

# 2002 Durango Interagency Dispatch Center Annual Report



Durango Herald 2002

## The 2002 DRC Annual Report Contents are:

**Section 1: Fuel Information - We had the lowest 1000 hours fuels in our history.**

**Section 2: Fire Statistic - We had over 340 fires this year. This is less than 2000, but we had more acres burned.**

**Missionary Ridge and Long Mesa Fires.**

**Section 3: Aviation - The Tanker base pumped over 1.8 million gals. of retardant, and helicopters dropped over 860,000 gals of water and moved over 3500 people.**

**Section 4: Resources - Compared to 2001 we more than doubled the resources mobilized that year**

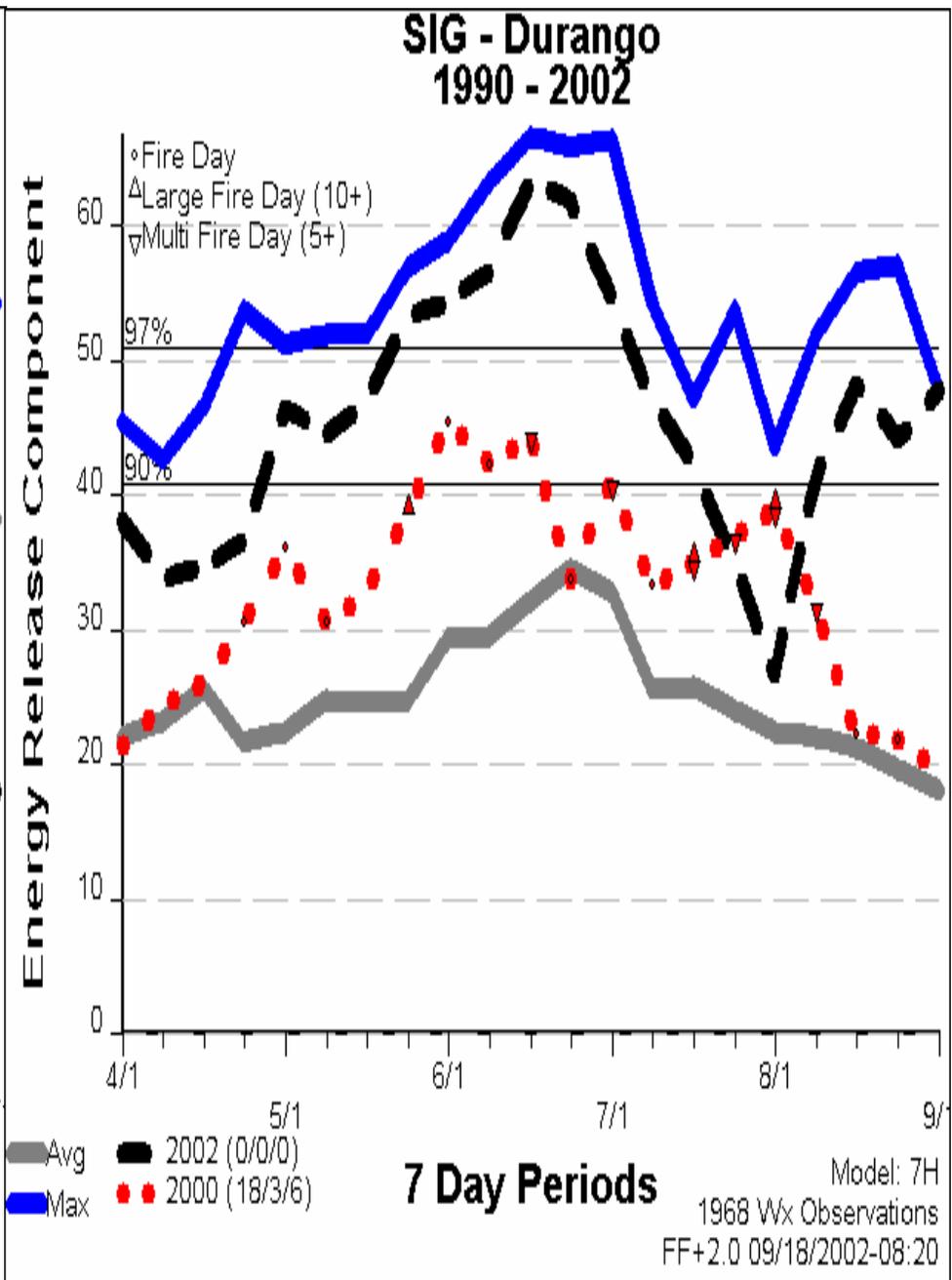
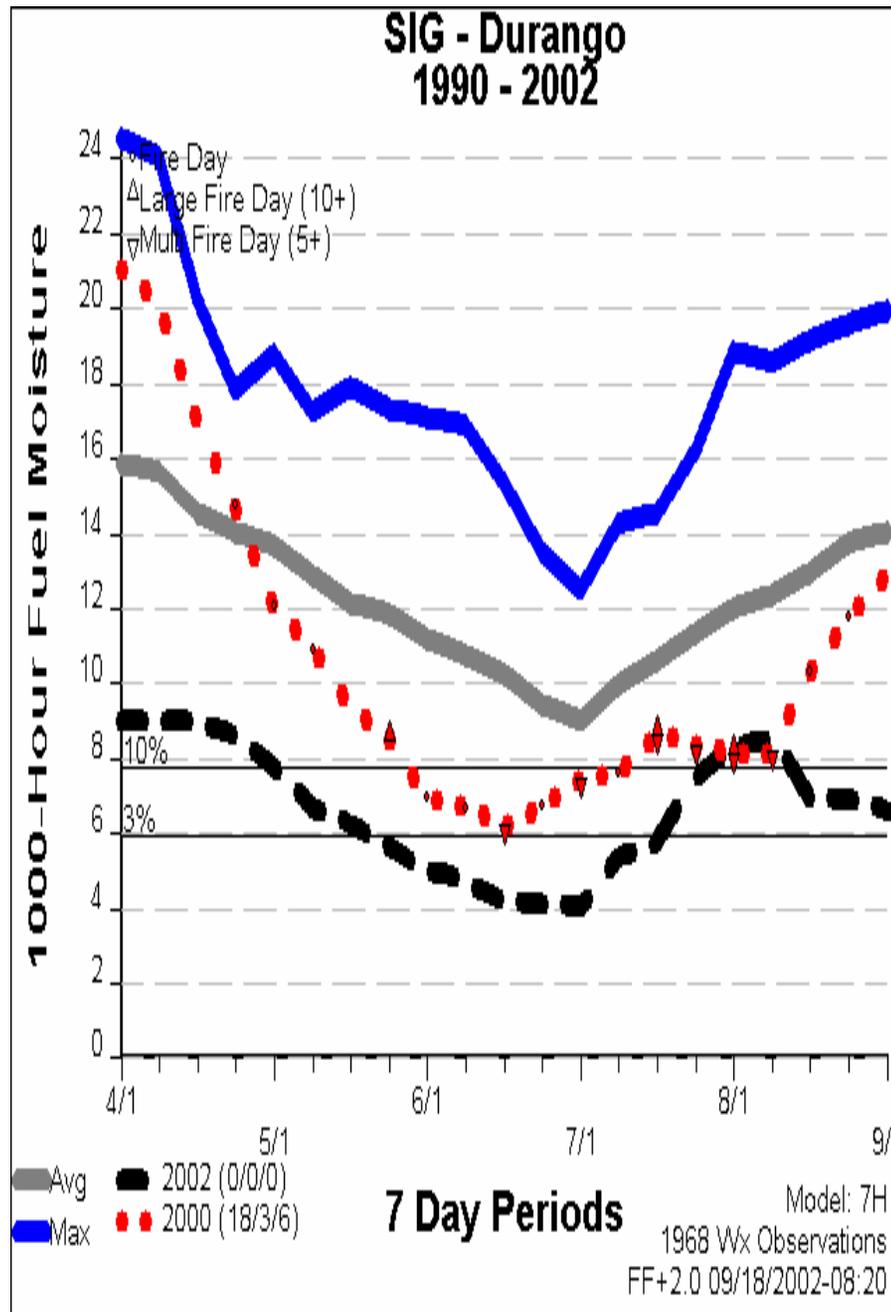
The Durango Interagency Dispatch Center Area experienced the worst fire season in our history. We had a total of 340 fires, of which 8 were classified as Large Fires that burned 75,897 acres. The season was directly affected by the exceptional drought, from May through September, combined with below normal rain and snowfall for the past 3 years.

Because of the weather conditions we had Dead Fuel Moistures that were the lowest on record, (See page 2 and 3). Also, the Energy Release Components were at record levels, (See page 2 and 4). The price tag for just the Severity support for all the agencies was more than 1.2 million dollars, and the fire fighting cost for just the 8 large fires exceeded 22.3 million dollars.

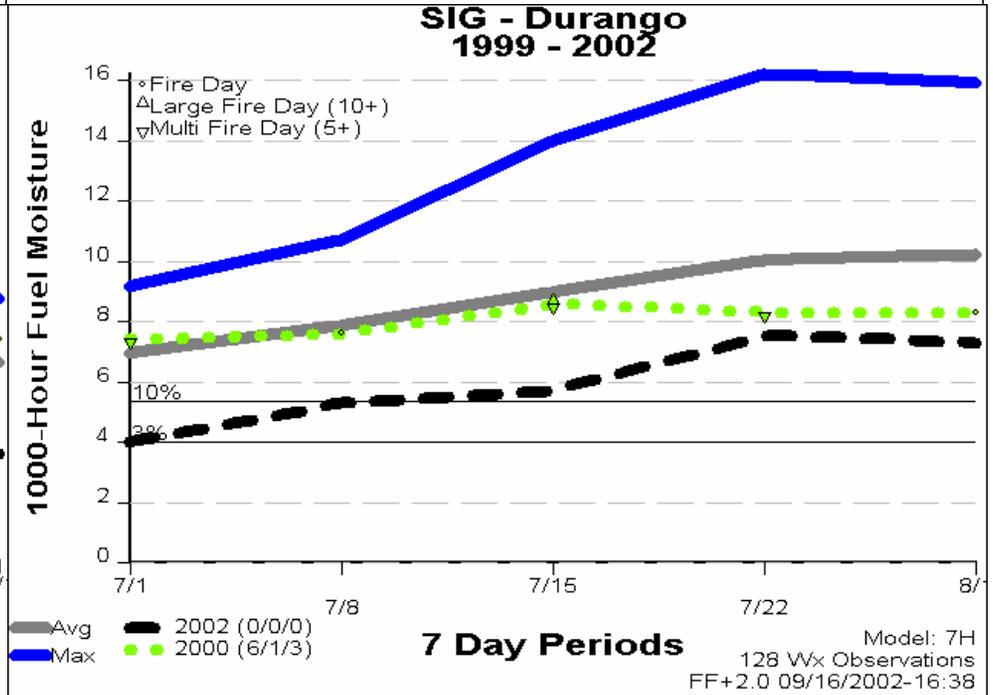
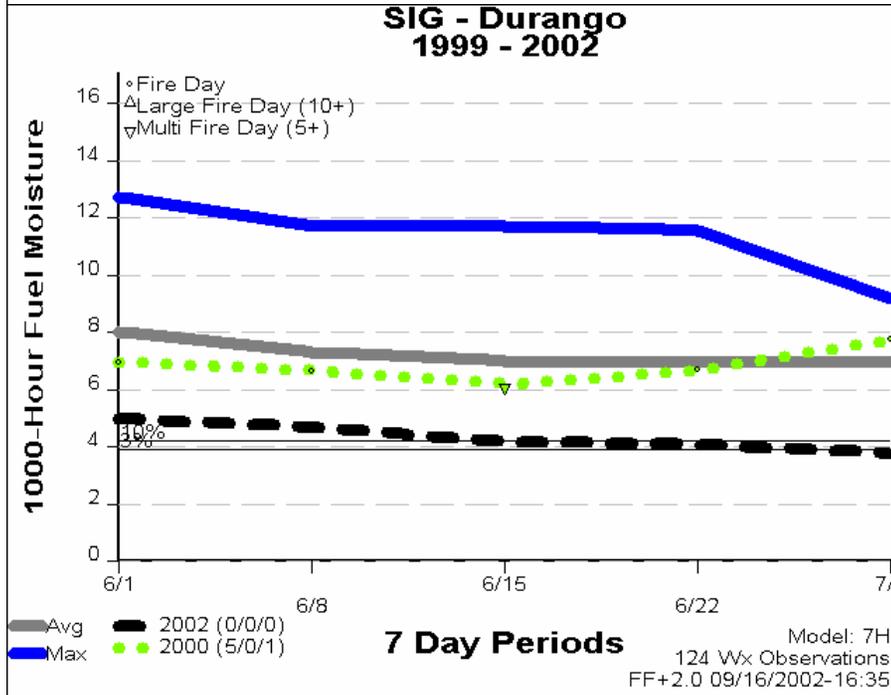
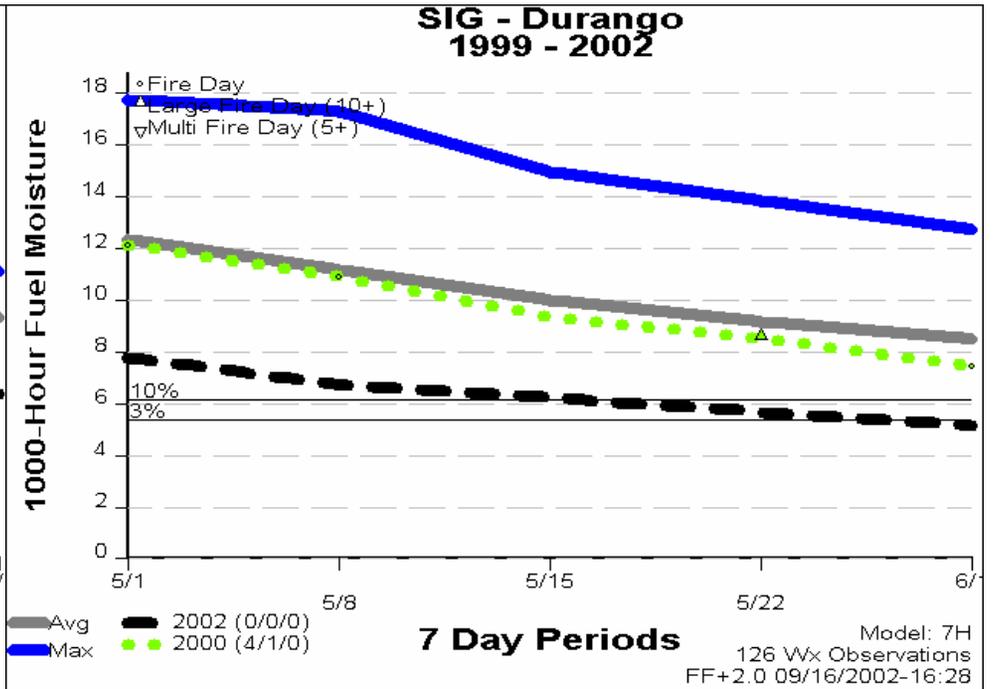
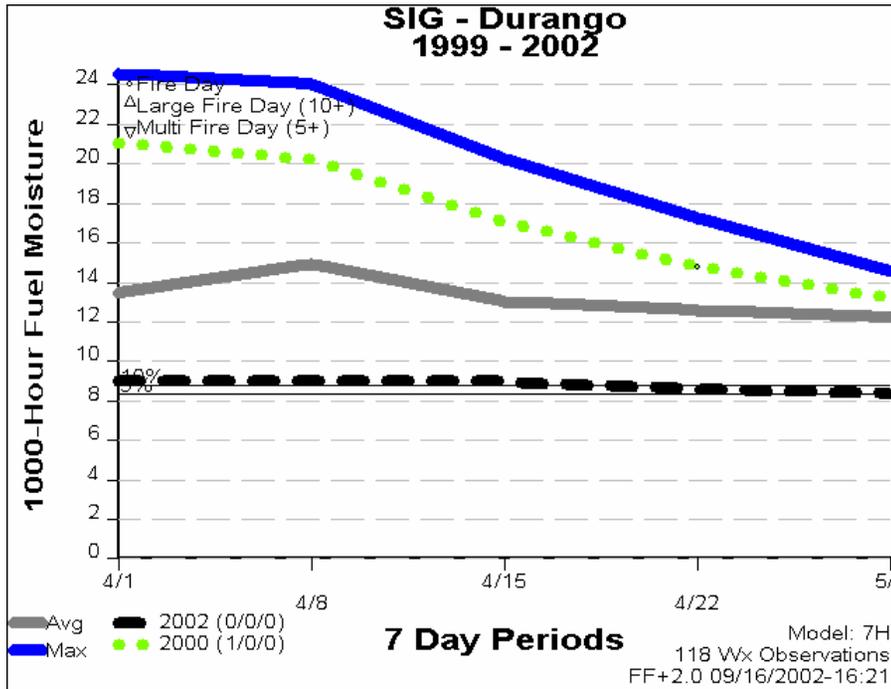


Mesa Verde National Park, Long Mesa Fire

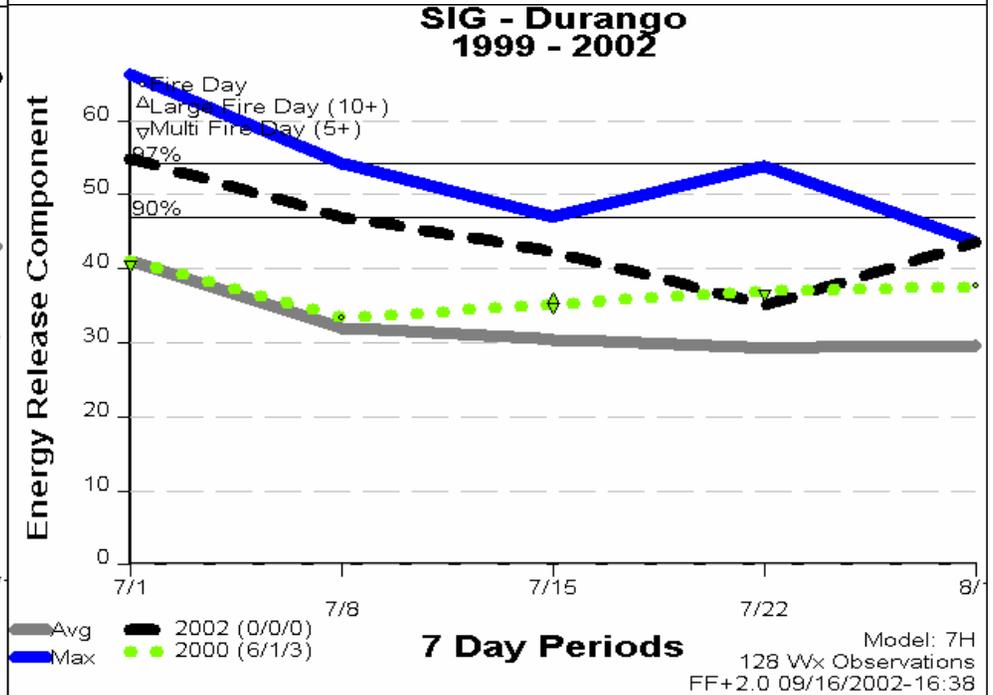
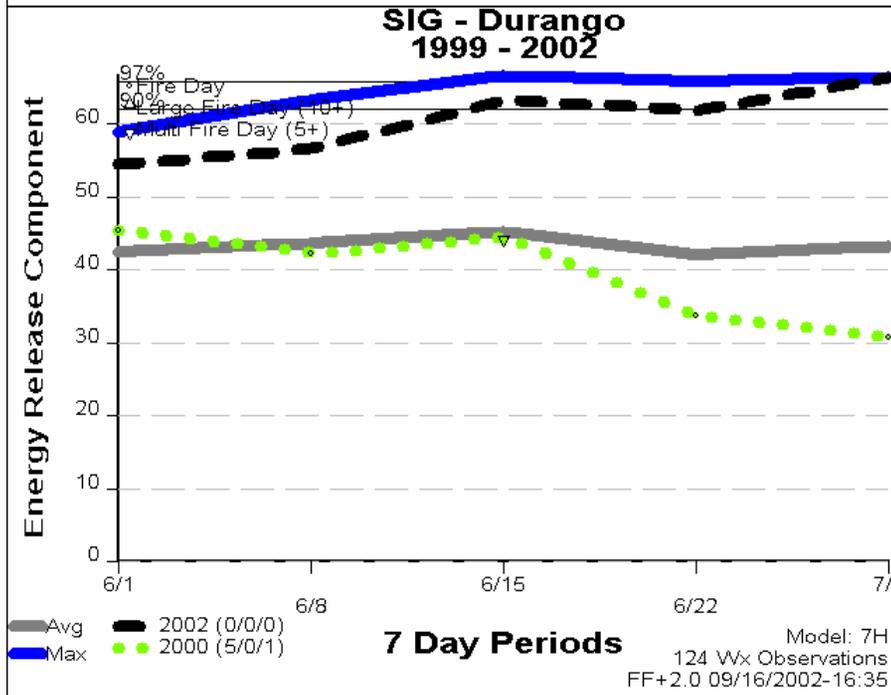
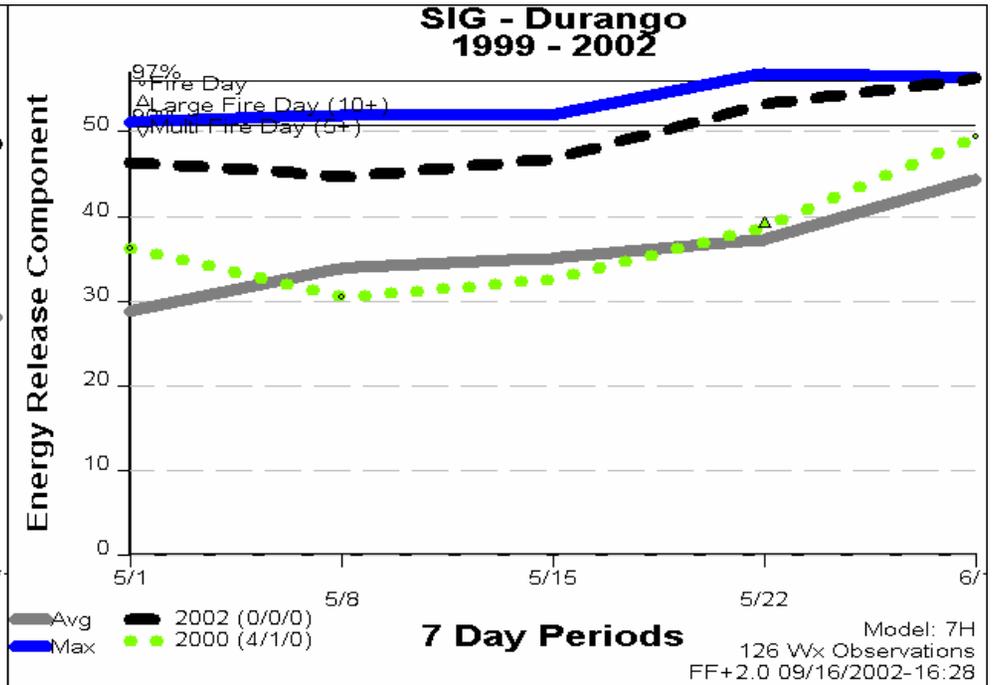
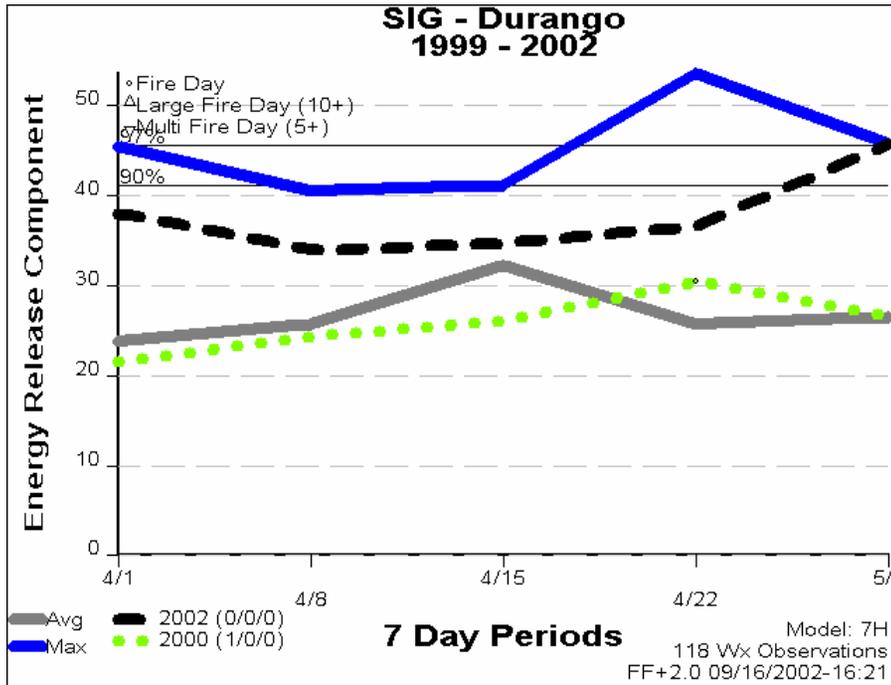
# 2002 Durango Interagency Dispatch Center Annual Report



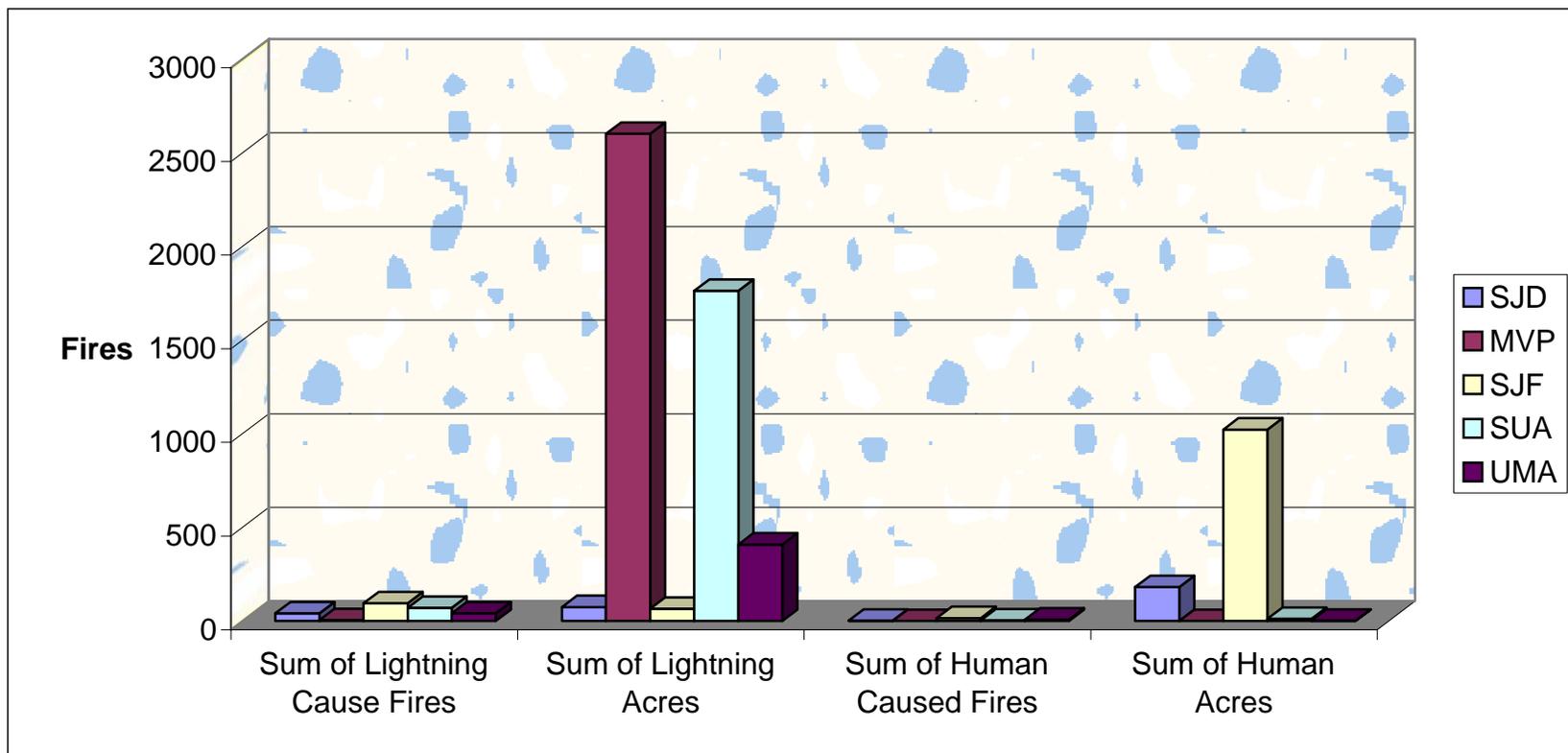
**2002 Durango Interagency Dispatch Center Annual Report**  
**April through July 1000 Hour Fuel Models for Durango**



**2002 Durango Interagency Dispatch Center Annual Report**  
**April through July Energy Release Components for Durango**



## 2002 Durango Interagency Dispatch Center Annual Report



	Sum of Lightning Cause Fires	Sum of Lightning Acres	Sum of Human Caused Fires	Sum of Human Acres
<b>SJD</b>	41	75	2	181
<b>MVP</b>	5	2602	0	0
<b>SJF</b>	95	66	16	1022
<b>SUA</b>	71	1763	4	12
<b>UMA</b>	41	409	8	2

**Wildfires** on the Durango Dispatch Area's Federal units, by October 1, 2002, have totaled 284 wildfires that consumed approximately 4931 acres. These totals and this chart do not include the Missionary Ridge Fire totals. (Totals - Lightning 253/3714ac.; Human 30/1215ac. With Missionary Ridge the total is 71665 ac.)

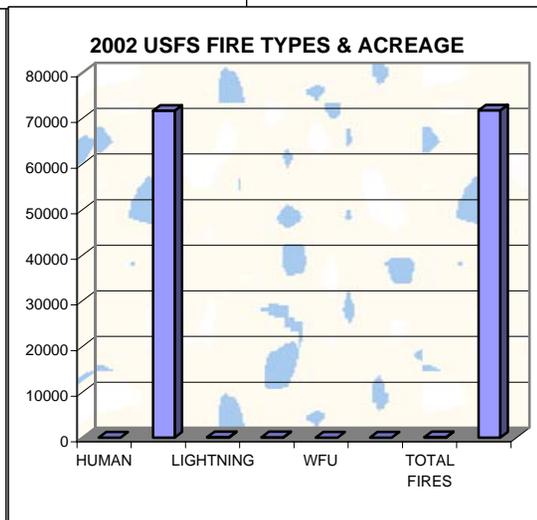
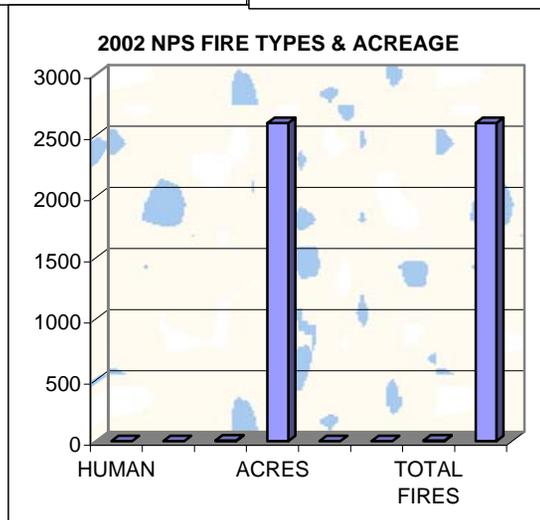
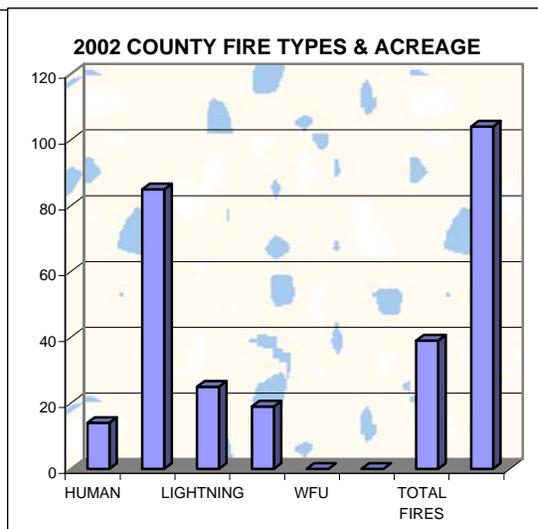
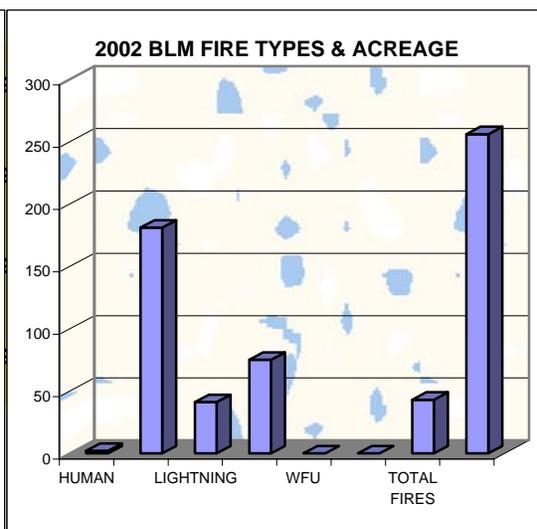
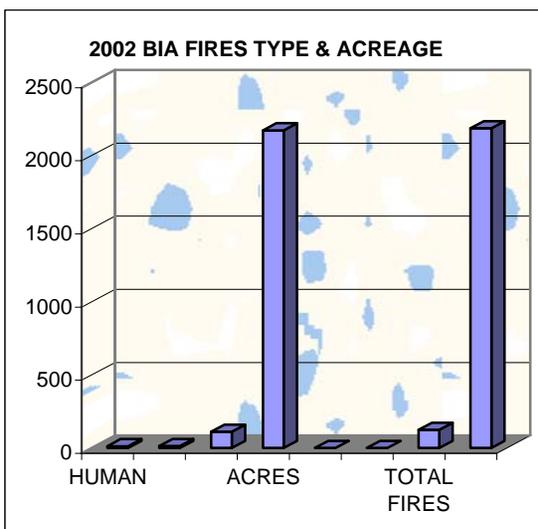
**Wildland Fire Use (WFU)** - We did not conduct any Wildland Fire Use Fires this year due to the severe fire danger.

**Prescribed Fire Activity** - We had 3 fires on BIA land that covered 30 acres, one fire on BLM land that covered 40 acres, and two fires on forest service land that covered 1,925 acres. All conducted early in the year prior to the extreme fire dangers.

# 2002 Durango Interagency Dispatch Center Annual Report

## 2002 DRC AREA INTERAGENCY FIRE STATISTICS

2002	HUMAN	ACRES	LIGHTNING	ACRES	WFU	ACRES	TOTAL FIRES	TOTAL ACRES
BIA	12	14	112	2172	0	0	124	2186
BLM	2	181	41	75	0	0	43	256
COUNTY	14	85	25	19	0	0	39	104
NPS	0	0	5	1401	0	0	5	1401
USFS	17	71665	95	66	0	0	112	71731
<b>TOTALS</b>	<b>45</b>	<b>71945</b>	<b>278</b>	<b>3733</b>	<b>0</b>	<b>0</b>	<b>323</b>	<b>75678</b>



# 2002 Durango Interagency Dispatch Center Annual Report

5 - Year Fire Statistics - Overall 2002 was well above average in fire numbers and acreage.

## 1998

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>BLM</i>	12	1672	2	0
<i>MVP</i>	17	2	0	0
<i>SJF</i>	53	1198	11	45
<i>SUA</i>	44	28	19	70
<i>UMA</i>	25	144	56	191
<b>TOTALS</b>	151	3044	88	306

## 2001

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>SJD</i>	10	51	0	0
<i>MVP</i>	17	5	0	0
<i>SJF</i>	56	81	6	100
<i>SUA</i>	39	110	4	204
<i>UMA</i>	49	32	10	39
<b>TOTALS</b>	171	279	20	343

## 1999

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>BLM</i>	8	1	0	0
<i>MVP</i>	11	3	1	0
<i>SJF</i>	17	8	13	5
<i>SUA</i>	23	180	5	8
<i>UMA</i>	23	10	35	23
<b>TOTALS</b>	82	202	54	36

## 2002

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>SJD</i>	41	75	2	181
<i>MVP</i>	5	2602	0	0
<i>SJF</i>	95	66	17	71665
<i>SUA</i>	71	1763	4	12
<i>UMA</i>	41	409	8	2
<b>TOTALS</b>	253	4915	31	71860

## 2000

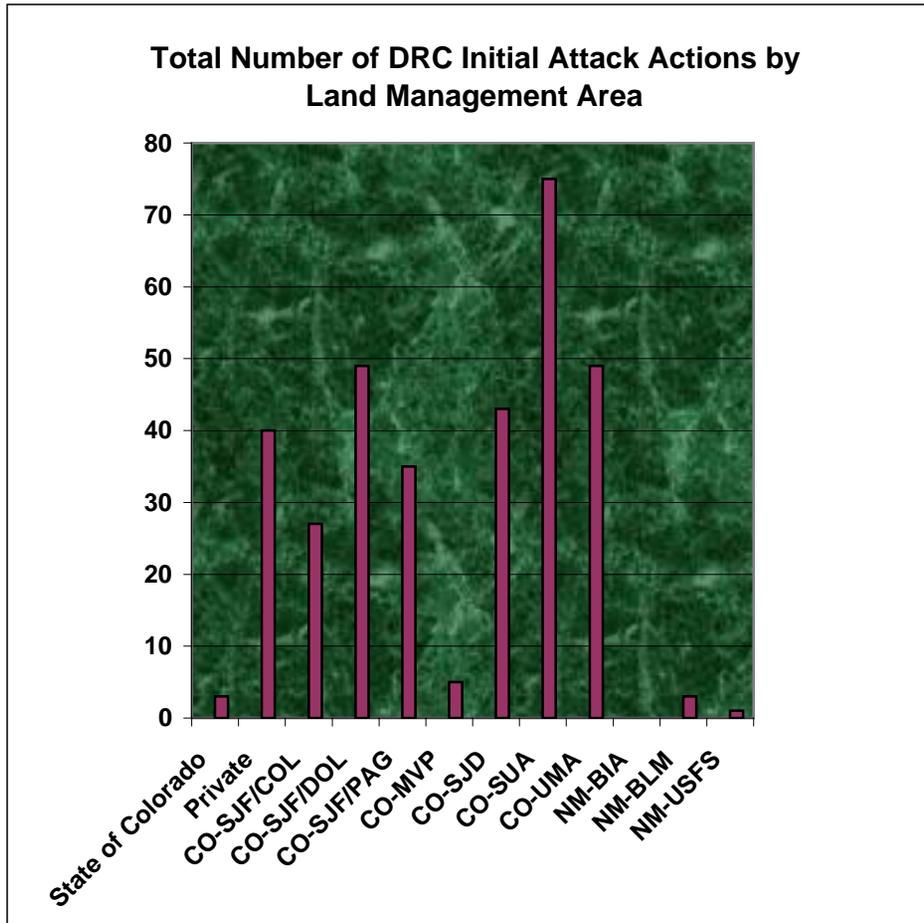
UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>BLM</i>	29	1377	0	0
<i>MVP</i>	27	20707	0	0
<i>SJF</i>	156	112	11	29
<i>SUA</i>	115	563	8	85
<i>UMA</i>	66	3959	31	106
<b>TOTALS</b>	393	26718	50	220

## 5 Year Average (1998-2002)

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres
<i>BLM</i>	67	3116	2	36
<i>MVP</i>	73	21237	1	0
<i>SJF</i>	301	1412	44	14512
<i>SUA</i>	235	1234	37	384
<i>UMA</i>	171	4227	134	359
<b>TOTALS</b>	848	31226	218	15292

# 2002 Durango Interagency Dispatch Center Annual Report

## Summary of DRC Incident Action Records for Fire Season 2002



Total Number of Initial Action Records      **339**  
 Number of False Alarms                              **6**  
 \* Total Number of Initial Attack Actions        **330**

<u>Unit</u>	<u># of Fires</u>	<u># of acres</u>
State of Colorado	3	0.7
Private	40	103.7
CO-SJF/COL	27	71450.6
CO-SJF/DOL	49	48.2
CO-SJF/PAG	35	40.15
CO-MVP	5	2602
CO-SJD	43	256
CO-SUA	75	1775
CO-UMA	49	411
NM-BIA	0	0
NM-BLM	3	3.1
NM-USFS	1	0.1
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	<b>330</b>	<b>76690.55</b>

\* This table only shows initial attack response actions in which DRC was involved.

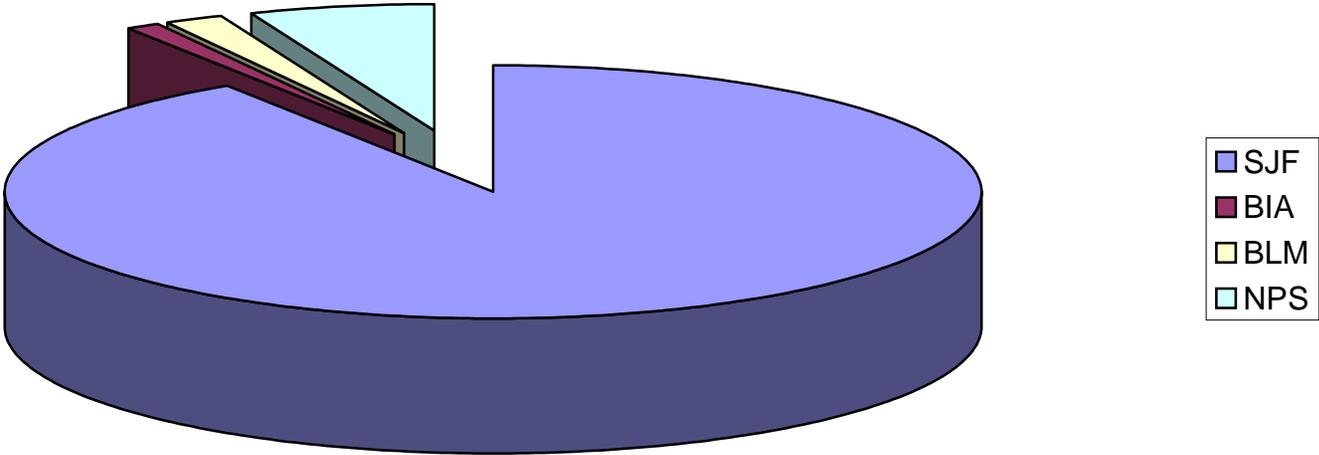
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2002

Agency	Funds
SJF	1,105,893.61
BIA	12,167.54
BLM	26,261.88
NPS	72,972.30

Total	1,217,295.33
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### Severity Funding by Agency



# 2002 Durango Interagency Dispatch Center Annual Report

## LOCAL AVIATION INFORMATION

### DURANGO AREA HELICOPTERS

The three contract helicopters we have within the DRC Area were extremely busy throughout the season, as was the New Air CWN helicopter (81EA) who helped support fire suppression activity. 09N provided assistance with the recovery effort on the Missionary Ridge BAER Project.

<u>Home Unit</u>	<u>TAIL #</u>	<u>Hours Flown</u>	<u>Passengers Delivered</u>	<u>Water Delivered</u>	<u>Cargo Delivered</u>
CO-MVP	910VR (T3)	309.3	1,138	258,078 Gal.	66,145 lbs.
CO-UMA	(14 May-15 Jul) 474PC (T3) (16 Jul-31 Aug) 101NP	259.6	640	74,610 Gal.	27,100lbs.
CO-SJF	97HJ (T2)	380	1,300	450,000 Gal.	148,000lbs.
<u>Number of Missions</u>					
New Air -CWN	81EA	297	447	78,677 Gal.	64,190 lbs.
New Air -CWN	09N				

### DURANGO AIRTANKER BASE

The construction started August 1, 2001 and we moved in on July 9, 2002. This amounted to 300 days ahead of schedule. From the new tanker base we flew 230 missions on 35 fires, and pumped 574,852 gallons of retardant. The numbers below shows the total from both locations.

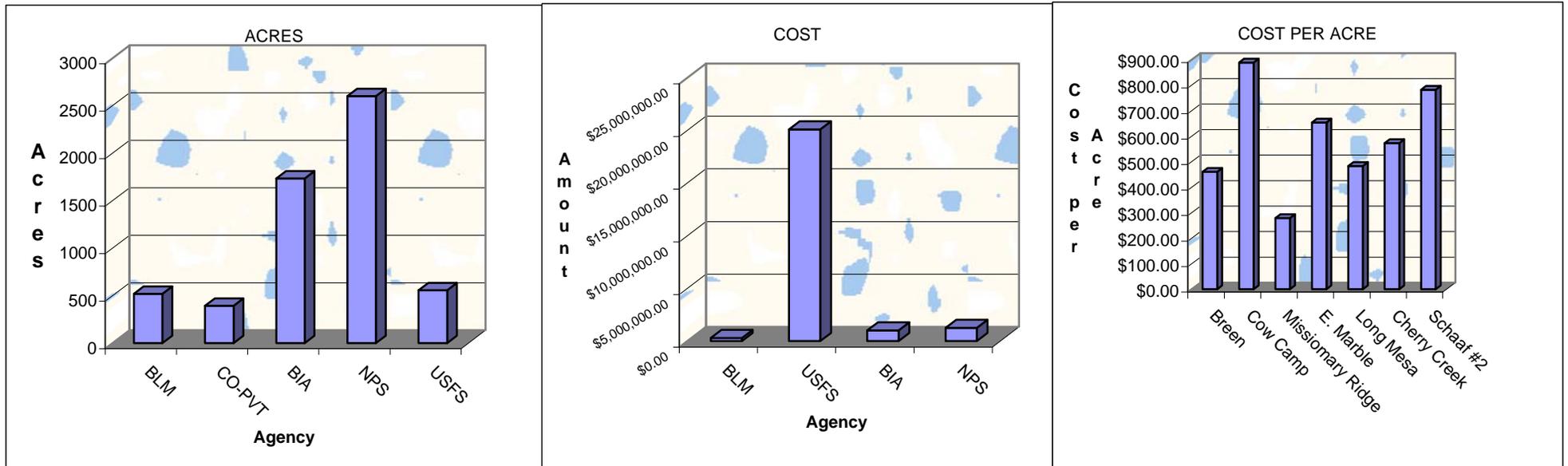
<u>Number of Missions</u>	<u>Gallons of Retardant Pumped</u>
71 Fires/727 Missions	1,800,000 Gallons

# 2002 Durango Interagency Dispatch Center Annual report

## Large Fires in Durango Area and their cost.

NOTE: Missionary Ridge Acres are not in graphs below.

FIRE	DATE	NAME	AGENCY	ACRES	COST	COST PER ACRE
13	29-Apr	Breen	BLM	180	\$82,912.20	\$460.62
26	20-May	Cow Camp	BLM	340	\$302,292.94	\$889.10
41	9-Jun	Missionary Ridge	USFS	70485	\$19,667,504.18	\$279.03
53	25-Jun	Valley	CO-PVT	393	See Above	
172	14-Jul	E. Marble	BIA	400	\$261,342.00	\$653.36
264	29-Jul	Long Mesa	NPS	2601	\$1,257,000.00	\$483.28
287	12-Aug	Cherry Creek	BIA	1335	\$765,000.00	\$573.03
290	16-Aug	Schaaf #2	USFS	556	\$435,000.00	\$782.37
<b>TOTAL</b>				<b>76110</b>	<b>\$22,771,051.32</b>	<b>\$299.19</b>



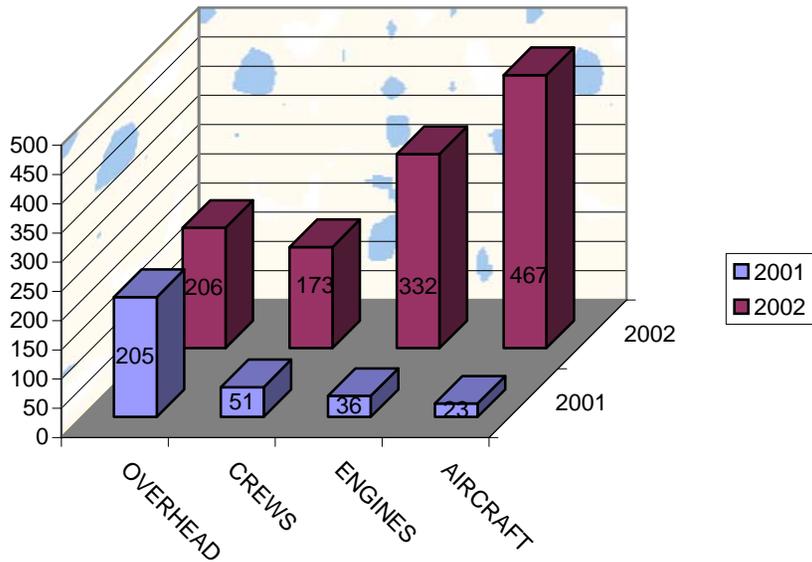
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## DURANGO INTERAGENCY DISPATCH CENTER RESOURCE INFORMATION

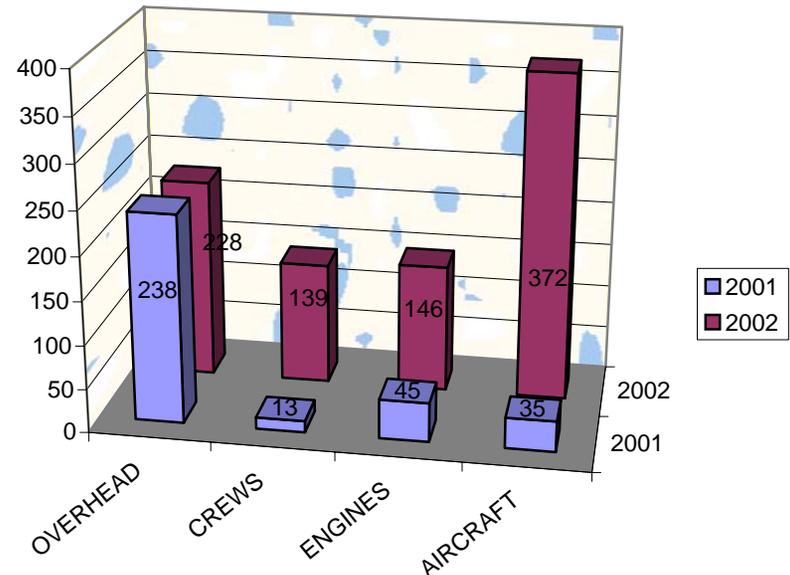
	2001			
	OVERHEAD	CREWS	ENGINES	CRAFT
NIC > DRC	60	29	5	#
RMC > DRC	20	13	2	9
DRC > DRC	125	9	29	#
<b>Total:</b>	<b>205</b>	<b>51</b>	<b>36</b>	<b>#</b>
DRC > DRC	125	9	29	#
DRC > RMC	32	2	2	8
DRC > NIC	81	2	14	4
<b>Total:</b>	<b>238</b>	<b>13</b>	<b>45</b>	<b>#</b>

	2002			
	OVERHEAD	CREWS	ENGINES	AIRCRAFT
NIC > DRC	8	128	170	70
RMC > DRC	19	26	38	55
DRC > DRC	179	19	124	342
<b>Total:</b>	<b>206</b>	<b>173</b>	<b>332</b>	<b>467</b>
DRC > DRC	179	128	124	342
DRC > RMC	34	8	6	28
DRC > NIC	15	3	16	2
<b>Total:</b>	<b>228</b>	<b>139</b>	<b>146</b>	<b>372</b>

Comparison of DRC Resources Mobilized Internally



Comparison of DRC Resources Mobilized Externally



# 2002 Durango Interagency Dispatch Center Annual Report

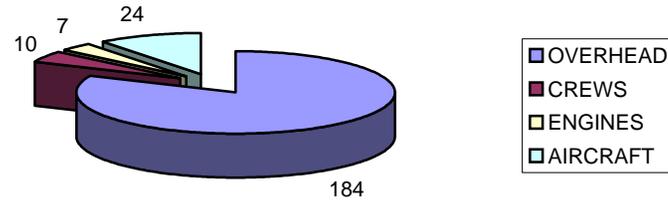
## 2001 DRC Area Resource Dispatches

(via resource orders only)

Unit	ENGINES	CREWS	AIRCRAFT	O/H
SJD	0	0	0	11
MVP	0	0	12	32
SJF	1	3	5	111
SUA	1	0	0	11
UMA	1	7	7	15
COS	4	0	0	4
<b>Totals</b>	<b>7</b>	<b>10</b>	<b>24</b>	<b>184</b>

\* 525 total DRC people dispatched

2001 DRC Area Resources Dispatched



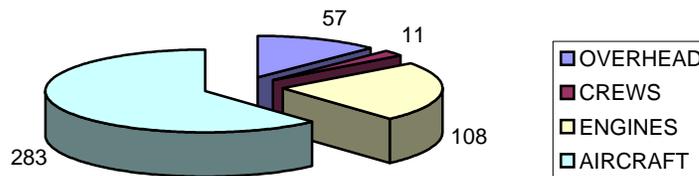
## 2002 DRC Area Resource Dispatches

(via resource orders only)

Unit	ENGINES	CREWS	AIRCRAFT	O/H
SJD	0	0	1	5
MVP	2	0	15	63
SJF	14	5	83	177
SUA	11	0	0	12
UMA	10	6	9	13
COS	20	0	0	13
<b>Totals</b>	<b>57</b>	<b>11</b>	<b>108</b>	<b>283</b>

\*998 total DRC people dispatched

2002 DRC Area Resources Dispatched

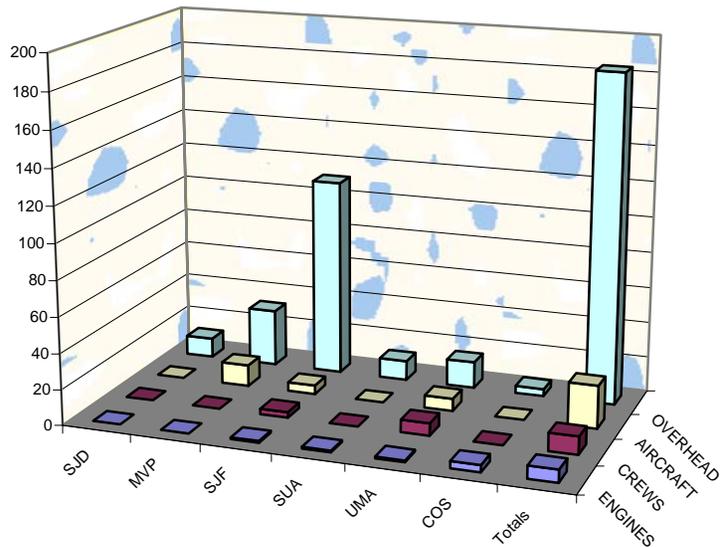


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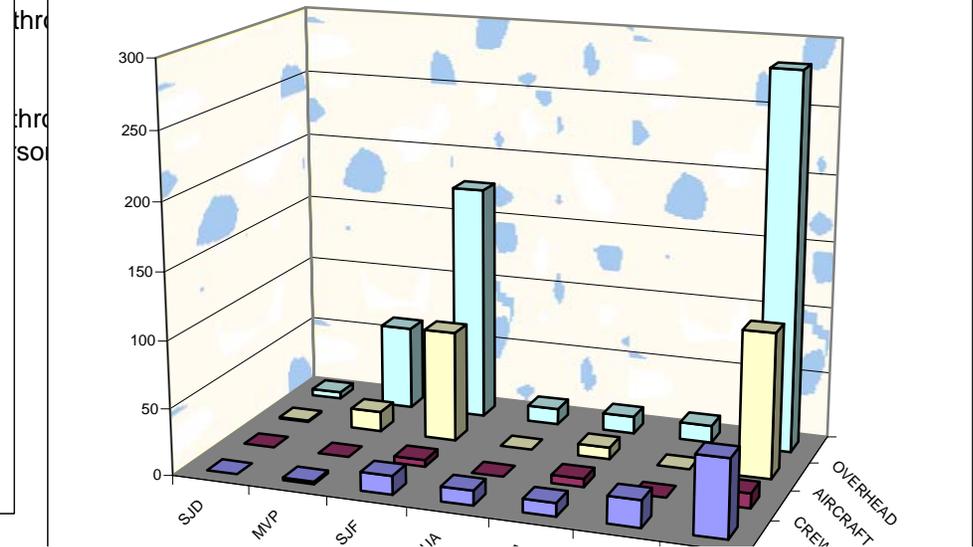
Unit	ENGINES	CREWS	AIRCRAFT	OVERHEAD
SJD	0	0	0	11
MVP	0	0	12	32
SJF	1	3	5	111
SUA	1	0	0	11
UMA	1	7	7	15
COS	4	0	0	4
<b>Totals</b>	<b>7</b>	<b>10</b>	<b>24</b>	<b>184</b>

Unit	ENGINES	CREWS	AIRCRAFT	OVERHEAD
SJD	0	0	1	5
MVP	2	0	15	63
SJF	14	5	83	177
SUA	11	0	0	12
UMA	10	6	9	13
COS	20	0	0	13
<b>Totals</b>	<b>57</b>	<b>11</b>	<b>108</b>	<b>283</b>

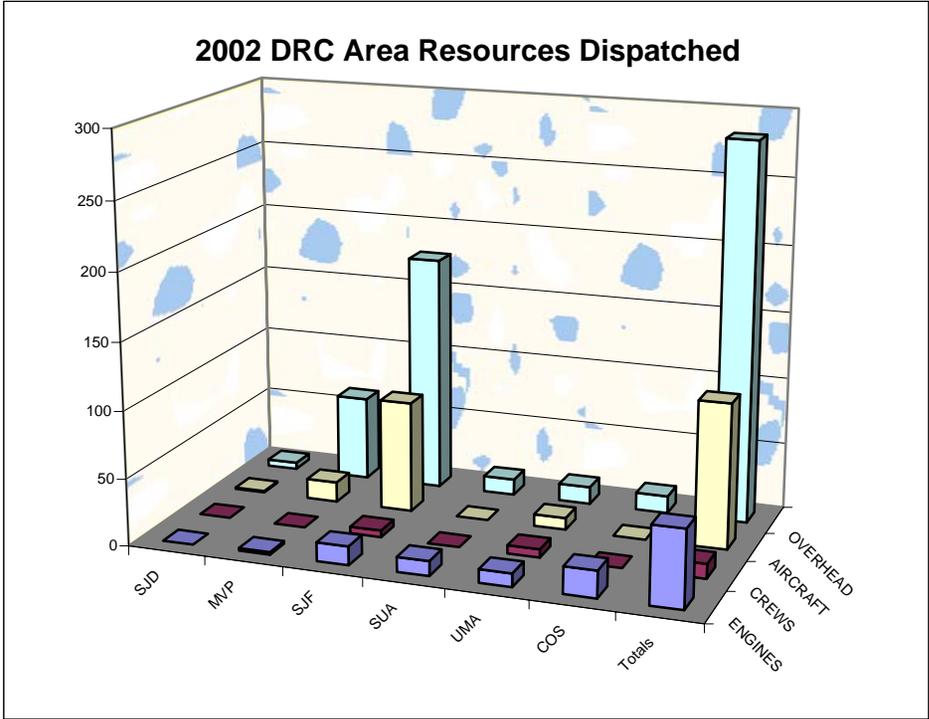
2001 DRC Area Resources Dispatched



2002 DRC Area Resources Dispatched



# 2002 Durango Interagency Dispatch Center Annual Report



# 2002 Durango Interagency Dispatch Center Annual Report

## 2002 DRC Area Interagency Aircraft Dispatches

### Type of Dispatches

WFU	WILDFIRE	SUPPORT	SEVERITY	TOTAL
2	70	2	0	74

### RMA Aircraft Assignments

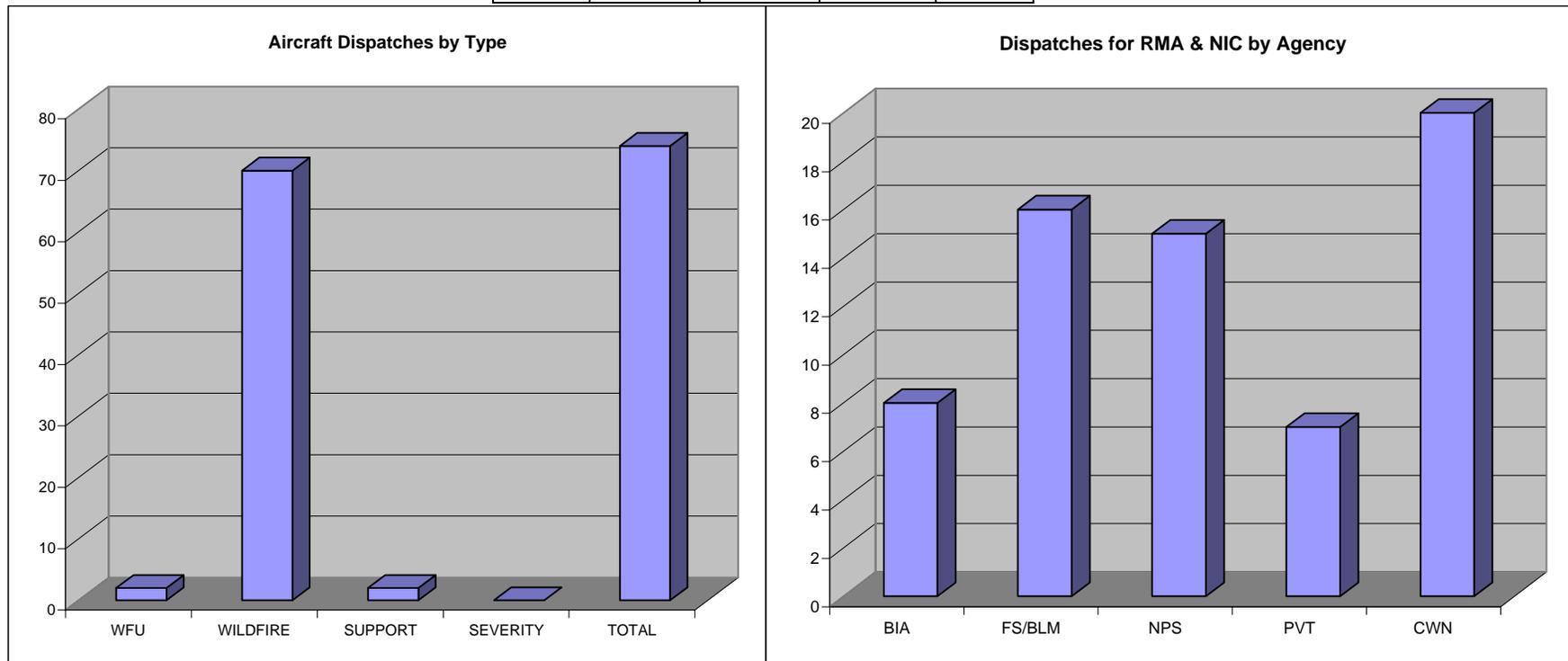
BIA	FS/BLM	NPS	PVT	CWN	CWN	TOTAL
4EC/1NP	97HJ	910VR	82Q	81EA	54K	
5	16	15	5	18	0	59

### National Aircraft Assignments

BIA	FS/BLM	NPS	PVT	CWN	CWN	TOTAL
4EC/1NP	97HJ	910VR	82Q	81EA	54K	
1	0	0	2	2	0	5

### AGENCY TOTALS

BIA	FS/BLM	NPS	PVT	CWN
8	16	15	7	20



# 2002 Durango Interagency Dispatch Center Annual Report

## 2002 DRC Area Interagency Aircraft Dispatches

### Type of Dispatches

RX	WILDFIRE	SUPPORT	TOTAL
1	147	25	173

### RMA Crews Assignments

BIA	FS/BLM	TOTAL
9	14	23

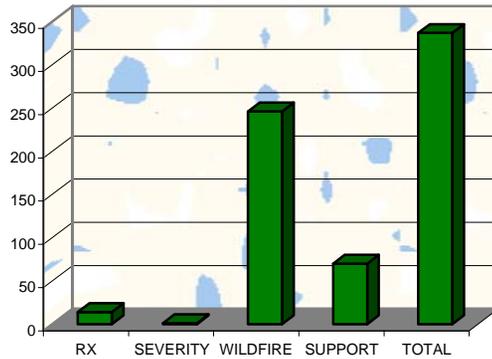
### National Crews Assignments

BIA	FS/BLM	TOTAL
16	33	49

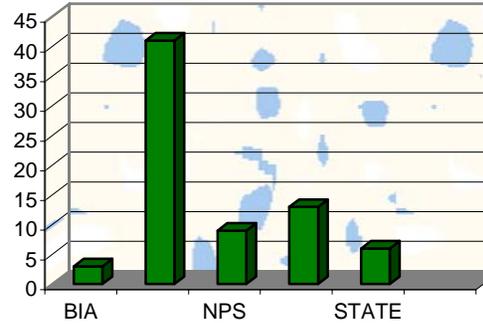
### AGENCY TOTALS

BIA	RMA	NIC
26	194	97

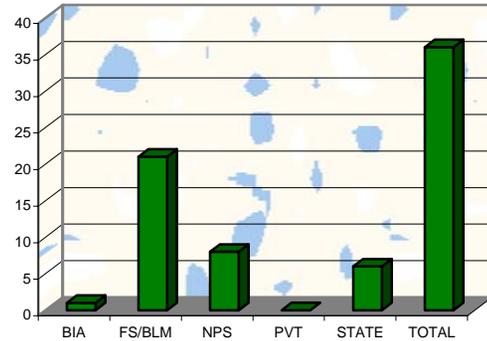
2002 Crews Dispatched by Type



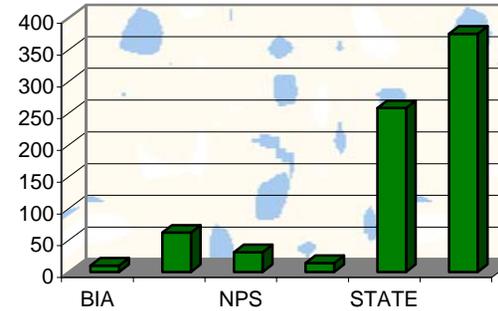
2002 Crews Dispatched Within RMA by Agency



2002 National Crew Dispatches by Agency



2002 RMA-NIC Crew Dispatch Totals by Agency



# 2002 Durango Interagency Dispatch Center Annual Report

## 2002 DRC Area Interagency Engine Dispatches

Type of Dispatches

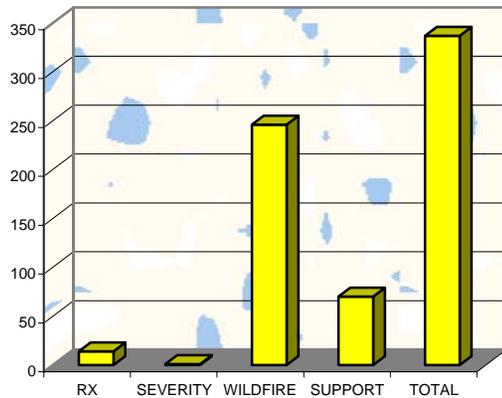
RMA Engines Assignments

National Engines Assignments

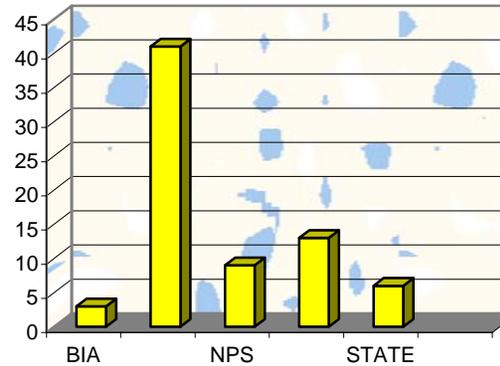
AGENCY TOTALS

<b>RX</b>	<b>WILDFIRE</b>	<b>SUPPORT</b>	<b>TOTAL</b>
7	387	28	422
<b>BIA</b>	<b>FS/BLM</b>	<b>STATE</b>	<b>TOTAL</b>
6	20	23	49
<b>BIA</b>	<b>FS/BLM</b>	<b>STATE</b>	<b>TOTAL</b>
11	39	58	108
<b>BIA</b>	<b>STATE</b>	<b>RMA</b>	<b>NIC</b>
23	109	49	108

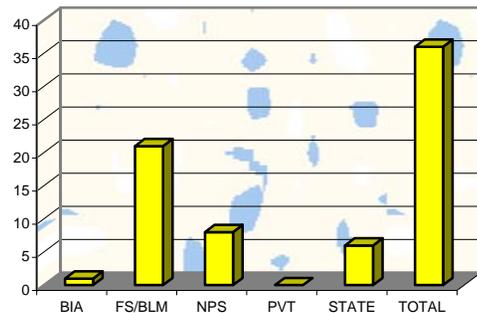
2002 Engines Dispatched by Type



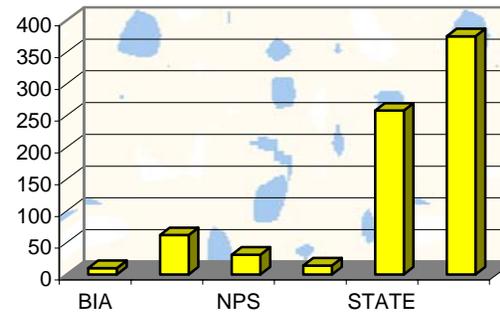
2002 Engines Dispatched Within RMA by Agency



2002 National Engine Dispatches by Agency



2002 RMA-NIC Engine Dispatch Totals by Agency



# 2002 Durango Interagency Dispatch Center Annual Report

## 2002 DRC Area Interagency Overhead Dispatches

Type of Dispatches

REHAB	WFU	RX	SEVERITY	WILDFIRE	SUPPORT	TOTAL
6	0	14	1	246	70	337

RMA Overhead Assignments

BIA	FS/BLM	NPS	PVT	STATE	TOTAL
3	41	9	13	6	

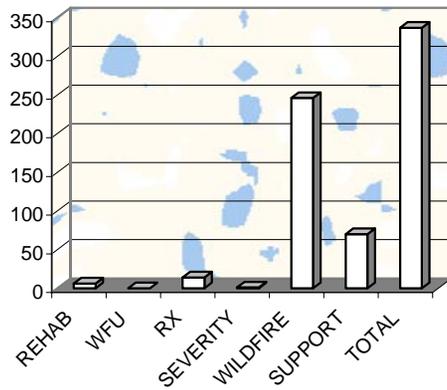
National Overhead Assignments

BIA	FS/BLM	NPS	PVT	STATE	TOTAL
1	21	8	0	6	36

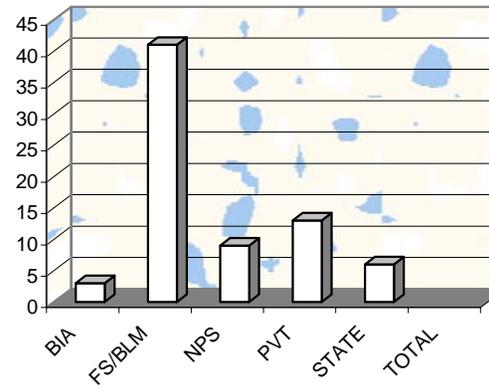
AGENCY TOTALS

BIA	FS/BLM	NPS	PVT	STATE	TOTAL
10	62	31	14	258	375

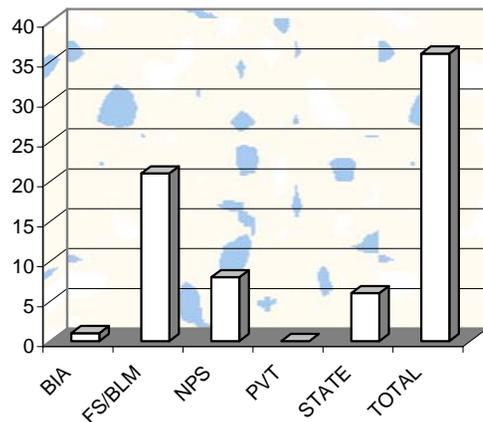
2002 Combined Overhead Dispatches by Type



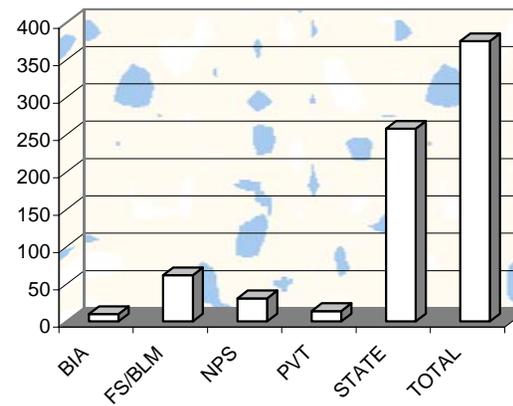
2002 Overhead Dispatches Within RMA by Agency



2002 National Overhead Dispatches by Agency

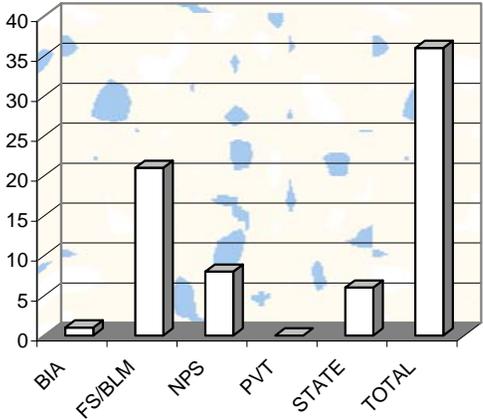


2002 RMA-NIC Overhead Dispatch Totals by Agency

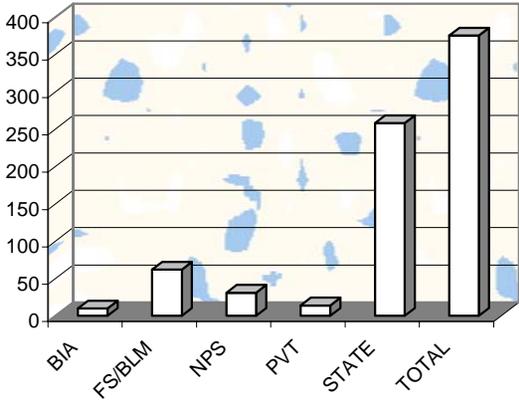


# 2002 Durango Interagency Dispatch Center Annual Report

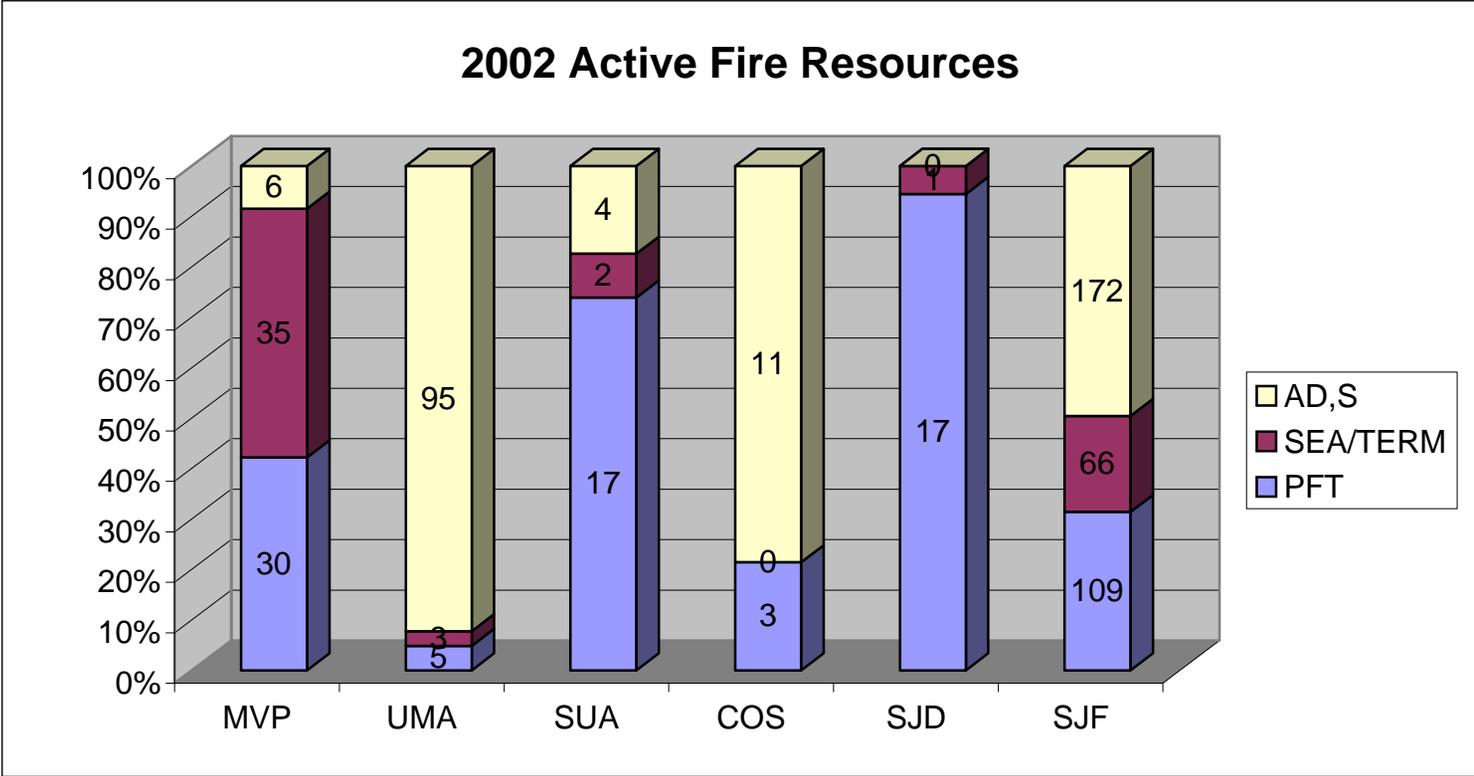
2002 National Overhead Dispatches by Agency



2002 RMA-NIC Overhead Dispatch Totals by Agency



# 2002 Durango Interagency Dispatch Center Annual Report



The DRC area has approximately 544 interagency redcarded individuals to draw from for fire assignments.

Out of these, approximately 87 percent actively participate in fire.