

Date: 20130413

Time: 11:00 am

Location: Gemini Saddle, (NW side of saddle)

Aspect: SE

Elevation: Starting zone ~5,000 feet

SS-AR-R2-D2-O

Crown depth 1-2', ~150' wide, ~200' vertical fall, ~450' length of path

Two snowboarders went past an avalanche closure and got caught in the slide they triggered. One was buried to his waste, the other completely buried except for his boot. The first dug himself out, then dug his friend out with his hands. No injuries. Neither had any avalanche rescue gear.

Second hand reports say the crown profile was 1 to 2 feet storm slab moving on the old smooth crust from previous week 4/11/13.

Patty Morrison

Stevens Pass Mountain Resort

Avalanche Forecaster/Mountain Education Coordinator

4-11-2013

Northwest Weather and Avalanche Center

Stevens Pass Ski Area Brooks Chair (4850')

Washington Department of Transportation Schmidt Haus (3950')

Stevens Pass, Washington

MM/DD	Hour PST	Temp F 4850'	Temp F 3950'	RH % 4850'	RH % 3950'	Wind Avg 4850'	Wind Max 4850'	Wind Dir 4850'	Hour Prec. 3950'	Total Prec. 3950'	24 Hr Snow 3950'	Total Snow 3950'	Press mb 3950'
4 10	500	37	36	100	95	5	18	216	.03	.03	0	92	1014
4 10	600	37	38	100	96	7	22	234	.02	.05	0	92	1014
4 10	700	38	38	100	96	5	16	250	.01	.06	0	92	1013
4 10	800	38	40	100	96	4	16	241	.05	.11	0	92	1011
4 10	900	38	40	100	95	6	22	238	.18	.29	0	92	1010
4 10	1000	35	37	98	94	7	23	218	.26	.55	0	91	1011
4 10	1100	34	37	99	93	8	19	220	.17	.72	0	91	1011
4 10	1200	33	36	100	91	10	24	221	.14	.86	0	92	1012
4 10	1300	33	36	99	92	10	30	225	.18	1.04	0	91	1013
4 10	1400	34	38	89	89	10	37	226	.02	1.06	0	91	1014
4 10	1500	34	38	91	87	9	29	228	0	1.06	0	91	1014
4 10	1600	34	37	89	86	8	32	224	0	1.06	0	91	1015
4 10	1700	33	36	87	81	11	37	220	0	1.06	0	91	1016
4 10	1800	32	36	94	87	7	27	225	0	1.06	0	91	1016
4 10	1900	31	35	100	91	5	18	229	.04	1.1	0	91	1016
4 10	2000	31	34	100	94	6	20	221	.04	1.14	0	91	1017
4 10	2100	30	33	100	94	4	15	225	.03	1.17	0	91	1018
4 10	2200	29	33	100	94	6	17	218	.04	1.21	0	91	1018
4 10	2300	29	33	95	94	6	22	224	.03	1.24	1	91	1018
4 11	0	29	33	92	93	8	29	218	.03	1.27	1	92	1019
4 11	100	29	32	92	91	8	22	215	.02	1.29	1	92	1018
4 11	200	28	32	94	93	8	25	216	.01	1.3	1	92	1018
4 11	300	29	32	100	92	8	26	220	.01	1.31	1	92	1018
4 11	400	28	33	100	90	9	24	218	.01	1.32	1	92	1017

Total
Prec.
3950'

1.32

NWAC weather station data from Brooks (4850') and Schmidt (3950') for 24 hours ending 4 am PST 11 April 2013.

4-12-2013

Northwest Weather and Avalanche Center

Stevens Pass Ski Area Brooks Chair (4850')

Washington Department of Transportation Schmidt Haus (3950')

Stevens Pass, Washington

MM/DD	Hour PST	Temp		RH		Wind		Wind Dir	Hour Prec.	Total Prec.	24 Hr Snow	Total Snow	Press mb
		4850' F	3950' F	4850' %	3950' %	4850' Avg	4850' Max						
4 11	500	28	33	99	89	9	24	219	.01	.01	2	92	1017
4 11	600	28	32	100	88	10	25	218	.01	.02	0	92	1017
4 11	700	28	32	96	91	9	22	219	.01	.03	0	92	1018
4 11	800	28	32	93	92	8	19	221	.03	.06	1	92	1018
4 11	900	29	33	91	92	7	19	214	.02	.08	1	92	1018
4 11	1000	30	34	90	90	6	20	216	0	.08	0	92	1018
4 11	1100	31	34	91	91	5	15	226	.01	.09	1	92	1019
4 11	1200	32	34	87	90	2	10	236	.02	.11	0	92	1019
4 11	1300	33	34	82	91	3	11	236	.01	.12	1	92	1019
4 11	1400	32	35	81	90	5	17	235	.02	.14	0	92	1019
4 11	1500	31	35	88	87	5	18	230	.01	.15	0	91	1018
4 11	1600	29	34	88	89	5	14	228	0	.15	0	91	1019
4 11	1700	29	34	87	84	3	11	229	0	.15	0	92	1018
4 11	1800	28	33	88	92	2	7	226	0	.15	0	92	1018
4 11	1900	27	32	91	92	3	12	219	0	.15	0	92	1018
4 11	2000	27	32	89	92	3	10	209	0	.15	0	92	1018
4 11	2100	26	31	89	91	0	3	205	0	.15	0	92	1018
4 11	2200	26	31	94	92	2	9	197	0	.15	0	92	1018
4 11	2300	26	29	90	90	1	7	196	0	.15	0	92	1017
4 12	0	26	29	89	90	4	9	206	0	.15	0	92	1016
4 12	100	26	29	84	91	3	10	211	0	.15	0	92	1016
4 12	200	26	28	86	92	5	14	213	0	.15	0	92	1016
4 12	300	27	29	87	92	0	4	209	0	.15	0	92	1015
4 12	400	26	29	85	92	0	1	218	0	.15	0	92	1015

Total
Prec.
3950'

.15

NWAC weather station data from Brooks (4850') and Schmidt (3950') for 24 hours ending 4 am PST 12 April 2013.

4-13-2013
 Northwest Weather and Avalanche Center
 Stevens Pass Ski Area Brooks Chair (4850')
 Washington Department of Transportation Schmidt Haus (3950')
 Stevens Pass, Washington

MM/DD	Hour PST	Temp F 4850'	Temp F 3950'	RH % 4850'	RH % 3950'	Wind Avg 4850'	Wind Max 4850'	Wind Dir 4850'	Hour Prec. 3950'	Total Prec. 3950'	24 Hr Snow 3950'	Total Snow 3950'	Press mb 3950'
4 12	500	27	29	75	92	1	5	6	0	0	0	92	1014
4 12	600	27	29	69	90	2	8	55	0	0	0	92	1013
4 12	700	28	29	71	90	3	9	67	0	0	0	92	1013
4 12	800	29	31	71	84	4	11	54	0	0	0	91	1012
4 12	900	32	34	66	78	2	6	34	0	0	0	91	1011
4 12	1000	35	37	61	76	1	6	33	0	0	0	91	1011
4 12	1100	37	37	67	85	0	5	292	0	0	0	91	1010
4 12	1200	31	36	81	78	2	11	221	0	0	0	91	1010
4 12	1300	29	33	93	88	3	9	236	.01	.01	0	91	1009
4 12	1400	30	32	93	92	1	10	253	.07	.08	1	91	1008
4 12	1500	29	32	96	92	1	7	228	.07	.15	1	93	1007
4 12	1600	28	31	96	92	1	7	235	.06	.21	2	93	1006
4 12	1700	27	31	99	92	3	14	237	.04	.25	2	94	1005
4 12	1800	27	30	100	94	5	14	227	.03	.28	4	95	1004
4 12	1900	27	30	100	93	7	17	234	.03	.31	4	95	1003
4 12	2000	27	31	100	94	6	18	235	.04	.35	4	95	1003
4 12	2100	28	32	100	93	4	15	240	.02	.37	4	95	1002
4 12	2200	28	32	100	94	6	18	244	.03	.4	5	95	1002
4 12	2300	26	31	97	86	6	21	261	.04	.44	5	96	1001
4 13	0	23	27	95	91	11	31	240	.02	.46	5	96	1002
4 13	100	23	27	98	94	9	26	224	.1	.56	5	98	1002
4 13	200	21	26	96	94	4	17	225	.21	.77	9	101	1002
4 13	300	20	25	94	91	6	23	223	.06	.83	11	102	1003
4 13	400	20	25	94	89	11	24	222	.02	.85	11	102	1004

Total
 Prec.
 3950'

 .85

NWAC weather station data from Brooks (4850') and Schmidt (3950') for 24 hours ending 4 am PST 13 April 2013.

4-14-2013

Northwest Weather and Avalanche Center
 Stevens Pass Ski Area Brooks Chair (4850')
 Washington Department of Transportation Schmidt Haus (3950')
 Stevens Pass, Washington

MM/DD	Hour PST	Temp F 4850'	Temp F 3950'	RH % 4850'	RH % 3950'	Wind Avg 4850'	Wind Max 4850'	Wind Dir 4850'	Hour Prec. 3950'	Total Prec. 3950'	24 Hr Snow 3950'	Total Snow 3950'	Press mb 3950'
4 13	500	20	25	95	89	11	29	222	.04	.04	47	102	1005
4 13	600	20	25	93	91	8	24	219	.05	.09	12	103	1005
4 13	700	21	25	93	91	9	29	218	.06	.15	14	104	1006
4 13	800	22	26	93	90	8	22	217	.02	.17	14	105	1006
4 13	900	23	27	92	88	6	16	230	.01	.18	0	105	1006
4 13	1000	23	28	93	87	4	16	233	.03	.21	1	105	1006
4 13	1100	24	28	94	90	4	13	219	.05	.26	0	105	1006
4 13	1200	26	30	93	89	4	13	235	.04	.3	2	105	1007
4 13	1300	26	30	94	88	5	15	229	.06	.36	47	104	1007
4 13	1400	26	32	96	88	6	20	224	.04	.4	4	106	1007
4 13	1500	28	31	100	89	4	13	223	.07	.47	4	108	1007
4 13	1600	26	31	100	88	5	15	230	.02	.49	5	106	1008
4 13	1700	26	30	100	92	4	14	225	.14	.63	47	109	1008
4 13	1800	26	30	100	93	2	8	232	.19	.82	10	112	1008
4 13	1900	26	29	100	93	3	10	222	.12	.94	12	113	1009
4 13	2000	25	28	100	95	5	15	215	.07	1.01	13	114	1009
4 13	2100	25	28	100	92	6	14	213	0	1.01	13	114	1009
4 13	2200	25	28	100	94	7	14	206	0	1.01	12	114	1009
4 13	2300	25	28	100	94	6	18	212	0	1.01	12	114	1010
4 14	0	24	28	100	93	6	14	201	.01	1.02	12	114	1010
4 14	100	24	28	100	93	6	14	206	0	1.02	12	114	1010
4 14	200	24	28	100	93	4	14	205	.01	1.03	12	113	1010
4 14	300	24	28	100	93	3	8	201	0	1.03	12	113	1010
4 14	400	23	28	100	94	4	10	193	.01	1.04	0	113	1010

Total
 Prec.
 3950'

 1.04

NWAC weather station data from Brooks (4850') and Schmidt (3950') for 24 hours ending 4 am PST 14 April 2013.



Entry and/or trigger point indicated by blue arrow upper left and area of avalanche indicated by red arrows in a previous archived photograph.