

2007 Durango Interagency Dispatch Center Annual Report



Archuleta County
Dolores County
Hinsdale County
La Plata County
Mineral County
Montezuma County
San Juan County

The DRC Annual Report Contents:

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- Section 2: DRC Fire Activity**
- Section 3: Resources**
- Section 4: Aviation (Helicopters; Durango Air Tanker Base.)**
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- Section 6: Fuel Graphs**

Trimble Point Prescribed Fire - Photos by Eric LaPrice

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Fire Activity Summary (See Section 2 for details.)

The 2007 fire season began in early April and extended through late September, which is the latest start in three years. The first fire of the season was a human caused fire on Pagosa Public Lands. Federal agencies had 320 fires that burned a total of 1944.4 acres. Durango zone resources supported counties (Archuleta, Dolores, La Plata, Montezuma, and San Juan) with 29 of their fires which burned 326.9 acres.

Federal agencies in the Durango zone conducted 21 prescribed burns for 3,899 acres, and conducted 51 mechanical fuel reductions on an additional 10,998 acres.

Weather Summary (Also see Section 6 for fuels data information.)

After early snowfall in the autumn of 2006, November and December were relatively dry, meaning the year 2007 began with lower than normal snowpack in the high county. Significantly drier than normal conditions continued from January through April as high pressure dominated the weather pattern. January, February, March and April were also warmer than normal. May was the first month with widespread "near normal" precipitation though still slightly below normal for most locations. June was very dry, with only a few hundredths of an inch of rain falling at most stations and temperatures averaging about 5 degrees warmer than climatology. The monsoon flow developed in early July, a bit earlier than normal, and the subtropical moisture brought significant rain to southwest Colorado through most of the month. Again the monthly totals remained a few tenths of an inch below normal. Also, the temperatures in June and July were 3 to 5 degrees above normal at most locations. The end of the summer continued the warm and dry trend as the precipitation totals from both months were half the normal amount of rain and temperatures averaged 1 to 3 degrees above normal. (*Chris Cuoco, Grand Junction Nat'l Weather Service Office*)

Resources Summary (See Section 3 for details.)

The Durango Dispatch Zone has 287 red carded individuals to draw from for fire assignments. Out of these, approximately 81 percent actively participated in fire during 2007.

As of November 2007, Durango Dispatch processed 1,657 requests resulting in the mobilization of 4,156 personnel. See Section 3 for details.

The Durango Dispatch Zone has three Exclusive Use helicopters (2LM, 9EV, 73H) which flew 891 hours in support of incident operations. See Section 4 for details.

The Durango Tanker Base supported Air Tankers, SEATs, Lead Planes, and Air Attack aircraft in fire operations. See Section 4 for details.

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2002 - Fires and Acres for Federal Agencies							2005 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	5	2602	0	0	5	2602	MVP	7	7	0	0	7	7
SJD	42	75	2	181	44	256	SJD	37	276	0	71	37	347
SJF	97	66	17	71665	114	71731	SJF	69	2353	8	1	77	2354
SUA	71	1763	4	12	75	1775	SUA	59	1217	1	26	60	1243
UMA	41	409	8	2	49	411	UMA	12	1560	77	190	89	1750
TOTALS	256	4915	31	71860	287	76775	TOTALS	184	5413	86	287	270	5700
2003 - Fires and Acres for Federal Agencies							2006 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	28	448	0	0	28	448	MVP	22	22.1	0	0.0	22	22.1
SJD	94	20	0	0	94	20	SJD	85	46.3	4	0.4	89	46.7
SJF	179	2233	1	2	180	2235	SJF	96	20.8	9	5.0	105	25.8
SUA	96	2208	1	1	97	2209	SUA	72	572.5	1	0.5	73	573.0
UMA	67	2314	1	0	68	2314	UMA	80	731.4	12	18.2	92	749.6
TOTALS	464	7223	3	3	467	7226	TOTALS	355	1393.1	26	24.1	381	1417.2
2004 - Fires and Acres for Federal Agencies							2007 - Fires and Acres for Federal Agencies						
UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	26	4	0	0	26	4	MVP	12	3.0	0	0.0	12	3.0
SJD	42	83	1	0	43	83	SJD	48	165.8	1	0.1	49	165.9
SJF	97	29	11	62	108	91	SJF	80	98.3	18	4.1	98	102.4
SUA	64	226	2	0	66	226	SUA	74	1613.9	4	0.9	78	1614.8
UMA	85	1111	2	1	87	1112	UMA	57	52.6	29	5.8	86	58.4
TOTALS	314	1453	16	63	330	1516	TOTALS	271	1933.5	52	10.9	323	1944.4
5-Year Average Federal Agencies (2002-2006)							Fire and Acres, Colorado State Forest Service, Durango District						
UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres	UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	18	617	0	0	18	617	2002	28	19.0	14	85.0	42	104.0
SJD	60	100	1	51	61	150	2003	126	34.9	38	57.6	164	92.5
SJF	108	940	9	14347	117	15287	2004	81	73.0	51	113.0	132	186.0
SUA	72	1197	2	8	74	1205	2005	63	116.0	31	50.0	94	166.0
UMA	57	1225	20	42	77	1267	2006	105	57.7	35	76.4	140	134.1
TOTALS	315	4079	32	14447	347	18527	2007	86	1793.5	27	337.0	113	2130.5
							Totals Provided by Colorado Depart. of Public Safety.						

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2007 FEDERAL AGENCY/UNIT FIRE ACTIVITY

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
MVP	12	3.0	0	0.0	12	3.0
SJD	48	165.8	1	0.1	49	165.9
<i>SJD-COL</i>	<i>5</i>	<i>0.7</i>	<i>0</i>	<i>0.0</i>	<i>5</i>	<i>0.7</i>
<i>SJD-DOL</i>	<i>43</i>	<i>165.1</i>	<i>1</i>	<i>0.1</i>	<i>44</i>	<i>165.2</i>
<i>SJD-PAG</i>	<i>0</i>	<i>0.0</i>	<i>0</i>	<i>0.0</i>	<i>0</i>	<i>0.0</i>
SJF	80	98.3	18	4.1	98	102.4
<i>SJF-COL</i>	<i>23</i>	<i>5.2</i>	<i>4</i>	<i>0.5</i>	<i>27</i>	<i>5.7</i>
<i>SJF-DOL</i>	<i>23</i>	<i>78.0</i>	<i>4</i>	<i>0.5</i>	<i>27</i>	<i>78.5</i>
<i>SJF-PAG</i>	<i>34</i>	<i>15.2</i>	<i>10</i>	<i>3.0</i>	<i>44</i>	<i>18.2</i>
SUA	74	1613.9	4	0.9	78	1614.8
UMA	57	52.6	29	5.8	86	58.4
Total Federal	271	1933.5	52	10.9	323	1944.4

2007 COUNTY FIRE ACTIVITY

UNIT	Lightning Caused	Lightning Acres	Human Caused	Human Acres	Total Fires	Total Acres
AUX	20	2.0	3	0.2	23	2.2
DLX	2	0.2	1	300.0	3	300.2
LPX	40	1552.8	12	19.3	52	1572.1
MNX	24	238.5	11	17.5	35	256.0
SJX	0	0.0	0	0.0	0	0.0
Total County	86	1793.5	27	337.0	113	2130.5
<i>Totals for Counties provided by Colorado Department of Public Safety, as of 16 Oct 2007</i>						

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PRESCRIBED FIRES			
Fuel Burning Projects	Unit	Acres	Method
AHC Piles Burns	SJD-DOL	1	Piles
School JFSP Piles	SJD-DOL	35	Piles
Summit Ridge	SJD-DOL	35	Piles
Vigil/Abeyta	SJD-PAG	346	Broadcast
Swede #2 Chips	BIA-SUA	58	Broadcast
Sandoval	BIA-SUA	100	Broadcast
Youth Camp #3	BIA-SUA	65	Piles
Edgemont	SJF-COL	25	Piles
Trail Canyon	SJF-DOL	1,015	Broadcast
Trimble Point	SJF-DOL	1,300	Broadcast
Burns Canyon	SJF-PAG	395	Broadcast
Chimney Rock	SJF-PAG	41	Piles
Devil Creek	SJF-PAG	73	Broadcast
Turkey Springs	SJF-PAG	7	Piles
Ute Fuels	SJF-PAG	53	Piles
Lower Middle Mtn	SJF-PAG	285	Broadcast
Morfield	NPS-MVP	25	Broadcast
Farview	NPS-MVP	15	Broadcast
Safety Zone	NPS-MVP	16	Piles
Sundance	BIA-UMA	1	Piles
Johnson Canyon	BIA-UMA	8	Piles
		3,899	



DRC AREA	SUMMARY	
Unit	Prescribed Fire Acres	Mechanical Acres
San Juan Forest	3,194	7,718
Columbine	25	478
Dolores	2,315	2,590
Pagosa	854	4,650
San Juan Field Office	417	2,482
Columbine	0	493
Dolores	71	1,643
Pagosa	346	346
Mesa Verde Park	56	59
Southern Ute Agency	223	635
Ute Mountain Agency	9	104
Totals	3,899	10,998



Trimble Point

Prescribed Fire
Photos by
Eric LaPrice

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Mechanical Fuel Reduction	Unit	Acres	Method
CR 228	SJD-COL	234	Thinning
La Plata County	SJD-COL	10	Thinning
Forest Lakes II	SJD-COL	249	Thinning
Monogram	SJD-DOL	601	Mowing
Perkins	SJD-DOL	312	Mowing
School II	SJD-DOL	197	Mowing
South Spud	SJD-DOL	533	Mowing
Mesa Pedregosa	SJD-PAG	346	Mowing
Forest Lakes II FS	SJF-COL	82	Mowing
Junction Creek	SJF-COL	322	Thinning
Junction Creek	SJF-COL	74	Mowing
House Creek Rim	SJF-DOL	160	Mowing
McPhee	SJF-DOL	16	Thinning
Rim House	SJF-DOL	96	Thinning
Rocky Draw	SJF-DOL	1,123	Thinning
Carlyle Point	SJF-DOL	187	Thinning
Doe Canyon	SJF-DOL	504	Mowing
Doe Canyon	SJF-DOL	504	Thinning
Brockover Fuels	SJF-PAG	879	Mowing
Brockover Fuels	SJF-PAG	1,075	Thinning
Burns Canyon	SJF-PAG	102	Mowing
Eight Mile Mesa	SJF-PAG	23	Thinning
Kenney Flats	SJF-PAG	867	Thinning
Turkey Springs	SJF-PAG	11	Thinning
Vega La Juana	SJF-PAG	745	Mowing
Vega La Juana	SJF-PAG	745	Thinning
Ute Fuels	SJF-PAG	203	Thinning
Column 1 Total		10,200	

Mechanical Fuel Reduction	Unit	Acres	Method
Johnson Canyon	BIA-UMA	86	Mowing
Johnson Canyon	BIA-UMA	18	Thinning
07 North Pondo Thin	BIA-SUA	15	Thining
161 road #2	BIA-SUA	77	Mowing
161 road #2 Piles	BIA-SUA	33	Thining
161 road #1	BIA-SUA	53	Mowing
161 Road #1 Piles	BIA-SUA	33	Thining
East Garcia #7	BIA-SUA	10	Mowing
East Garcia #7 Piles	BIA-SUA	12	Thining
West Garcia #1	BIA-SUA	77	Mowing
West Garcia #1 Piles	BIA-SUA	77	Thining
Barnesville #7 Piles	BIA-SUA	35	Thining
Barnesville #2 Piles	BIA-SUA	35	Thining
East Garcia #4	BIA-SUA	20	Mowing
East Garcia #4 Piles	BIA-SUA	8	Thining
East Garcia #3	BIA-SUA	19	Mowing
East Garcia #3 Piles	BIA-SUA	5	Thining
East Garcia #2 Piles	BIA-SUA	20	Thining
Swede #5	BIA-SUA	69	Mowing
Swede #5 Piles	BIA-SUA	37	Thining
Wetherill Fuelbreak	NPS-MVP	2	Thining
Mesa Top Loop Brush Removal	NPS-MVP	8	Thining
Cliff Palace/Balcony House	NPS-MVP	12	Thining
Chapin Mesa Maintenance	NPS-MVP	37	Thining
Column 2 Total		798	
Grand Total - Mechanical		10,998	

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Incident This table shows information taken from	Response all incidents in WildCAD Compute	Actions by which Durango r Aided Dispatching	Durango Dispatch was System.	Dispatch involved.
Unit	# of Incidents	Smoke Checks/ False Alarms	Misc. Includes SARs, Law Enforcement	
Archuleta County	8	0	1	
Dolores County	4	2	0	
La Plata County	15	5	0	
Montezuma County	22	8	1	
Mesa Verde National Park	12	6	0	
Southern Ute Agency	82	26	1	
Ute Mountain Ute Agency	92	23	0	
Durango Dispatch	0	0	5	
Columbine Public Lands (BLM/FS)	33	17	2	
Dolores Public Lands (BLM/FS)	73	26	0	
Pagosa Public Lands (BLM/FS)	45	11	1	
Total	386	124	11	

Grand Total of Incidents: 521

The DRC area Federal Agencies had 337 confirmed fire events (Wildfires and Wildland Fire Uses Fires).

MISC.* - DRC Response actions for non-fire events, other than Search and Rescue.

2006 Large Fires with Incident Management Teams Assigned

FIRE NAME	STATE	AGENCY	START DATE	CAUSE
Bear	CO	SUA	7/8/2007	Lightning
Goodman	CO	SJD	7/9/2007	Lightning

Wildland Fire Use (WFU)	Unit	Acres
Dead Horse	SJF	55.00
Lost Canyon	SJF	10.00
Total		65.00

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The Durango Dispatch zone has approximately 287 interagency red carded individuals to draw from for fire assignments. Out of these, approximately 81% percent actively participated in fire during 2007.

As of November 2007, Durango Dispatch processed 1,657 requests resulting in the mobilization of 4,156 personnel.

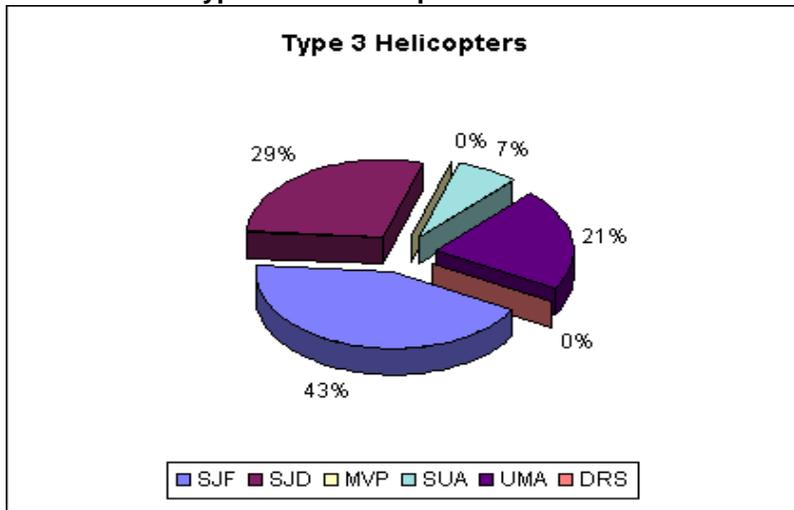
UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	
DRC	5	0	1	0	5	<p>External resources mobilized <i>into</i> the DRC Area This includes resources ordered to support fires and positioning to assist with severity.</p> <p>Total resources ordered were 168 for a total of 685 personnel.</p>
DRS	4	0	0	0	3	
MVP	12	1	0	0	3	
SJD	0	0	2	0	11	
SJF	19	10	9	0	8	
SUA	13	6	7	0	17	
UMA	15	4	3	0	10	
Total	68	21	22	0	57	
UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	
DRC	0	0	2	0	0	<p>This is a listing of all DRC resources mobilized to area and national events. This list does not include Emergency Equipment Rental Agreement vendors.</p> <p>Total resources ordered were 218 for a total of 802 personnel.</p>
DRS	17	8	0	0	0	
MVP	4	0	0	0	12	
SJD	36	1	0	0	0	
SJF	58	4	20	0	19	
SUA	3	4	0	0	0	
UMA	5	4	4	0	17	
Total	123	21	26	0	48	
UNIT	OVERHEAD	ENGINE/WT	CREWS	DOZER/TP	AIRCRAFT	
DRC	0	0	0	0	0	<p>Total resources mobilized to DRC Area Initial Attack</p> <p>Total resources dispatched for IA were 1,220 for a total of 2,565 personnel.</p> <p>(Additional 51 Resource Orders for 104 personnel to support Prescribed fires)</p>
DRS	95	64	4	3	10	
MVP	18	12	0	0	9	
SJD	45	53	0	0	20	
SJF	252	111	2	0	20	
SUA	98	114	7	1	27	
UMA	105	110	2	0	38	
Total	613	464	15	4	124	

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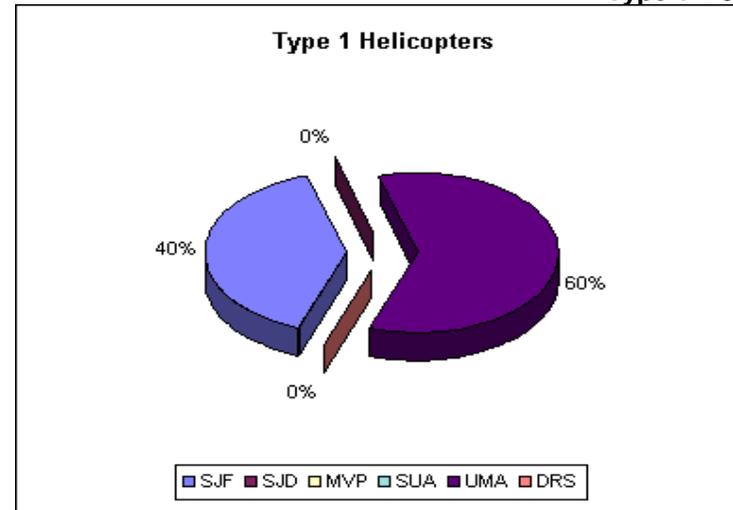
Home Unit	TAIL #	Hours	Passengers	Water	Cargo
		Flown	Delivered	Delivered	Delivered
CO-MVP	2LM (T3)	395.3	854	146,523 Gal.	101,242 Lbs
CO-UMA	9EV (T3)	195.9	670	127,500 Gal.	47,757 Lbs
CO-SJF	73H (T2)	299.7	1,277	632,192 Gal.	142,894 Lbs

All Helicopters used within Durango Dispatch Zone that were ordered on a Resources Order, listed by using agency and does not include the Helicopters above.

Type 3 = 14 Helicopters



Type 1 = 5



TYPE 3	
Using Agency	# Used
SJF	6
SJD	4
MVP	0
SUA	1
UMA	3
DRS	0



TYPE 1	
Using Agency	# Used
SJF	2
SJD	0
MVP	0
SUA	0
UMA	3
DRS	0

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2007 Durango Airtanker Base Annual Report

Durango Airtanker Base Info

- Flew 64 Missions
- Flew on 24 Fires
- 78,667 Gallons of retardant pumped

Airtanker 20 Info

Contract Duration 3/1-9/26/2007

- 1584 Hrs. Availability
- 36 Hrs. Unavailability
- **97.77% Available**
- 390.31 Hrs Flight Time
- 297 Hrs. Ext. Standby
- 536 Missions Flown
- Flew on 61 fires
- 1,312,208 Gallons of Retardant Delivered

Air Attack Orders:

- Total: 17

Lead Plane Orders:

- Total: 5

Single Engine Air Tanker (SEAT) Orders:

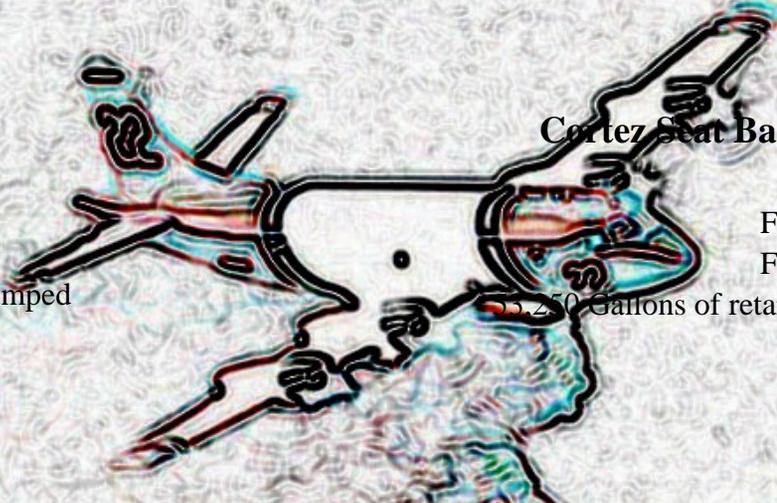
- Total: 33

Cortez SEAT Base Info

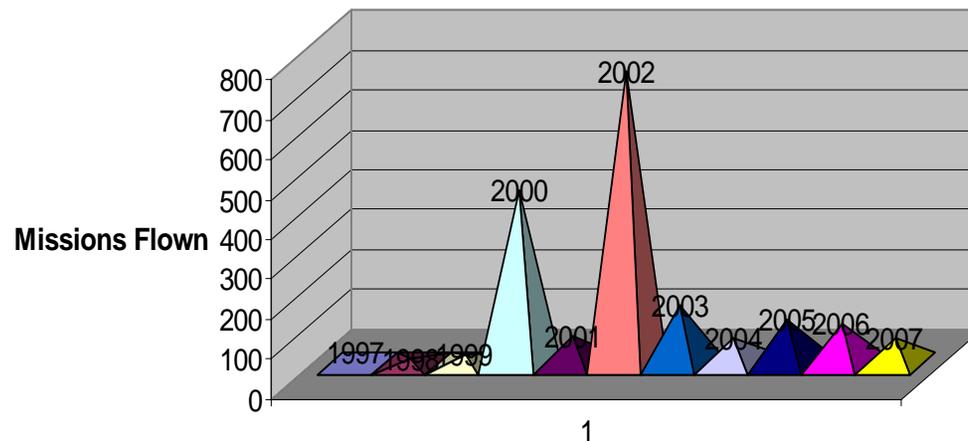
Flew 71 Missions

Flew on 23 Fires

55,250 Gallons of retardant pumped



ATB Historic Use



Avg/year Retardant Usage 329,558 Gallons

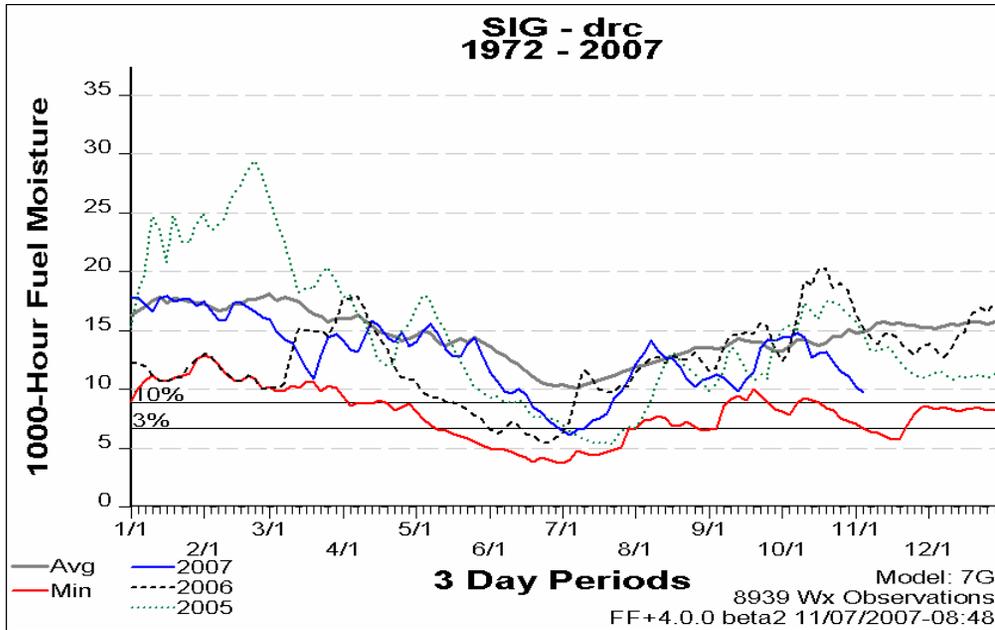
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The San Juan Interagency Hotshot Crew started the season on April 10th and concluded a safe and successful fire season on Oct. 12th. The crew worked on fires in North Carolina, Tennessee, New Mexico, South Dakota, Idaho, Colorado and Nevada. The crew also helped with the Tornado Recovery Assist in Greensburg, Kansas.



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1000 Hour dead time lag fuels - 3 to 8 inches in diameter dead fuels.



Energy Release Component - The total heat released per unit area within the flaming front at the head of a moving fire. Measured in British Thermal Units per square foot.

