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Military Search and Rescue Monthly Statistics

August 2014

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This report covers military Search and Rescue (SAR) activities for August 2014. The report includes the number of incidents (the number of emergencies that military SAR units have responded to), the number of callouts (the number of units attending an incident) and the number of persons moved.

Coverage

United Kingdom, Cyprus, Falkland Islands

Key Points and Trends

- During August 2014 there were 238 incidents, resulting in 247 callouts and 219 persons moved. August was therefore the busiest month of the year so far for Search and Rescue. The number of incidents, callouts and persons moved this month were all higher than in August 2013; in fact the number of persons moved was the highest in a single month since July 2007.
- Most callouts were on land, as in previous months. During August 2014 there were 151 land, 78 coast and 18 maritime callouts. There was a sharp increase in coastal callouts this month, which is typical for the time of year. In particular, the number of persons moved in coastal callouts was nearly three times higher than last month (63 persons moved compared to 23 in July 2014).
- The unit which attended the most callouts during August 2014 was RAF Valley with 57 callouts. There were three other units that attended at least 30 callouts, RAF Chivenor with 44, RNAS Culdrose with 33 and HMS Gannet with 30.
- The units which moved the highest number of persons during August 2014 were RAF Valley, with 58 persons moved, and RAF Chivenor with 48.
- The most common type of callout this month was Medrescue, with 116. Medrescues also involved the highest number of persons moved, with 123, which represents 56% of all persons moved.
- The unit with the highest total flying hours this month was RAF Valley, with over 59 hours flown at an average of 1 hour and 2 minutes per callout, closely followed by HMS Gannet, with over 58 hours flown at an average of 1 hour and 57 minutes per callout.
- Mountain Rescue Teams responded to 1 callout during August 2014 which required a total of 5 man hours and resulted in 2 persons being moved.

Further Information

Defence Economics welcomes feedback on statistical products. If you have any comments or questions about this Statistical Bulletin or about our statistics in general, you can contact us at:

- Phone Defence Economics (Price Indices) 030 679 32100.
- Email defstrat-stat-enquiries-mailbox@mod.uk

If you require information which is not available within this or other available publications, you can submit a Request for Information under the Freedom of Information Act 2000 to the Ministry of Defence via the following link:

<http://www.mod.uk/DefenceInternet/ContactUs/FreedomOfInformationInformationRequest.htm>

The United Kingdom Statistics Authority has designated these statistics as National Statistics, in accordance with the Statistics and Registration Service Act 2007 and signifying compliance with the Code of Practice for Official Statistics.

Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods; and
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice continue to be observed.

Other contact points within Defence Economics and Defence Statistics are:

Defence Expenditure Analysis	030 679 34531	DefStrat-Econ-ESES-DEA-Hd@mod.uk
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Health Information	030 679 84423	DefStrat-Stat-Health-Hd@mod.uk

What is included in this report?

This report covers military SAR activities for August 2014. It includes details of the activities of UK military SAR helicopters, RAF SAR helicopters operating in Cyprus and the Falkland Islands and military Mountain Rescue Teams. It also provides a summary of Maritime and Coastguard Agency (MCA) helicopter callouts. Additionally, military SAR reports are produced on a quarterly and annual basis, available at:
<https://www.gov.uk/government/collections/military-search-and-rescue-quarterly-statistics-index>
<https://www.gov.uk/government/collections/military-search-and-rescue-annual-statistics-index>

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 Coordination Centre (ARCC).

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

Persons moved figures include people who are moved from a hostile environment to a safe environment, or to a medical facility to receive urgent medical attention. They also include individuals moved 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 for Cyprus and the Falklands is provided by ARCC Kinloss but checked directly with the overseas units to ensure that there are no missing records. All data is validated and checked by Defence Economics on receipt. Further details are available in the SAR Background Quality Report. This also includes details of internal and external users of the reports, including a summary of their requirements and how well Defence Economics' reports meet these requirements.

<https://www.gov.uk/government/publications/military-search-and-rescue-annual-background-quality-report>

Introduction

Military Search and Rescue

The military Search and Rescue (SAR) service exists primarily to assist military personnel in difficulty, but the majority of its work involves assisting civilians in distress, both on land and at sea (data on the split between civilian and military callouts is presented on page 5). 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 Kinloss Barracks.

Mountain Rescue Teams

The RAF has four mountain rescue teams (MRT), based at RAF Lossiemouth, 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 most 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 Kinloss Barracks, to provide integrated coverage across the UK. A summary of callouts for this quarter is provided in this report.

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.associationofairambulances.co.uk/>

UK & Overseas Search And Rescue Summary

Current Month

2014	Total Callouts	UK Helicopters	Overseas Helicopters	Mountain Rescue Team
August	247	243	3	1

Incidents
238

Persons Moved
219

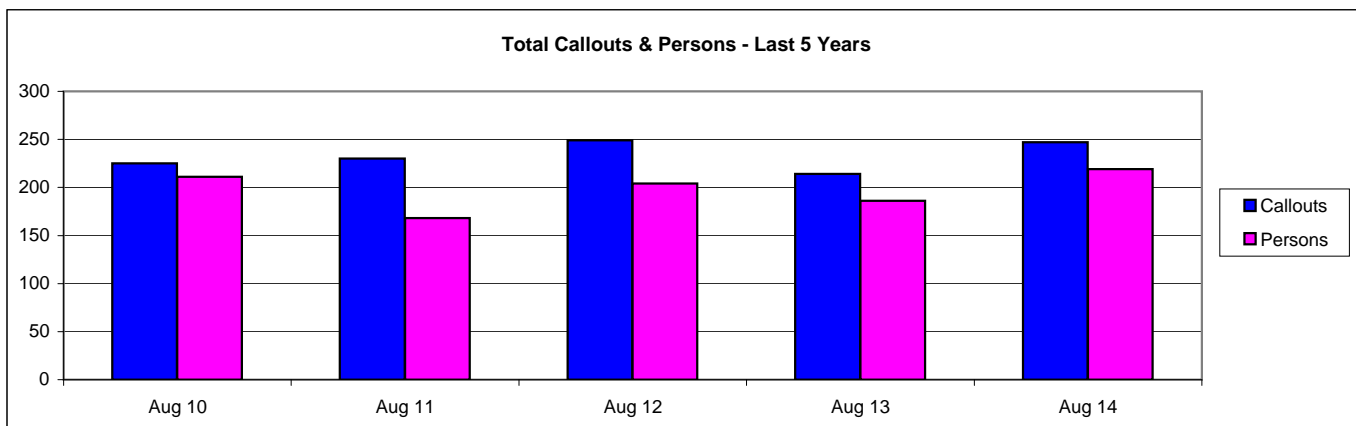
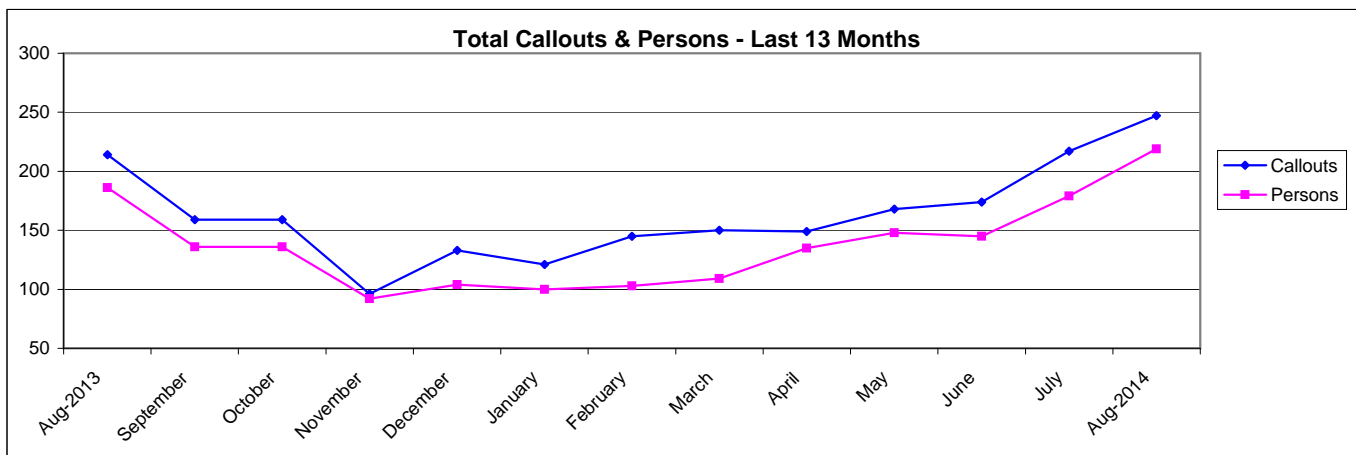
Previous 12 Months

July	217	209	5	3
June	174	162	6	6
May	168	162	3	3
April	149	139	6	4
March	150	137	3	10
February	145	127	5	13
January	121	112	6	3
December	133	129	3	1
November	96	95	-	1
October	159	146	5	8
September	159	153	1	5
August	214	204	4	6

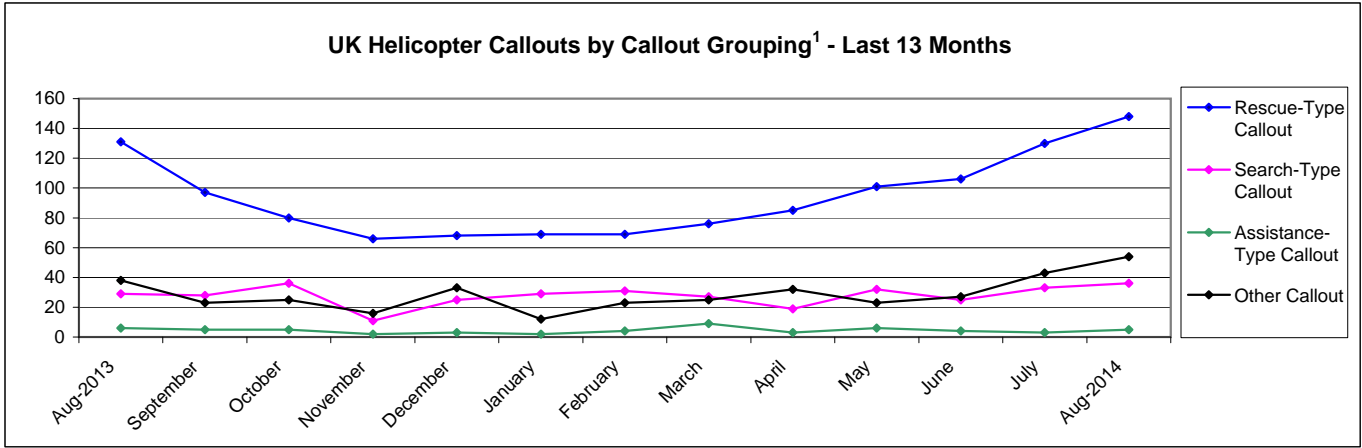
207
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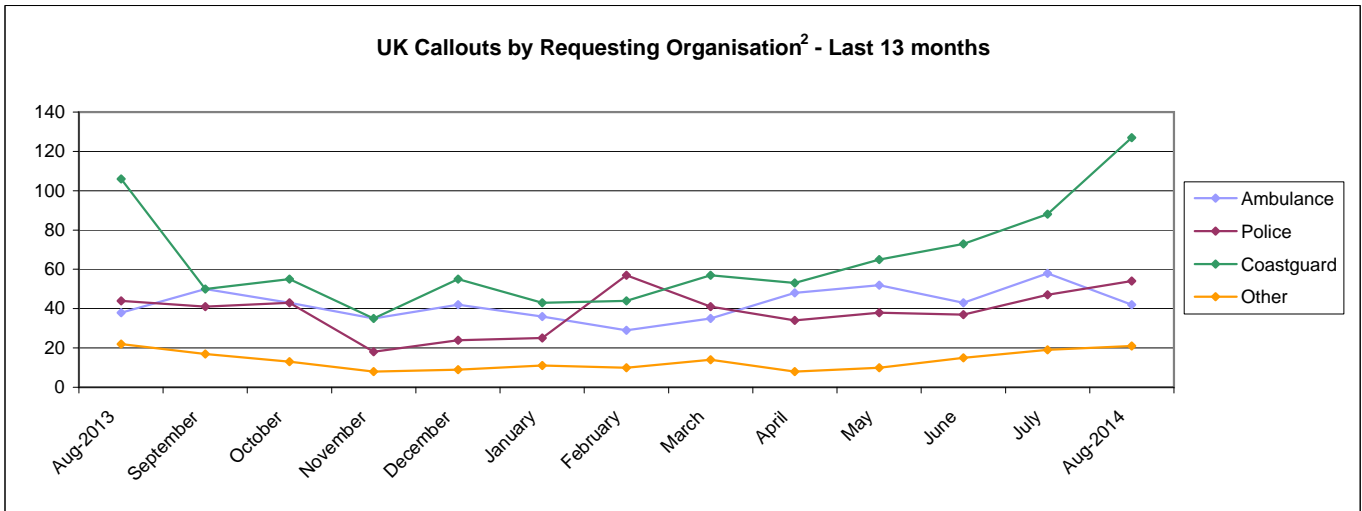
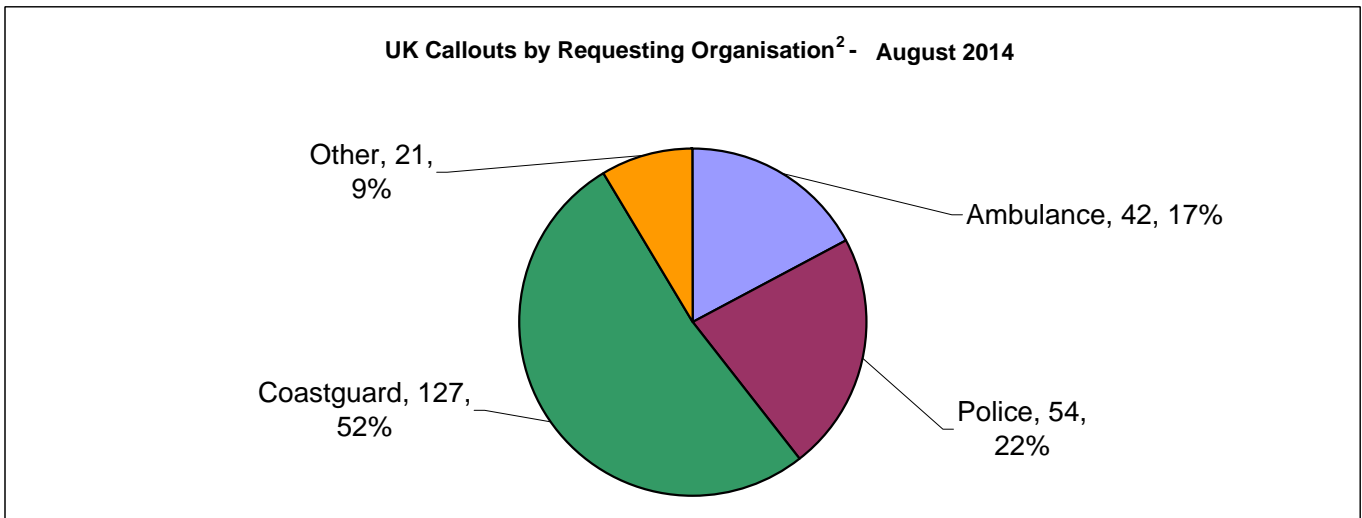
	ARCC Kinloss	RCC Cyprus	RCC Falklands	Total
Callouts	244	2	1	247
Incidents	235	2	1	238
Persons	217	1	1	219



UK Search And Rescue Summary



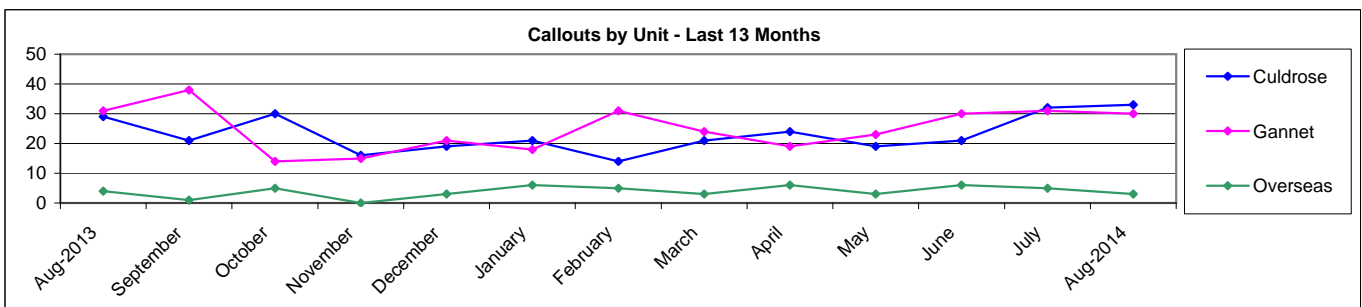
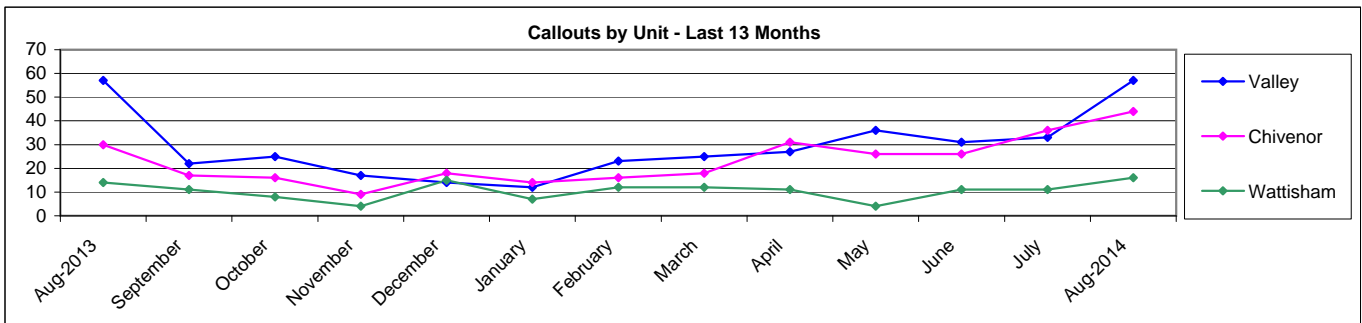
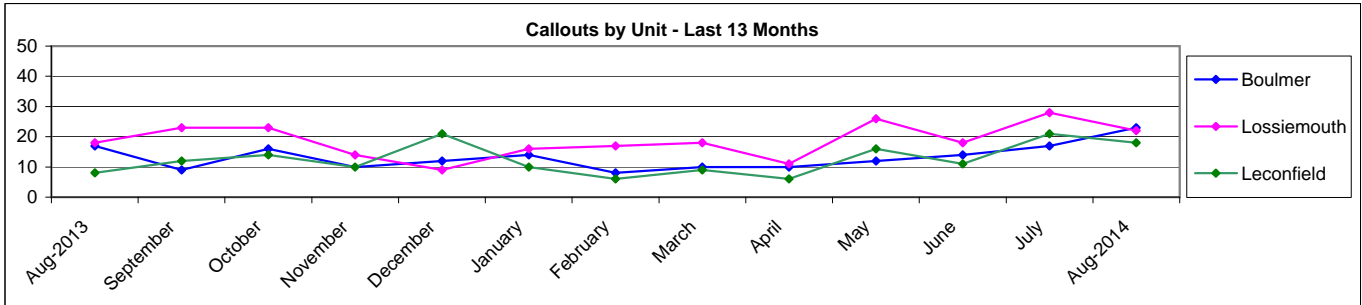
1. For definitions of callout groupings see SAR Definitions on page 10



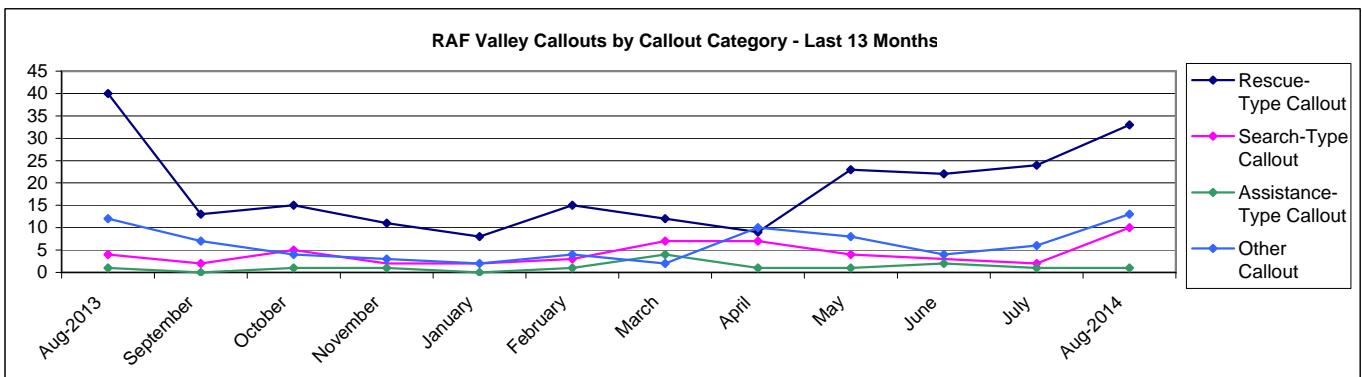
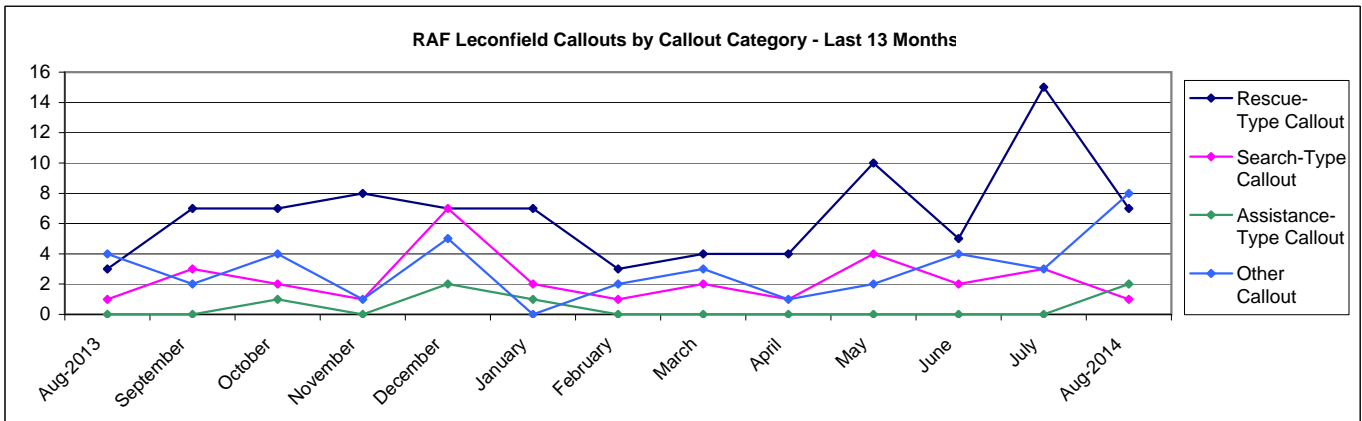
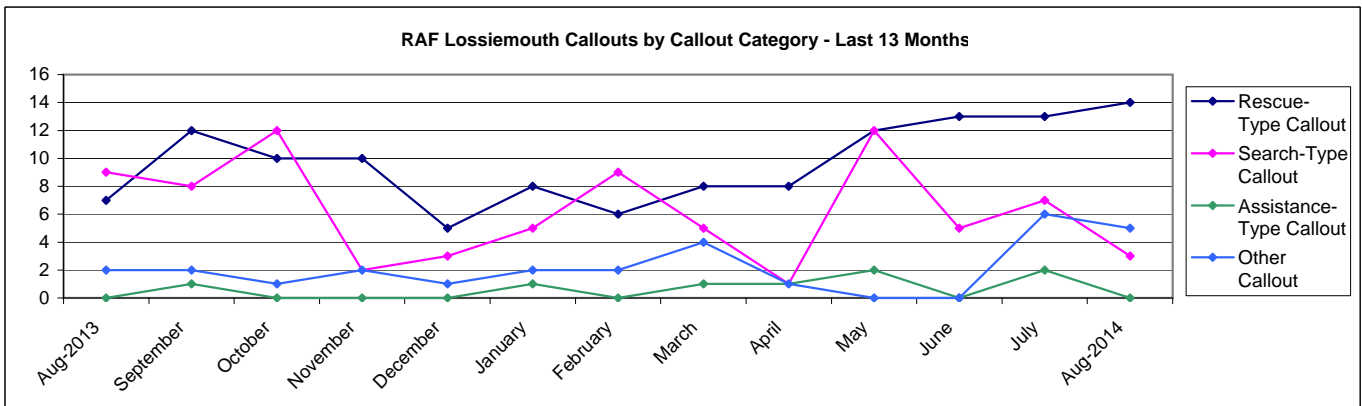
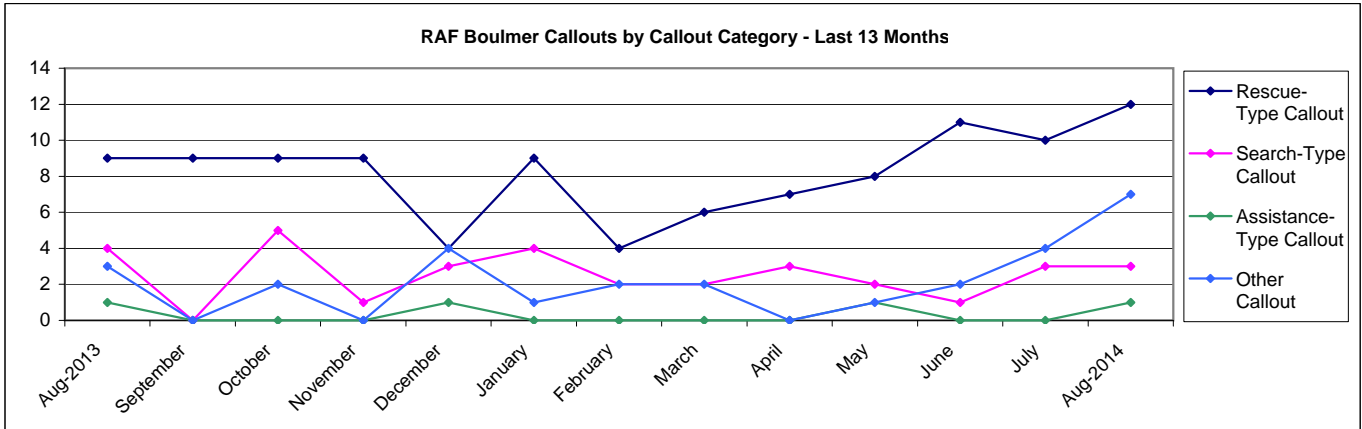
2. The requesting organisation is determined using an automated lookup function which searches for key text within the organisations' name. Within the 'Other' category, there may be a limited number of callouts by either Ambulance, Police or Coastguard due to the automated algorithm used.

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	1	-	5	6	-	13	2	1	3	-	16	-	-	-
Search-Rescue	-	-	-	2	-	1	3	1	1	2	-	5	1	-	1
Medrescue	11	13	6	27	26	6	89	14	13	27	-	116	-	-	-
Search-Medrescue	-	1	-	2	-	-	3	-	1	1	-	4	-	-	-
Medtransfer	-	-	1	1	3	-	5	8	2	10	-	15	-	1	1
Recovery	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-
Search-Recovery	-	-	-	-	-	-	-	1	1	2	-	2	-	-	-
Transfer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Civil Aid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Search	3	2	-	5	1	2	13	4	5	9	-	22	-	-	-
Top Cover	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
Assist	1	-	2	1	-	-	4	-	-	-	-	4	1	-	1
Search-Assist	-	-	1	1	-	-	2	-	-	-	-	2	-	-	-
Recalled	4	5	5	8	5	5	32	-	3	3	-	35	-	-	-
Not Required	2	-	2	2	3	-	9	2	1	3	-	12	-	-	-
False Alarm	1	-	1	1	-	-	3	1	-	1	-	4	-	-	-
Hoax	-	-	-	1	-	-	1	-	-	-	-	1	-	-	-
Precaution	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aborted	-	-	-	1	-	-	1	-	1	1	-	2	-	-	-
Search-Aborted	-	-	-	-	-	1	1	-	-	-	-	1	-	-	-
Total Callouts	23	22	18	57	44	16	180	33	30	63	-	243	2	1	3

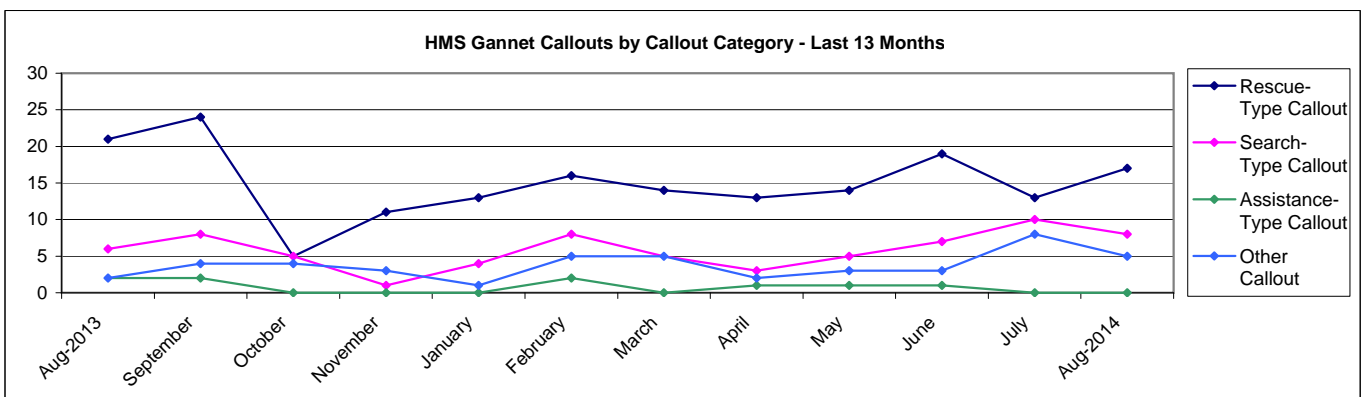
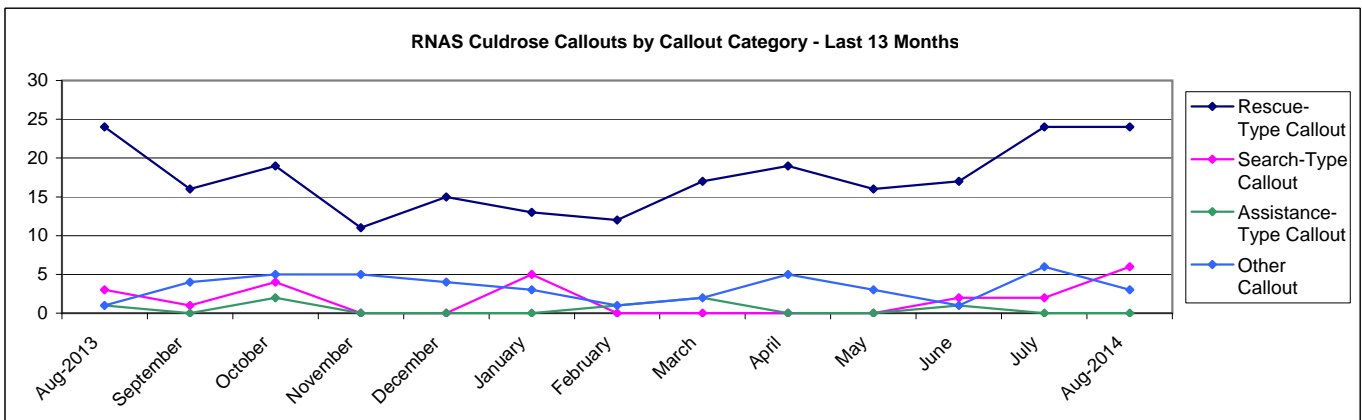
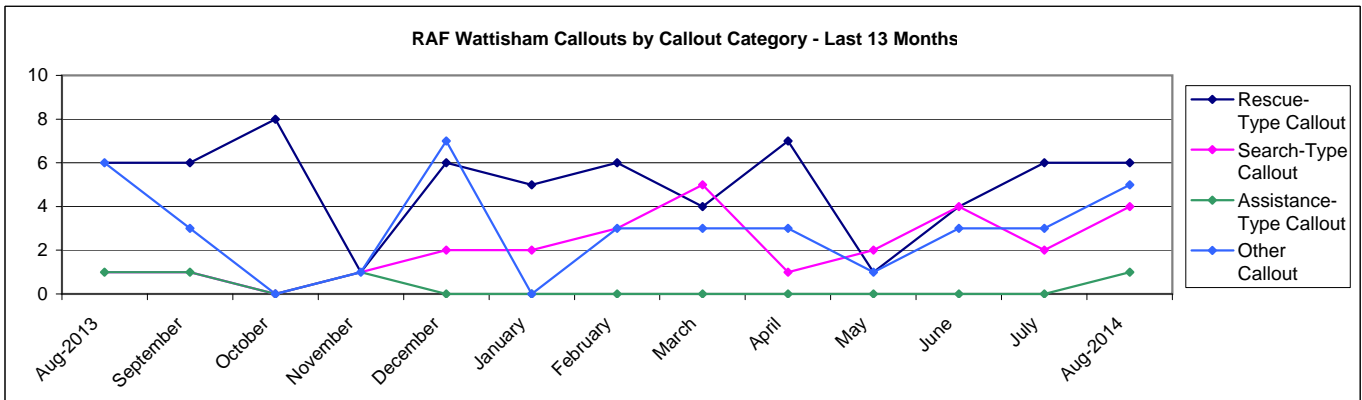
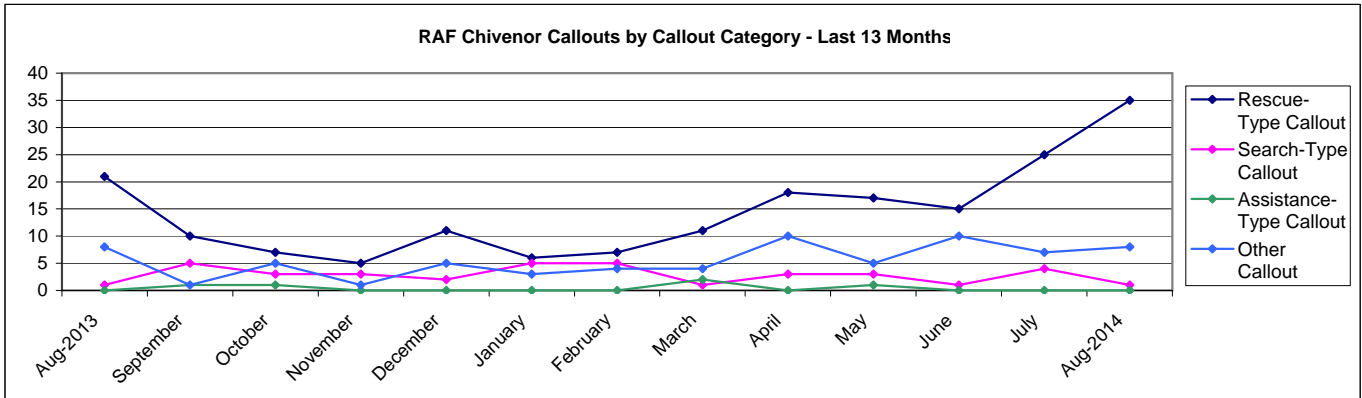


Callouts - UK Helicopters



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

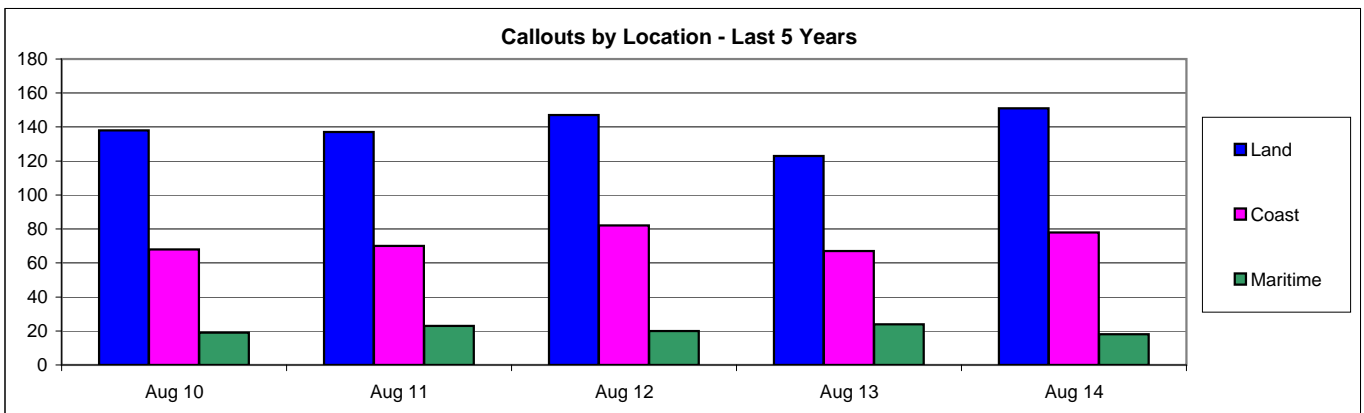
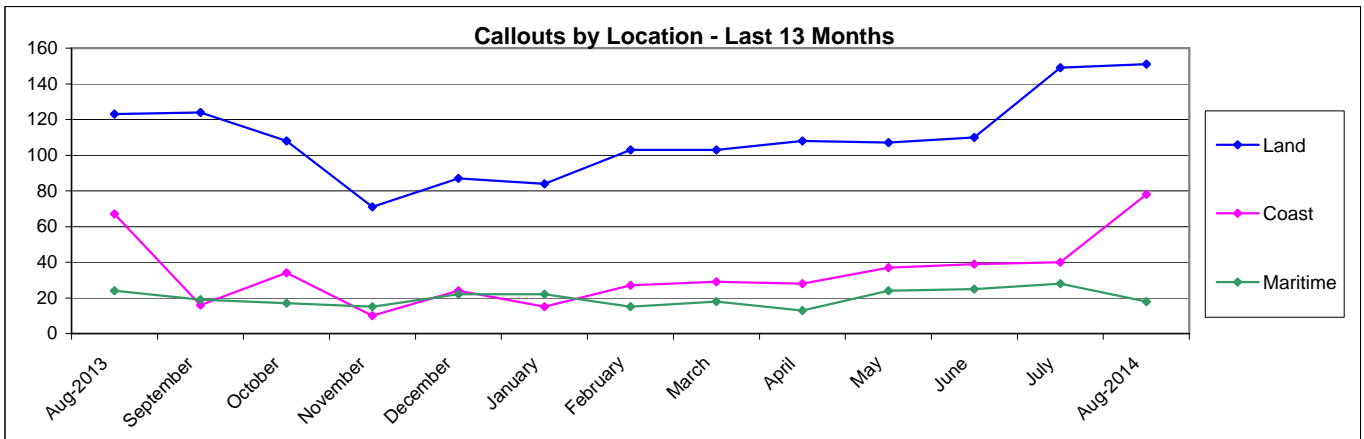
Callouts - Location & Category (UK & Overseas)

Callouts by Location

	Land	Coast	Maritime	Total
Rescue	7	8	1	16
Search-Rescue	5	2	-	7
Medrescue	72	30	14	116
Search-Medrescue	4	-	-	4
Medtransfer	16	-	-	16
Recovery	1	-	-	1
Search-Recovery	1	1	-	2
Transfer	-	-	-	-
Civil Aid	-	-	-	-
Search	11	10	1	22
Top Cover	-	-	1	1
Assist	3	1	1	5
Search-Assist	2	-	-	2
Recalled	21	14	-	35
Not Required	3	9	-	12
False Alarm	1	3	-	4
Hoax	1	-	-	1
Precaution	-	-	-	-
Aborted	2	-	-	2
Search-Aborted	1	-	-	1
Total Callouts	151	78	18	247

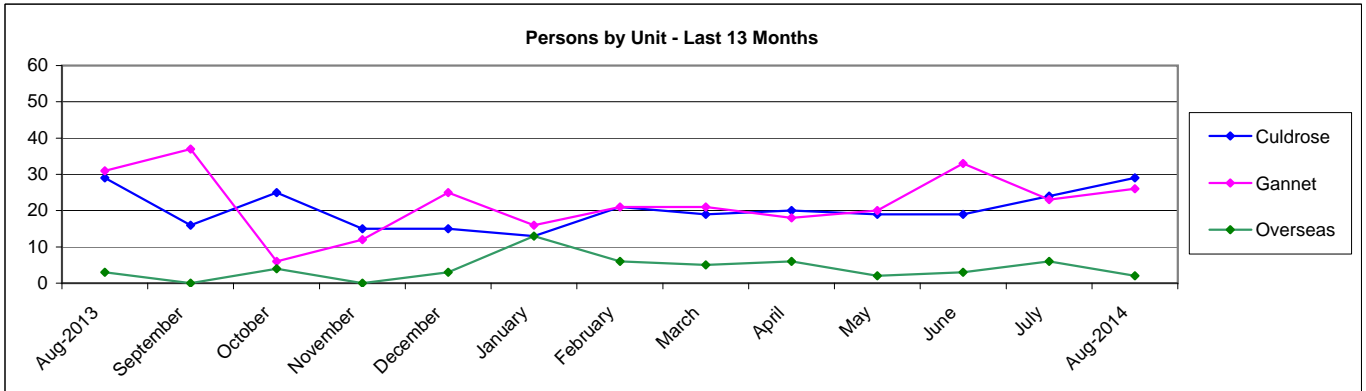
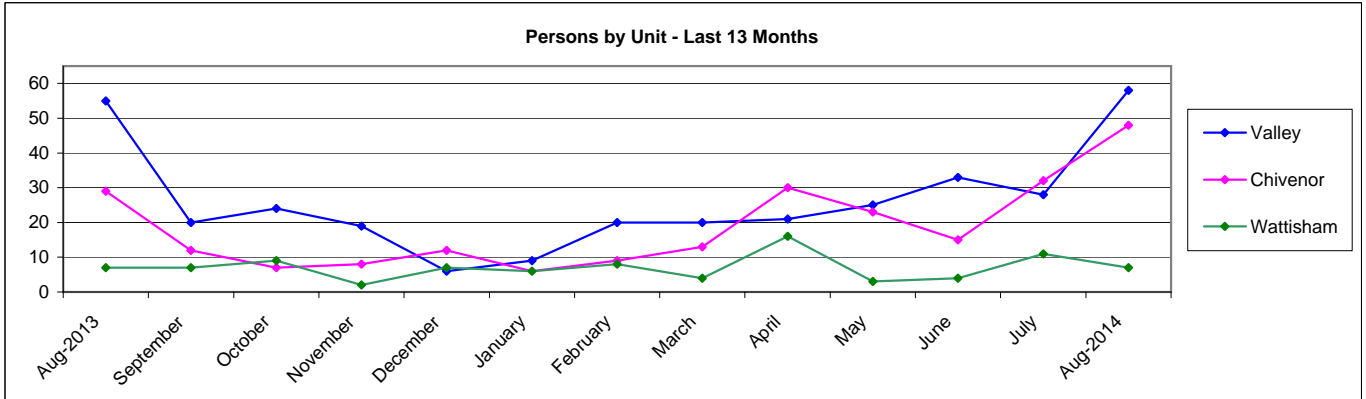
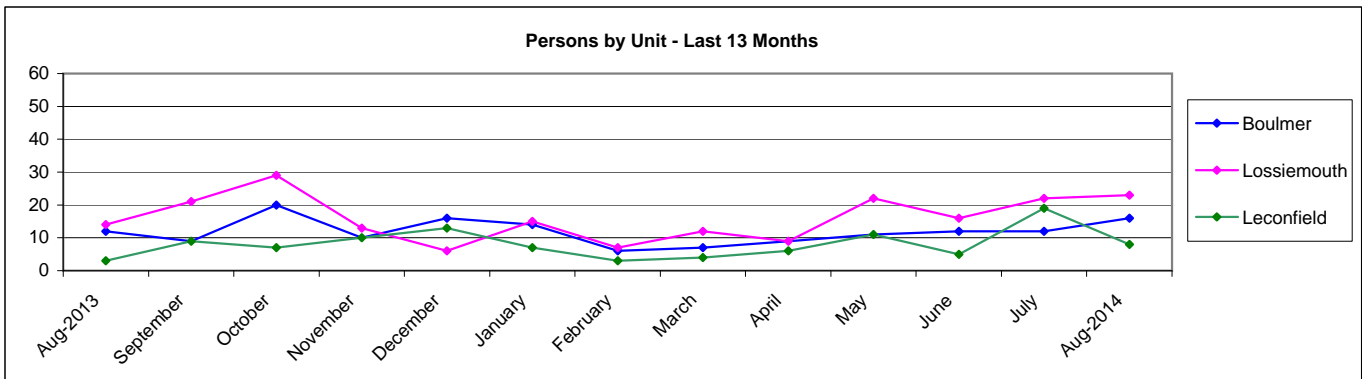
Callouts by Category

	Aero	Ship	Leisure Craft	Rig	Beacon	Flares	Person	Other	Total
Rescue	-	1	-	-	-	-	15	-	16
Search-Rescue	-	-	-	-	-	-	7	-	7
Medrescue	1	9	4	4	-	-	98	-	116
Search-Medrescue	-	-	-	-	-	-	4	-	4
Medtransfer	-	-	-	-	-	-	16	-	16
Recovery	-	-	-	-	-	-	1	-	1
Search-Recovery	-	-	-	-	-	-	2	-	2
Transfer	-	-	-	-	-	-	-	-	-
Civil Aid	-	-	-	-	-	-	-	-	-
Search	-	-	2	-	-	-	20	-	22
Top Cover	-	-	1	-	-	-	-	-	1
Assist	-	-	1	-	-	1	3	-	5
Search-Assist	-	-	-	-	-	-	2	-	2
Recalled	4	1	-	-	-	-	30	-	35
Not Required	-	-	-	1	-	-	11	-	12
False Alarm	-	-	-	-	-	-	4	-	4
Hoax	-	-	-	-	-	-	1	-	1
Precaution	-	-	-	-	-	-	-	-	-
Aborted	-	-	-	-	-	-	2	-	2
Search-Aborted	-	-	-	-	-	-	1	-	1
Total	5	11	8	5	-	1	217	-	247



Persons - 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	5	8	-	22	16	-	51	2	2	4	-	55	-	-	-
Search-Rescue	-	-	-	3	-	1	4	3	5	8	-	12	1	-	1
Medrescue	11	14	6	30	29	6	96	14	13	27	-	123	-	-	-
Search-Medrescue	-	1	-	2	-	-	3	-	1	1	-	4	-	-	-
Medtransfer	-	-	2	1	3	-	6	9	3	12	-	18	-	1	1
Recovery	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-
Search-Recovery	-	-	-	-	-	-	-	1	1	2	-	2	-	-	-
Transfer	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Persons	16	23	8	58	48	7	160	29	26	55	-	215	1	1	2



Persons - Location & Category (UK & Overseas)

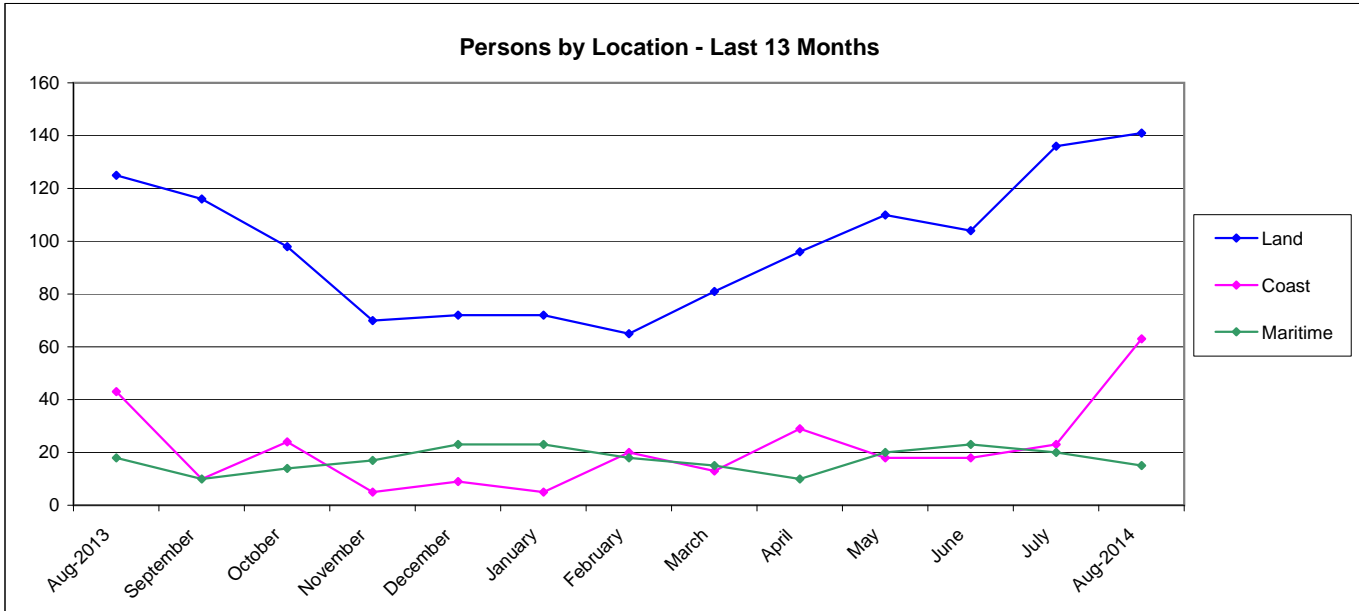
Persons by Callout Location

	Land	Coast	Maritime	Total
Rescue	30	24	1	55
Search-Rescue	11	4	-	15
Medrescue	75	34	14	123
Search-Medrescue	4	-	-	4
Medtransfer	19	-	-	19
Recovery	1	-	-	1
Search-Recovery	1	1	-	2
Transfer	-	-	-	-
Total Persons	141	63	15	219

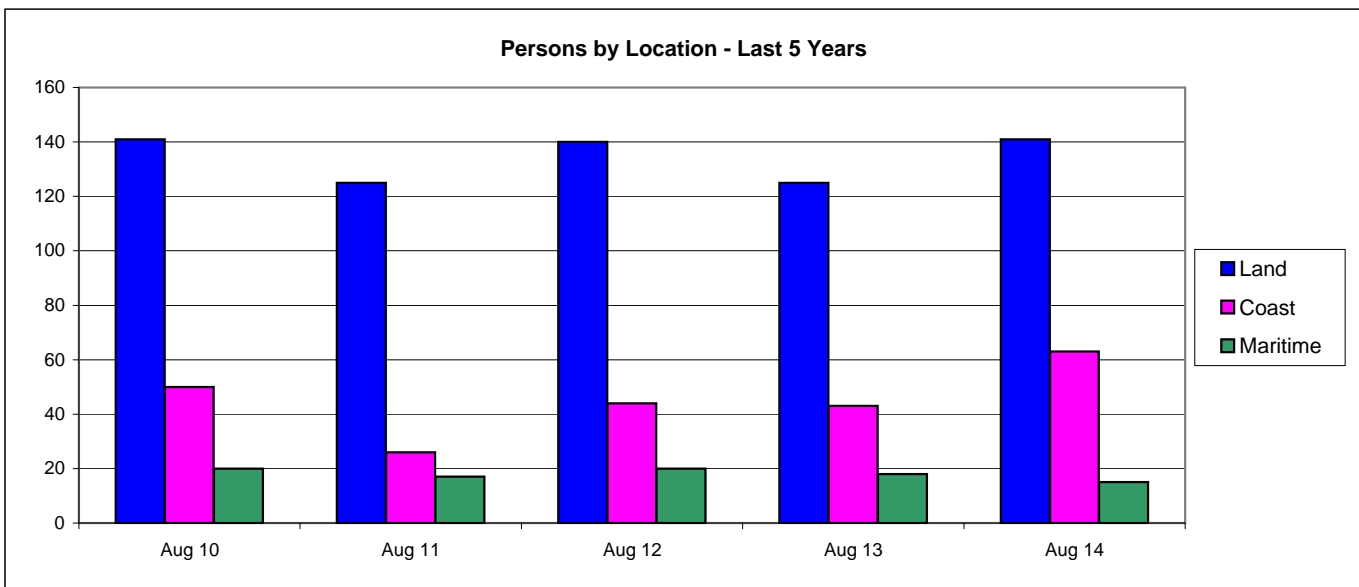
Persons by Callout Category

	Aero	Ship	Leisure Craft	Rig	Person	Other	Total
	-	1	-	-	54	-	55
	-	-	-	-	15	-	15
	1	9	5	4	104	-	123
	-	-	-	-	4	-	4
	-	-	-	-	19	-	19
	-	-	-	-	1	-	1
	-	-	-	-	2	-	2
	-	-	-	-	-	-	-
Total	1	10	5	4	199	-	219

Persons by Location - Last 13 Months



Persons by Location - Last 5 Years



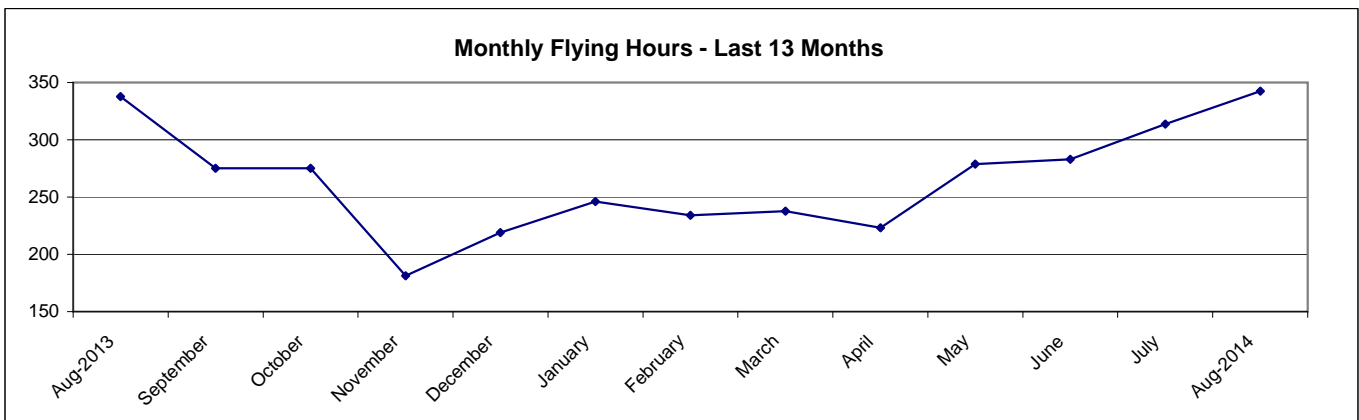
SAR Flying Hours & Mountain Rescue Teams

SAR Flying Hours³

	Total Flying Hours	Average Flying Hours	Average Time to Casualty ⁴
RAF Boulmer	42.15	1.50	0.24
RAF Lossiemouth	38.05	1.44	0.23
RAF Leconfield	24.20	1.21	0.29
RAF Valley	59.15	1.02	0.14
RAF Chivenor	52.00	1.11	0.17
RAF Wattisham	20.15	1.16	0.21
RNAS Culdrose	44.09	1.20	0.15
HMS Gannet	58.45	1.57	0.28
UK Other Helicopters	-	-	-
Cyprus	1.35	0.48	0.07
Falklands	1.50	1.50	0.40
Overseas Other Helicopters	-	-	-
	342.29	1.24	0.20

3. Times are expressed in Hours and Minutes.

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

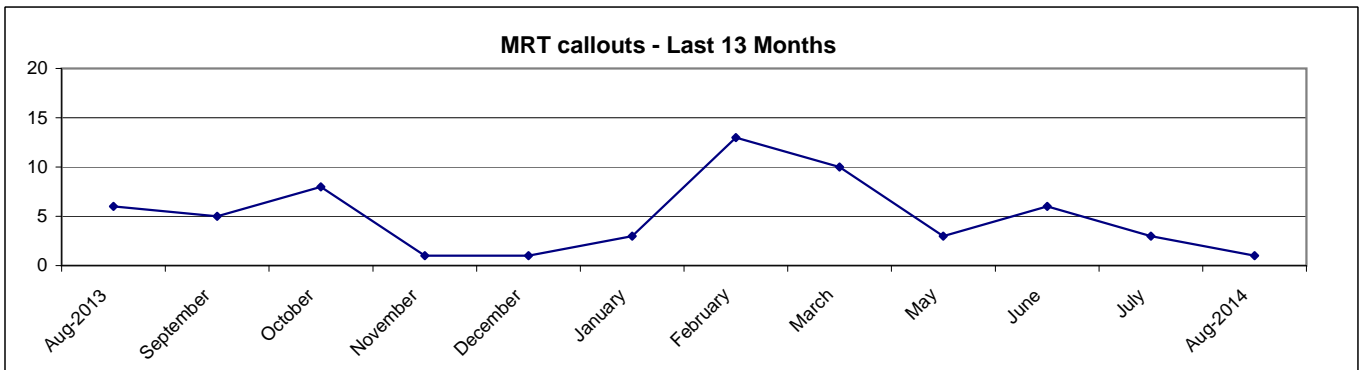


Mountain Rescue Teams

	Callouts	Persons	Man Hours ⁶
Lossiemouth ⁵	-	-	-
Leeming	1	2	5
Leuchars	-	-	-
Valley	-	-	-
Total	1	2	5

5. Formerly MRT Kinloss

6. Man hours are rounded to the nearest whole hour



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