



SALMON-CHALLIS NATIONAL FOREST

Annual Fire Report 2004

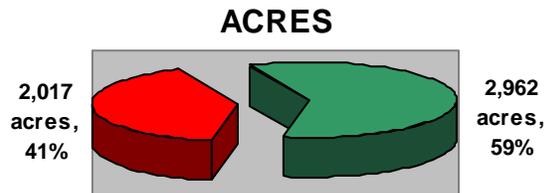
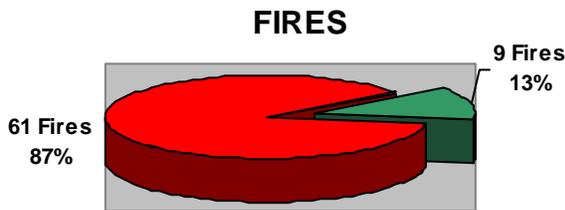


Introduction:

2004 was a relatively quiet year on the Salmon-Challis National Forest. 70 fires, for a total of 4,961 acres burned on the Forest.

2,964 acres burned in the Frank Church Wilderness of No Return. This represents approximately 40% of the total acreage. Nine fires were managed as Wild Fire Use Acres, accounting for 59% of acres burned, and the forest responded to 44 False alarms for 2004.

2004	LIGHTNING	HUMAN	TOTAL
FIRES	65	5	70
ACRES	4,951	9	4,961



■ Suppression - Regular ■ Wild Fire Use

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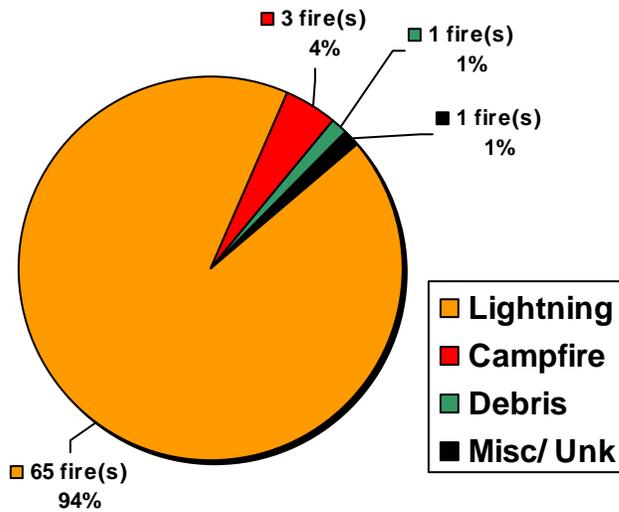
	Suppression - Regular	Suppression - WUI	Wild Fire Use	Confine Contain	OTHER > FIRES	Rural* Assist	Boundary Assist
FIRES	61	0	9	0		6	5
ACRES	2016.9	0	2961.7	0		27.2	N/A

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 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.

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

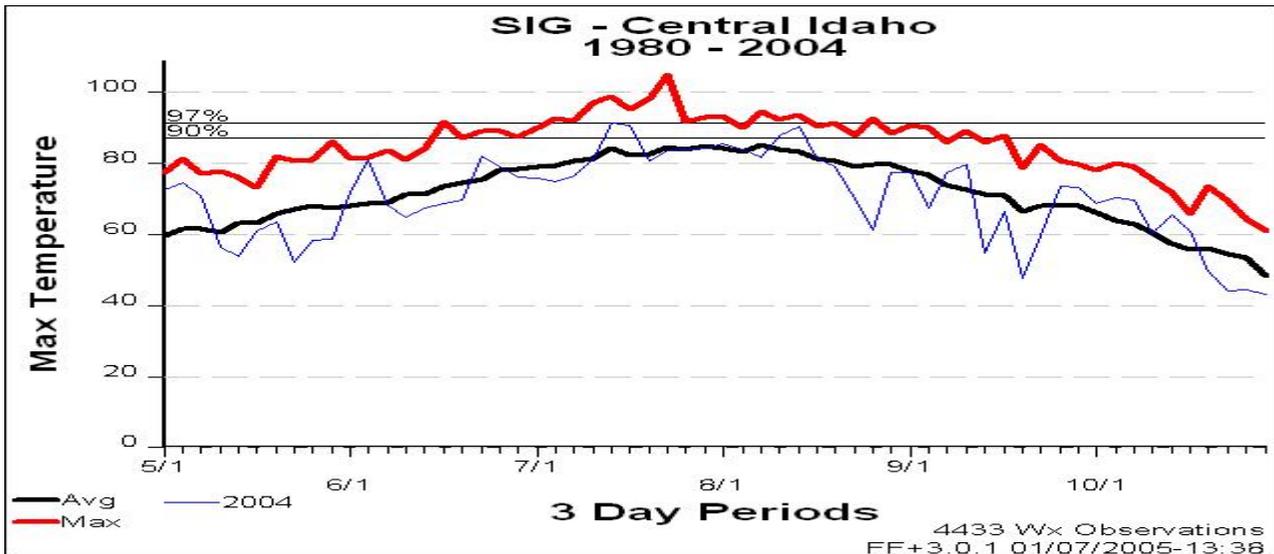
Fires by Statistical Cause

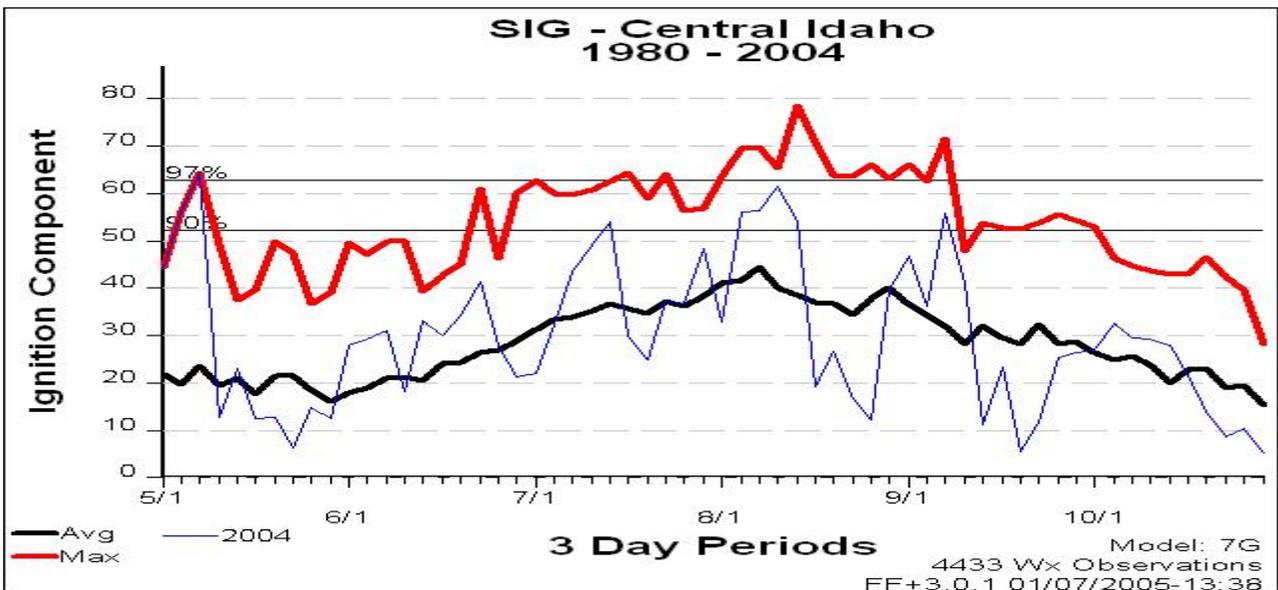
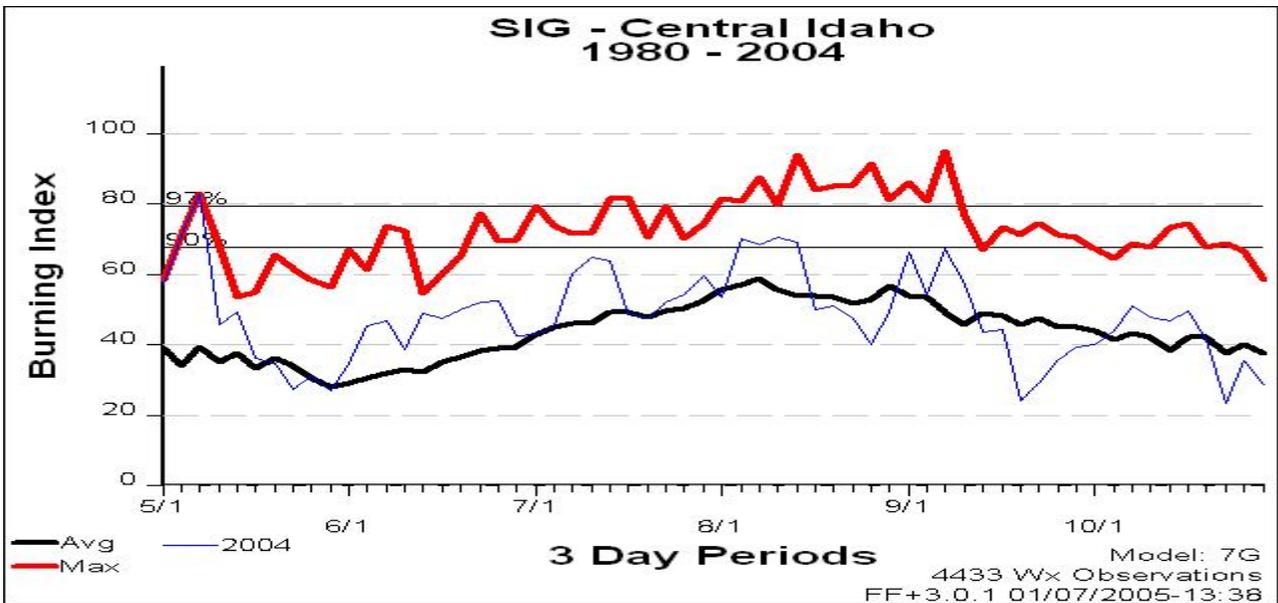
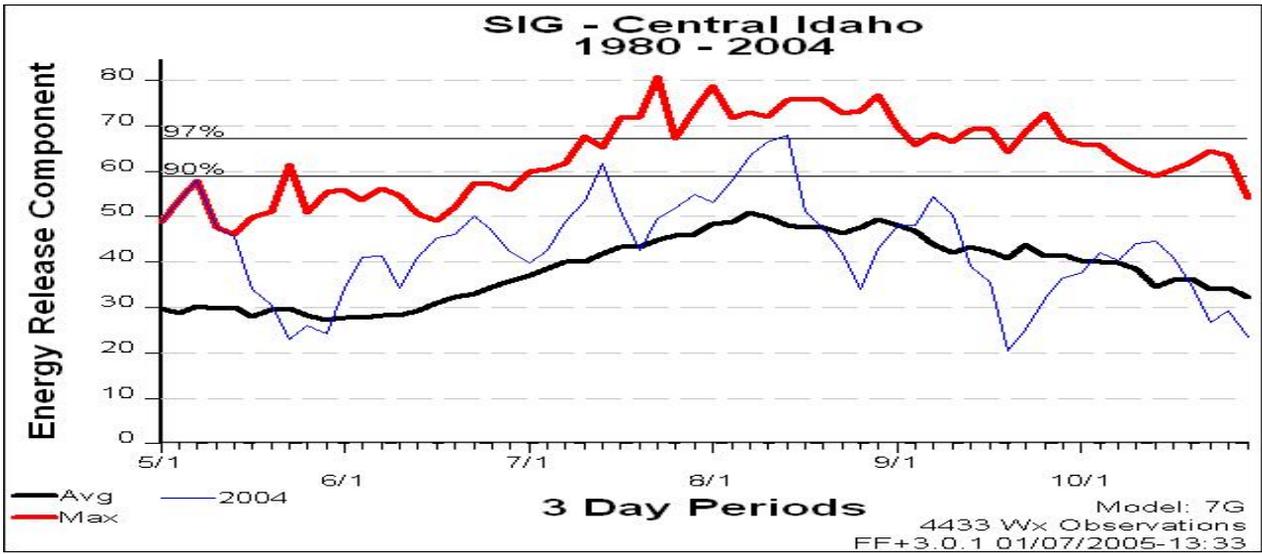


Type	Fires	Percent
Lightning	65	94%
Equipment	0	
Smoking	0	
Campfire	3	4%
Debris	1	1%
Railroad	0	
Arson	0	
Children	0	
Misc/UNK	1	1%

Seasonal weather and severity

Central Idaho started with record setting ERC's and BI's in Early May. By Mid-May to early June cooler temperatures and precipitation settled in for below normal conditions. July and August saw above normal indices, but with fewer lightning episodes, fewer lightning fires were detected throughout the season. Periodic rain storms through the summer with RAWs stations reporting slightly above normal precipitation.





Large Fires (100+ acres)

Salmon Challis Large Fires 2004

NAME	IMT	ICS TYPE	FINAL SIZE	START
Cabin Creek	Bruner	Type 2	783	July 15th
Corn	Saleen	Type 2	205	Aug 1st
Bear Springs	Broyles	Type 2	1005	Aug 3rd
TOTAL	3		1,993	

Wildland Fire Use

The Salmon / Challis Forest managed 9 Wildland Fire Use (WFU) fires in the Frank Church Wilderness that involved a total of 2962 acres managed for resource benefit.

NAME	START DATE	ACRES
Range	August 21 st	.1
Lake	August 17 th	.1
Rattlesnake	August 16 th	.1
South Kitchen	August 8 th	80
Sulphur	July 30 th	.1
Crane	July 18 th	.1
Porter	July 17 th	2911
Red Peak	July 17 th	.1
Scratch	July 1 st	.1
TOTAL	9	2991.7

Prescribed Fire accomplishment

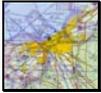
The Forest treated 6,967 acres with management-ignited burns in 2004.

BURN NAME	BURN TYPE	ACRES BURNED	DISTRICT
Annie's Gyg	Broadcast	30	Challis
Basin Creek	Broadcast	2,783	Yankee Fork
Buck-n-Bird	Broadcast	0	Lost River
Dutchler Basin	Prescribed	375	North Fork
Broad Canyon	Pile & Burn	200	Lost River
Phi Kappa	Pile & Burn	2000	Lost River
North Fork Creek Summit	Pile & Burn	200	North Fork
Mosquito Flats	Pile & Burn	250	Challis
Bradley Scout Camp	Pile Burn	150	Yankee Fork
Cinnabar Aspen	Pile Burn	80	
Basin Firewood	Pile Burn	80	Yankee Fork
Yankee Fork Firewood	Pile Burn	70	Yankee Fork
Bonanza Firewood	Pile Burn	30	Yankee Fork
Bay horse Slash	Pile Burn	20	Yankee Fork
North Zone Pile Slashes	Pile Burn	20	
Silver Creek I	Prescribed	379	Salmon-Challis
Big Hill	Prescribed	0	Big Hill
Silver Creek II	Prescribed	300	Salmon-Cobalt
TOTAL (FY04)	18	6,967	

Contract Crews And Equipment

The forest hosted two type 2 contract crews during the 2004 season. National Crew contract items 19A and 19B, filled with Ferguson crews. These crews were assigned to three local and no national assignments/ request. All crew ratings were returned with satisfactory level, with notations of positive work experience, but need improvement with crew physical conditioning and situational awareness in steep terrain.and to other units when requested.

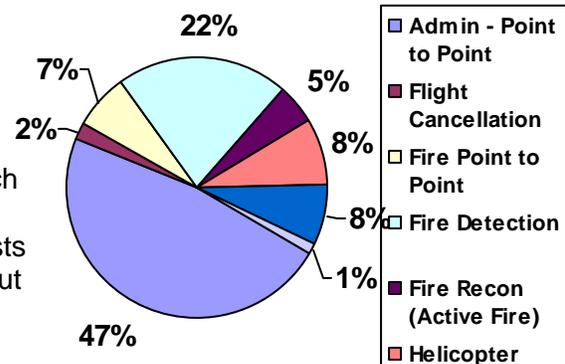
The Greyback National Contract Engines were used on one local assignment in 2004.



Aviation

The Salmon Challis NF processed 2,023 invoices, holding the highest for any unit in Region 4 since 1996 (FY).

The chart on the right shows the Central Idaho Dispatch use for flight following use request for 2004 (IA fire dispatches excluded). Approximately 300 flight requests were made to the dispatch aviation desk, of which about 50% were for point to point fixed wing flights.



Overall, the Salmon-Challis NF transported 3,240 passengers, and 398,943 pounds of cargo for fire and non fire missions for 2004 (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.

User	Crew & Pax	Cargo (LB)	Flight Hours	Flight Cost	Total Cost
Fire	211	4,000	376	\$109,622	\$ 123,444
Administrative	356	27,320	143.42	\$ 37,058	\$ 42,437
TOTAL	567	31,320	519.42	\$146,680.00	\$165,881.00

Rotor:



The Salmon Challis contracted two exclusive-use Type III helicopters, one Type II helicopter and hosted one national Type 2 helicopter.

Helicopters transported 2,673 passengers and 367,623 pounds of cargo in 2004 (CY).

Helicopter	Rappel Missions (operational)	Cargo Let-Downs	Personnel Transported	Cargo Transported (LB)	Water Dropped (Gal.)	Flight Hours	Flight Cost	Total Contract Cost
H-7NA Indianola	42	23	684	56,705	19,797	104.7	75,070	324,477
H-361 Moyer	14	19	618	46,430	29,424	75.4	91,686	401,513
H-6HE Challis	2	23	574	62,290	18,950	120.8	86,614	357,883
H-224HT National	0	0	970	125,093	97,419	139.1	147,637	512,951
Totals*	58	65	2,846	290,518	165,590	440	401,007	1,596,824

*Source: Managers Reports

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

Personnel Employed on Wildfire Pre Suppression and Suppression Activities	Unit: Salmon -Challis Calendar Year 2004	
	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 2004			
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		