



# 2009-2010 Annual Report



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The winter of 2009 – 2010 marked the avalanche center's best season on record in both financial and operational terms. The Sierra Avalanche Center continues to function as a partnership between the Tahoe National Forest and a volunteer Board of Directors with 501(c)(3) not for profit organization status. This relationship continues to strengthen both operationally and financially while continuing to gain community support.

Some of the accomplishments from this past season include:

- The Board of Directors successfully raised \$92,781.68 to support the Sierra Avalanche Center's operating budget.
- The Tahoe National Forest provided \$6,847 in infrastructure support.
- The USDA Forest Service provided \$25,000 for forecaster salaries in the form of \$15,000 from Region 5 and \$10,000 from Region 4.
- The SAC website was accessed 372,551 times by 70,058 people from July 15<sup>th</sup> through April 26<sup>th</sup> representing a 50% increase over last year.
- A new record of 7,493 page loads in a single day was set on January 21, 2010.
- The Sierra Avalanche Center issued 155 daily avalanche advisories and four early season snow condition reports.
- The Sierra Avalanche Center implemented a new website with greatly improved observation sharing capabilities and data storage.
- The forecasters continued to strengthen their working relationship with the National Weather Service in Reno, local ski patrols, and other professional organizations.
- The Board of Directors added another paid observer to the team who was based in South Lake Tahoe.

We would like to extend our gratitude to everyone who has put forth time and effort to support the Sierra Avalanche Center.

Brandon Schwartz and Andy Anderson  
Forecasters  
Sierra Avalanche Center  
Tahoe National Forest

## Advisories

From November 21st through April 25th, the Sierra Avalanche Center issued 155 daily avalanche advisories. The number of advisories issued for each danger level was: 23 Low, 100 Moderate, 29 Considerable, 3 High, and 0 Extreme. Additionally, four early season snow condition reports were posted from October 12th through November 20th.

Advisories were available 24 hours a day, 7 seven days per week on the internet and by phone. The website experienced 372,551 page loads this winter. During the forecasting season from November 21st to April 26th, the website was viewed an average of 2,339 times per day with a record single day maximum of 7,493 page loads occurring on January 21st. The recorded phone message was accessed over 3,000 times. The total number of page loads increased by approximately 124,184 compared to last winter. An online archive of advisories can be found at: <http://www.sierraavalanchecenter.org/archive>.

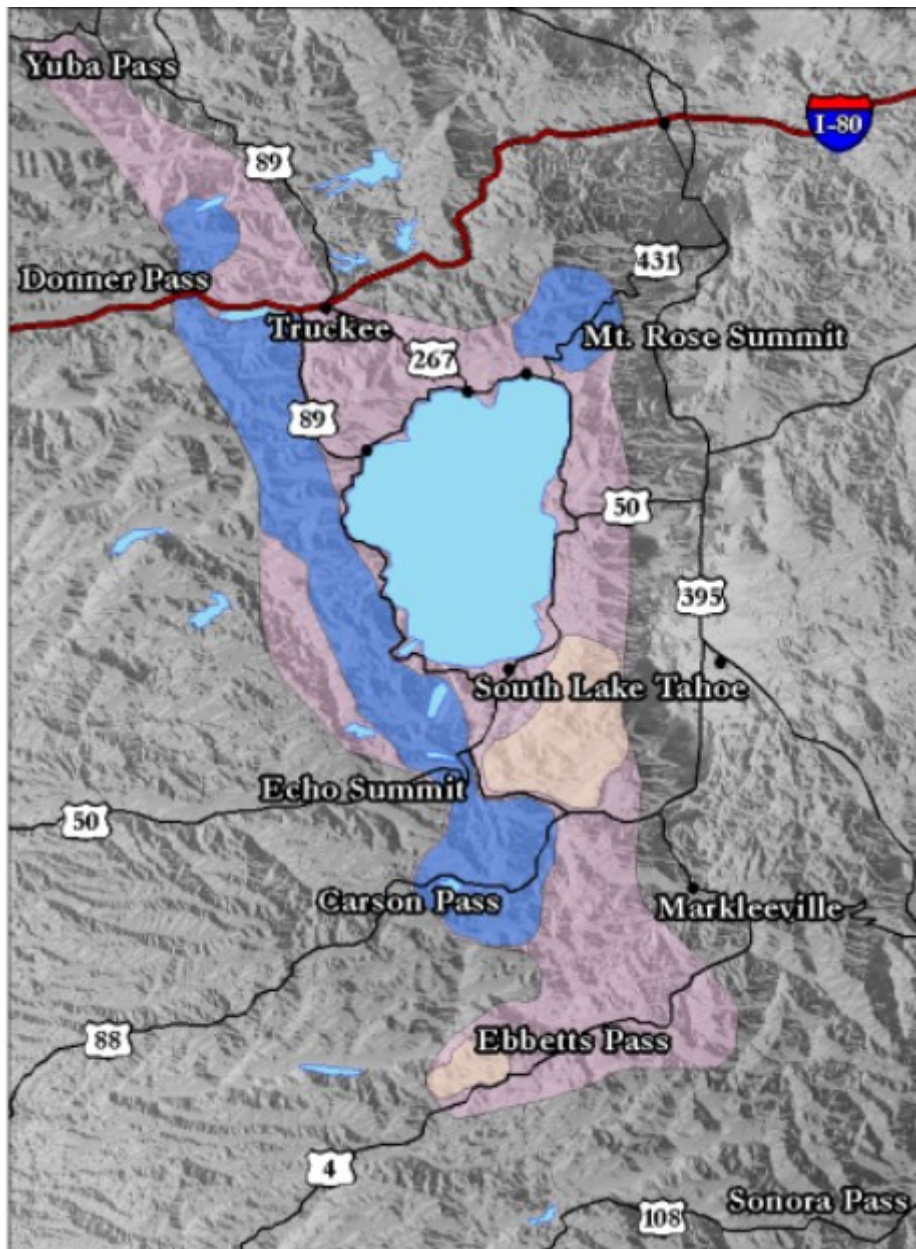


Skier triggered avalanche that occurred on 1/28/2009. Two skiers caught and one partially buried in the sidecountry near Sugar Bowl Ski Area, Mt. Lincoln, Donner Summit, CA. Photo: Brandon Schwartz.

## Advisory Area

The advisory area of the Sierra Avalanche Center covers approximately 1,500 square miles of the Central Sierra Nevada Mountains of California and Nevada. The advisory area is bound by Hwy 49 Yuba Pass on the north and Hwy 4 Ebbetts Pass on the south. The advisory covers the avalanche terrain along the Sierra Crest and extends to the eastern slope of the Sierra Nevada. Two inroads to the west side of the Sierra Crest exist within in the advisory area at Carson Pass and at Ebbetts Pass, in order to include the backcountry terrain surrounding the established boundaries of the Kirkwood and Bear Valley ski areas.

**Map of the Sierra Avalanche Center forecast area.**

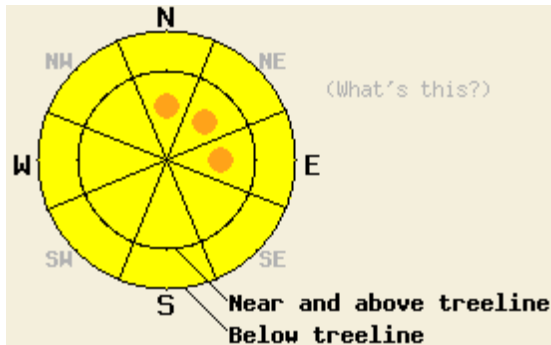




**Example Advisory published on Feb. 27<sup>th</sup> 2010**

This advisory was posted on 2010-02-27 and covers the Central Sierra Nevada Mountains between Yuba Pass on the north and Ebbetts Pass on the south. This advisory applies only to backcountry areas outside established ski area boundaries. This advisory describes general avalanche conditions and local variations always occur. The information in this advisory is provided by the USDA Forest Service who is solely responsible for its content.

**Advisory for 2010-02-27**



Near and above treeline, avalanche danger is **MODERATE** with pockets of **CONSIDERABLE** danger on N-NE-E aspects 35 degrees and steeper. Below treeline, avalanche danger is **MODERATE** on all slopes 35 degrees and steeper. Large destructive avalanches are possible today.

LOW	MODERATE	CONSIDERABLE	HIGH	EXTREME
SOME RISK: RECREATIONAL USE		DANGEROUS: EXPERT EVALUATION SKILLS NEEDED	VERY DANGEROUS: TRAVELING IN AND AROUND AVALANCHE TERRAIN NOT RECOMMENDED	

**Forecast Discussion:**

The significant storm system that passed to the south of the forecast area is winding down this morning. Cold front passage occurred in the Lake Tahoe Basin between 4 and 5 pm yesterday turning rain to snow. Southwest ridgetop winds have been steadily decreasing in speed post cold front passage and have become light this morning. Since 11 pm last night, air temperatures have shown a cooling trend and snowfall rates have tapered off significantly. The bulk of the new snow accumulation across the forecast area in the past 24 hours occurred between 5 and 11 pm yesterday. The Sierra Crest above 6,800' was targeted and spillover to the Carson Range was better than expected with 7 to 13 inches of new snow in areas north of Hwy 88 and 11 to 16 inches of new snow in areas south of Hwy 88. Continued snow showers with an additional 1 to 4 inches of new snow, light to moderate southwest ridgetop winds, and below freezing air temperatures are expected for today.

**Observations:**

Observations made yesterday on Elephant's Back (Carson Pass area) showed increasing SW winds with significant blowing snow occurring in near and above treeline areas by 10am. Snowpit data taken above treeline on a NE aspect at 9,200' indicated that snowpack failure and fracture propagation remained likely at the base of a wind slab within the old snow (photos, video, more info). Observations made on Tamarack Peak (Mount Rose area) also showed significant blowing snow during the early afternoon hours. Snowpit data collected in near treeline terrain at 9,900' on a N aspect 38 slope showed less evidence of snowpack instability and indicated unlikely fracture propagation within the Feb 19-24 snowfall layers (pit profile, more info).

### **Avalanche Concern #1:**

New [slabs](#) formed on a variety of aspects yesterday and overnight both above and below treeline. The fairly high water content of the new snow is expected to have formed cohesive slabs allowing for fracture [propagation](#) to travel significant distances today. The best widow for natural avalanche activity has already occurred, but human triggered avalanches large enough to bury or injure a person are expected to continue today. The greatest areas of instability are expected near and above treeline on recently [wind loaded](#) N-NE-E aspects. [Cross loaded](#) NW and SE aspects remain highly suspect as well.

### **Avalanche Concern #2:**

[Deep slab](#) avalanches are possible in areas where avalanche activity over the past week ([photos, more info](#)) did not remove the Feb 19-24 snow layers. Recent avalanche activity was noted to initiate within the Feb 24 storm snow and then step down to the base of the Feb 19 layer in many areas. This continued step down deep slab instability remains possible today as avalanches initiate within the new snow from the past 24 hours and then step down into deeper old snow layers. This will serve to increase the size and destructive potential of avalanches in areas where this occurs. The Feb 19 layer is anywhere from 2 to 4+ feet deep in the snowpack at this time.

The bottom line:

Near and above treeline, avalanche danger is [MODERATE](#) with pockets of [CONSIDERABLE](#) danger on N-NE-E aspects 35 degrees and steeper. Below treeline, avalanche danger is [MODERATE](#) on all slopes 35 degrees and steeper. Large destructive avalanches are possible today.

Brandon Schwartz - Avalanche Forecaster, Tahoe National Forest

### **Central Sierra Weather Observations for 2010-02-27:**

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0600 temperature at Sierra Crest (8,700 feet):	26 deg. F.
Max. temperature at Sierra Crest past 24 hours:	35 to 38 deg. F.
Average wind direction at Sierra Crest past 24 hours:	Southwest
Average wind speed at Sierra Crest past 24 hours:	60 mph
Maximum wind gust at Sierra Crest past 24 hours:	110 mph
New snowfall at 8,200 feet past 24 hours:	8 to 16 inches
Total snow depth at 8,200 feet:	85 to 121 inches

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**2 Day Mountain Weather Forecast starting 2010-02-27:**

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For 7000-8000 ft:

	2010-02-27:	Overnight:	The next day:
Weather:	Cloudy skies with snow showers.	Partly cloudy skies with a slight chance of snow showers in the evening.	Sunny skies.
Temperatures:	24 to 30 deg. F.	15 to 20 deg. F.	30 to 37 deg. F.
Wind direction:	SW	N	NE
Wind speed:	10 to 15 mph with gusts to 25 mph in the morning. Winds decreasing to 10 mph or less by afternoon.	Around 10 mph.	Around 10 mph in the afternoon.
Expected snowfall:	1 to 3 in.	0 to trace in.	0 in.

For 8000-9000 ft:

	2010-02-27:	Overnight:	The next day:
Weather:	Cloudy skies with snow showers.	Partly cloudy skies with a slight chance of snow showers in the evening.	Sunny skies.
Temperatures:	20 to 25 deg. F.	18 to 23 deg. F.	22 to 28 deg. F.
Wind direction:	SW	NE	NE
Wind speed:	10 to 20 mph. Gusts to 35 mph in the morning decreasing to 25 mph by afternoon.	10 to 15 mph with gusts to 25 mph.	10 to 15 mph with gusts to 25 mph in the afternoon.
Expected snowfall:	2 to 4 in.	0 to trace in.	0 in.

## Field Observations

The avalanche center's formal program of avalanche, snowpack, and weather information gathering expanded again season. A new website allowed public and professional users to include video, photos, and maps in their observations. A marked increase in the number of observations provided by the public through the online submittal form to the website occurred during 2009-2010. These additional observations from the general public were used to increase the number of observations used in creating the daily avalanche advisories. Public feedback on the quality of the advisories was very positive.

Alpine Meadows, Central Sierra Snow Laboratory, Heavenly, Kirkwood, Mt. Rose, Squaw Valley, and Sugar Bowl submitted observations to the avalanche center on storm mornings with afternoon updates often submitted. Mountain Adventures Seminars, a guide service in Bear Valley, CA also shared its field observations with the avalanche center. This information, combined with observations submitted by the public, was an important supplement to the information gathered by forecasters Brandon Schwartz and Andy Anderson, as well as professional observers Steve Reynaud and Travis Feist.

The Board of Directors worked with Thin Air Motorsports to establish sponsorship of the avalanche center by Polaris Industries. Two brand new 2010 Polaris 800 Dragon RMK 164 snowmobiles were loaned to the avalanche center for the entire operating season. With these snowmobiles, the forecasters were able to make observations in high snowmobile use portions of the forecast area that are difficult to access on skis alone in a single day. These snowmobiles were also used to travel a cross country route between Carson Pass and Ebbetts Pass, allowing the forecasters to make field observations in both areas in a single day.



Splitboard broken by impact with a tree during a snowboarder triggered avalanche on Becker Peak, Echo Summit, CA. Two snowboarders caught, 1 partially buried. Photo: Kelley Rogers.



## 2009-2010 Snowpack, Storm and Avalanche Summary

2009-2010 started with early season snow in Oct. This early season snow sat on the shaded northerly aspects and weakened. By the time winter really got started in Nov., this early season snow had formed the Oct. 19th facet layer that varied greatly in distribution and strength. The Oct 19th facet layer remained active and accounted for several human-triggered and natural avalanches through December. Other shorter-lived persistent weak layers formed throughout the season during periods of cold, dry weather. Another weak facet layer from Feb. 19th accounted for another series of avalanches. Overall consistent moderate (6-20 inches) storms characterized the 2009-2010 season rather than the typical large Sierra storms. Even though these storms did not bring as much accumulation during a single event, they did occur more frequently than the usual storms. These frequent moderate storms brought enough snow to the forecast area to push the snowfall totals close to average for the 2009-2010 season. The storm snow weaknesses associated with these storms tended to last longer than ones formed in the larger more typical Sierra storms. These longer lasting weaknesses accounted for the majority of the avalanche activity this winter. For more details and a month by month breakdown of the winter snow and avalanche activity please see the table below.

### November 21 - November 30

Total Snowfall	Number of Storms	Dates of Storms (consecutive days of snow accumulation)	Storm Snowfall	Dates of Avalanche Cycles	Reported burials
19	3	11/21	9	11/21	
		11/23	1		
		11/28-11/29	10		

### December

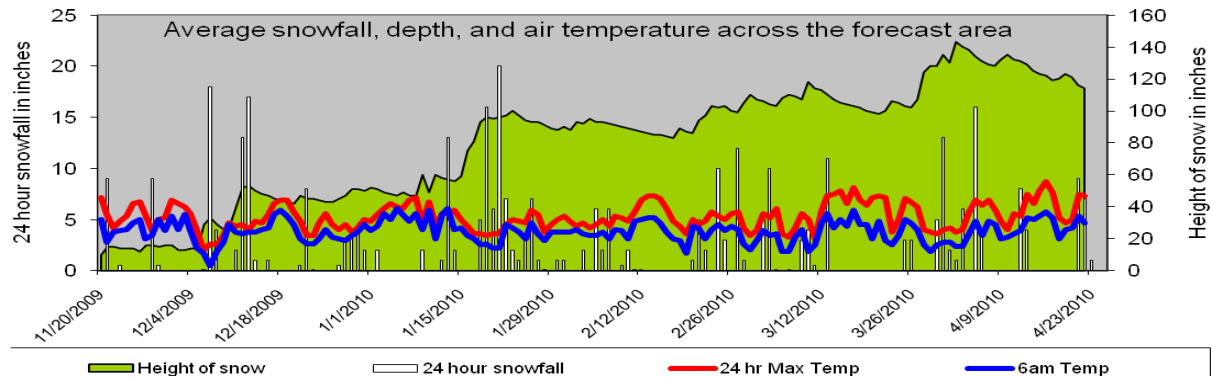
Total Snowfall	Number of Storms	Dates of Storms (consecutive days of snow accumulation)	Storm Snowfall	Dates of Avalanche Cycles	Reported burials
78	5	12/6-12/8	22	12/7	
		12/11-12/14	33	12/10-12/15	
		12/16	1	12/17	
		12/21-12/23	9		
		12/27-12/31	14	12/27-12/31	1 on 12/30 on Angora Peak

**January**      **94-101% of average**

<b>Total Snowfall</b>	<b>Number of Storms</b>	<b>Dates of Storms (consecutive days of snow accumulation)</b>	<b>Storm Snowfall</b>	<b>Dates of Avalanche Cycles</b>	<b>Reported burials</b>
90	5	1/2	2		
		1/9	2		
		1/12-1/14	16	1/11-1/14	
		1/18-1/28	68	1/18	
		1/31	2	1/20	
				1/22	
				1/24	
				1/26-1/28	1 on 1/26 that caught 3 people on Donner Peak- unconfirmed. 1 full burial on 1/26 on Mt. Rose. 1 full burial on 1/28 on Mt. Lincoln.
				1/31	

<b>February</b>		<b>100-109% of average</b>			
<b>Total Snowfall</b>	<b>Number of Storms</b>	<b>Dates of Storms (consecutive days of snow accumulation)</b>	<b>Storm Snowfall</b>	<b>Dates of Avalanche Cycles</b>	<b>Reported burials</b>
53	6	2/3	2	2/3/2010	
		2/5-2/7	14	2/5-2/8	
		2/9-1/12	2	2/12-2/13	
		2/20-2/22	8	2/16/2010	
		2/24-2/27	25	2/23-2/24	
		2/28	1	2/27-3/1	1 on 2/27 on Becker Peak, 1 on 2/28 on Ralston Peak, and 1 on 2/28 on Shalenberger Ridge

<b>March</b>		<b>89-99% of average</b>			
<b>Total Snowfall</b>	<b>Number of Storms</b>	<b>Dates of Storms (consecutive days of snow accumulation)</b>	<b>Storm Snowfall</b>	<b>Dates of Avalanche Cycles</b>	<b>Reported burials</b>
58	5	3/3-3/5	15	3/3-3/8	1 on 3/6 on Angora Peak.
		3/7	0.1	3/11-3/13	
		3/9-3/11	8	3/25	
		3/13	11	3/31	
		3/25-3/26	6		
<b>April 1 - April 25</b>		<b>88-91% of average</b>			
<b>Total Snowfall</b>	<b>Number of Storms</b>	<b>Dates of Storms (consecutive days of snow accumulation)</b>	<b>Storm Snowfall</b>	<b>Dates of Avalanche Cycles</b>	<b>Reported burials</b>
58	4	3/30-4/3	27	4/1-4/2	
		4/5-4/6	20	4/5-4/8	
		4/12-4/13	12	4/12-4/13	
		4/21-4/23	17	4/15	
				4/18	
				4/20-4/25	



## Board of Directors

The Sierra Avalanche Center operates as a partnership between a Board of Directors with 501(3)(c) not-for-profit status and the Tahoe National Forest. The mission of the Sierra Avalanche Center includes disseminating current snowpack stability information to the general public; providing educational information, knowledge, and understanding of avalanches to recreational users and groups; and facilitating communication in the region to reduce the impact of avalanches on recreation, industry, and transportation. The Board of Directors includes Justin Broglio (CEO), Bob Moore (Secretary), Randall Osterhuber (CFO), Dave Beck, Larry Heywood, Jeremy Jacobson, Chip Morrill, Jason Oelkers, Todd Offenbacher, Dave Paradysz, and John Swanson. The Advisory Committee to the Board of Directors includes: Cameron Bordner (Legal Advisor), Debby Broback, Phil Caterino, Jen Lees, and Don Triplat.

The Board of Directors is the financial backbone of the Sierra Avalanche Center. Through soliciting donations from the public and organizing/marketing fund raising events, they are the major source of funding for the Sierra Avalanche Center. Money raised by the Board of Directors covered approximately 56% of the operational costs for the Avalanche Center in 2009/2010. In past seasons, Board of Directors contributions have accounted for up to 95% of the avalanche center's annual operating costs when less USDAFS money was contributed. Through a collection agreement with the Tahoe National Forest, these funds pay for forecaster salaries and the costs of professional level continuing education. Additionally, the Board of Directors provides compensation for contracted professional observers and some equipment needs for the forecasters.



SAC Board Member Jeremy Jacobson scouts his line down from the Sierra Crest, Carson Pass, CA.

## **Financial Summary**

The Board of Directors successfully raised \$92,781.68 from the local community this season. These funds paid for 56% of the operating costs of the avalanche center including \$24,223 towards salaries for two Tahoe National Forest avalanche forecasters and \$12,740 for two contracted professional field observers. The Board of Directors of the Sierra Avalanche Center raised funds for the season through several different avenues including private donations, online donations, resort donations for the SAC Ski/Ride Days, and advertising. A complete annual profit and loss statement for the Sierra Avalanche Center is included at the end of this section. The remaining 44% of this year's operating funds were government contributions in the form of \$6,847 in infrastructure support from the Tahoe National Forest, \$15,000 in salary funding from USDA Forest Service Region 5 and \$10,000 in salary funding from USDA Forest Service Region 4.

The "Ski Days" continue to serve as the primary fund raising events for the Sierra Avalanche Center. The Board of Directors used their connections in the Tahoe ski industry to partner with seven ski resorts for these Ski Days. Each resort donated between 200 and 500 lift tickets for a specific day. The Board of Directors set a fixed public donation amount necessary to receive a lift ticket for the Ski Day as a thank you gift.

Backcountry ski gear and gift certificates donated by Backcountry Access, Black Diamond Equipment, Garmont USA, Porters Tahoe, and Voile USA were used as raffle prizes throughout the season. Several local organizations made cash donations to the avalanche center. The El Dorado Nordic Ski Patrol, Gotit! Real Estate and Development Corp., Mountain Adventure Seminars, Tahoe Adventure Film Festival, and Tahoe Nordic Search and Rescue were all significant contributors.

The Board of Directors encouraged donations from the general public via the website, by mail, or in person. The Board of Directors accepted cash, checks, and donations via credit card or electronic transfers through a PayPal donation link on our website. Through these avenues, the Board of Directors received 121 individual donations from the general public that totaled \$12,197. The average donation amount was \$100.80. On a smaller scale, the Board of Directors raised awareness for each of the SAC Ski/Ride Days and the possibility of online donations through donated advertising received from local newspaper stories, radio and TV public service announcements, local utility bill mailers, and through several online communities (i.e. – forums and discount websites).

### **Ski Resorts – SAC Ski/Ride Days Fundraisers – Details**

#### **Alpine Meadows Ski Resort**

- Donated 200 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$7,000.00



Bear Valley Mountain Resort

- Donated 200 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$840.00

Heavenly Mountain Resort

- Donated 200 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$9,000.00

Kirkwood Mountain Resort

- Donated 500 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$17,500.00

Mt. Rose – Ski Tahoe

- Donated 500 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$7,910.00

Northstar-at-Tahoe

- Donated 300 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$12,140.00

Sugar Bowl Resort

- Donated 500 adult all day lift tickets to be used by the Sierra Avalanche Center as fundraising incentives.
- Funds raised - \$17,500.00

**Fundraising partners and the services they provided:**

SnowBomb.com

- Primary e-ticketing partner. Donated their service to facilitate online lift ticket distribution for the SAC Ski/Ride Days.
- Through these services the Sierra Avalanche Center raised \$44,550.

Heavenly Professional Ski Patrol

- Pending cash donation from their annual fundraising party.

Porters Tahoe

- Cash donation of \$2,000. Product donation of \$1,000 for giveaway during SAC Ski/Ride Day fundraisers.

Thin Air Motorsports and Polaris Industries

- Full season loan of two Polaris Dragon RMK 800cc 164” snowmobiles. Donated all cost of service labor incurred during operating season.
- Estimated product and services value \$24,000.

Backcountry Access

- Product sponsorship. Donated product for giveaway during SAC fundraisers.
- Estimated product value \$2,000.

#### Black Diamond Equipment

- Product sponsorship. Donated product for giveaway during SAC fundraisers.
- Estimated product value \$270.

#### Garmont USA

- Product sponsorship. Donated product for giveaway during SAC fundraisers.
- Estimated product value \$1,000.

#### KTKE 101.5 Truckee and Tahoe's Independent Radio

- Product sponsorship. Donated services to broadcast the avalanche advisory and to advertise SAC fundraisers.
- Estimated product value \$3,000.

#### The Real Graphic Source

- Product sponsorship. Donated printing services to advertise SAC fundraisers.
- Estimated product value \$500.

#### Resort Sports Network

- Product sponsorship. Donated advertising services to advertise SAC fundraisers.
- Estimated product value \$3,000.

#### Voile-USA

- Product sponsorship. Donated product for giveaway during SAC fundraisers.
- Estimated product value \$570.



Retired USFS Winter Sports Specialist Bob Moore enjoying life as Secretary for the SAC Board of Directors. Photo: Bob Moore

**Sierra Avalanche Center**  
**Profit & Loss**  
September 1, 2009 through April 27, 2010

	<b>Sep 1, '09 - Apr 27, 10</b>
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
<b>Autumn fundraiser</b>	1,133.00
<b>CD Interest Earned</b>	108.38
<b>Deposit</b>	300.00
<b>Donation</b>	
<b>Alpine Mdws lift ticket sales</b>	7,000.00
<b>Alpine Mdws Ski Day cash</b>	171.00
<b>Donation thru mail</b>	12,245.44
<b>Kirkwood lift ticket sales</b>	17,500.00
<b>Kirkwood Ski Day cash</b>	184.00
<b>Mt. Rose Ski Day</b>	7,910.00
<b>Mt. Rose Ski Day cash</b>	271.00
<b>Northstar lift ticket sales</b>	12,140.00
<b>Online donation thru PayPal</b>	28,605.86
<b>Sugar Bowl Ski Day cash</b>	413.00
<b>Donation - Other</b>	4,800.00
<b>Total Donation</b>	91,240.30
<b>Total Income</b>	92,781.68
<b>Expense</b>	
<b>Bank service charge</b>	869.95
<b>Checks</b>	20.00
<b>Field Observations</b>	12,740.00
<b>Forecaster equipment</b>	1,253.54
<b>Insurance</b>	2,243.00
<b>Non-profit status fee</b>	
<b>Tax status filing fee</b>	
<b>Tax preparation</b>	654.90
<b>Total Tax status filing fee</b>	654.90
<b>Non-profit status fee - Other</b>	25.00
<b>Total Non-profit status fee</b>	679.90
<b>Office Supplies</b>	14.01
<b>Payroll</b>	32,051.00
<b>Processing fee</b>	926.00
<b>SAC Logo wear</b>	2,239.22
<b>Snowmobile equipment</b>	252.63
<b>TD Chamber of Commerce</b>	120.00
<b>Website development</b>	2,500.00
<b>Website server fee</b>	428.03
<b>Total Expense</b>	56,337.28
<b>Net Ordinary Income</b>	36,444.40
<b>Net Income</b>	36,444.40

## Extreme - Sponsors who donated more than \$3,000 to SAC



## High - Sponsors who donated between \$1,000 and \$2,999 to SAC



## Considerable - Sponsors who donated between \$500 and \$999 to SAC

**VOILE-USA**



Matthew  
Jacobs



## Moderate - Sponsors who donated between \$100 and \$499 to SAC

Start Haus	Jonathan Shefftz	Black Diamond Equipment	Mike Schwartz	Booker Bense
Julian Wixson	Martin Washburn	Lionel Naylor	Dean Bosche	Timothy Pfafman
Richard Winfield	Christine Dobrowolski	Karl Marlowe	Ann Dee Hafner	David Fiore
Joe Bittaker	Mark Hamilton	Bernard Rocca	Mark Baier	Dick Benoit
Jeff Hotchkiss	Bret Dezordo	Robert Bixler	Ryan Haverstock	Peter Czerpak
Anthony Rabinowitz	Roderick Beaton	David Reichel	Timothy Smith	Jacqueline Schwartz
Kevin Sawchuk	John Pfeister	Brandon Smith	Jamie Morgan	John McMurtry
Mark Champe	Brook Mancinelli	Cassie Elliott	Wesley MacLaggan	Shannon Patterson
Doug Fritz	Jim Crompton	Sean Osburn	Dale Armstrong	Julin Maloof
Victor Velton	The North Face	Paul Wisheropp	Daniel Switlick	James Powell
Eliza Wilmerding	Rod Georgiu	Huy Nguyen	Wesley King	Genti Cuni



LaVon Whipple	Bret Alexander	Jurgen Schwarzler	SF Backcountry Ski Section	Richard Judd
Alfred Hochstaedter	Gregory Barker	Trinka Gillis	Cynthia Lee	Philip Zeyliger
Scott Clark	Rick Davis	Mike Cox	Ney Grant	James Marsh
Friends of Hope Valley	Brian Grey	Douglas Bonelli	Pam Seidenman	Jennie Markoff
Stephen Horne	Anthony Guerrero	Jeanne Bonelli	Alan Ramadan	Peter Loer
Christopher Lochhead	Podium Productions	Joseph Maher	Jeff Volimas	Andrew Knust
Robert Bergstrom	Clinton Lazzari	Donna and Craig Rodenfels	Keith Young	Tod Francis
Dong Liu	Amisha Maharaja	Bobbie Morrison	Daron Rahlves	Liz Tucker
Lynne Reilly	Roger Yang	Melissa Cline		

## Low - Sponsors who donated between \$20 and \$99 to SAC

Alden Woodrow	Isaac Menashe	Kinetiq Apparel	Alex Herrera	Jacob Palmer
David Lamb	Ryan McCloskey	Cliff Lew	Michael Hawk	Jay Oshiro
Paul Turner	Don Cross	Larry Armstrong	Paul Nordquist	Sonia Diermayer
Bruce and Paula Farrenkopf	Tahoe Sierra Snowmobile Club	Ralph McNall	Donna Anderson	Christopher Czyz
Konrad Motzek				