



# SALMON-CHALLIS NATIONAL FOREST

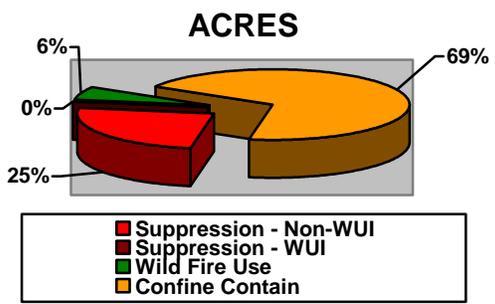
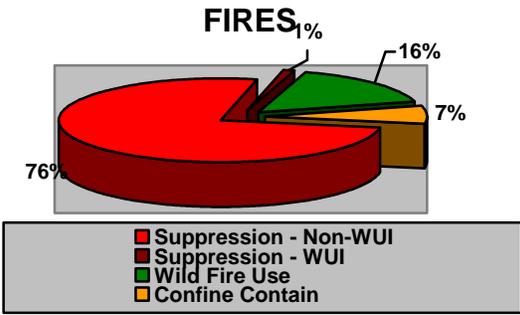
## Annual Fire Report 2006



### Introduction:

The Salmon-Challis NF had a below average number of fires, but experienced the third highest acres on record. On 8/7 and 8/8 the forest detected 27 fires during the two day period.

2006	TOTAL	LIGHTNING	HUMAN
FIRES	87	83	4
ACRES	82,433	82,432	1



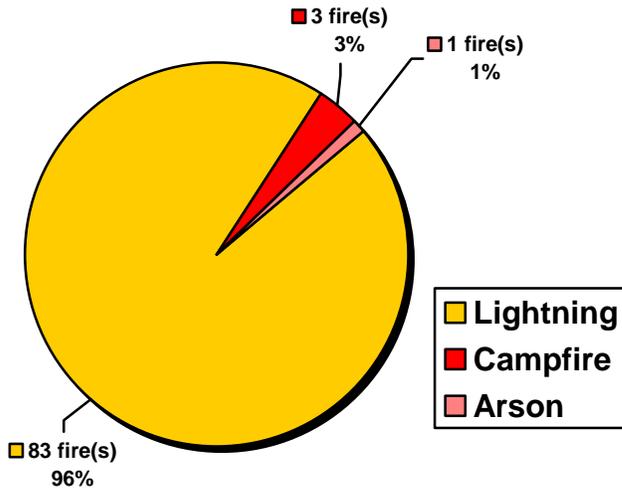
	Suppression - Regular	Suppression - WUI	Wild Fire Use	Confine Contain	OTHER ^ FIRES	Rural* Assist	Boundary Assist
<b>FIRES</b>	66	1	14	6		5	10
<b>ACRES</b>	20,293	0	5,198.35	56,942		105	N/A

### Trends

The table lists some statistics comparing the average annual acres burned and median acres burned over several periods. The median acres reported annual has continued to climb throughout most selected periods.

	YEARS	Average FIRES	Average Annual Acres	Median Annual Acres
<b>5 year</b>	2002-2006	96	40,294	37,687
<b>10 year</b>	1997-2006	106	67,920	21,297
<b>20 year</b>	1987-2006	124	42,912	9,459
<b>30 year</b>	1977-2006	112	33,649	7,411

**Fires by Statistical Cause** (Rounded to the nearest Percent)



Type	Fires	Percent
Lightning	83	96%
Equipment	0	
Smoking	0	
Campfire	3	3%
Debris	0	
Railroad	0	
Arson	1	1%
Children	0	
Misc/UNK	0	

**Large Fire Summary**

<b>Salmon Challis Large Fires 2006</b>			
<b>FIRE NAME</b>	<b>Start Date</b>	<b>Out Date</b>	<b>FINAL SIZE</b>
<b>Boundary Complex</b>			<b>0</b>
• Boundary	8-3-06	11-13-06	11,005
• North Elk	8-21-06	11-13-06	6,099
• Knapp 2	9-7-06	10-31-06	633
• East Elk	9-21-06	9-20-06	724
• Mountain Meadow	8-21-06	11-13-06	2,329
<b>Middle Fork Complex</b>			<b>0</b>
• Trail Creek	8-7-06	11-13-06	35,122
• Sheldon Peak	8-21-06	10-31-06	2,384
• Cub	8-8-06	10-31-06	3,908
• Woodtick	8-8-06	10-31-06	480
<b>Potato</b>	7-27-06	9-20-06	18,236
<b>Zane</b>	8-7-06	9-20-06	218
<b>Elkhorn</b>	7-20-06	9-21-06	1,002
<b>Garden Creek</b>	8-7-06	9-21-06	78
		<b>13 Fires</b>	<b>for 82,218 acres</b>

## Incident Management Team Summary

<b><i>Incident Management Teams</i></b>				
<b><u>FIRE NAME</u></b>	<b><u>IMT</u></b>	<b><u>ICS TYPE</u></b>	<b><u>Team Dates</u></b>	
			<b><u>1<sup>st</sup> Day</u></b>	<b><u>Last Day</u></b>
<b>Boundary Complex</b>				
• Boundary	Frank Cummings	ICT3	8-8	8-9
• North Elk	Jerry Brunner	ICT2	8-10	8-23
• Knapp 2	Larry Raley	ICT2	8-24	9-1
• East Elk	Kim Martins	ICT1	9-2	9-10
• Mountain Meadow	Paul Broyles	ICT1	9-11	9-15
	Beth Lund	ICT2	9-16	9-20
<b>Middle Fork Complex</b>				
	Larry Svalberg	FUMT	8-14	8-15 (+8-17)
• Trail Creek	Gary Cones	FUMT	8-16	8-28
• Sheldon Peak	Jay Perkins	FUMT	8-29	9-14
• Cub	Beth Lund	ICT2	9-15	9-19
• Woodtick				
<b>Potato Fire</b>	Ken Rogers	ICT3	7-27	7-28
<b>Zane Fire</b>	Nick Lunde	ICT2	7-29	8-6
	Paul Broyles	ICT1	8-7	8-22
	Bill VanBruggen	ICT2	8-23	8-26
	Larry Raley	ICT2	8-27	8-27
	Pat Davis	ICT3	8-28	10-31
<b>Elkhorn</b>	Ivan Smith	ICT3	7-20	7-23
	Nick Lunde	ICT2	7-23	7-28
	Dave Hade	ICT3	7-29	10-01
<b>Garden Creek</b>	Baines	ICT3	8-08	8-12
<b>TOTAL</b>		<b>13 Fires</b>		

## Wildland Fire Use Summary

The Salmon / Challis Forest managed 14 Wildland Fire Use (WFU) fires in the Frank Church Wilderness that involved a total of 10 acres managed for resource benefit.

<b><i>START DATE</i></b>	<b><i>NAME</i></b>	<b><i>ACRES</i></b>	<b><i>OUT DATE</i></b>
5/22/2006	Sleeping Deer	.1	6/27/06
6/27/2006	Loon Creek Point	.1	7/6/06
7/24/2006	Little Soldier	.1	9/20/06
8/10/2006	Big Baldy	.1	9/20/06
8/11/2006	Soldier	78	11/8/2006
8/21/2006	East Elk	724	9/20/2006
8/7/2006	Lost Lake	2	9/20/2006
8/7/2006	Thomas	.25	9/20/2006
8/7/2006	Deer	5	9/20/2006
8/7/2006	Thicket	.1	9/20/2006
8/8/2006	Cub	3,908	10/31/2006
8/8/2006	Norton	.1	9/20/2006
8/8/2006	Elkhorn 2	.5	9/20/2006
8/9/2006	Woodtick	480	10/31/2006
<b>TOTALS</b>	<b>14 fires</b>	<b>5,198</b>	

# Prescribed Fire Summary

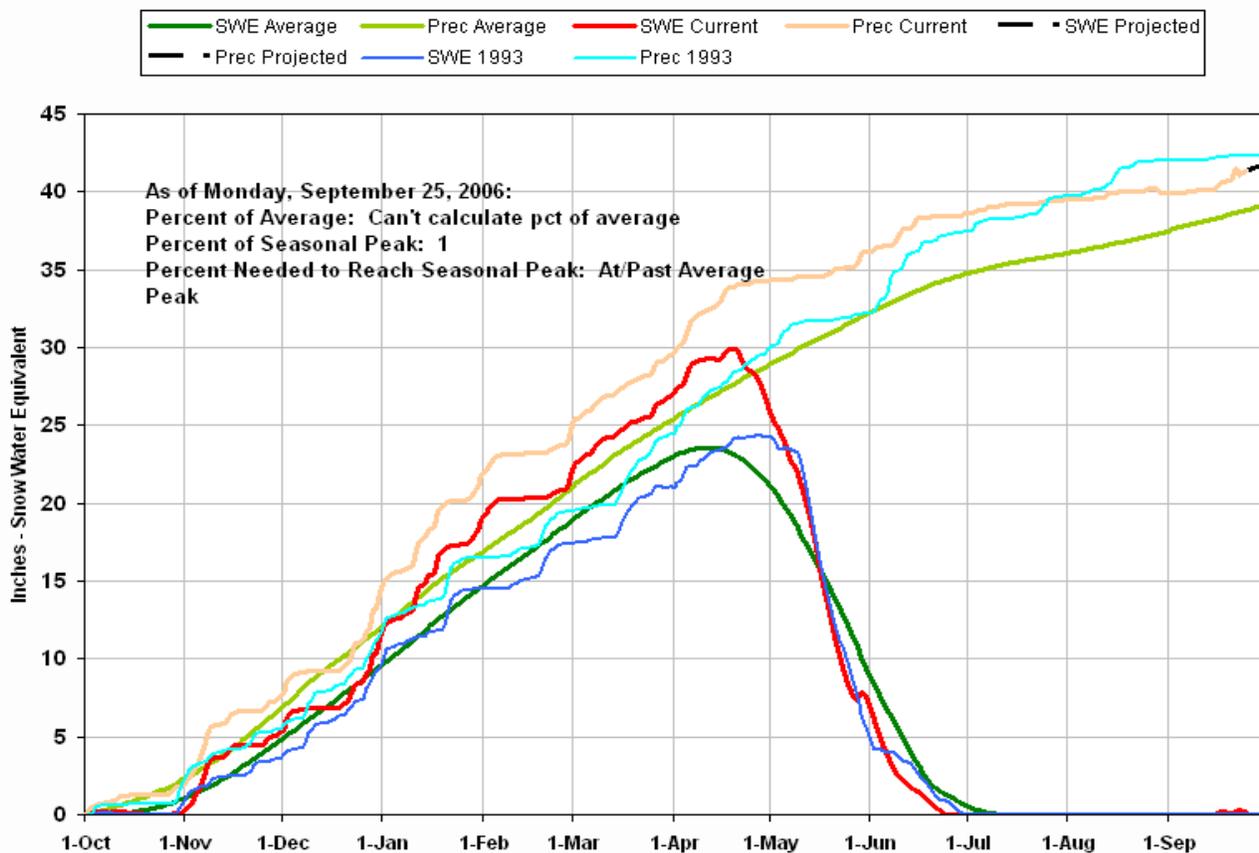
The Forest treated 9,568 acres on 10 management-ignited burns in 2006.

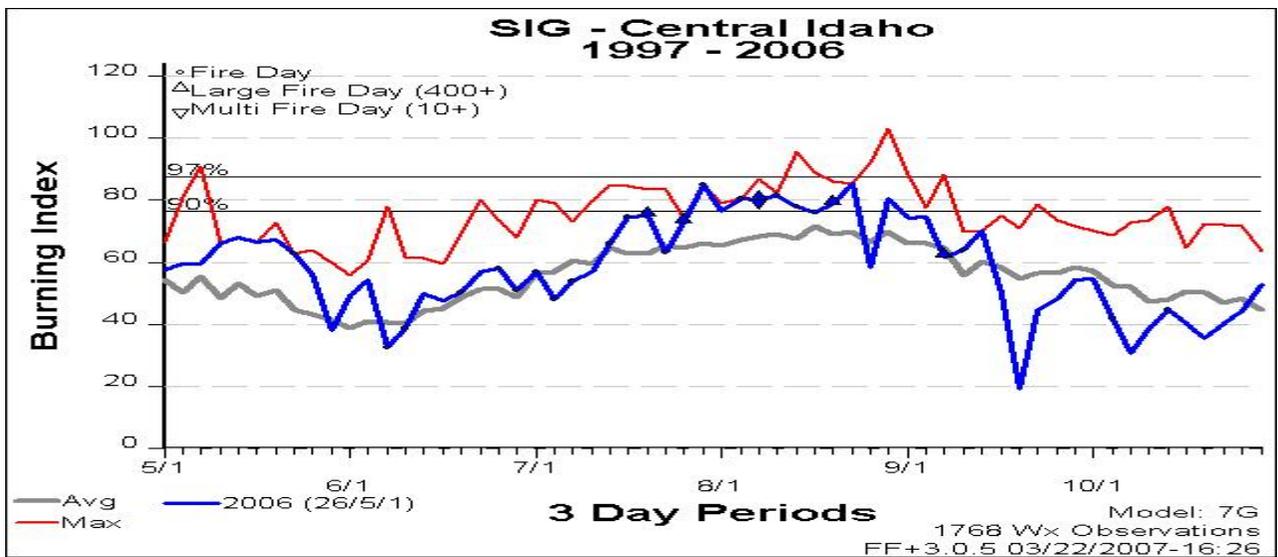
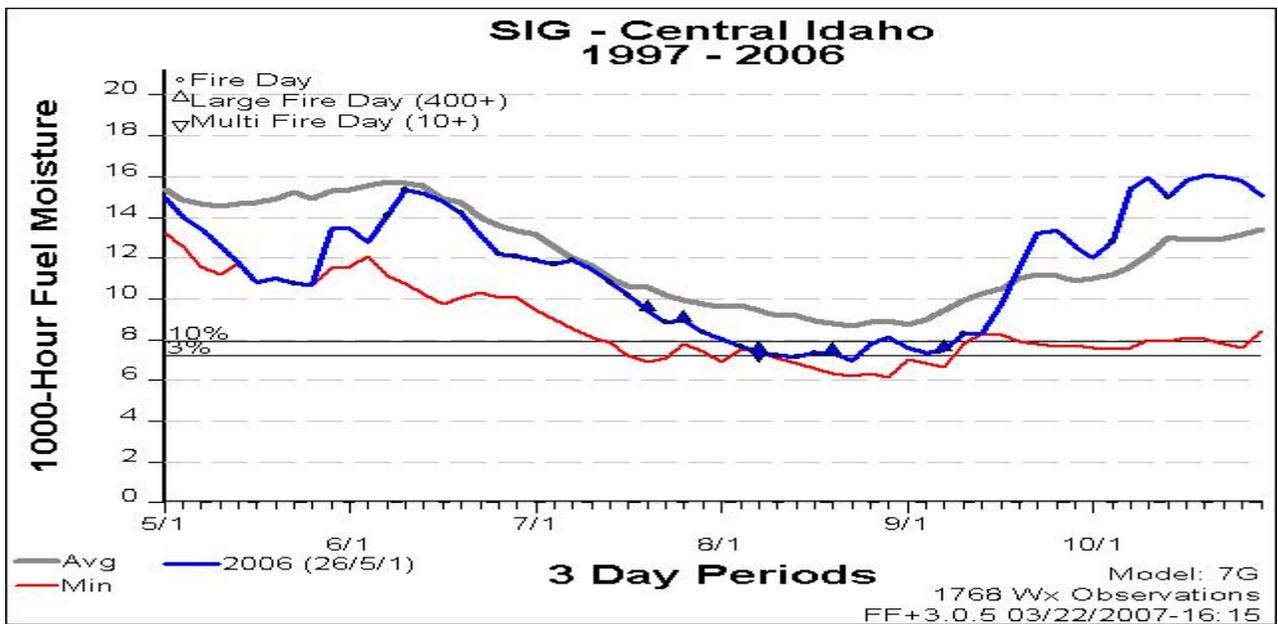
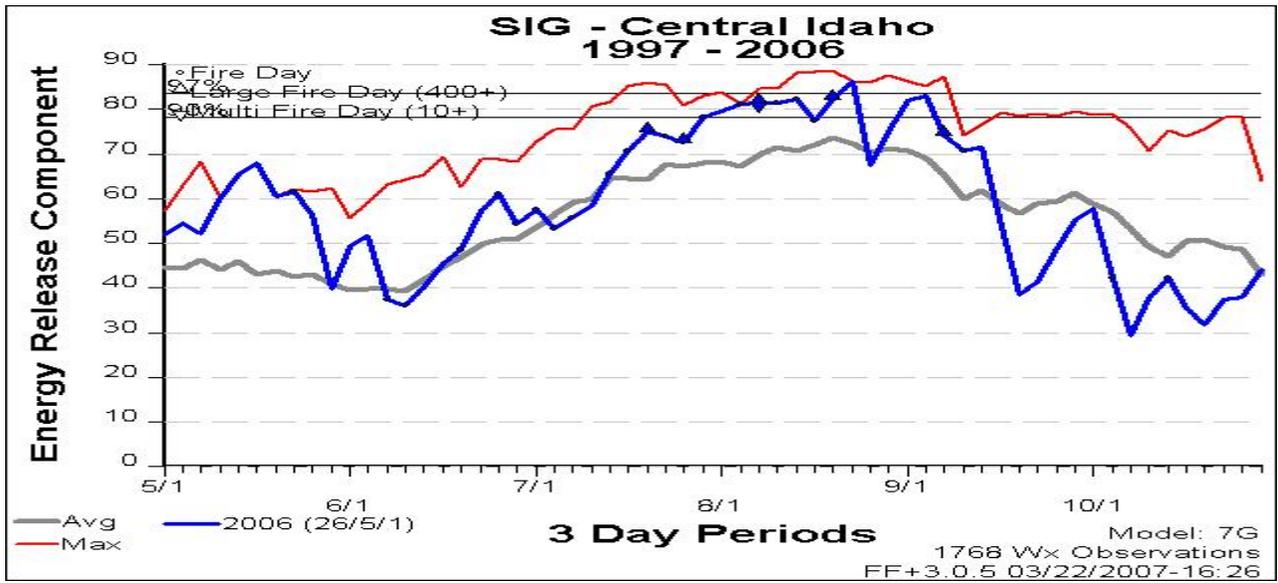
<i>BURN NAME</i>	<i>BURN TYPE</i>	<i>ACRES BURNED</i>	<i>DISTRICT</i>
North Zone Pile Burns	Pile Burn	136	--
South Zone Pile Burns	Pile Burn	489	--
Stanley Interface RX	Prescribed	40	Yankee Fork RD
Bear Trap	Prescribed	53	North Fork RD
Herd Creek	Prescribed	4,800	Yankee Fork RD
Eddy Basin	Prescribed	200	Challis RD
Silver Creek	Prescribed	700	Salmon-Challis RD
Basin Creek	Prescribed	2850	Yankee Fork RD
Boulder Basing	Prescribed	275	North Fork RD
Misc Pile Burn	Pile Burn	25	--
<b>TOTALS: 10 RX Fires 9,568 Acres</b>			

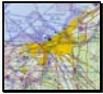
## Seasonal Weather and Severity

Central Idaho had near normal indices for most of the year except May and August where slightly higher conditions existed for BI's and ERC's.

Salmon Basin 2006 Snowpack Graph (22 Sites)





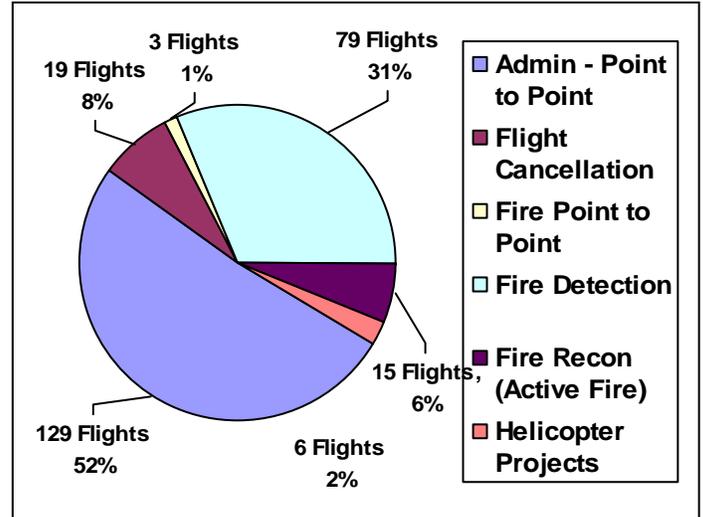


## Aviation

The Salmon Challis NF remains one of the top three units for processed flight invoices. Overall, the Salmon-Challis NF has declined about 1,000 invoices compared to 2003.

The chart on the right shows the Central Idaho Dispatch use for flight following use request for 2006 (IA fire dispatches excluded). 260 flight requests were made to the dispatch aviation desk, of which 52% were for point to point non-fire fixed wing flights.

Overall, the Salmon-Challis NF resources transported 4,588 passengers and 740,490 pounds of cargo for fire and non fire missions for 2006.



### 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	164	6575	247.09	\$76,410	\$78,618
Administrative	360	34,810	180.78	\$56,435	58,095
<b>TOTAL</b>	<b>524</b>	<b>41,385</b>	<b>427.87</b>	<b>\$132,845</b>	<b>136,713</b>



### Helicopter

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

Helicopters transported almost 4,000 passengers and 700,000 pounds of cargo in 2006 (CY).

Helicopter	Rappel Missions (operational)	Cargo Let-Downs	Personnel Transported	Cargo Transported (LB)	Water Dropped (Gal.)	Flight Hours	Flight Cost	Total Contract Cost
H401 (7NA Indianola – T3)	10	15	532	47,146	136,005	128.2	\$104,050	324,477
H-405 (6HE) Challis – T3	28	14	728	100,705	26,274	182.5	\$143,150	357,883
H-402 (361) Moyer – T2	11	20	732	284,711	105,253	175.1	\$248,512	401,513
H-404 (224HT) National – T2	23	12	1,978	266,543	461,484	351.1	0	512,951
<b>Totals*</b>	<b>72</b>	<b>61</b>	<b>3,970</b>	<b>699,105</b>	<b>729,016</b>	<b>837</b>	<b>\$495,712</b>	<b>\$1,596,824</b>

\*Source: Managers Reports  
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## **Idaho Fish & Game**

Idaho Fish & Game for flight following flight represent a large portion of dispatch aviation activity for the year. This is done under an agreement between the Forest, Salmon BLM and Idaho Fish and Game.

<i>Start Date</i>	<i>Project Name</i>	<i>Days Flight Followed</i>
01/23/2006	F&G Telemetry Flights	79
01/25/2006	F&G Big Game Survey	27
02/18/2006	F&G Payette Big Game	1
06/09/2006	F&G Elk Capture	5
07/17/2006	F&G SMN-79U	1
09/05/2006	Chinook Salmon Spawning	2
09/07/2006	Salmon Redd Survey	5
12/06/2006	F&G Big Game Survey	8
<b>Total Days of Flight Following: 128 days</b>		

Personnel Employed on Wildfire Pre Suppression and Suppression Activities	Unit: Salmon -Challis Calendar Year <b>2006</b>	
	Subtotal	Total
1. Regular appointed personnel		
a. Full time fire management (20 pay periods or more)	20	
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)	103	103
2. Seasonal or short term personnel		
A. Regular fire control (crews, patrol, lookouts, etc..)	63	0
B. Others (BD, KV, BR, R&T, etc.) Some time on fire work	0	0
C. Emergency firefighters (exclude those under a or b)	180	0
D. Total (a + b + c)	449	449
3. Total number of casuals employed on fire suppression (each reemployment counts as an employment)	0	219
4. Number of casuals (included in item 3) employed for the first time (an Estimate is adequate)	56	0
5. Grand Total (1e + 2d + 3)		777

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

USDA-FOREST SERVICE							Calendar Year <b>2006</b>		
LAND OWNERSHIP PROTECTION REPORT (Summary of acres by states)							Region R-4 Salmon Challis NF		
STATE	INSIDE FOREST SERVICE PROTECTION BOUNDARIES								National Forest Land Protected Others
	PROTECTED BY THE FOREST SERVICE							S&P LAND PROTECTED  by STATE and FS	
	State and Private Land				Other Federal	N F Land	Total		
	Fee Basis	Offset Basis	Reimburse Suppression	Without Reimbursement					
Salmon/Challis NF	0	0	0	0	0	4,400,000	4,400,000		
	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0		
<b>Total</b>	0	0	0	0	0	4,400,000	4,400,000		