

TABLE 8a.—Daily mean head over 18-inch weir, and discharge, of Santa Barbara tunnel, 1903—Continued.

Day.	May.				June.				July.				August.			
	Mean head over weir.	Discharge.			Mean head over weir.	Discharge.			Mean head over weir.	Discharge.			Mean head over weir.	Discharge.		
		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.
1.	0.354	1.003	50.15	648,254	0.302	0.796	39.80	514,467	0.326	0.890	44.50	575,220	0.307	0.816	40.80	527,393
2.	.360	1.029	51.45	665,058	.300	.788	39.40	509,269	.326	.890	44.50	575,220	.318	.857	42.85	553,892
3.	.362	1.036	51.80	669,582	.301	.792	39.60	511,881	.326	.890	44.50	575,220	.320	.865	43.25	559,062
4.	.362	1.036	51.80	669,582	.302	.796	39.80	514,467	.326	.890	44.50	575,220	.326	.890	44.50	575,220
5.	.358	1.021	51.05	659,888	.302	.796	39.80	514,467	.326	.890	44.50	575,220	.329	.902	45.10	582,976
6.	.360	1.029	51.45	665,058	.300	.788	39.40	509,269	.300	.788	39.40	509,269	.329	.902	45.10	582,976
7.	.363	1.039	51.95	671,521	.300	.788	39.40	509,269	.239	.563	28.15	363,875	.336	.932	46.60	602,366
8.	.366	1.050	52.50	678,631	.300	.788	39.40	509,269	.225	.518	25.90	334,791	.333	.919	45.95	593,963
9.	.366	1.050	52.50	678,631	.298	.780	39.00	504,126	.220	.500	25.00	323,158	.322	.873	43.65	564,233
10.	.360	1.029	51.45	665,058	.292	.756	37.80	488,614	.220	.500	25.00	323,158	.321	.869	43.45	561,648
11.	.360	1.029	51.45	665,058	.293	.760	38.00	491,199	.219	.496	24.80	320,572	.328	.898	44.90	580,391
12.	.360	1.029	51.45	665,058	.278	.706	35.30	456,298	.219	.496	24.80	320,572	.290	.748	37.40	483,444
13.	.358	1.021	51.05	659,888	.306	.812	40.60	524,808	.220	.500	25.00	323,158	.249	.680	30.00	387,789
14.	.308	.820	41.00	529,978	.307	.816	40.80	527,393	.220	.500	25.00	323,158	.273	.687	34.35	444,018
15.	.223	.510	25.50	329,621	.308	.820	41.00	529,978	.234	.549	27.45	354,827	.275	.694	34.70	448,543
16.	.258	.633	31.65	409,117	.310	.828	41.40	535,149	.270	.675	33.75	436,263	.277	.702	35.10	453,713
17.	.300	.788	39.40	509,269	.311	.832	41.60	537,734	.292	.756	37.80	488,614	.276	.698	34.90	451,128
18.	.301	.792	39.60	511,881	.312	.836	41.80	540,319	.268	.668	33.40	431,735	.275	.694	34.70	448,543
19.	.302	.796	39.80	514,467	.313	.840	42.00	542,905	.254	.618	30.90	399,423	.274	.690	34.50	445,957
20.	.304	.800	40.00	517,052	.314	.843	42.15	544,844	.258	.633	31.65	409,117	.273	.687	34.35	444,018
21.	.304	.804	40.20	519,637	.315	.847	42.35	547,420	.272	.683	34.15	441,433	.270	.675	33.75	436,263
22.	.305	.808	40.40	522,223	.316	.850	42.50	549,368	.271	.679	33.95	438,848	.300	.788	39.40	509,269
23.	.307	.816	40.80	527,393	.317	.853	42.65	551,307	.207	.604	33.20	429,153	.324	.881	44.05	569,404
24.	.308	.820	41.00	529,978	.318	.857	42.85	553,892	.272	.683	34.15	441,433	.254	.618	30.90	399,423
25.	.307	.816	40.80	527,393	.319	.861	43.05	556,477	.275	.694	34.70	448,543	.134	.241	12.05	155,762
26.	.307	.816	40.80	527,393	.320	.865	43.25	559,062	.274	.690	34.50	445,957	.194	.415	20.75	268,221
27.	.306	.812	40.60	524,808	.321	.869	43.45	561,648	.271	.679	33.95	438,848	.277	.702	35.10	453,713
28.	.306	.812	40.60	524,808	.322	.873	43.65	564,233	.276	.698	34.90	451,128	.278	.706	35.30	456,298
29.	.305	.808	40.40	522,223	.323	.877	43.85	566,818	.204	.653	32.65	422,044	.260	.641	32.05	414,288
30.	.303	.800	40.00	517,052	.325	.885	44.25	571,989	.280	.641	32.05	414,288	.258	.633	31.65	409,117
31.	.303	.800	40.00	517,052					.274	.690	34.50	445,957	.256	.626	31.30	404,593
Total				17,742,639				15,898,056				13,355,452				14,767,561
Average	.324	.886	44.28	572,342	.308	.820	41.00	529,935	.267	.667	33.33	430,821	.285	.737	36.85	476,373

Day.	September.				October.				November.				December.			
	Mean head over weir.	Discharge.			Mean head over weir.	Discharge.			Mean head over weir.	Discharge.			Mean head over weir.	Discharge.		
		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.		Second-feet.	Miner's inches.	Gallons for 24 hours.
1	0.254	0.618	30.90	399,423	0.240	0.567	28.35	366,461	0.228	0.528	26.40	341,254	0.223	0.510	25.50	329,621
2	.252	.612	30.60	395,545	.238	.561	28.05	362,583	.228	.528	26.40	341,254	.222	.507	25.35	327,682
3	.250	.604	30.20	390,374	.260	.641	32.05	414,288	.228	.528	26.40	341,254	.222	.507	25.35	327,682
4	.250	.604	30.20	390,374	.276	.698	34.90	451,128	.228	.528	26.40	341,254	.222	.507	25.35	327,682
5	.248	.596	29.80	385,204	.260	.641	32.05	414,288	.228	.528	26.40	341,254	.222	.507	25.35	327,682
6	.248	.596	29.80	385,204	.250	.604	30.20	390,374	.228	.528	26.40	341,254	.222	.507	25.35	327,682
7	.248	.596	29.80	385,204	.244	.581	29.05	375,509	.228	.528	26.40	341,254	.222	.507	25.35	327,682
8	.248	.596	29.80	385,204	.241	.570	28.50	368,400	.228	.528	26.40	341,254	.222	.507	25.35	327,682
9	.248	.596	29.80	385,204	.240	.567	28.35	366,461	.228	.528	26.40	341,254	.222	.507	25.35	327,682
10	.248	.596	29.80	385,204	.260	.641	32.05	414,288	.227	.524	26.20	338,669	.222	.507	25.35	327,682
11	.248	.596	29.80	385,204	.244	.581	29.05	375,509	.227	.524	26.20	338,669	.222	.507	25.35	327,682
12	.248	.596	29.80	385,204	.241	.570	28.50	368,400	.227	.524	26.20	338,669	.222	.507	25.35	327,682
13	.248	.596	29.80	385,204	.240	.567	28.35	366,461	.227	.524	26.20	338,669	.222	.507	25.35	327,682
14	.247	.592	29.80	382,618	.239	.563	28.15	363,875	.227	.524	26.20	338,669	.222	.507	25.35	327,682
15	.246	.589	29.45	380,680	.238	.560	28.00	361,936	.227	.524	26.20	338,669	.222	.507	25.35	327,682
16	.246	.589	29.45	380,680	.236	.556	27.80	359,351	.227	.524	26.20	338,669	.221	.503	25.15	325,096
17	.245	.585	29.25	378,094	.235	.553	27.65	357,412	.227	.524	26.20	338,669	.221	.503	25.15	325,096
18	.244	.581	29.05	375,509	.235	.553	27.65	357,412	.227	.524	26.20	338,669	.221	.503	25.15	325,096
19	.243	.577	28.85	372,924	.235	.553	27.65	357,412	.227	.524	26.20	338,669	.221	.503	25.15	325,096
20	.242	.574	28.70	370,985	.235	.553	27.65	357,412	.227	.524	26.20	338,669	.220	.500	25.00	323,158
21	.240	.567	28.35	366,461	.235	.553	27.65	357,412	.227	.524	26.20	338,669	.220	.500	25.00	323,158
22	.269	.671	33.55	433,677	.236	.556	27.80	359,351	.227	.524	26.20	338,669	.220	.500	25.00	323,158
23	.262	.647	32.35	418,166	.236	.556	27.80	359,351	.226	.520	26.00	336,084	.220	.500	25.00	323,158
24	.260	.641	32.05	414,288	.236	.556	27.80	359,351	.225	.517	25.85	334,145	.220	.500	25.00	323,158
25	.259	.637	31.85	411,703	.234	.549	27.45	354,827	.225	.517	25.85	334,145	.220	.500	25.00	323,158
26	.221	.503	25.15	325,096	.232	.542	27.10	350,303	.224	.514	25.70	332,206	.220	.500	25.00	323,158
27	.240	.567	28.35	366,461	.232	.542	27.10	350,303	.224	.514	25.70	332,206	.220	.500	25.00	323,158
28	.240	.567	28.35	366,461	.232	.542	27.10	350,303	.224	.514	25.70	332,206	.219	.496	24.80	320,572
29	.240	.567	28.35	366,461	.232	.542	27.10	350,303	.224	.514	25.70	332,206	.219	.496	24.80	320,572
30	.240	.567	28.35	366,461	.232	.542	27.10	350,303	.223	.510	25.50	329,621	.218	.493	24.65	318,633
31					.230	.535	26.75	345,779					.218	.493	24.65	318,633
Total				11,519,277				11,436,546				10,136,802				10,081,227
Average	.247	.594	29.70	383,976	.241	.571	28.55	368,921	.227	.523	26.15	337,893	.221	.503	25.15	325,201