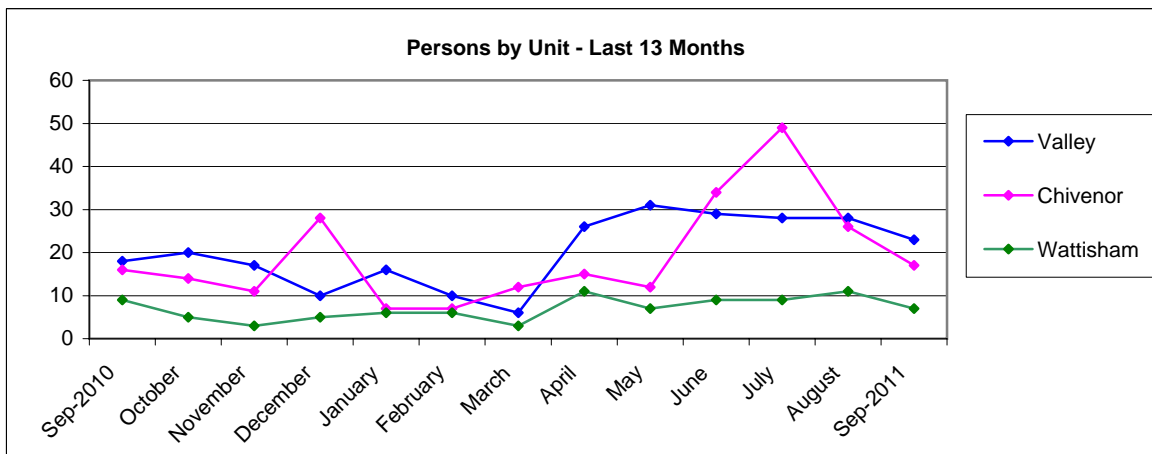
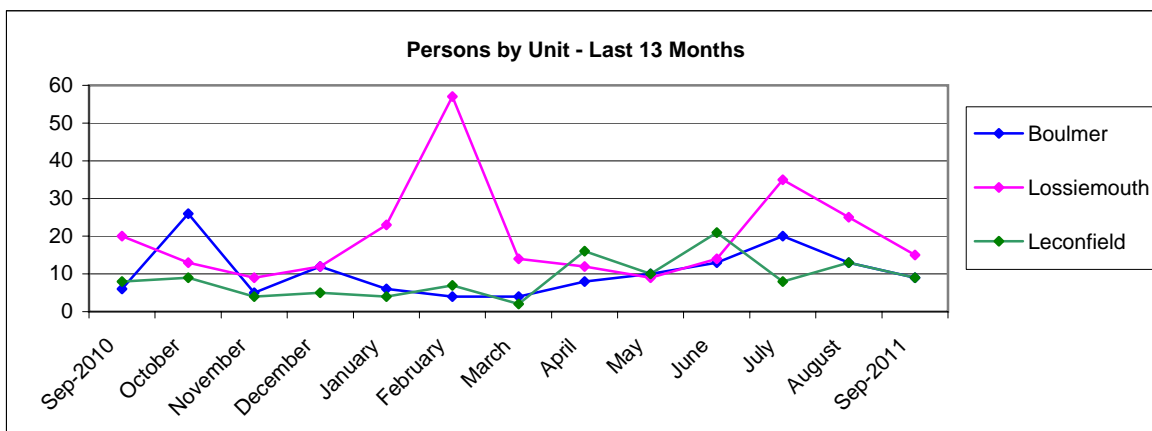


Callouts by Location - Last 5 Years



Persons - Helicopters (UK & Overseas)

	RAF Boulmer	RAF Lossiemouth	RAF Leconfield	RAF Valley	RAF Chivenor	RAF Wattisham	RAF UK Total	RNAS Cudrose	HMS Gannet	RN Total	UK Other	UK Total	Cyprus	Falklands	Overseas Total
Rescue	-	5	-	5	2	-	12	2	-	2	-	14	-	-	-
Search-Rescue	-	-	-	-	1	-	1	-	1	1	-	2	-	-	-
Medrescue	7	8	9	15	10	4	53	6	10	16	-	69	2	13	15
Search-Medrescue	1	1	-	1	-	-	3	2	-	2	-	5	-	-	-
Medtransfer	-	1	-	1	4	3	9	6	3	9	-	18	-	-	-
Recovery	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-
Search-Recovery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-
Total Persons	9	15	9	23	17	7	80	16	14	30	-	110	2	13	15



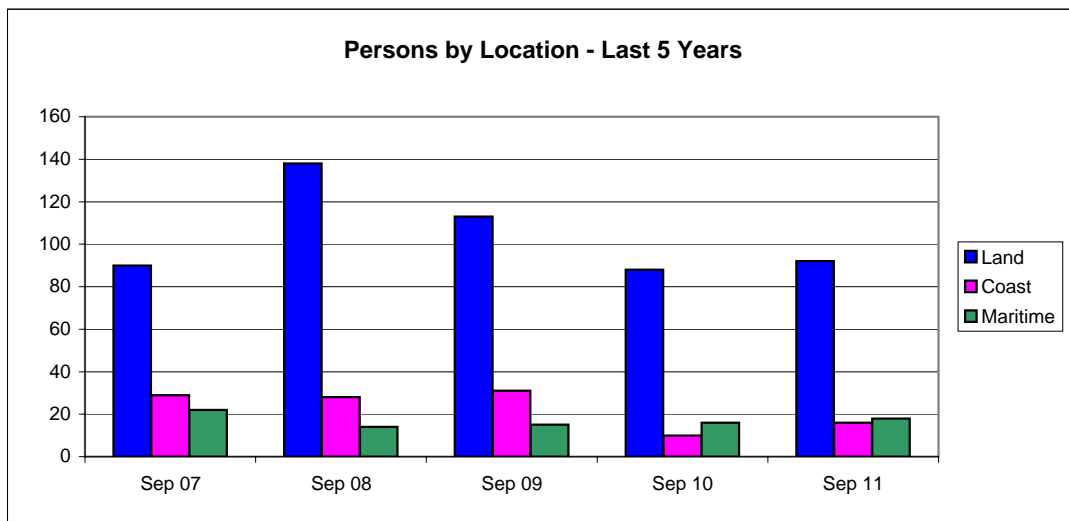
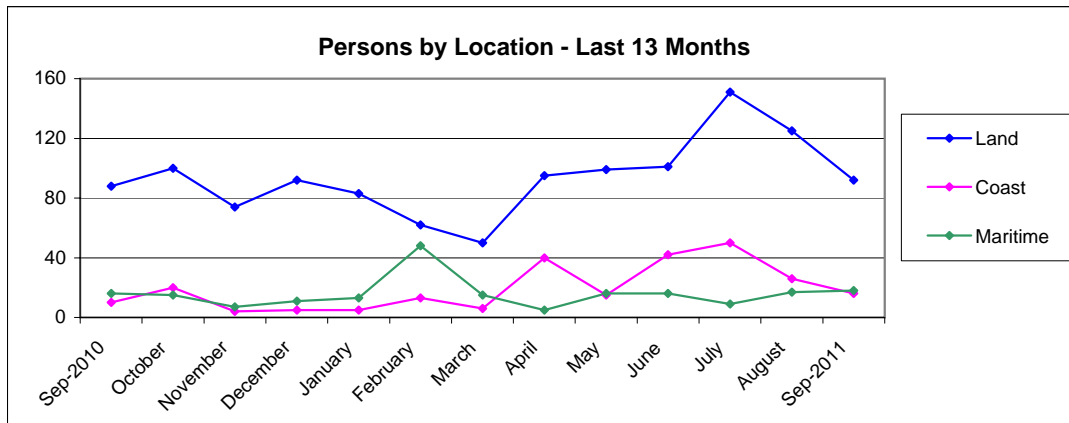
Persons - Location & Category (UK & Overseas)

Persons by Callout Location

	Land	Coast	Maritime	Total
Rescue	9	5	-	14
Search-Rescue	2	-	-	2
Medrescue	58	9	17	84
Search-Medrescue	4	2	-	6
Medtransfer	18	-	-	18
Recovery	1	-	-	1
Search-Recovery	-	-	-	-
Transfer	-	-	1	1
Total Persons	92	16	18	126

Persons by Callout Category

	Aero	Ship	Leisure Craft	Rig	Person	Other	Total
Rescue	-	5	-	-	9	-	14
Search-Rescue	-	-	-	-	2	-	2
Medrescue	-	13	2	3	66	-	84
Search-Medrescue	-	-	-	-	6	-	6
Medtransfer	-	-	-	-	18	-	18
Recovery	-	-	-	-	1	-	1
Search-Recovery	-	-	-	-	-	-	-
Transfer	-	1	-	-	-	-	1
Total Persons	-	19	2	3	102	-	126



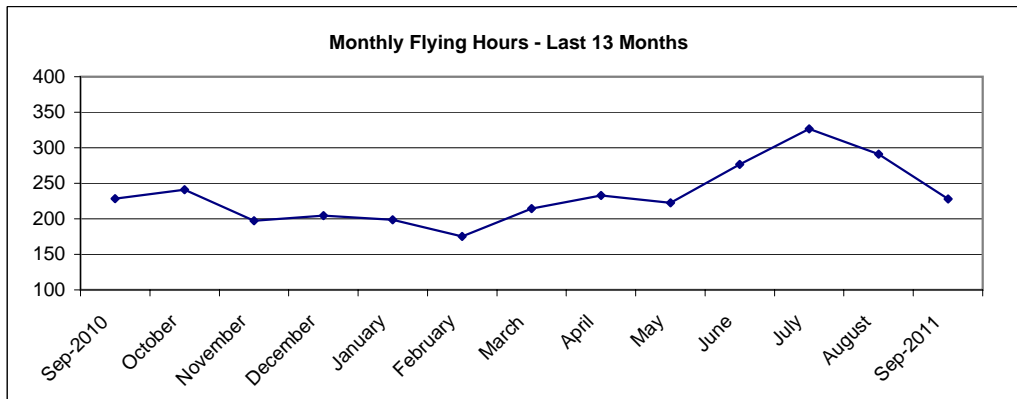
SAR Flying Hours & Mountain Rescue Teams

SAR Flying Hours³

	Total Flying Hours	Average Flying Hours	Average Time to Casualty ⁴
RAF Boulmer	18.45	1.42	0.20
RAF Lossiemouth	32.55	2.03	0.29
RAF Leconfield	14.30	0.58	0.25
RAF Valley	38.40	1.23	0.19
RAF Chivenor	39.25	1.43	0.19
RAF Wattisham	26.00	2.00	0.29
RNAS Culdrose	24.31	1.27	0.32
HMS Gannet	23.35	1.14	0.24
UK Other Helicopters	-	-	-
Cyprus	4.35	2.17	1.01
Falklands	5.10	1.02	0.14
Overseas Other Helicopters	-	-	-
	228.06	1.32	0.26

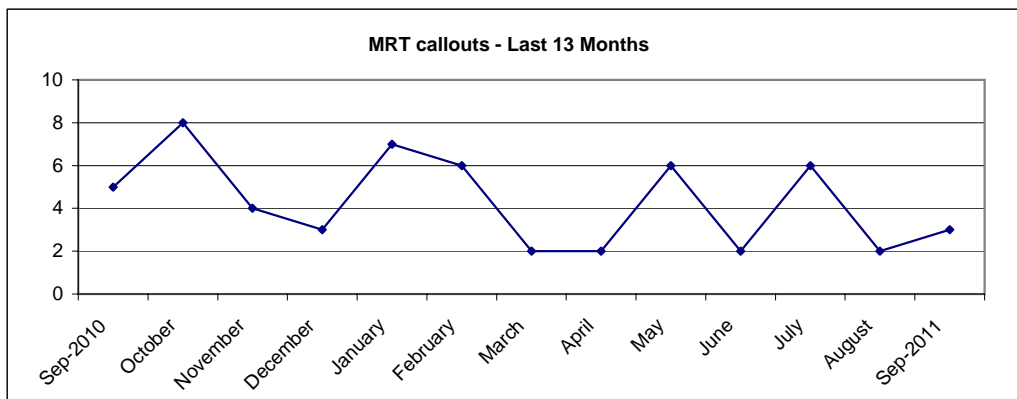
3. Times are expressed in Hours and Minutes.

4. Time to casualty is the time from departure from base to arrival at incident.



Mountain Rescue Teams

	Callouts	Persons	Man Hours
Kinloss	1	-	23
Leeming	1	-	53
Leuchars	-	-	-
Valley	1	1	170
Other	-	-	-
Total	3	1	246



SEARCH AND RESCUE DEFINITIONS

		GROUPING
RESCUE	Transfer of distressed uninjured person(s) from a hostile to a benign environment.	Rescue-Type
MEDRESCUE	Transfer of sick or injured persons(s) from a hostile environment to a recognised medical facility (eg, hospital or chamber).	Rescue-Type
TRANSFER	Transfer of military personnel, or their families, on compassionate grounds.	Rescue-Type
MEDTRANSFER	Transfer of patients or organs between medical establishments at the request of a recognised Medical Authority, i.e. NHS Trust, Hospital or Ambulance Authority.	Rescue-Type
RECOVERY	Recovery of person(s) apparently dead.	Rescue-Type
SEARCH	Search for craft, person(s), etc which does not result in moving a person.	Search-Type
SEARCH – RESCUE	Search for craft, person(s), etc resulting in the rescue of an uninjured person.	Search-Type
SEARCH – MEDRESCUE	Search for craft, person(s), etc resulting in the rescue of a sick/injured casualty.	Search-Type
SEARCH – ASSIST	Search for craft, person(s), etc involving assistance to other SAR assets.	Search-Type
SEARCH – RECOVERY	Search for craft, person(s), etc resulting in the recovery of person(s) apparently dead.	Search-Type
SEARCH – ABORT	Search for craft, person(s), etc during which callout terminated due to eg malfunction or adverse weather.	Search-Type
TOP-COVER	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.	Assistance-Type
PRECAUTION	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.	Assistance-Type
ASSIST	Assistance to other SAR assets etc, such as moving SAR personnel or equipment (eg, mountain rescue teams, divers, pumps), shepherding of aircraft etc.	Assistance-Type
CIVIL AID	Military Aid to the Civil Community (eg fire control).	Assistance-Type
RECALLED	Asset recalled from incident whilst en route.	Other
NOT REQUIRED	Asset arrived on scene but no action required.	Other
ABORT	Callout terminated due to eg malfunction or adverse weather.	Other
FALSE ALARM	Unnecessary callout with good intent.	Other
HOAX	Unnecessary callout with malicious intent	Other

