

Subsystem Report

Summary of RWMP Estimated Flows for the Cascade System (in cfs)

Schematic: D9

Calibration Year: 2018

(Individual Soft Service Boundaries) Cascade Estimated Flows

Table with 23 columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Cascade and Upper Grass Valley.

Subsystem Report

Summary of RWMP Estimated Flows for the Camp Far West System (in cfs)

Schematic: B2

Calibration Year: 2018

(Individual Soft Service Boundaries) Camp Far West Estimated Flows

Table with 23 columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Bogdanoff, Camp Far West 1-3, Church Lateral, Forbes, Lateral 1-5 South, Renken, Wiswell-Gladding, and Coon Creek Natural.

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Summary of RWMP Estimated Flows for the Chicago Park System Below Loma Rica Reservoir (in cfs)

Schematic: D7

Calibration Year: 2018

(Individual Soft Service Boundaries) Chicago Park Estimated Flows

Table with 23 columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Meyer-Bierwag Pipeline, Chicago Park 1-6, John Henry Meyer, Little Greenhorn Creek, Meyer-Bierwag Pipeline, O'Leary Pipeline, Ripkin, Russ Pipeline, Smith-Moulton Pipeline, Sorlag, and Sunshine Valley.

Subsystem Report

Summary of RWMP Estimated Flows for the Combie System below Combie Reservoir (in cfs)

Schematic: B3

Calibration Year: 2018

(Individual Soft Service Boundaries) Combie System Estimated Flows

Table with 23 columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Combie Phase I & II, Hannaman I & II, Magnolia I & II, Magnolia I & II North & South, Magnolia 3 & LOTP WTP, Markvolf, Sanford Struckman, and Combie Phase I.

Subsystem Report

Summary of RWMP Estimated Flows for the Combie Ophir IV System (in cfs)

Schematic: B5

Calibration Year: 2018

Combie Ophir IV Estimated Flows
(Individual Soft Service Boundaries)

Service Area	Calibration Year Flow Duty Acre-ft/Acre	Period Average Flow Duty Acre-ft/Acre	Current Saturation Levels (%) 2018	Estimated Saturation Levels (%) 2080	Calibration Year Average Flow 2018	Calculated Average Soft Service Area Demand							Peak to Average Ratio	Calculated Peak Soft Service Area Demand								
						2018	2020	2030	2040	2050	2060	2070		2080	2018	2020	2030	2040	2050	2060	2070	2080
						Combie Ophir IV	1.86	1.67	0.61	0.75	2.82	2.55		2.68	2.82	2.96	3.11	3.11	1.15	3.23	2.92	3.07
Dudley	1.52	1.44	0.63	0.78	7.85	7.52	7.90	8.30	8.73	9.18	9.18	1.16	9.09	8.70	9.15	9.61	10.11	10.62	10.62	10.62		
Gold Blossom	2.04	1.77	0.67	0.79	6.93	6.06	6.37	6.70	7.04	7.04	7.04	1.23	8.51	7.44	7.82	8.22	8.64	8.64	8.64	8.64		
Little Ophir & Hymas	1.86	1.67	0.48	0.65	2.18	1.98	2.08	2.18	2.29	2.41	2.54	1.15	2.50	2.28	2.38	2.50	2.63	2.76	2.90	3.05		
Vernon	1.37	1.42	0.73	0.78	5.14	5.36	5.64	5.64	5.64	5.64	5.64	1.18	6.08	6.33	6.66	6.66	6.66	6.66	6.66	6.66		
Rohr Stanley Pipe	1.86	1.67	0.77	0.84	1.65	1.63	1.63	1.63	1.63	1.63	1.63	1.15	1.90	1.86	1.86	1.86	1.86	1.86	1.86	1.86		
St. Patrick's	2.31	2.05	0.58	0.76	1.14	1.02	1.07	1.12	1.18	1.24	1.30	1.18	1.15	1.20	1.26	1.33	1.40	1.47	1.54	1.54		

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Summary of RWMP Estimated Flows for the Combie Ophir System (in cfs)

Schematic: B4

Calibration Year: 2018

Combie Ophir I Estimated Flows
(Individual Soft Service Boundaries)

Service Area	Calibration Year Flow Duty Acre-ft/Acre	Period Average Flow Duty Acre-ft/Acre	Current Saturation Levels (%) 2018	Estimated Saturation Levels (%) 2080	Calibration Year Average Flow 2018	Calculated Average Soft Service Area Demand							Peak to Average Ratio	Calculated Peak Soft Service Area Demand								
						2018	2020	2030	2040	2050	2060	2070		2080	2018	2020	2030	2040	2050	2060	2070	2080
						Columbia East	1.81	2.07	0.45	0.81	0.68	0.80		0.91	1.04	1.18	1.35	1.53	1.74	1.17	0.80	0.94
Columbia West	0.75	0.66	0.68	0.76	0.32	0.29	0.33	0.38	0.38	0.38	0.38	1.17	0.38	0.34	0.39	0.44	0.44	0.44	0.44	0.44	0.44	
Combie Ophir II	0.75	0.66	0.42	0.82	1.43	1.29	1.47	1.68	1.91	2.17	2.47	2.47	1.15	1.64	1.49	1.70	1.93	2.20	2.50	2.84	2.84	
Combie Ophir III	0.75	0.66	0.41	0.76	0.26	0.24	0.27	0.31	0.35	0.40	0.46	0.46	1.25	0.33	0.30	0.34	0.39	0.44	0.50	0.57	0.57	
Lone Star & Ranney	0.58	0.65	0.70	0.82	3.41	3.80	4.32	4.32	4.32	4.32	4.32	1.18	3.97	4.41	5.02	5.02	5.02	5.02	5.02	5.02	5.02	
Pickett & Beck	0.97	0.78	0.50	0.76	2.08	1.86	2.12	2.41	2.74	2.74	2.74	1.25	2.59	2.32	2.64	3.00	3.42	3.42	3.42	3.42	3.42	
Rudd	0.83	0.82	0.92	0.92	1.88	1.84	1.84	1.84	1.84	1.84	1.84	1.18	2.16	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15	
Willis & Oest	1.09	1.06	0.66	0.77	4.80	4.79	5.45	5.45	5.45	5.45	5.45	1.14	5.48	6.27	6.23	6.23	6.23	6.23	6.23	6.23	6.23	

Subsystem Report

Summary of RWMP Estimated Flows for the DS Canal System (in cfs)

Schematic: D3

Calibration Year: 2018

DS System Estimated Flows
(Individual Soft Service Boundaries)

Service Area	Calibration Year Flow Duty Acre-ft/Acre	Period Average Flow Duty Acre-ft/Acre	Current Saturation Levels (%) 2018	Estimated Saturation Levels (%) 2080	Calibration Year Average Flow 2018	Calculated Average Soft Service Area Demand							Peak to Average Ratio	Calculated Peak Soft Service Area Demand								
						2018	2020	2030	2040	2050	2060	2070		2080	2018	2020	2030	2040	2050	2060	2070	2080
						DS 2	3.51	-1.70	0.15	0.22	0.18	-0.09		-0.10	-0.11	-0.12	-0.14	-0.15	-0.17	1.34	0.25	-0.12
DS 3	3.51	-1.70	0.12	0.59	2.39	-1.18	-1.31	-1.44	-1.60	-1.76	-1.95	-2.15	1.36	3.24	-1.80	-1.77	-1.96	-2.16	-2.39	-2.64	-2.91	
DS 4	3.51	-1.70	0.60	0.75	2.55	-1.26	-1.39	-1.39	-1.39	-1.39	-1.39	-1.39	1.36	3.45	-1.71	-1.88	-1.88	-1.88	-1.88	-1.88	-1.88	
DS 5	2.28	0.89	0.30	0.75	0.38	0.14	0.16	0.16	0.16	0.16	0.16	1.36	0.48	0.19	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
DS Ext	0.00	0.00	0.42	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Red Dog	2.04	1.72	0.68	0.75	0.22	0.19	0.21	0.21	0.21	0.21	0.21	1.14	0.25	0.22	0.24	0.24	0.24	0.24	0.24	0.24	0.24	

Subsystem Report

Summary of RWMP Estimated Flows Kemper East, Kemper West, Bean Culler Canal (in cfs)

Schematic: B1

Calibration Year: 2018

Estimated Flows
(Individual Soft Service Boundaries)

Service Area	Calibration Year Flow Duty Acre-ft/Acre	Period Average Flow Duty Acre-ft/Acre	Current Saturation Levels (%) 2018	Estimated Saturation Levels (%) 2080	Calibration Year Average Flow 2018	Calculated Average Soft Service Area Demand							Peak to Average Ratio	Calculated Peak Soft Service Area Demand								
						2018	2020	2030	2040	2050	2060	2070		2080	2018	2020	2030	2040	2050	2060	2070	2080
						Edgewood	2.31	2.14	0.73	0.77	1.08	1.01		1.06	1.06	1.06	1.06	1.06	1.22	1.31	1.23	1.29
Kemper East, Kemper West & Bean Cullers	1.57	1.48	0.67	0.78	1.97	1.88	1.97	2.07	2.18	2.18	2.18	1.48	2.92	2.78	2.92	3.07	3.23	3.23	3.23	3.23	3.23	

Subsystem Report

Summary of RWMP Estimated Flows for the Rattlesnake Canal System (in cfs)

Schematic: D6

Calibration Year: 2018

Rattlesnake Estimated Flows
(Individual Soft Service Boundaries)

Service Area	Calibration Year Flow Duty Acre-ft/Acre	Period Average Flow Duty Acre-ft/Acre	Current Saturation Levels (%) 2018	Estimated Saturation Levels (%) 2080	Calibration Year Average Flow 2018	Calculated Average Soft Service Area Demand							Peak to Average Ratio	Calculated Peak Soft Service Area Demand								
						2018	2020	2030	2040	2050	2060	2070		2080	2018	2020	2030	2040	2050	2060	2070	2080
						Cherry Creek	0.63	0.77	0.52	0.80	0.27	0.34		0.42	0.42	0.42	0.42	0.42	1.75	0.48	0.60	0.74
Forest Springs	0.92	0.71	0.49	0.80	1.10	0.92	1.13	1.13	1.13	1.13	1.13	1.27	1.40	1.18	1.43	1.43	1.43	1.43	1.43	1.43	1.43	
Grove	0.63	0.77	0.16	0.53	1.49	1.89	2.30	2.80	3.42	4.17	5.08	6.19	1.75	2.60	3.30	4.02	4.90	5.98	7.29	8.88	10.83	
Kyler	1.80	1.44	0.32	0.90	1.05	0.87	1.06	1.29	1.58	1.92	2.34	2.34	1.31	1.38	1.14	1.39	1.70	2.07	2.52	3.07	3.07	
Lower Maben	0.36	0.35	0.20	0.80	0.30	0.30	0.37	0.37	0.37	0.37	0.37	1.31	0.39	0.39	0.48	0.48	0.48	0.48	0.48	0.48	0.48	
Maben Pipe	1.36	1.33	0.46	0.80	0.30	0.30	0.37	0.45	0.45	0.45	0.45	2.08	0.61	0.62	0.76	0.93	0.93	0.93	0.93	0.93	0.93	
Rattlesnake 1	0.25	-0.09	0.45	0.80	0.26	-0.10	-0.12	-0.15	-0.18	-0.22	-0.22	1.17	0.30	-0.12	-0.14	-0.17	-0.21	-0.26	-0.26	-0.26	-0.26	
Rattlesnake 2	1.92	1.15	0.54	0.80	1.75	1.09	1.33	1.33	1.33	1.33	1.33	1.17	2.05	1.28	1.56	1.56	1.56	1.56	1.56	1.56	1.56	
Rattlesnake 3	1.92	1.15	0.49	0.95	0.72	0.45	0.55	0.55	0.55	0.55	0.55	1.33	0.96	0.59	0.73	0.73	0.73	0.73	0.73	0.73	0.73	
Rattlesnake Above Cedar Crest Siphon	2.79	5.07	0.66	0.80	0.44	0.83	1.01	1.01	1.01	1.01	1.01	1.27	0.56	1.05	1.28	1.28	1.28	1.28	1.28	1.28	1.28	
Upper Maben	1.92	1.15	0.49	0.80	0.79	0.49	0.60	0.60	0.60	0.60	0.60	1.33	1.05	0.65	0.80	0.80	0.80	0.80	0.80	0.80	0.80	
Woodpecker	1.22	0.70	0.57	0.88	0.92	0.55	0.67	0.82	0.82	0.82	0.82	1.17	1.08	0.64	0.79	0.96	0.96	0.96	0.96	0.96	0.96	

Subsystem Report

Subsystem Report

Summary of RWMP Estimated Flows for the Snow Mountain System (in cfs)

Schematic: D1

Calibration Year: 2018

Snow Mountain Estimated Flows

Table with columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Cement Hill 1, Cement Hill 2, Lake Vera Pipe, Red Hill 1, Red Hill 2, Red Hill Reservoir & Buffington, Snow Mountain 1, Snow Mountain 2, Snow Mountain 3, Sugarloaf Reservoir, Willow Valley.

Subsystem Report

Summary of RWMP Estimated Flows for the Lower Grass Valley System (below DC148) (in cfs)

Schematic: D4

Calibration Year: 2018

Lower Grass Valley Estimated Flows

Table with columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Allison Ranch 1, Allison Ranch 2, Allison Ranch 3, Corey, Lafayette, Lower Grass Valley, Rough & Ready 1, Rough & Ready 2.

Subsystem Report

Summary of RWMP Estimated Flows for the Newtown System (in cfs)

Schematic: D2

Calibration Year: 2018

Newtown Estimated Flows

Table with columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Lester, Newtown 1, Newtown 2, Newtown 3.

Subsystem Report

Summary of RWMP Estimated Flows for the Valley View & Gold Hill System (in cfs)

Schematic: B6

Calibration Year: 2018

Valley View & Gold Hill Estimated Flows

Table with columns: Service Area, Calibration Year Flow Duty, Period Average Flow Duty, Current Saturation Levels, Estimated Saturation Levels, Calibration Year Average Flow, Calculated Average Soft Service Area Demand (2018-2080), Peak to Average Ratio, Calibration Year Peak Flow, Calculated Peak Soft Service Area Demand (2018-2080). Rows include Deadman's Ravine, Files, Gold Hill I, Klaga Springs, Iron Canyon, Lower Gold Hill B, Nickias, Old Whiskey Diggins, Reili, Stringham, Valley View 1, Valley View 2, Valley View 3, Whiskey Diggins, Livingston, Thomas, Gold Hill B.

