1.

PROGRESS REPORT OF SNOW SURVEY AND PRECIPITATION DATA
TO MAY 1, 1937.

TABLE 2

SNOW SURVEY DATA FOR KEY COURSES—MAY 1, 1937

1/ DRAINAGE BASINS AND SNOW COURSES	ELEVATION IN FEET	DATE OF SURVEY	DEPTH OF SNOW INCHES	DENSITY PER CENT	WATER CONTENT INCHES	CORRESPONDING WATER CONTENT LAST YEAR INCHES	MELTING AS SHOWN BY PERCENT DEPARTURE FROM APRIL FIRST WATER CONTENT	
							THIS YEAR	LAST YEAR
PIT RIVER								
MOUNT LASSEN	8400	4-29-37	142.9	50.8	72.6	86.4	+11%	-1%
MANZANITA LAKE	6000	4-30-37	9.3	50.6	4.7	0	-72%	-100%
UPPER SACRAMENTO RIVER								
MOUNT SHASTA	8000	4-29-37	100.1	46.8	46.9	33.1	+8%	-16%
WHALEN	5900	4-21-37	66.2	50.3	33.3	NEW COURSE	———	———
MCCLOUD RIVER								
MOUNT SHASTA	8000	4-29-37	100.1	46.8	46.9	33.1	+8%	-16%
FEATHER RIVER								
MOUNT LASSEN	8400	4-29-37	142.9	50.8	72.6	NO SURVEY	+11%	-1%
CHURCH MEADOWS	7600	4-27-37	61.7	50.9	31.4	NO SURVEY	———	———
YUBA PASS	6700	4-28-37	55.1	51.5	28.4	NEW COURSE	———	———
BROWNS CAMP	5400	4-29-37	52.5	42.4	22.3	NEW COURSE	———	———
HASKINS FLAT	5300	4-27-37	77.4	44.9	34.8	6.8	-43%	-53%
LA PORTE	5000	5- 1-37	51.5	57.5	29.6	0	-37%	-100%
YUBA RIVER								
CHURCH MEADOWS	7600	4-27-37	61.7	50.9	31.4	NO SURVEY	———	———
SUMMIT	7020	4-29-37	70.4	51.9	36.5	34.4	-15%	-28%
SODA SPRINGS	6750	4-29-37	70.8	51.7	36.7	32.4	-17%	-26%
YUBA PASS	6700	4-28-37	55.1	51.5	28.4	NEW COURSE	———	———
FURNACE FLAT	6600	4-30-37	90.5	59.5	53.9	56.9	-10%	+4%
LAKE FORDYCE	6500	4-30-37	70.8	55.7	39.4	45.6	-11%	-3%
SARDINE FLAT	5800	4-27-37	24.6	49.7	12.2	NEW COURSE	———	———
LA PORTE	5000	5- 1-37	51.5	57.5	29.6	0	-37%	-100%
AMERICAN RIVER								
CARSON PASS	8600	4-28-37	91.8	48.0	44.0	45.0	-4%	-2%
SILVER LAKE	7300	4-29-37	48.3	47.4	22.9	19.6	-32%	-36%
SUMMIT	7020	4-29-37	70.4	51.9	36.5	34.4	-15%	-28%
SODA SPRINGS	6750	4-29-37	70.8	51.7	36.7	32.4	-17%	-26%
HUYSINK	6600	4-29-37	104.1	50.7	52.8	NEW COURSE	———	———
ICE HOUSE	5300	4-30-37	26.4	51.4	13.6	0	-48%	-100%

1/ DATA FOR COURSES COMMON TO MORE THAN ONE BASIN ARE LISTED UNDER EACH BASIN.

TABLE 2 – SNOW SURVEY DATA FOR KEY COURSES – MAY 1, 1937 (CONTINUED)

1 DRAINAGE BASINS AND SNOW COURSES	ELEVATION IN FEET	DATE OF SURVEY	DEPTH OF SNOW INCHES	DENSITY PER CENT	WATER CONTENT INCHES	CORRESPONDING WATER CONTENT LAST YEAR INCHES	MELTING AS SHOWN BY PERCENT DEPARTURE FROM APRIL FIRST WATER CONTENT	
							THIS YEAR	LAST YEAR
CARSON RIVER								
CARSON PASS	8600	4-28-37	91.8	48.0	44.0	45.0	-4%	-2%
BLUE LAKES	8000	4-28-37	85.3	43.0	36.7	39.6	-8%	-17%
MOKELUMNE RIVER								
CARSON PASS	8600	4-28-37	91.8	48.0	44.0	45.0	-4%	-2%
BLUE LAKES	8000	4-28-37	85.3	43.0	36.7	39.6	-8%	-17%
BEAR VALLEY RIDGE	6700	4-26-37	62.3	48.3	30.0	19.4	-20%	-34%
STANISLAUS RIVER								
LOWER RELIEF VALLEY	8300	5- 3-37	83.9	48.9	41.0	NO SURVEY	-15%	———
SODA CREEK FLAT	7900	5- 2-37	49.7	46.6	23.2	19.4	-37%	-24%
EAGLE MEADOWS	7500	5- 4-37	38.1	50.0	19.0	NO SURVEY	-47%	———
LAKE ALPINE	7500	4-30-37	76.2	50.1	43.2	39.3	-9%	-17%
RELIEF DAM	7300	5- 3-37	39.5	52.4	20.7	12.7	-34%	-48%
NIAGARA FLAT	6500	5- 3-37	(NO SNOW ON COURSE)			8.8	-100%	-66%
STRAWBERRY LAKE	5700	5- 3-37	(NO SNOW ON COURSE)			0	-100%	-100%
TUOLUMNE RIVER								
LOWER RELIEF VALLEY	8300	5- 3-37	83.9	48.9	41.0	NO SURVEY	-15%	———
STRAWBERRY LAKE	5700	5- 3-37	(NO SNOW ON COURSE)			0	-100%	-100%
MERCED RIVER	(NO MAY 1ST SNOW SURVEYS MADE IN MERCED RIVER BASIN)							
UPPER SAN JOAQUIN RIVER								
KAISER PASS	9200	5- 1-37	105.7	49.8	52.6	43.4	+1%	-2%
HUNTINGTON LAKE	7000	5- 1-37	42.3	50.6	21.4	NO SURVEY	-37%	———
OWENS RIVER	(NO MAY 1ST SNOW SURVEYS MADE IN OWENS RIVER BASIN)							
KINGS RIVER								
BIG MEADOW	7660	5- 2-37	61.7	48.2	29.7	14.2	-96%	-63%
GENERAL GRANT PARK	6660	5- 3-37	3.9	54.7	2.1	0	-91%	-100%
KAWEAH RIVER								
GIANT FOREST	6500	4-30-37	29.4	48.3	14.2	16.1	-54%	-44%
KERN RIVER								
ROUND MEADOW	9000	4-29-37	85.8	51.1	43.8	28.8	-10%	-14%

1 DATA FOR COURSES COMMON TO MORE THAN ONE BASIN ARE LISTED UNDER EACH BASIN.

PROGRESS REPORT OF SNOW SURVEY AND PRECIPITATION DATA
TO MAY 1, 1937.

TABLE 3 – PRECIPITATION DATA

1 BASIN AND PRECIPITATION STATION	ELEVATION IN FEET	PRECIPITATION SINCE JULY 1, 1936 INCHES (INCLUDING SNOW AS WATER)	2 NORMAL PRECIPITATION FOR THIS DATE INCHES	PRECIPITATION TO DATE IN PER CENT OF NORMAL	2 NORMAL SEASONAL PRECIPITATION INCHES (JULY TO JUNE)	PRECIPITATION TO DATE IN PER CENT OF SEASONAL NORMAL (JULY TO JUNE)
UPPER SACRAMENTO, PIT, AND MC CLOUD RIVERS						
JESS VALLEY	5400	11.48				
ALTURAS	4460	8.95	10.38	86%	12.12	74%
BIEBER	4200	12.93				
MT. SHASTA	3555	32.35	31.57	102%	34.12	95%
HAT CREEK	3400	14.89	16.34	91%	18.95	78%
FALL RIVER MILLS	3340	13.96	16.31	86%	18.76	74%
MCCLOUD	3270	34.11	45.77	75%	50.02	68%
MONTGOMERY CREEK	2119	43.61	50.63	86%	54.88	80%
KENNETT	730	47.68	59.51	80%	63.95	75%
FEATHER RIVER						
BUCKS STORAGE DAM	5100	48.83	82.67	59%	86.33	57%
WESTWOOD	5000	15.50	25.52	61%	27.87	56%
SIERRAVILLE	5000	18.54	24.61	75%	26.23	71%
LA PORTE	5000	52.03				
MINERAL	4935	37.67	55.04	69%	58.99	64%
PORTOLA	4832	16.94	16.64	102%	17.54	97%
INSKIP	4803	56.03	77.27	73%	82.06	68%
PRATTVILLE	4600	28.48	36.69	78%	38.89	73%
CANYON DAM	4570	30.36	35.99	85%	38.42	79%
CHESTER	4550	23.94	30.80	78%	33.24	72%
DOYLE	4300	10.09	11.36	89%	12.66	80%
VERAMONT	3500	22.63	34.67	65%	36.79	61%
QUINCY	3409	27.22	37.72	72%	40.53	67%
WEST BRANCH	3216	A 47.17	A 66.82	A 71%	A 76.51	A 62%
CARIBOU	3000	32.39	41.00	79%	43.60	74%
SMITHS POINT	2500	42.48	60.10	71%	63.64	67%
LAKE WILENOR	2000	42.11				
STORRIE	1760	49.12	61.76	80%	64.88	76%
LAS PLUMAS	506	47.05	49.68	95%	52.71	89%

1 CERTAIN OF THE STATIONS ARE NOT ACTUALLY IN THE BASIN SHOWN BUT ARE CLOSELY ADJACENT. STATIONS COMMON TO MORE THAN ONE BASIN ARE LISTED UNDER EACH BASIN.

2 THESE ARE COMPUTED 47-YEAR NORMALS FOR THE PERIOD 1890–1936 INCLUSIVE. WHERE THE PERIODS OF RECORD ARE LESS THAN 47-YEARS, THE NORMALS HAVE BEEN COMPUTED BY COMPARISON WITH THE RECORDS OF STATIONS FOR WHICH THE ACTUAL 47-YEAR DATA ARE COMPLETE. THIS GIVES ALL NORMALS BASED UPON THE SAME PERIOD OF YEARS AND COMPARABLE.

A RECORD TO APRIL 1ST ONLY.

TABLE 3 — PRECIPITATION DATA — MAY 8, 1937 (CONTINUED)

1 BASIN AND PRECIPITATION STATION	ELEVATION IN FEET	PRECIPITATION SINCE JULY 1, 1936 INCHES (INCLUDING SNOW AS WATER)	2 NORMAL PRECIPITATION FOR THIS DATE INCHES	PRECIPITATION TO DATE IN PER CENT OF NORMAL	2 NORMAL SEASONAL PRECIPITATION INCHES (JULY TO JUNE)	PRECIPITATION TO DATE IN PER CENT OF SEASONAL NORMAL (JULY TO JUNE)
YUBA RIVER						
SODA SPRINGS	6871	37.00	43.99	84%	46.52	80%
BOWMAN DAM	5347	58.70	64.68	91%	69.86	84%
LA PORTE	5000	52.03	———	———	———	———
DRUM FOREBAY	4653	45.39	54.17	84%	58.02	78%
LAKE SPAULDING	4600	48.47	62.58	77%	67.29	72%
SCALES	4300	———	———	———	———	———
DEER CREEK	3700	51.07	65.64	78%	69.94	73%
CAMPTONVILLE	3500	(STATION CLOSED JANUARY, 1937)				
NORTH BLOOMFIELD	3214	(STATION CLOSED NOVEMBER, 1936)				
DOWNIEVILLE	3150	A 35.22	A 55.33	A 64%	64.86	A 54%
NEVADA CITY	2570	A 43.63	A 42.84	A 102%	49.53	A 88%
DOBBINS	1650	A 32.73	A 37.02	A 88%	42.95	A 76%
CHUTE CAMP	1500	— 52.08	— 53.42	— 97%	56.98	— 91%
TRUCKEE & TAHOE BASINS						
TWIN LAKES	7970	43.39	42.12	103%	45.96	94%
SODA SPRINGS	6871	37.00	43.99	84%	46.52	80%
TAHOE	6230	24.70	30.87	80%	32.87	75%
TRUCKEE	6200	26.59	24.27	110%	25.46	104%
AMERICAN RIVER						
TWIN LAKES	7970	43.39	42.12	103%	45.96	94%
SODA SPRINGS	6871	37.00	43.99	84%	46.52	80%
BLUE CANYON	4965	39.73	55.68	71%	59.82	66%
DRUM FOREBAY	4653	45.39	54.17	84%	58.02	78%
RASOR LODGE	3000	———	———	———	———	———
COLFAX	2420	47.62	44.74	107%	47.62	100%
PLACERVILLE	1925	A 39.45	A 34.93	A 113%	40.37	A 98%
CARSON RIVER						
TWIN LAKES	7970	43.39	42.12	103%	45.96	94%
MARKLEEVILLE	5250	(STATION CLOSED NOVEMBER, 1936)				
MOKELUMNE RIVER						
TWIN LAKES	7970	43.39	42.12	103%	45.96	94%
LAKE ALPINE	7500	47.81	———	———	———	———
SALT SPRINGS RESERVOIR	3660	40.59	43.15	94%	46.77	87%
TIGER CREEK	2400	45.40	44.75	101%	47.66	95%
WEST POINT	2326	38.06	38.07	100%	40.49	94%
ELECTRA	699	33.30	30.43	110%	32.11	104%

1, 2, A — SEE FOOTNOTES FIRST PAGE OF THIS TABLE

TABLE 3 — PRECIPITATION DATA — MAY 1, 1937 (CONTINUED)

1 BASIN AND PRECIPITATION STATION	ELEVATION IN FEET	PRECIPITATION SINCE JULY 1, 1936, INCHES (INCLUDING SNOW AS WATER)	2 NORMAL PRECIPITATION FOR THIS DATE INCHES	PRECIPITATION TO DATE IN PER CENT OF NORMAL	2 NORMAL SEASONAL PRECIPITATION INCHES (JULY TO JUNE)	PRECIPITATION TO DATE IN PER CENT OF SEASONAL NORMAL (JULY TO JUNE)
STANISLAUS RIVER						
LAKE ALPINE	7500	47.81	———	———	———	———
STRAWBERRY LAKE	5620	31.71	34.46	92%	37.66	84%
SPRING GAP	4875	40.76	40.44	101%	43.67	94%
CALAVERAS BIG TREES	4700	46.96	———	———	———	———
SAND BAR	2700	41.20	38.80	106%	41.77	99%
WALKER RIVER						
LUNDY LAKE	7760	22.05	13.53	163%	15.06	146%
BRIDGEPORT	6473	A 12.03	———	———	———	———
SHIELDS RANCH	5300	A 12.44	A 9.86	A 126%	12.31	A 101%
TUOLUMNE RIVER						
STRAWBERRY LAKE	5620	31.71	34.46	95%	37.66	84%
SPRING GAP	4875	40.76	40.44	101%	43.67	94%
LAKE ELEANOR	4650	45.23	40.22	112%	43.15	105%
HETCH HETCHY	3530	34.89	32.35	108%	35.56	98%
GROVELAND	2828	40.05	35.94	111%	37.78	106%
SONORA	1825	36.62	30.82	119%	32.59	112%
MERCED RIVER						
WAWONA	4096	48.14	46.96	102%	49.69	96%
YOSEMITE	3960	39.52	32.72	121%	35.42	112%
DUDLEYS	3000	38.65	38.22	101%	40.24	96%
MARIPOSA	1932	34.75	27.52	127%	29.04	120%
MERCED FALLS	351	17.88	15.82	113%	16.71	107%
MONO BASIN						
ELLERY LAKE	9600	A 28.03	A 34.52	A 81%	41.64	A 67%
GEM LAKE	9120	A 28.39	A 27.89	A 102%	31.70	A 90%
LUNDY LAKE	7760	22.05	13.53	163%	15.06	146%
UPPER SAN JOAQUIN RIVER						
HUNTINGTON LAKE	7000	37.44	27.75	135%	30.27	123%
BIG CREEK	4900	37.34	28.65	130%	31.27	119%
CRANE VALLEY	3500	47.73	37.42	127%	39.78	120%
NORTH FORK	3000	42.30	30.60	138%	32.68	130%
AUBERRY	2050	———	22.97	———	24.43	———

1, 2, A, SEE FOOTNOTES FIRST PAGE OF THIS TABLE.

TABLE 3 – PRECIPITATION DATA – MAY 1, 1937 (CONTINUED)

1 BASIN AND PRECIPITATION STATION	ELEVATION IN FEET	PRECIPITATION SINCE JULY 1, 1936, INCHES (INCLUDING SNOW AS WATER)	2 NORMAL PRECIPITATION FOR THIS DATE INCHES	PRECIPITATION TO DATE IN PER CENT OF NORMAL	2 NORMAL SEASONAL PRECIPITATION INCHES (JULY TO JUNE)	PRECIPITATION TO DATE IN PER CENT OF SEASONAL NORMAL (JULY TO JUNE)
OWENS BASIN						
SOUTH LAKE	9620	A 22.24	A 16.10	A 138%	21.42	A 104%
LAKE SEBRINA	9100	A 22.35	A 15.90	A 141%	18.71	A 120%
BISHOP CREEK	8390	— 18.63	— 13.80	— 135%	15.01	— 124%
BIRCH CREEK	8000	A 18.28	A 12.08	A 151%	13.94	A 132%
INTAKE #2 BISHOP CREEK	8000	A 15.48	A 10.58	A 146%	12.52	A 124%
CROOKED CREEK	6700	A 12.76	A 8.92	A 143%	10.31	A 124%
BIG PINE POWER PLANT #3	5400	A 13.40	A 7.32	A 183%	7.90	A 170%
INDEPENDENCE	3957	A 7.97	A 3.96	A 200%	4.40	A 181%
L. A. AQUEDUCT AT INTAKE	3880	A 8.70	A 2.90	A 300%	3.15	A 276%
COTTONWOOD GATES	3600	A 10.41	A 3.24	A 322%	3.67	A 284%
KINGS RIVER						
GENERAL GRANT PARK	6775	55.40	37.76	147%	41.34	134%
CLIFF CAMP	6150	———	36.79	———	———	———
BALCH CAMP	1300	37.79	23.88	158%	25.16	150%
PIEDRA	500	24.38	15.95	153%	16.74	146%
KAWEAH RIVER						
GENERAL GRANT PARK	6775	55.40	37.76	147%	41.34	134%
GIANT FOREST	6360	56.51	38.29	147%	41.65	135%
ASH MOUNTAIN	1600	37.73	23.89	158%	25.64	147%
THREE RIVERS	870	28.51	18.14	157%	19.39	147%
KERN RIVER						
SPRINGVILLE (NEAR)	4050	50.65	31.44	161%	33.76	150%
HOT SPRINGS	3300	34.51	22.16	155%	23.65	145%
GLENNVILLE	3300	27.83	18.82	148%	20.18	138%
KERNVILLE	2600	15.13	9.34	162%	9.73	156%
SANTA ANA BASIN						
KELLYS KAMP	8300	66.45	———	———	———	———
TABLE MOUNTAIN	7500	16.77	13.62	123%	14.18	118%
BIG PINES CAMP	6860	35.65	22.11	162%	23.33	153%
BIG BEAR LAKE DAM	6800	57.86	34.66	167%	36.02	160%
BIG BEAR LAKE	6800	46.58	———	———	———	———
RUNNING SPRINGS	6230	59.59	———	———	———	———
SQUIRREL INN	5700	A 68.82	A 35.05	A 197%	40.28	A 171%
SEVEN OAKS	5000	A 43.86	A 24.28	A 181%	26.98	A 162%
CAMP BALDY	4300	— 54.87	— 29.53	— 186%	30.84	— 178%
BEAUMONT (NEAR)	3045	A 34.27	A 18.79	A 182%	21.93	A 157%
MILL CREEK #2	2950	— 37.71	— 20.94	— 180%	22.45	— 168%
SANTA ANA RIVER	2850	A 43.90	A 22.78	A 192%	26.47	A 165%
LYTLE CREEK RANGER STATION	2770	— 52.45	———	———	———	———
BEAUMONT	2558	A 35.06	A 15.49	A 226%	18.23	A 192%
MOUTH SAN ANTONIO CANYON	2500	— 41.82	— 28.55	— 146%	29.74	— 141%
LYTLE CREEK	2250	A 45.55	A 29.30	A 155%	33.47	A 136%

1, 2, A, SEE FOOTNOTES FIRST PAGE OF THIS TABLE.

TABLE 3 – PRECIPITATION DATA – MAY 1, 1937 (CONTINUED)

1 BASIN AND PRECIPITATION STATION	ELEVATION IN FEET	PRECIPITATION SINCE JULY 1, 1936, INCHES (INCLUDING SNOW AS WATER)	2 NORMAL PRECIPITATION FOR THIS DATE INCHES	PRECIPITATION TO DATE IN PER CENT OF NORMAL	2 NORMAL SEASONAL PRECIPITATION INCHES (JULY TO JUNE)	PRECIPITATION TO DATE IN PER CENT OF SEASONAL NORMAL (JULY TO JUNE)
SAN GABRIEL BASIN						
KELLYS KAMP	8300	66.45	———	———	———	———
TABLE MOUNTAIN	7500	16.77	13.62	123%	14.18	118%
BIG PINES CAMP	6860	35.65	22.11	162%	23.33	153%
MOUNT WILSON	5850	53.16	29.74	179%	31.15	170%
CRYSTAL LAKE – EAST	5740	55.03	———	———	———	———
LITTLE CIENEGA	4630	A 49.00	A 29.82	A 164%	34.46	A 142%
MT. LOWE FOX FARM	4500	40.37	———	———	———	———
OPIDS CAMP	4480	57.54	37.39	154%	39.06	147%
MT. LOWE	4420	(STATION CLOSED FEBRUARY, 1937)				
CAMP BALDY	4300	54.87	29.53	186%	30.84	178%
VALLEY FORGE LODGE	3400	A 61.19	A 31.04	A 197%	35.64	A 172%
STURTEVANT CAMP	3375	A 57.52	A 28.42	A 202%	———	———
COLDBROOK CAMP	3300	A 45.11	A 23.98	A 187%	28.40	A 159%
TANBARK FLATS	2700	A 41.83	A 27.12	A 154%	30.90	A 135%
HENNINGER FLATS	2650	A 39.69	———	———	———	———
WINTER CREEK	2580	58.52	39.03	150%	41.56	140%
HONOR CAMP #4	2518	A 36.08	———	———	———	———
MOUTH SAN ANTONIO CANYON	2500	41.82	28.55	146%	29.74	141%
WOLFSKILL FALLS	2400	A 32.90	A 26.24	A 126%	29.95	A 110%
SAWPIT CANYON	2000	A 42.39	A 28.20	A 150%	32.49	A 130%
BIG SANTA ANITA RANGER STATION	1950	47.52	31.24	151%	33.02	144%
SAN GABRIEL FORKS RANGER STATION	1600	A 43.44	———	———	———	———
MONROVIA FALLS	1450	A 41.28	A 27.99	A 148%	32.32	A 128%
BIG SANTA ANITA DAM	1400	35.15	26.40	133%	27.88	126%
SAN DIMAS DAM	1350	A 31.67	A 23.73	A 134%	26.27	A 120%
ROBERTS RELAY STATION	1275	A 45.92	A 28.21	A 162%	31.26	A 146%
DALTON #1	820	A 33.42	A 17.50	A 191%	20.10	A 166%
LOS ANGELES RIVER						
SISTER ELSIE PEAK	5040	38.55	———	———	———	———
MT. LOWE FOX FARM	4500	40.37	———	———	———	———
OPIDS CAMP	4480	57.54	37.39	154%	39.06	147%
MT. LOWE	4420	(STATION CLOSED FEBRUARY, 1937)				
LOOMIS RANCH	4050	A 28.04	A 16.77	A 167%	19.90	A 141%
HAINES CANYON – UPPER	3450	40.55	28.59	142%	30.46	133%
CLEAR CREEK	3300	48.80	36.93	132%	38.34	127%
SWITZERS CAMP	3000	40.16	32.88	122%	34.60	116%
COLBY RANCH	2950	39.53	30.32	130%	31.42	126%
BRIGGS TERRACE	2310	38.04	———	———	———	———
LOWER HAINES – U.S.G.S.	2250	34.38	22.09	156%	23.28	148%
LA CRESCENTA	2069	A 37.50	A 22.19	A 169%	25.40	A 148%
BIG TUJUNGA DAM	2050	43.13	———	———	———	———
DILLONS RANCH	2050	34.15	———	———	———	———
LITTLE TUJUNGA	1700	A 28.88	———	———	———	———
ARROYO SECO RANGER STATION	1530	30.38	22.26	136%	23.34	131%

1, 2, A – SEE FOOTNOTES FIRST PAGE OF THIS TABLE.

APPENDIX.

The two sheets following contain the results of those snow surveys which, although made in the early part of April, were received too late to be included in the regular April Bulletin.

RESULTS OF SNOW SURVEYS MADE EARLY IN APRIL

AND REPORTED AFTER APRIL 10

DRAINAGE BASINS AND SNOW COURSES	ELEVATION IN FEET	DATE OF SURVEY	DEPTH OF SNOW INCHES	DENSITY PER CENT	WATER CONTENT INCHES	CORRESPONDING WATER CONTENT LAST YEAR INCHES	NORMAL SEASONAL WATER CONTENT (ENTIRE SEASON) INCHES	PERCENTAGE OF NORMAL SEASONAL WATER CONTENT TO SURVEY DATE THIS YEAR	CORRESPONDING PERCENTAGE OF NORMAL SEASONAL WATER CONTENT LAST YEAR
PIT RIVER									
CEDAR PASS	7200	4-10-37	54.4	39.6	21.6	26.2	20.2	107%	130%
WALKER BASIN									
SONORA PASS	8800	4- 8-37	84.2	39.2	33.0	NO SURVEY	31.0	107%	——
LEAVITT MEADOW	7200	4- 9-37	30.4	44.7	13.6	NO SURVEY	16.0	85%	——
OWENS RIVER									
UPPER OWENS									
MAMMOTH PASS	9500	3-30-37	148.0	39.2	58.1	49.1	51.4	113%	96%
MINARETTES	9000	4- 2-37	113.4	37.8	42.8	39.1	35.9	119%	109%
MINARETTES	8300	4- 1-37	79.7	41.6	33.2	27.8	21.6	154%	129%
MAMMOTH	8300	4- 1-37	82.6	40.6	33.5	24.3	24.2	138%	101%
ROCK CREEK									
ROCK CREEK	10000	4- 6-37	58.7	38.5	22.6	17.6	13.3	170%	132%
ROCK CREEK	9050	4- 6-37	43.5	38.3	16.7	15.1	9.4	178%	160%
ROCK CREEK	8700	4- 5-37	43.9	38.6	16.9	14.7	9.2	186%	160%
UPPER SAN JOAQUIN RIVER									
BLACKCAP BASIN	10800	4-11-37	125.6	41.4	52.0	44.3	43.1	121%	103%
UPPER BURNT CORRAL MEADOW	9700	4-12-37	119.4	40.5	48.3	44.3	40.3	120%	110%
MAMMOTH PASS	9500	3-30-37	148.0	39.2	58.1	49.1	48.6	120%	101%
KINGS RIVER									
BLACKCAP BASIN	10800	4-11-37	125.6	41.4	52.0	44.3	42.9	121%	103%
UPPER BURNT CORRAL MEADOW	9700	4-12-37	119.4	40.5	48.3	44.3	39.9	121%	111%
BEARD MEADOW	9300	4-10-37	114.6	41.3	47.3	43.5	39.7	119%	110%
WOODCHUCK MEADOW	9100	4- 9-37	114.3	41.2	47.1	43.8	40.1	117%	109%
SWAMP MEADOW	9000	4-13-37	124.5	42.8	53.3	48.4	49.4	108%	98%
HELMS MEADOW	8500	4-13-37	86.8	49.5	43.0	25.3	31.4	137%	81%
LONG MEADOW	8500	4-12-37	105.2	42.5	44.7	38.3	35.6	126%	108%
STATUM MEADOW	8300	4- 9-37	105.6	45.7	48.3	43.8	43.0	112%	102%
POST CORRAL MEADOW	8200	4-12-37	93.3	46.2	43.1	38.0	35.3	122%	108%

FOR FURTHER STATIONS IN KINGS RIVER WATERSHED SEE OVER LEAF