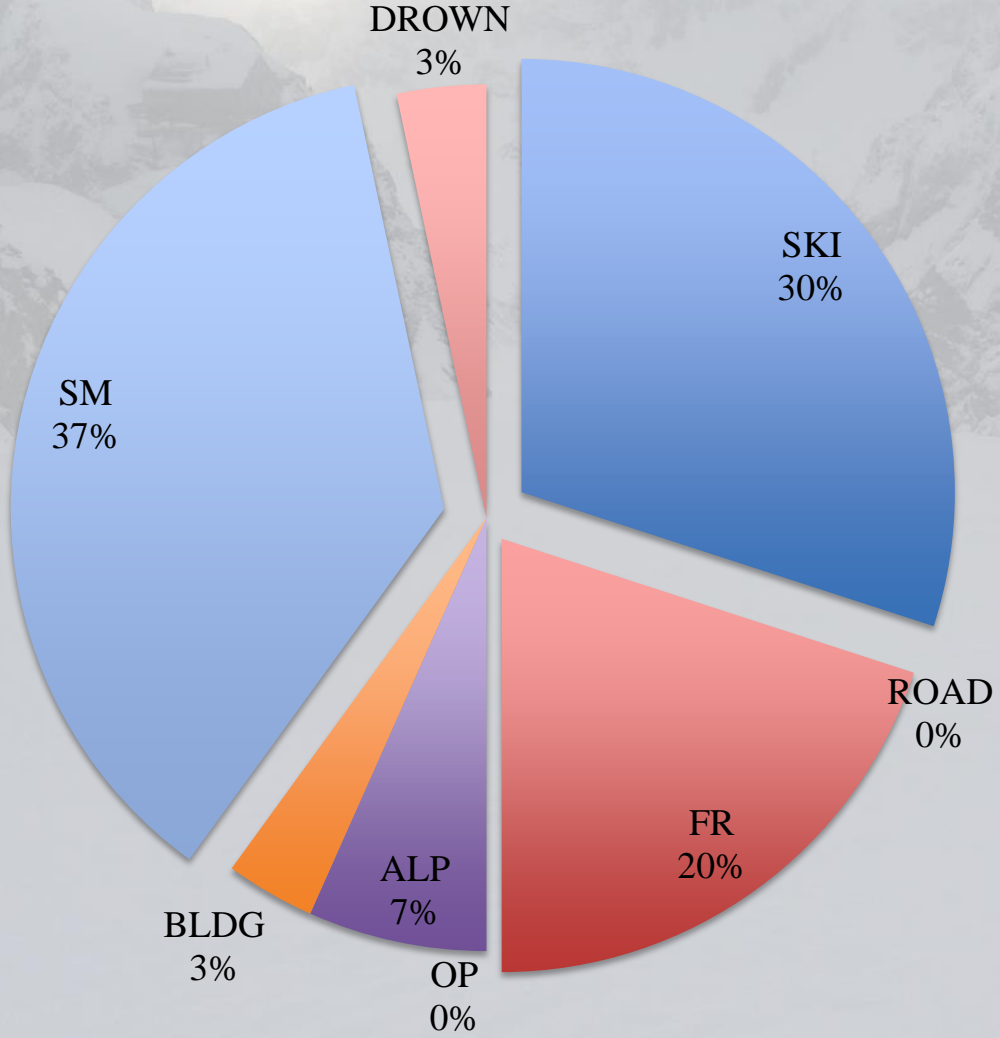


Avalanche Report United States of America

James Marc Beverly, PhD, IFMGA
USA Mountain Rescue Association

US Avalanche Fatality % by Activity 2015-16



- SM Snowmobile
- SKI BC skiing
- FR Freeride
- OP in bounds (on piste)
- BLDG building related
- ALP aplanist
- Drown
- Road

USA Avalanche Fatality by Activity Total 2015-16



SM	Snowmobile	OP	in bounds (on piste)	Drown
SKI	BC skiing	BLDG	building related	Road
FR	Freeride	ALP	aplinist	

Organization: CAIC

Location: Cottonwood Pass, CO

Date: 2016-02-05 4:00 pm

Snowpit depth: 103 cm

Lat/Lng: 38.81632, -106.41426

Observer: Ian Hoyer

Snowpack depth: 103 cm

Elevation: 3,730 m

Wind: Moderate, 315° NW

Slope: 36°

Blowing snow: Moderate

Aspect: 87° E

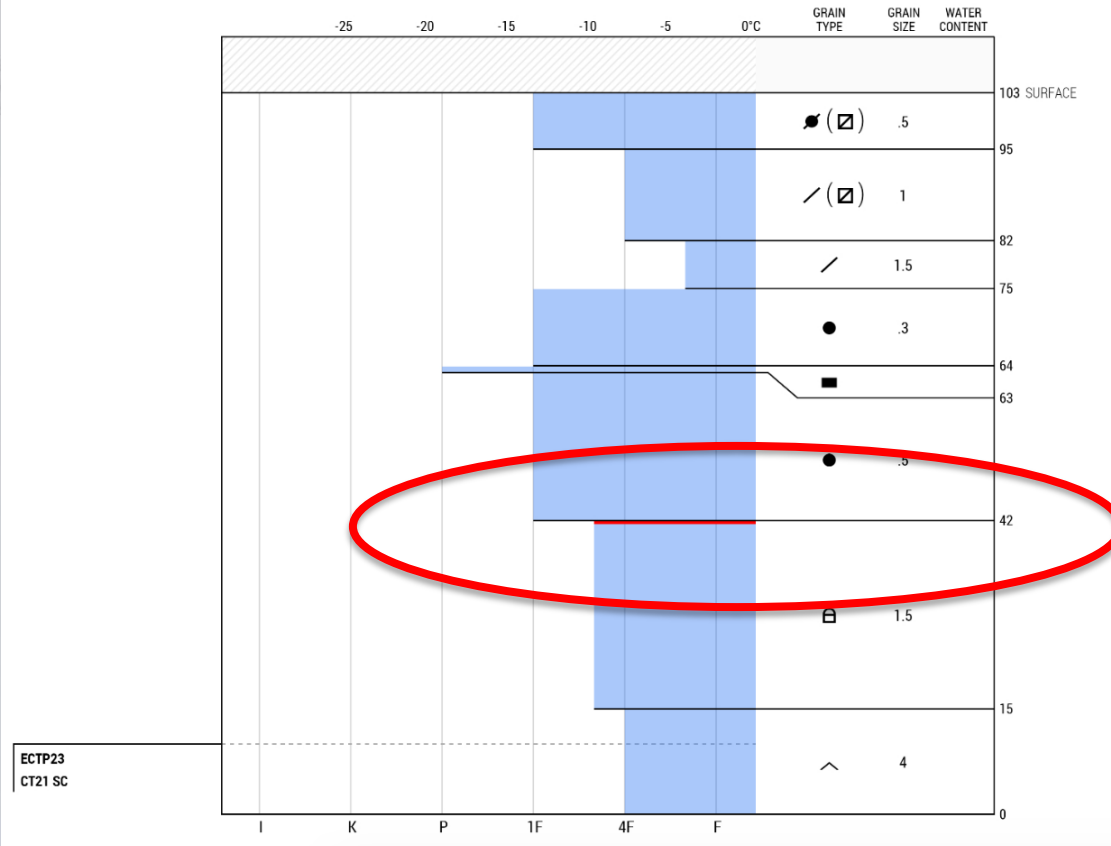
Precipitation: No Precipitation

Air temp.: --

Foot Pen. (PF): --

Sky: Clear

Ski Pen. (PS): --



Avalanche Fatality by Avalanche Type 2015-16



Season	Snowfall (Inches)	# days snow	Deaths (CO)
2015-2016	72.8	177	4
2014-2015	57.8	180	3
2013-2014	38.4	206	8
2012-2013	78.4	209	11
2011-2012	55.6	161	7
2010-2011	22.8	177	7
2009-2010	60.6	60.6	8
2008-2009	38.1	38.1	8
2007-2008	46.3	46.3	4
2006-2007	72.6	72.6	5

Descriptive Statistics			
	Mean	Std. Deviation	N
Days	132.76	69.428	10
Deaths	6.400	2.4129	10
Snowfall	54.340	17.8981	10

ANOVA ^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2634.726	2	1317.363	.226	.803 ^b
	Residual	40747.518	7	5821.074		
	Total	43382.244	9			

a. Dependent Variable: Days
b. Predictors: (Constant), Snowfall, Deaths

Coefficients ^a								
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	69.764	107.645		.648	.538	-184.775	324.303
	Deaths	6.645	10.551	.231	.630	.549	-18.304	31.593
	Snowfall	.377	1.422	.097	.265	.799	-2.987	3.740

a. Dependent Variable: Days