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Snow Survey for May 1st
by Dan Schenck & Larry Alserda

Little Cottonwood Watershed											
Alta Central snow course elevation 8800' 19 years of record					Snowbird snotel elevation 9160 26 years of record						
year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling
2002	33.2	59	59	88.5%	2-May	2002	11.9	96	44	111%	1-May
2001	22	51	22	65.3%		2001	32.2	83	39	88%	
2000	24.4	54	45	72.4%		2000	28.6	66	43	78%	
1999	33.8	81	42	89.4%		1999	36.9	103	36	88%	
1998	41.7	93	45	123.7%		1998	41.9	101	41	111%	
1997	46.7	109	43	138.6%		1997	48.8	124	39	129%	
1996	46.2	102	45	137.1%		1996	57.1	124	46	152%	
1995	48.4	108	45	143.6%		1995	60.6	150	41	161%	
1994	23.7	61	39	70.3%		1994	28.8	80	36	77%	
1993	48.4	108	48	143.9%		1993	56.2	133	42	149%	
1992	10.8	22	48	32.0%		1992	15.8	30	55	42%	
1991	23.6	52	45	70.0%		1991	35.0	79	44	93%	
1990	28.5	68	42	84.6%		1990	32.2	77	42	86%	
1989	19.5	43.0	46.0	57.9%		1989	44	114	39	117%	
1984	54.1	133.0	41.0	160.5%		1984	9.6	23	42	26%	
average	33.7			105%		average	37.6				

Parleys watershed											
Parleys Summit snow course elevation 7700' 69 years of record					Lamb's snow course elevation 7600' 31 years of record						
year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling
2002	9.7	23	43	78%	1-May	2002	1.2	3	40	14%	1-May
2001	6.8	16	43	105%		2001	1.9	4	47	23%	
2000	1.2	3	39	10%		2000	0	0	0	0%	
1999	15.4	39	40	124%		1999	10.5	25	43	127%	
1998	16.2	35	47	131%		1998	12.2	27	45	147%	
1997	17.2	40	43	135%		1997	10.7	26	41	125%	
1996	19.6	46	42	158%		1996	11.5	26	44	139%	
1995	17.6	45	39	142%		1995	10.9	28	40	131%	
1994	8.9	24	37	81%		1994	3.3	9	36	40%	
1993	16.1	38	42	130%		1993	8.3	17	48	100%	
1992	0.1	0	25	1%		1992	0	0	0	0%	
1991	16.4	64	26	132%		1991	10.6	46	23	128%	
1990	0.7	3	22	6%		1990	0.3	2	17	4%	
1984	26.6	65	41	215%		1989	2.5	7	35	30%	
1983	23.2	62	37	187%		1984	19.9	55	40	264%	
1977	0.0	0	0	0%		1983	20.4	48	36	246%	
1952	23.1	43	54	186%		1977	0.0	0	0	0%	
average	12.4			46.3%		average	8.3				

Millcreek snow course elevation 7000' 29 years of record										Kilijon snow course elevation 6300' 16 years of record									
year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling		
2002	19.9	46	44	109%	1-May	2002	0	0	0	0%	29-Apr	2002	0	0	0	0%	1-May		
2001	12.8	31	41	70%		2001	0	0	0	0%		2001	0	0	0	0%			
2000	8.9	21	42	49%		2000	0	0	0	0%		2000	0	0	0	0%			
1999	20.7	53	39	114%		1999	0	0	0	0%		1999	0	0	0	0%			
1998	24.2	57	43	133%		1998	0	0	0	0%		1998	0	0	0	0%			
1997	24.5	61	44	135%		1997	0	0	0	0%		1997	0	0	0	0%			
1996	23.8	54	44	131%		1996	0	0	0	0%		1996	0	0	0	0%			
1995	22	55	40	121%		1995	0	0	0	0%		1995	0	0	0	0%			
1994	17.9	44	41	98%		1994	0	0	0	0%		1994	0	0	0	0%			
1993	20.3	49	42	112%		1993	0	0	0	0%		1993	0	0	0	0%			
1992	1.2	3	43	7%		1992	0	0	0	0%		1992	0	0	0	0%			
1991	20.0	67	30	110%		1991	2.1	7	29	2100%		1991	2.1	7	29	2100%			
1990	5.7	15	39	31%		1990	0.0	0	0	0%		1990	0.0	0	0	0%			
1988	10.0	26	39	55%		1989	0.0	0	0	1%		1989	0.0	0	0	1%			
1984	28.1	73	38	154%		1988	0.0	0	0	1%		1988	0.0	0	0	1%			
1983	27.4	71	38	151%		1987	0.0	0	0	1%		1987	0.0	0	0	1%			
1977	0.0	0	0	0%		1986	0.0	0	0	1%		1986	0.0	0	0	1%			
average	18.2					average	0.1					average	0.1						

Big Cottonwood watershed										City Creek watershed									
Brighton Cabin snow course elevation 8700' 81 years of record					City Creek Lakes snow course elevation 7550' 19 years of record														
year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling		
2002	15.9	36	44	65.7%	2-May	2002	18.9	40	47	97%	30-Apr	2002	18.9	40	47	97%	30-Apr		
2001	18.3	47	44	75.6%		2001	21.4	43	50	110%		2001	21.4	43	50	110%			
2000	12.8	29	44	52.9%		2000	6.9	14	49	36%		2000	6.9	14	49	36%			
1999	28.6	61	40	109.9%		1999	18.4	44	44	100%		1999	18.4	44	44	100%			
1998	29.3	63	47	121.1%		1998	33.4	65	51	172%		1998	33.4	65	51	172%			
1997	31.9	75	43	131.8%		1997	28.2	64	44	145%		1997	28.2	64	44	145%			
1996	33.8	69	44	139.7%		1996	30.1	67	45	150%		1996	30.1	67	45	150%			
1995	36.4	83	44	150.4%		1995	26.7	60	45	138%		1995	26.7	60	45	138%			
1994	18.6	54	35	76.9%		1994	17.3	39	45	89%		1994	17.3	39	45	89%			
1993	33.8	69	39	139.7%		1993	26	51	50	134%		1993	26	51	50	134%			
1992	1.2	3	43	7%		1992	0	0	0	0%		1992	0	0	0	0%			
1991	20.0	67	30	110%		1991	26.1	75	35	135%		1991	26.1	75	35	135%			
1990	5.7	15	39	31%		1990	0	0	0	0%		1990	0	0	0	0%			
1988	10.0	26	39	55%		1989	13.1	24	55	68%		1989	13.1	24	55	68%			
1984	28.1	73	38	154%		1988	4.2	9	47	22%		1988	4.2	9	47	22%			
1983	27.4	71	38	151%		1984	43.2	89.0	49.0	223%		1984	43.2	89.0	49.0	223%			
1977	0.0	0	0	0%		1986	0.0	0	0	1%		1986	0.0	0	0	1%			
average	24.2					average	19.4					average	19.4						

Silver Lake snow course elevation 8700' 68 years of record										Louis Meadow snow course elevation 6700' 26 years of record									
year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling	year	water content (inches)	snow depth (inches)	density (percent)	percent of normal	date of sampling		
2002	20.8	40	53	78.2%	2-May	2002	2.2	5	43	51%	30-Apr	2002	2.2	5	43	51%	30-Apr		
2001	28.7	58	46	100.4%		2001	7.2	16	45	167%		2001	7.2	16	45	167%			
2000	18.7	33	57	70.3%		2000	0	0	0	0%		2000	0	0	0	0%			
1999	27.9	61	46	104.9%		1999	8.3	18	46	193%		1999	8.3	18	46	193%			
1998	31.8	66	48	119.5%		1998	18.6	39	47	433%		1998	18.6	39	47	433%			
1997	35.4	70	50	133.1%		1997	6.1	18	33	142%		1997	6.1	18	33	142%			
1996	35.2	69	51	132.3%		1996	14.9	31	48	347%		1996	14.9	31	48	347%			
1995	34.1	76	45	128.2%		1995	12	25	48	279%		1995	12	25	48	279%			
1994	22.6	52	43	85.0%		1994	1.7	5.6	30	40%		1994	1.7	5.6	30	40%			
1993	37.1	84	44	138.9%		1993	9.8	20	49	223%		1993	9.8	20	49	223%			
1992	7.7	12	63	28.9%		1992	0	0	0	0%		1992	0	0	0	0%			
1991	28.6	61	47	107.5%		1991	10.4	36	28	242%		1991	10.4	36					