

AFRCC

AIR FORCE RESCUE COORDINATION CENTER

2002 ANNUAL REPORT



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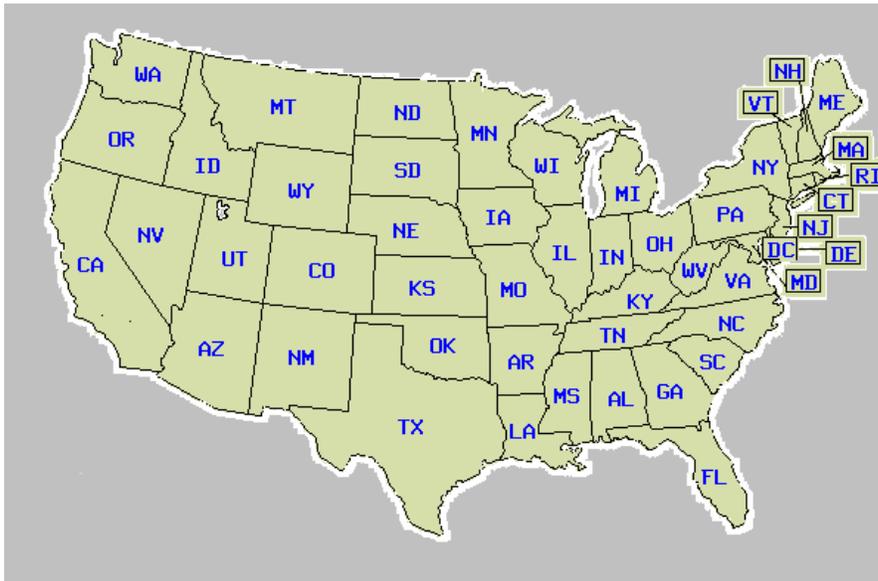


AFRCC Mission Statement:

Continuously building a coordinated Search and Rescue network
ensuring timely, effective lifesaving operations
whenever and wherever needed.

AFRCC CHARTER

In 1956, the National Search and Rescue Plan was published establishing a crucial link between military resources, their unique recovery capabilities, and the civilian sector chartered to respond to those in need. This plan established the United States Air Force as the Executive Agent for Inland Search and Rescue, covering the continental United States, less the major navigable waterways. As of 31 December 2002, over 67,727 search and rescue missions have been performed, resulting in over 13,404 lives saved.





ORGANIZATION



AIR COMBAT COMMAND
DIRECTOR OF AEROSPACE OPERATIONS

ACC/AIR OPERATIONS SQUADRON

AIR FORCE RESCUE COORDINATION CENTER

RESCUE
COORDINATION CENTER

NATIONAL SAR
SCHOOL





Commanders Comments:

On behalf of the men and women of the Air Force Rescue Coordination Center, I would like to thank all of the individuals and organizations who have contributed to the honorable mission of saving lives. We would particularly like to thank the United States Mission Control Center, Civil Air Patrol, the US Coast Guard, and the numerous Flight Service Stations and Air Route Traffic Control Centers around the country. Your teamwork, dedication and hard work ensure the success of our mission now and in the future. This report is a compilation of the incidents and missions handled by the AFRCC during 2002. It also contains historical data from previous years for comparison. It is our hope that you glean as much pride as we do from all the hard work represented by the statistics on the following pages.

“These Things We Do, That Others May Live.”

Lt Col Scott P. Morgan, USAF
Commander, Air Force Rescue Coordination Center

2002 AFRCC YEARLY ACTIVITY

TABLE 1

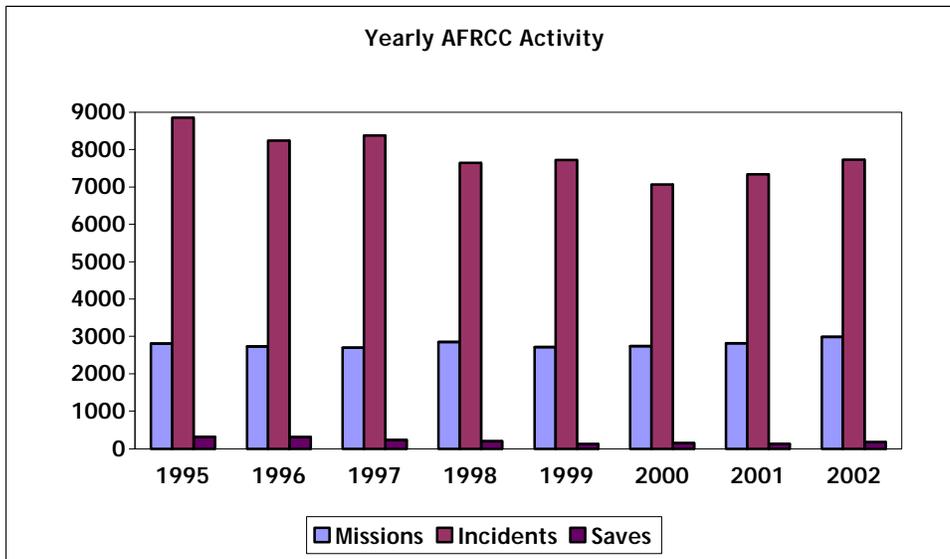
Our yearly activity table shows the total number of missions and incidents the AFRCC has worked over the past eight years. Of the total number of incidents and missions worked, the number of saves accumulated for each year is shown.

MISSIONS: A Search and Rescue event in which a federal asset has been used.

INCIDENTS: A Search and Rescue event prosecuted without using a federal asset.

SAVES: Total number of lives saved for each year.

YEAR	1995	1996	1997	1998	1999	2000	2001	2002
MISSIONS	2815	2734	2699	2851	2719	2739	2814	2989
INCIDENTS	8848	8234	8369	7639	7717	7062	7333	7728
SAVES	322	313	237	202	119	129	149	173



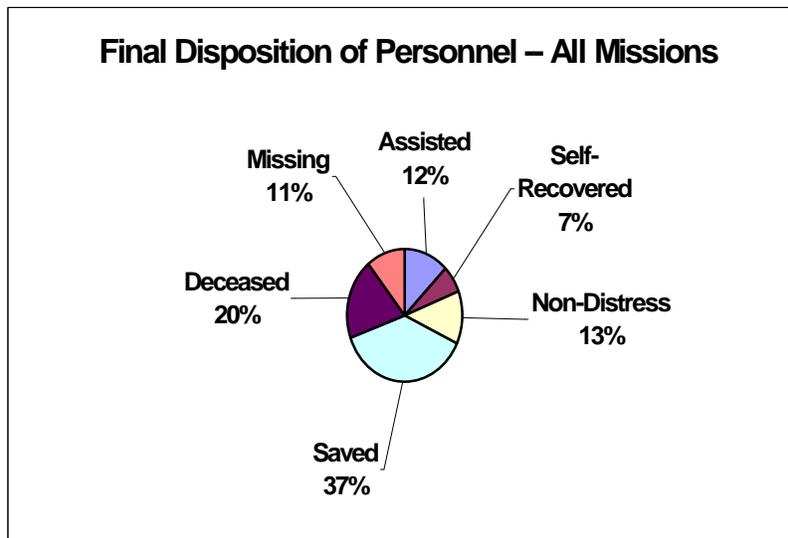
2002 PERSONNEL DISTRIBUTION

TABLE 2

The personnel distribution table depicts the type of missions worked by the AFRCC and the results of any personnel involved in the case.

- ASSIST:** Objective located and in distress, but not a life-or-death situation.
- SELF-RECOVER:** Objective was reported lost or missing, but returned to a safe location without assistance.
- NON-DISTRESS:** Objective was located, but not in any imminent danger.
- SAVED:** Objective was located and in a life-or-death situation.
- DECEASED:** Self-explanatory.
- MISSING:** Objective was never located.

STATUS	ACFT	BOAT	ELT	PRECA	MEDEV	MERCY	MSG	RESCUE	VEH	TOTAL
Assisted	13	0	4	0	0	0	35	4	0	56/12%
Self Recover	12	0	0	0	0	0	15	1	3	31/0.7%
Non-Distress	22	2	0	0	0	0	31	1	1	57/13%
Saved	11	7	6	0	6	10	55	71	4	170/37%
Deceased	44	0	19	0	0	1	12	13	0	89/20%
Missing	11	2	0	0	0	0	33	2	1	49/11%
Totals:	113	11	29	0	6	11	181	92	9	452/100%



2002 AFRCC ACTIVITY BY MISSION TYPE**TABLE 3**

This table displays the distribution of AFRCC missions by mission type. It can be noted that a majority of our workload is the prosecution of ELT cases.

AIRCRAFT: Search for a missing or overdue aircraft

BOAT: Search for a missing vessel

ELT: Search for a radio distress beacon

MEDEVAC: Hospital-to-hospital transfer in a life-or-death situation

MERCY: Blood and/or organ transport

MISSING PERSON: Search for missing person or persons

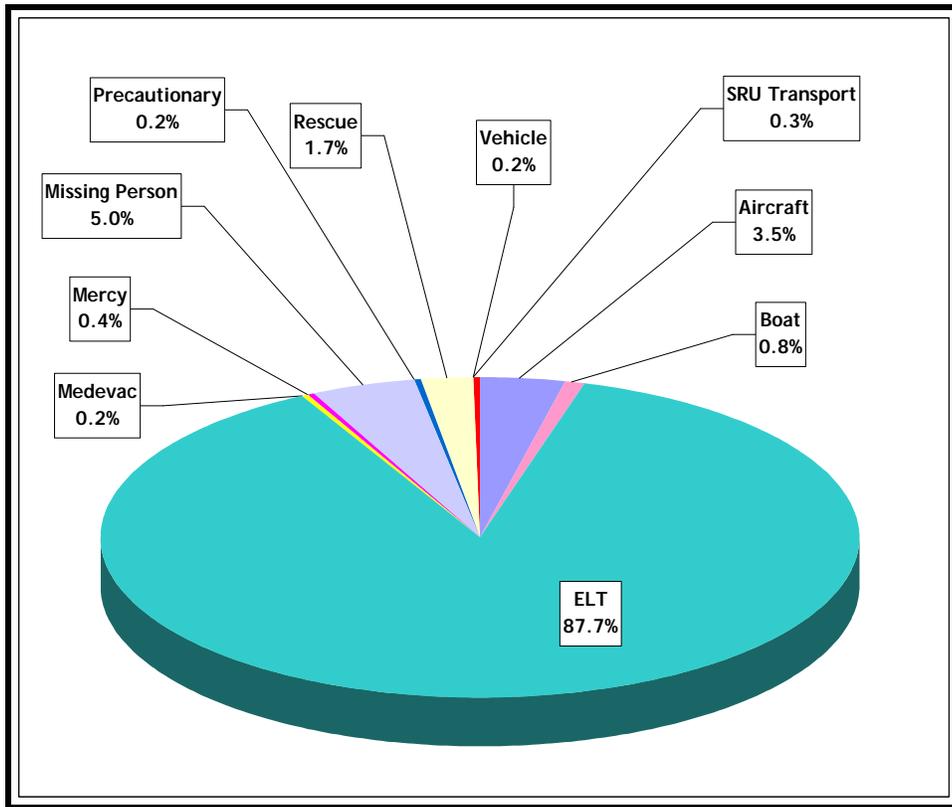
PRECAUTIONARY: Pre-positioning of SAR forces for use during a scheduled activity where the potential for SAR is high

RESCUE: Extraction from a known location

SRU TRANSPORT: Transport of non-federal Search and Rescue Units to a search location when the situation is urgent and needed to save life, limb, or eyesight

VEHICLE: Search for a missing vehicle (to assist in locating a missing person)

<u>MISSION TYPE</u>	<u>MISSIONS</u>	<u>%</u>
AIRCRAFT	104	3.5%
BOAT	26	0.8%
ELT	2620	87.7%
MEDEVAC	6	0.2%
MERCY	13	0.4%
MISSING PERSON	149	5.0%
PRECAUTIONARY	6	0.2%
RESCUE	52	1.7%
SRU TRANSPORT	7	0.3%
VEHICLE	6	0.2%
TOTAL	2989	100%



2002 AFRCC MONTHLY MISSION ACTIVITY**TABLE 4**

Table 4 shows the mission workload for the AFRCC by month.

MONTH	ACFT	BOAT	ELT	MEDEV	MERCY	MSG	PRECA	RESC	SRUTPT	VEH	TOTAL
Jan	5	0	163	0	2	5	0	3	0	0	178
Feb	8	0	167	0	1	8	0	2	1	0	187
Mar	10	2	195	0	3	5	0	2	0	2	219
Apr	7	3	239	0	3	14	2	1	0	0	269
May	8	2	271	1	0	15	2	11	1	0	311
Jun	12	3	268	0	0	24	0	7	1	0	315
Jul	13	3	279	0	1	18	1	9	1	1	326
Aug	5	2	273	0	1	9	1	2	1	2	296
Sep	9	2	229	1	2	16	0	4	0	1	264
Oct	7	2	186	2	0	16	0	4	2	0	219
Nov	8	7	178	2	0	14	0	3	0	0	212
Dec	12	0	172	0	0	5	0	4	0	0	193
Totals	104	26	2620	6	13	149	6	52	7	6	2989



2002 AFRCC AIRCRAFT MISSION ACTIVITY

TABLE 5

Table 5 shows 2002 aircraft missions displayed by flying time, sorties, number of aircraft, and number of missions by type.

<u>TYPE MISSION</u>	<u>HOURS</u>	<u>SORTIES</u>	<u>ACFT</u>	<u>MISSIONS</u>
AIRCRAFT	1458.85	559	375	104
BOAT	47.30	15	13	26
ELT	3156.69	1603	1332	2620
MEDEVAC	9.40	8	6	6
MERCY	30.70	22	14	13
MSG PERS	649.35	283	186	149
PRECAUTIONARY	179.80	86	48	6
RESCUE	237.75	118	74	52
SRU TRANSPORT	113.30	36	26	7
VEHICLE	26.20	11	8	6
TOTALS	5,909.34	2741	2082	2989



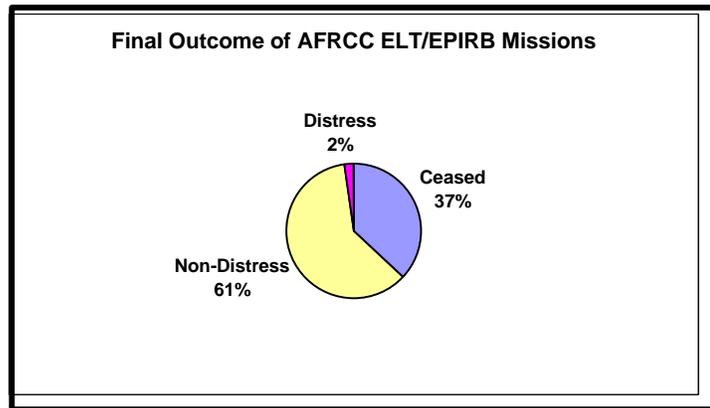
Table 6 shows the case results of the ELT/EPIRB missions prosecuted for the year. Note: a majority of the cases involved non-distress events.

CEASED: ELT/EPIRB signal stopped before being located.

DISTRESS: The signal was activated due to a situation such as an aircraft crash or a vessel sinking.

NON-DISTRESS: The signal was caused by a malfunction, mishandling, battery failure, accidental activation, hard landings, or a reason other than a crash.

CEASED	969	36.9%
DISTRESS	56	2.1%
NON-DISTRESS	1595	61.0%
TOTAL	2620	100.0%



2002 UNIT MISSION ACTIVITY

TABLE 7

Table 7 shows the total number of flying hours, sorties, aircraft, saves, number of personnel used, and number of missions for each unit.

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
10 th MTN DIV	3.20	3	1	1	3	1
101 st ABN DIV	6.20	2	1	0	4	1
102 nd RQS	23.90	6	4	3	33	2
106 th RQW	8.00	1	1	3	12	1
129 th RQW	38.50	8	7	1	49	4
3 rd ARM CAV REG	4.80	2	2	0	7	1
301 st RQW	41.00	15	15	10	91	8
304 th RQS	7.00	9	9	4	35	4
305 th RQS	2.70	6	3	0	15	1
36 th RQF	53.40	29	16	7	64	20
37 th RQF	19.20	3	3	0	13	1
39 th RQS	7.20	1	1	1	11	2
40 th HF	15.50	11	9	6	42	9
50 th MED CO	6.00	3	1	1	5	1
54 th MED CO	9.40	4	2	1	9	2
571 st MED DET	13.00	10	2	1	12	2
58 th SOW	60.40	9	9	6	67	5
66 th RQS	18.20	12	7	7	50	6
7 th INF DIV	3.50	2	2	1	8	1
71 st RQS	4.00	1	1	0	15	1
76 th HF	7.20	3	3	1	12	2
76 th RQF	21.30	16	5	0	25	2
939 th RQW	26.30	16	7	12	49	4
940 th RW	7.30	1	1	2	3	1
AL CAP (Reg 4)	97.70	58	49	2	418	72
AR ARNG	1.60	1	1	1	3	1
AR CAP (Reg 6)	168.80	71	52	1	421	39
AZ CAP (Reg 6)	154.30	79	50	0	545	95
CA CAP (Reg 8)	421.85	215	150	1	1597	319
CG D1	5.10	2	2	0	11	2
CG D5	0	0	0	0	12	1
CG D7	20.30	6	3	3	25	1
CG D8	36.50	9	11	0	30	2
CG D9	17.80	9	5	1	20	2
CGAS Astoria	11.30	4	4	2	22	5
CGAS Atlantic City	2.50	3	3	0	12	1
CGAS Elizabeth City	2.60	1	1	0	6	1
CGAS Humboldt Bay	42.10	9	5	4	25	3
CGAS North Bend	6.75	5	4	1	20	5

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
CGAS Port Angeles	2.70	2	2	0	8	2
CGAS San Diego	1.60	1	1	1	5	1
CGAS Traverse City	59.40	35	18	4	89	16
CO CAP (Reg 7)	121.60	50	46	4	316	41
CO ARNG	1.50	2	2	0	6	2
CT CAP (Reg 1)	28.50	14	14	0	280	33
DC CAP (Reg 2)	0.00	0	0	0	28	4
DE CAP (Reg 2)	11.50	7	6	0	90	12
FCC	0.00	0	0	0	79	56
FL CAP (Reg 4)	540.55	291	214	2	2667	412
FT LEWIS 1/159Avn	55.95	40	17	18	102	14
GA CAP (Reg 4)	127.80	53	50	0	435	89
IA CAP (Reg 5)	78.10	31	22	0	217	26
ID ARNG	35.30	15	9	1	34	3
ID CAP (Reg 7)	92.30	36	32	7	228	31
IL CAP (Reg 3)	36.60	17	11	0	209	46
IN CAP (Reg 3)	77.00	32	27	0	299	41
KS CAP (Reg 5)	26.50	11	11	0	183	40
KY CAP (Reg 3)	39.10	22	18	0	222	27
LA CAP (Reg 6)	78.20	45	40	0	274	74
MA CAP (Reg 1)	48.30	29	24	0	281	39
MCAS CHERRY PT	2.35	1	1	0	6	1
MCAS NEW RIVER	2.10	2	2	0	10	1
MD CAP (Reg 2)	42.00	21	20	0	330	52
ME CAP (Reg 1)	44.40	27	24	5	358	36
MI CAP (Reg 3)	361.90	101	74	0	519	49
MN CAP (Reg 5)	164.60	76	47	0	433	35
MO CAP (Reg 5)	34.10	14	13	0	264	33
MS CAP (Reg 4)	88.00	51	31	0	336	42
MT CAP (Reg 7)	73.80	21	18	8	62	11
NAS China Lake SAR	1.20	2	1	4	5	1
NAS Fallon SAR	5.60	7	3	1	15	3
NAS LeMoore SAR	25.20	11	8	8	42	9
NAS Whidbey Isl SAR	28.00	14	9	14	51	9
NC CAP (Reg 2)	115.68	52	48	1	616	99
ND CAP (Reg 5)	7.40	3	2	0	24	5
NE CAP (Reg 5)	20.40	11	10	0	104	16
NH CAP (Reg 1)	15.60	8	7	0	72	10
NJ CAP (Reg 1)	100.60	58	47	0	393	81
NM CAP (Reg 6)	27.10	10	7	3	43	10
NV CAP (Reg 8)	77.20	41	32	26	141	25
NY CAP (Reg 1)	180.70	80	72	0	704	111
OH CAP (Reg 3)	68.8	30	28	0	369	70
OK CAP (Reg 6)	58.30	26	24	0	241	39

SRU NAME	FLT HRS	SORTIES	AIRCRAFT	SAVES	PERSONNEL	MISSIONS
OR ARNG	87.00	36	25	23	127	17
OR CAP (Reg 8)	116.60	47	47	7	374	51
PA CAP (Reg 1)	104.30	64	50	1	702	88
RI CAP (Reg 1)	23.10	12	11	0	94	11
SC CAP (Reg 2)	97.70	73	48	0	319	56
SD CAP (Reg 5)	19.70	6	6	1	117	13
TN CAP (Reg 4)	61.70	35	29	0	391	51
TX CAP (Reg 6)	180.20	95	76	0	1246	245
UT CAP (Reg 7)	142.10	45	39	3	171	27
VA CAP (Reg 2)	157.50	83	69	1	633	104
VT CAP (Reg 1)	55.70	33	12	0	176	11
WA CAP (Reg 8)	62.50	26	22	0	205	40
WI CAP (Reg 3)	283.80	102	74	2	2280	48
WV CAP (Reg 2)	31.50	14	12	0	137	20
WY CAP (Reg 7)	37.20	16	12	0	115	19



2002 STATE MISSION ACTIVITY

TABLE 8

Table 8 shows the total number of missions by type, for each state.

STATE	ACFT	BOAT/ EPIRB	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	TOTAL
AL	0	4	65	0	0	3	0	0	0	0	72
AR	6	0	26	0	0	2	0	0	0	0	34
ALANTIC	0	0	0	0	0	0	0	5	0	0	5
AZ	3	0	88	0	3	1	2	2	0	0	99
CA	18	7	296	0	2	6	0	6	0	0	335
CO	8	0	11	0	0	6	0	0	0	0	25
CT	1	1	30	0	0	0	0	0	0	0	32
DC	0	1	2	0	0	0	0	0	0	0	3
DE	0	0	9	0	0	0	0	0	0	0	9
FL	13	30	345	0	0	4	1	2	0	0	395
GA	2	0	85	0	0	0	0	0	0	0	87
IA	0	0	21	0	0	2	0	0	0	0	23
ID	1	0	17	0	0	14	0	3	1	0	36
IL	1	1	42	0	0	0	0	0	0	0	44
IN	1	1	34	0	0	1	0	0	0	0	37
KS	2	0	37	0	0	0	0	0	0	0	39
KY	1	0	25	0	0	2	0	0	0	0	28
LA	1	1	68	0	0	0	0	0	0	0	70
MA	0	4	32	0	0	0	0	0	0	0	34
MD	0	4	42	0	0	3	0	0	0	0	49
ME	1	0	31	0	0	4	0	0	0	0	36
MI	3	0	47	0	0	15	0	0	0	0	65
MN	0	0	31	0	0	2	0	0	0	0	33
MO	1	0	30	0	0	0	0	0	0	0	31
MS	2	1	31	0	0	1	0	0	0	0	35

STATE	ACFT	BOAT/ EPIRB	ELT	MEDEV	MERCY	MSG	PRECA	RESCUE	SRU TRANS	VEH	TOTAL
MT	1	0	2	0	0	14	0	2	0	0	19
NC	2	2	92	0	0	0	0	0	0	0	96
ND	0	0	3	0	0	2	0	0	0	0	5
NE	0	0	14	0	0	0	0	0	0	0	14
NH	0	0	9	0	0	0	0	0	0	0	9
NJ	0	5	72	0	0	0	0	1	0	0	78
NM	4	0	3	0	0	4	0	0	0	0	11
NV	3	0	4	0	7	8	0	3	0	1	26
NY	2	8	93	0	0	0	0	2	0	0	105
OH	0	1	68	0	0	0	0	0	0	0	69
OK	1	0	35	0	0	0	0	0	0	0	36
OR	2	0	38	0	0	26	0	6	1	0	73
PA	2	1	82	0	0	1	0	0	0	0	86
PACIFIC	0	0	1	0	0	0	0	3	0	0	4
RI	0	0	11	0	0	0	0	0	0	0	11
SC	6	2	43	0	0	0	0	0	0	0	51
SD	1	0	10	0	0	1	0	0	0	0	12
TN	3	0	41	0	0	2	0	1	0	0	47
TX	7	2	239	0	0	0	0	0	0	0	238
UT	4	0	18	0	0	4	0	0	3	0	29
VA	2	4	95	0	0	4	0	0	0	0	105
VT	1	0	10	0	0	0	0	0	0	0	11
WA	0	1	34	7	0	18	0	20	0	0	80
WI	2	0	36	0	0	5	1	0	0	1	45
WV	0	0	19	0	0	1	0	0	0	0	20
WY	4	0	14	0	0	1	0	0	1	0	20
TOTAL	104	18	2475	6	10	123	9	60	2	7	2814



A special thanks all the Civil Air Patrol volunteers, we couldn't do it without you!

United States Air Force Rescue Coordination Center

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"These Things We Do, That Others May Live"