



SALMON-CHALLIS NATIONAL FOREST

Annual Fire Report 2005



Introduction:

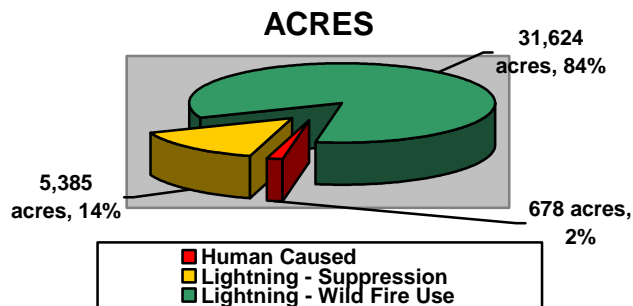
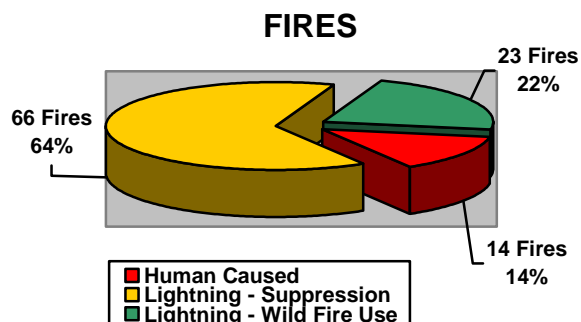
The fire season started off slower than average. During mid-season, a lightning bust of over 50 fires during a fire day period made up for about 1/2 of the fires for the year. mainly on WFU acres which rose alone by almost 10 times from last years WFU acreage total.

<u>2005</u>	<u>LIGHTNING</u>		<u>HUMAN</u>	<u>TOTAL</u>
	<u>Suppression</u>	<u>WFU</u>		
FIRES	66	23	14	103
ACRES	5,385	31,624	678	37,687

OTHER NOTABLE FIRE ACCOMPLISHMENTS

4 Assists to neighboring national forests

7 Assists to county cooperators (Within IA dispatch zone)



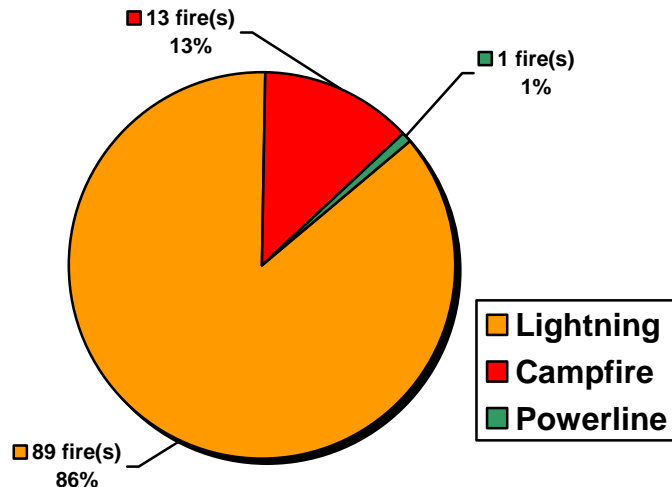
Averages

The table lists some statistics comparing the average annual acres burned and median acres burned over several periods. The number of fires has decreased slightly since peaking in the mid

	<u>YEARS</u>	<u>Average FIRES</u>	<u>Median Annual Acres</u>	<u>Average Annual Acres</u>
5 year	2000-2004	101	16,707	106,600
10 year	1995-2004	110	7,614	59,628
20 year	1985-2004	125	7,959	39,671
30 year	1975-2004	110	5,319	29,487

90's. The median acres reported annual has continued to climb throughout most selected periods. Recent period averages are heavily influenced by the 2000 fire season so the median provides a much better indication of "typical" seasons.

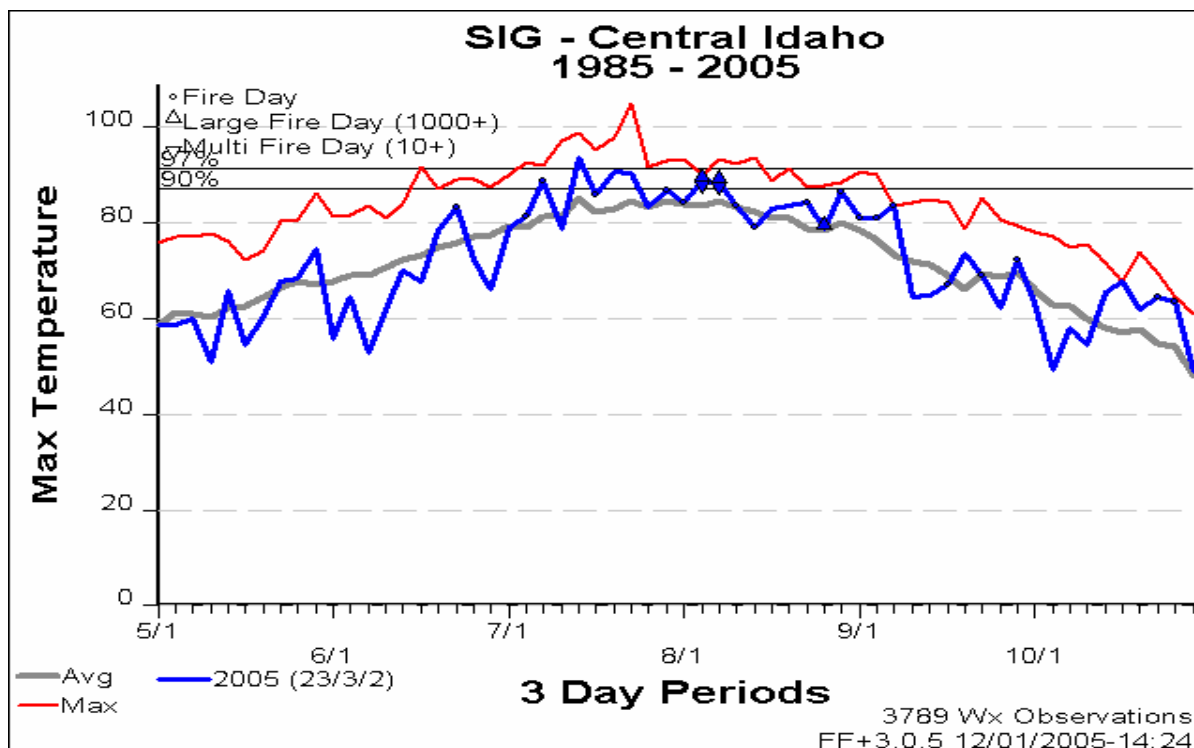
Fires by Statistical Cause

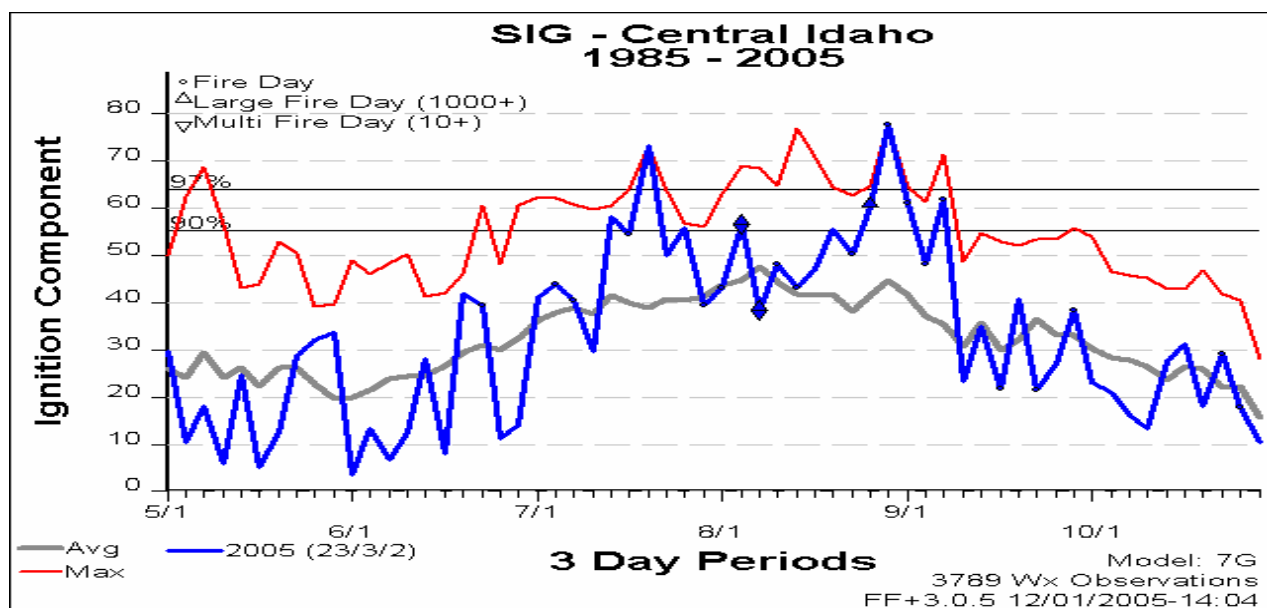
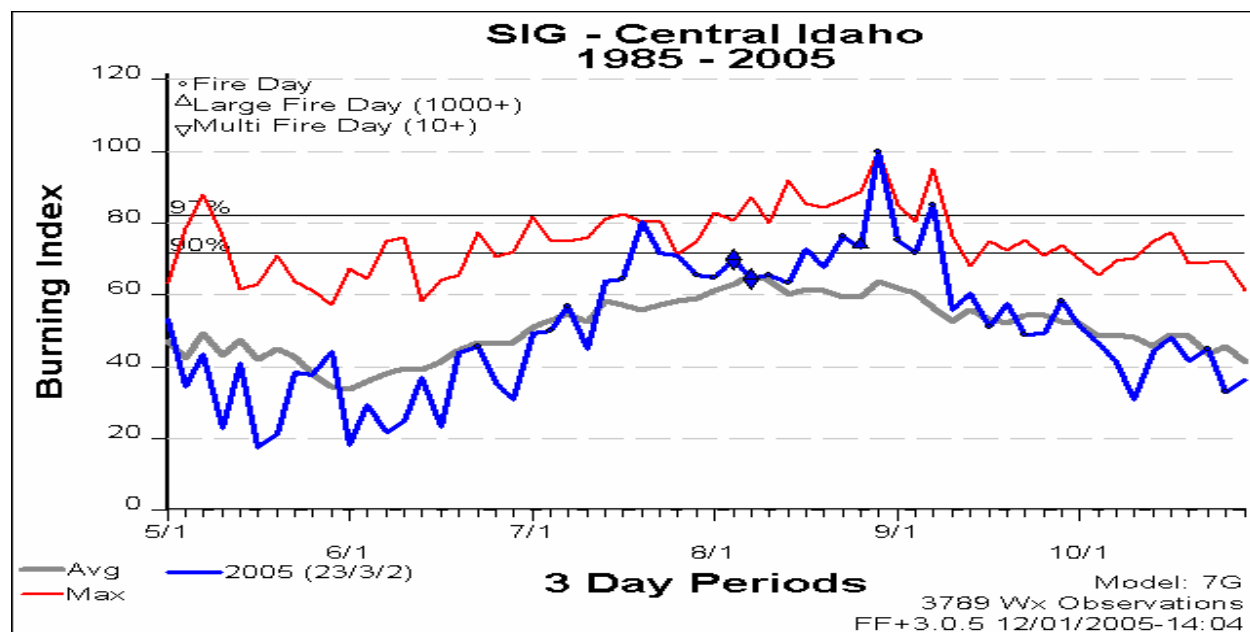
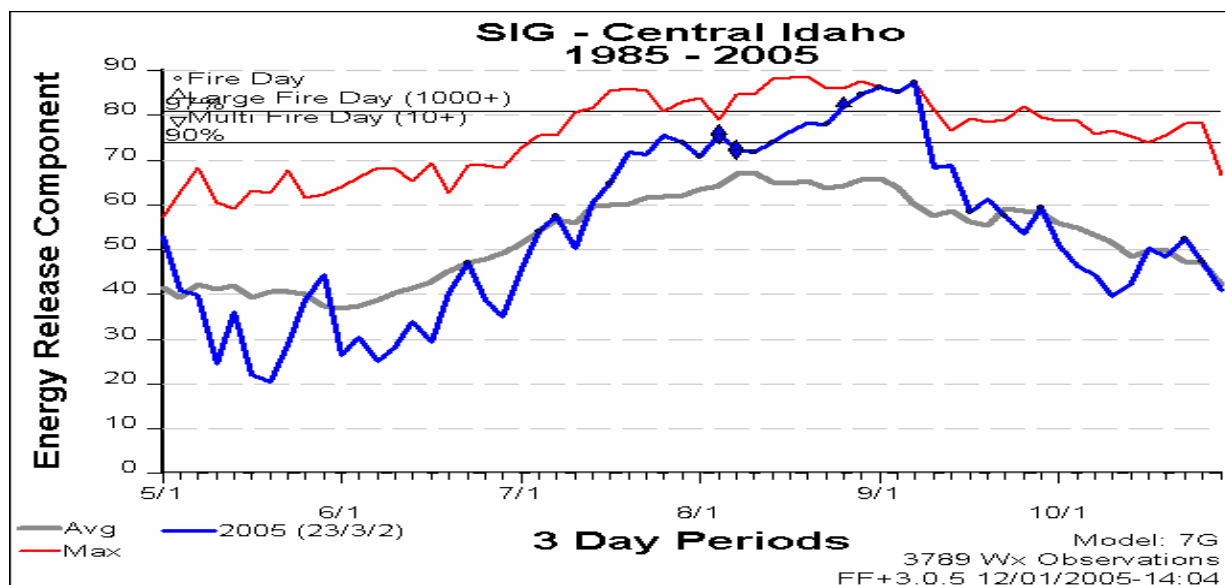


Type	Fires	Percent
Lightning	89	86
Equipment		
Smoking		
Campfire	13	13
Debris		
Powerline	1	1
Arson		
Children		
Misc/UNK		

Seasonal weather and severity

Central Idaho started with slightly below BI's ERCs. By Mid July, ERC & BI crept above normal, until mid September when weather conditions brought ERC and BI's to average conditions. In Early November a storm bringing snow to valley floor with several inches to the higher elevations.





Large Fires (100+ acres)

Salmon Challis Large Fires 2004

<u>NAME</u>	<u>IMT</u>	<u>ICS TYPE</u>	<u>FINAL SIZE</u>	<u>START</u>
Wild Horse	Marcroft	3	674	
Patterson	Haugh	3	1,185	August 29 th
Falls Creek	Belknap	3	1,350.	July 19 th
Hale Gulch	Brunner	2	2,643.	August 6 th
TOTAL	3		1,993	

Wildland Fire Use

The Salmon / Challis Forest managed 23 Wildland Fire Use (WFO) fires in the Frank Church Wilderness that involved a total of 2,962 acres managed for resource benefit.

<u>NAME</u>	<u>START DATE</u>	<u>OUT DATE</u>	<u>ACRES</u>
Elk Meadow	June 23 ^d	July 25 th	.25
Roaring Goat	July 29 th	August 29 th	.1
Papoose	July 29 th	August 29 th	10
Cliffside	July 29 th	August 29 th	.1
Golden	July 29 th	November 29 th	.1
Silver Moon	July 30 th	August 23 rd	2
Stoddard Lookout	August 6 th	August 29 th	.1
Stoddard Creek Point	August 6 th	October 31 st	4,775
Reynolds Lake	August 7 th	October 31 st	4,010
Goat Mountain	August 7 th	August 29 th	.1
Goat Mountain 2	August 7 th	August 29 th	.1
Hancock	August 7 th	August 29 th	.1
Bay	August 7 th	August 29 th	.1
Allen	August 8 th	August 8 th	.1
New Creek	August 8 th	August 23 rd	.1
Kitchen	August 8 th	August 29 th	.1
West Horse	August 8 th	November 14 th	.1
Mustang	August 8 th	October 31 st	1,040
Rattlesnake	August 8 th	August 29 th	.5
White Creek	August 9 th	November 29 th	480
Marble	August 10 th	October 31 st	425
South Fork Norton	August 17 th	November 29 th	480
Nine Shot	August 26 th	October 31 st	20,400
TOTAL	>>>>>>>>>>	23 Fires	31,623.95

Prescribed Fire accomplishment

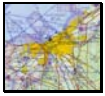
The Forest treated 3,160 acres with management-ignited burns in FY 2005.

BURN NAME	Treatment	ACRES BURNED	DISTRICT
Silver I	RX Burn	180	Salmon-Cobalt
Silver II	RX Burn	300	Salmon-Cobalt
Dutchler	RX Burn	250	North Fork
Basin Creek	RX Burn	2,350	Yankee Fork
Big Hill	RX Burn	50	Challis RD
Annies Gig	RX Burn	30	Yankee Fork
TOTAL (FY05)	6 Fires	3,160	

Source: USFS Fuels/ NFPORS

Contract Crews And Equipment

The forest hosted two type 4 contract crews during the 2005 season. National Crew contract items 19A , 19B, 10A. and 10B were filled with Ferguson crews.



Aviation

The Salmon Challis NF processed 1,420 invoices, holding on average the highest amount processed in Region 4

Overall, the Salmon-Challis NF transported 750 passengers and 40,000 pounds of cargo for fire and non fire missions for 2005 (CY).



Fixed-Wing`

Fixed-Wing Flight accounts for a great deal of transportation of recreational and fire detection flights on the Salmon-Challis. Three main vendors are utilized: In Salmon we have Salmon Air Taxi, and McCall Aviation. In Challis we have Middle Fork Aviation. About ½ of these flight schedules account for non-fire flights.

User	Crew & Pax	Cargo (LB)	Flight Hours	Flight Cost	Total Cost
Fire	332	5,575	359	115,211	127,101
Administrative	418	34,425	169	58,839	58,537
TOTAL	750	40,000	528	174,050	185,638

Rotor:

The Salmon Challis contracted two exclusive-use Type III helicopters, one Type II helicopter and hosted one national Type 2 helicopter for a total of four ships.

Helicopters transported 2,095 passengers and 477,92 pounds of cargo in 2005 (CY).

Helicopter	Personnel Transported	Cargo Transported (LB)	Water Dropped (Gal.)	Flight Hours	Flight Cost	Total Contract Cost
H-7NA Indianola	478	17646	20160	124.7	91143	385352
H-361 Moyer	409	60451	152642	152.4	192880	514520
H-6HE Challis	537	31080	10240	113.5	87353	352981
H-224HT National	671	368615	237845	190.3	222584	590984
Totals*	2,095	477,792	420,887	580.9	593,960	1,843,837

*Source: Managers Reports

Noteworthy instances of cooperation with other Federal agencies, States, industrial concerns, groups or individuals.

- **Interagency Local Type 3 team (1) for the Central Idaho Zone.**
- **Interagency Training Team.**

Personnel Employed on Wildfire Pre Suppression and Suppression Activities		Unit: Salmon -Challis Calendar Year 2005
	Subtotal	Total
1. Regular appointed personnel	15	
a. Full time fire management (20 pay periods or more)		
B. Part time fire management	33	
C. Others used on pre suppression sometime during the year	0	
D. Others used in suppression (excluding a, b, and c)	50	
E. Total (a + b + c + d)		98
2. Seasonal or short term personnel	39	
A. Regular fire control (crews, patrol, lookouts, etc..)		
B. Others (BD, KV, BR, R&T, etc.) Some time on fire work	30	
C. Emergency firefighters (exclude those under a or b)	180	
D. Total (a + b + c)		249
3. Total number of casuals employed on fire suppression (each reemployment counts as an employment)		219
4. Number of casuals (included in item 3) employed for the first time (an Estimate is adequate)	56	
5. Grand Total (1e + 2d + 3)		566

11. Form FS-5100-9, Land Ownership Protection Report

USDA-FOREST SERVICE						Calendar Year 2005			
LAND OWNERSHIP PROTECTION REPORT (Summary of acres by states)						Region R-4 Salmon Challis NF			
STATE	INSIDE FOREST SERVICE PROTECTION BOUNDARIES							S&P LAND PROTECTED by STATE and FS	National Forest Land Protected Others
	PROTECTED BY THE FOREST SERVICE								
	State and Private Land				Other Federal	N F Land	Total		
	Fee Basis	Offset Basis	Reimburse Suppression	Without Reimburse ment					
IDL			21,719		1,132,480	4,400,000	5,554,199		
Salmon/Challis NF									
Total			21,719		398,411	2,155,858	5,554,199		