

Precipitation
Soda Springs, California

Date of Measurement	Inches										Snow Stake	Snow Survey
	No. 1 7 a.m. Standard Unshielded	No. 2 Stevens W Seasonal	No. 3 Army Engrs.	No. 4 Standard Shielded	No. 5 Friez Reconn.	No. 6 Standard Shielded	No. 7 Stevens Q 30-days	No. 8 Standard Unshielded	No. 9 3 ft. can at 10 ft.	No. 10 3 ft. can at 10 ft.		
November												
1												
2												
3	.74				1.14							
4	.32				.08							
5					.23 1.45							
6												
7												
8												
9	.19 1.25											
10												
11							Set					
12												
13		Set										
14	.13				.13 (?)							
15	1.35 1.52				1.60*(?) 1.73		1.72**				5	
16	.26				1.59							
17	2.88				4.36							
18	4.08				2.36 8.31							
19	1.10 9.80				No shield							
20												
21												
22		*					9.48**				23	28 (9.8)
23												
24					.08							
25	.13											
26					.68							
27	1.28				.48							
28	.21				.13							
29	.06				.12 1.49							
30	.08 1.76				No shield		1.40					
Total	12.81				12.98		12.60 Inc.				18	17.7 (8.3)

*Pen blown from sheet.
**Pen vibrates badly. Shields blown loose.

*Pen to and fro, acts when platform is climbed.
**Snow cap fell into can.

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December												
1					.12							
2	.30				.13							
3												
4					.03							
5	.03		Erected	Erected								
6	.07				1.21							
7	1.01				.02						27	26.5 (7.2) New Snow 11.0 (1.2)
8					.22	Erected		Erected				14 Meas. = 23.4 (7.18)
9	.21 1.62	Pen 13.4	(Charged 28.65)	(Charged 2.19 in.)	.13 1.86	(Charged 3.76)	1.80	(Charged 4.03 in.)				
10												
11			Depth of solution 4 in. = 22 in.									
12												
13				(wt. 2.22)								
14												
15		16.4 (?)										
16								Erected (Charged 4.48)	Erected *			
17									(Charged 4.58)		17	
18												14 Meas. 18.1 (6.80)
19												Nos. 6-11 19.6 (7.60)
20					.27							
21	.22											
22	T				1.56							
23	2.09				2.80							Nos. 6-11 28.3 (10.45)
24	2.15				1.08							
25	.81				.12							
26												
27	.16				.16 (?)							
28	.22				.22 (?)							
29	1.28				1.66							
30	T		1-13/16 in. = 1.8 9 in.	8.12 8.12		7.61 7.61	7.22	6.57 6.57			34	No. 9? 32 (13.0)
31	.22 7.15				.22 8.09						34	
Total	8.77		9.0 Inc.	8.12 Inc.	9.57	9.41 Est.	9.02	8.37 Est.	8.25 Est.	9.23 Est.		

* Numbered dual system, but inches preferred.
Triple register installed and recording.

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January												
1												
2	.32				.38							
3					.01							
4												
5	T											
6												
7												
8												
9												
10		Pen				.13	.22	-.01				
11	.32	recording	0?	0.24					.32 est	.32 est	29	30.3 (13.1)
12		over										
13		energetic										
14												
15												
16												
17												
18												
19					.28							
20	.94				3.47							
21	4.88				4.84 (?)							
22	3.15				.90							
23	2.27	Frozen	Frozen	8.41*	2.27							
					Pen							
					jumped;							
					no record							
					.55*)	11.22	13.0	10.33	12.90	13.035		
24	.45	11.69										
25	.09				.58							
26	.58				.61							
27	.69				.31							
28	.15				.37							
29	.51				2.11							
30	1.76	3.82	Motor stopped	Slush	5.00		*	4.0	3.93	4.58	4.72	93
31	T							.45				10 meas. 90.5 (28.2)
Total	15.79		(Feb. 6.. 17 in.)	13.65	17.22	18.96	17.67	14.25	17.80	18.075		

*Decided to recharge cans when the cores thawed. Wind shield No. 10 blown partially loose. No. 9 with guys O.K.

**Spin-drift

4 meas. 29.0 (11.6)

*Filled 3 1/2 in. above rim. Wind shield apart in three places. "Wind 60 mi. an hour" --Curley

*Forgot to record weight.

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February												
1												
2												PG & E 90.5 (30.0)
3												
4	.12				.55							
5	.29											
6	.41	Sponge ice	9.51 = 3.71 gain = 17 in.	.63	.55	.43	.52*	-.33**	.57	.51	80	No. 9 81.5 (27.0) *Jan. 10 - Feb. 6 17.98 **Unshielded
7	.38				1.58							
8	1.02				.55							
9	.36				.07	2.20						
10												
11												
12												
13	1.76	10.08	10.05 = .54 gain = 2 in.	2.38		2.24	2.25	1.73*	2.66	2.54	92	Nos. 8,9 85.9 (31.1)
14												
15												
16												
17												
18												
19												
20	0	10.6	0	0	0	-.03	-.10	-.04	-.01	-.04	73	Nos. 8,9 75.8 (34.0) 2.9
21					.40							
22	.64				.56							
23	.21				.04							
24	.08				.75							
25	.78				.26							
26	T				.09	2.10						
27	.08	1.79	Solid	10.42	2.18	2.05	1.98	1.79	2.23	2.22	86	
28				2								
Total	3.96		4.0*	5.19	4.85	4.75	4.85	3.89	5.47	5.31		PG & E Mar. 1, 77.7 (32.5) Gain 2.5

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March												
1											82	PG & E 77.7 (32.5) Nos. 8 & 9 33.5 in.
2												
3					.23							
4	.34				.35							
5	.54				.59							
6	.39	Floating ice			.46	All pasture gages contain slush in oil.						
7	.19				.17							
8	.56				1.77							
9	1.90				2.15							
10	2.03				1.22							
11	.11 6.06	12.28	12.1=	6.86		6.94 6.90	6.65	6.47	7.465	7.365	91	
12			7.30								86	No. 8 & 9 84 (38.5 in.) Gain 5 in.
13					.65							
14	1.03				.90							
15	.23											
16												
17	.08				.70							
18	.44											
19	1.78	Frozen	Frozen	2.29		2.25 2.005	2.00	1.615	2.40	2.38	92	Nos. 8 & 9 90.5 (40.1)
20												
21					.50							
22	.52				.10							
23												
24												
25												
26	.04				.08							
27	.08 .64	12.75	12.60=	.69	.04 .72	.64	.72	.61	.68*	.68	84	
28			1.7									
29	1.04				1.62							
30	.18 1.22				.10 1.72							
31												
Total	9.70		9.0	9.84	11.63	9.545	9.37	8.695	10.545	10.425	84	P G & E Apr. 3 78.5 (38.4) Normal 98.2% Precip. 51.03 N. 35.98 = 141.8%
	Nov.-Mch. 51.03 (N. 35.98) Total Nov.-Mch. 39 in.											

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Date of Measurement 5 p.m.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10	Snow Stake	Snow Survey
April												
1												
2	.45* 1.67	12.98	12.83= 1.5	1.79		1.66	1.65	1.37	1.93	1.89*	80	PG & E 78.5 (38.4) *By Buck
3												
4												
5	T					.40						
6	.39					.10						
7						.19						
8	.52					.45						
9	.06 .97			Ice slush	1.14	Ice slush 1.00						
10												
11												
12												
13												
14												
15												
16	.97	13.16	13.18= 2.0	1.23*		1.15	-.02.98	.98	1.23	1.25	50	42.1 (22.1)
17												
18						0 Evap. Apr. 9-18						
19	.01-					.02						
20		13.16	13.18	.02		-.01	-.06	0	-.02	-.02	41	
21	.20					.25 .27	.20 .14					
22												
23												
24												
25												
26			13.30= .5	.345	.07	.23	.10	.23	.27	.29	26	24.0 (11.8)
27	.25											
28	1.17					1.55		1.40				
29						.80 2.42		1.10 2.60				
30				(2.56)			(2.50)	(2.34)	(2.61)	(2.63)	21	
Total	2.60+ .45 = 3.05?		2.50+ 1.42= 3.92	4.155	3.83	3.87	3.72	3.55	4.09	4.15		

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	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8	No. 9	No. 10		
May 1		13.62 (?)	13.75= (?) 1 in.	2.56	(2.42)	2.50	2.47	2.34	2.61	2.63	18	17.2 (8.9)
2												
3												
4											8	
5											0	
6												
7		13.44	14.06= 3.8 (Apr. 26-May 7)	0 ?	(0)	-.01	0	-.02	-.03	-.03		0 except patches at distance
8												
9			1.42 (Apr. 26-30)= 2.38									
10												
11												
12												
13												
14							0					
15	.03											
16	.01				(.18)		.18					
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30	.37											
31	.91				(1.05**)							
			(June 1 .5)	(June 1 2.38)		(June 1 2.24)	(June 1 2.04)	(June 1 2.07)	(June 1 2.40)	(June 1 2.42)		
Total	1.32	13.3	2.88	2.38	1.23	2.23	2.22	2.05	2.37	2.39	0	0

"Season 1 mo.
ahead--Leland
Smith.

