

TABLE 15. BASIC DATA FOR STATIONS IN THE RIO SANTA BARBARA DRAINAGE BASIN

STATION NO. *	LOCATION	ALTITUDE (feet)	DISTANCE FROM DIVIDE (miles)	DRAINAGE AREA (miles ²)	CHANNEL SLOPE (ft/ft)	BANKFULL WIDTH (feet)	MEAN BANKFULL DEPTH (feet)	ESTIMATED BANKFULL DISCHARGE (cfs)	ESTIMATED BANKFULL MEAN VELOCITY (ft/sec)	GRAIN SIZE (millimeters) OF BED SEDIMENT (INTERMEDIATE AXIS)	LITHOLOGY OF BED SEDIMENT AND SIZE (millimeters) OF INDIVIDUAL LITHOLOGIES																					
											NUMBER OF PARTICLES MEASURED	DISTRIBUTION								MEAN	STAND. DEV.	MED- IAN *	TRASK SORTING COEF- FICIENT	SANDSTONE			QUARTZITE			LIMESTONE		
												(Percent finer than given size, in mm)												Per- cent	Mean size	Size of largest particle	Per- cent	Mean size	Size of largest particle	Per- cent	Mean size	Size of largest particle
												16	32	64	128	256	512	1024														
1'	West fork, above abandoned mine	11,000	1.1	0.95	0.020	10	0.64	17	2.66	60	0	22	78	97	100		52.2	29.3	45	1.34	none			100	52	141	none					
2'	East fork, 1.3 miles above mouth	10,400	2.5	3.75	0.021	15	1.19	46	2.58	60	0	3	22	65	95	100	117.5	74.2	103	1.47	100	117	270	none			none					
49	Main stem, 1/2 mile below campground	8,740	10.4	36.3	0.040	29	2.45	240	3.38	50		0	10	52	86	100	155.0	86.1	125	1.50	72	163	410	22	104	182	6	245	270			
56A	Main stem, below junction of east and west forks	9,130	7.4	26.3	0.041	29	1.57	190	4.17	50		0	6	44	78	96	190.3	131.2	143	1.55	80	194	630	20	177	555	none					
56B	East fork, at mouth	9,140	7.3	16.2	0.053	24	2.22	135	2.53	50		0	8	42	82	100	164.8	95.4	147	1.50	100	165	430	none			none					
56C	West fork, above junction of east fork	9,160	6.7	10.1	0.032	24	2.12	95	1.87	50		0	16	54	96	100	128.2	72.3	120	1.47	74	142	420	24	92	176	2	—	38			
57	West fork, at upper end of the "Valle Grande"	9,670	3.8	6.0	0.005	20	1.13	65	2.88	50	0	6	54	96	100		63.9	29.3	61	1.34	28	66	137	72	63	165	none					
58	Tributary (to west fork), at mouth	9,870	1.2	0.47	0.112	9	1.14	10	1.00	50		0	22	72	98	100	106.8	56.7	95	1.40	70	112	295	30	94	240	none					
59A	West fork, below tributary from east Jicarilla cirque	9,910	2.4	3.4	0.048	12	0.97	44	3.78	50	0	8	40	70	92	100	108.5	89.8	80	1.70	16	178	465	84	95	265	none					
59B	Tributary from east Jicarilla cirque, at mouth	9,925	2.4	2.2	0.060	9	1.02	32	3.48	60	0	8	55	87	100		77.5	51.8	61	1.44	9	130	255	85	68	197	none					
59C	West fork, above tributary from east Jicarilla cirque	9,920	2.2	1.24	0.032	10	0.92	21	2.28	50	0	4	34	70	100		101.1	55.2	88	1.60	14	90	172	86	103	217	none					
63	Middle fork, 3.0 miles above mouth	10,700	1.3	1.15	0.076	9	1.14	20	1.95	60	0	2	18	48	85	98	155.5	112.2	132	1.62	93	159	650	none			7	103	162			
64A	East fork, below junction of middle fork	9,940	4.3	11.6	0.036	16	1.11	105	5.91	50		0	2	42	88	100	162.6	84.0	142	1.32	98	164	360	none			2	—	75			
64B	East fork, above junction of middle fork	10,010	3.8	5.8	0.044	12	1.24	64	4.30	50		0	16	36	84	96	182.2	133.2	155	1.55	100	182	660	none			none					
64C	Middle fork, at mouth	9,980	4.2	5.7	0.043	12	0.96	63	5.47	50	0	6	18	60	80	100	144.5	109.5	113	1.70	100	144	475	none			none					
65	Main stem, at trail bridge 1.1 miles above campground	9,030	8.3	28.4	0.031	24	1.54	200	5.41	50	2	24	48	84	98	100	152.8	125.1	132	1.77	76	157	400	22	139	760	2	—	153			
66	Indian Creek, at mouth	8,780	2.7	2.3	0.104	7	0.67	33	7.04	50	0	2	20	56	90	100	130.8	81.8	116	1.56	88	139	390	none			8	71	100			
71	Main stem, 1/4 mile above campground	8,860	9.3	29.4	0.032	30	1.51	205	4.52	500	0	0.4	7	35	79	97	99.6	188.4	130.7	161	1.46	90.4	198	1230	9.0	97	290	0.6	159	240		

* The designation A, B, or C following certain station numbers refers to a clockwise order of channels at junctions, in which A is the main stem below the junction of tributaries B and C.

† Altimeter measurements.

+4% shale

TABLE 16. BASIC DATA FOR STATIONS IN THE RIO SANTA CRUZ DRAINAGE BASIN

STATION NO. *	LOCATION	ALTITUDE (feet)	DISTANCE FROM DIVIDE (miles)	DRAINAGE AREA (miles ²)	CHANNEL SLOPE (ft / ft)	BANKFULL WIDTH (feet)	MEAN BANKFULL DEPTH (feet)	ESTIMATED BANKFULL DISCHARGE (cfs)	ESTIMATED BANKFULL MEAN VELOCITY (ft / sec)	GRAIN SIZE (millimeters) OF BED SEDIMENT (INTERMEDIATE AXIS)	LITHOLOGY OF BED SEDIMENT AND SIZE (mm) OF INDIVIDUAL LITHOLOGIES																									
											NUMBER OF PARTICLES MEASURED	DISTRIBUTION (Percent finer than given size, in mm)								MEAN	STAND. DEV.	MED- IAN	TRASK SORTING COEF- FICIENT	GRANITE			QUARTZITE			AMPHIBOLITE			SCHIST AND PHYLLITE			SANDSTONE
												16	32	64	128	256	512	1024	Per- cent					Mean size	Size of largest particle	Per- cent	Mean size	Size of largest particle	Per- cent	Size of largest particle	Per- cent	Size of largest particle				
15A	Rio Medio, below jct. of trib. at Brazos cabin	—	3.9	13.0	0.038	13	1.30	114	6.74	50	0	12	38	78	96	100		96.2	65.2	77	1.59	18	88	115	74	96	320	2	36		none	6	185			
15B	Rio Medio, above jct. of trib. at Brazos cabin	—	3.9	9.9	0.034	9	1.29	94	8.10	50	0	2	34	70	94	100		107.4	81.1	87	1.57	16	93	310	80	110	410		none		none	4	148			
15C	Tributary (Brazos cabin), at mouth	—	2.3	3.0	0.039	11	1.34	40	2.71	60	2	20	53	82	100		79.2	53.6	61	1.70	20	74	243	72	83	195	2	105	3	30	3	72				
16A	Rio Medio, below trib. from Truchas Peaks area	—	2.6	6.6	0.059	8	1.42	70	6.16	45	0	4	38	75	91	98	100	117.0	118.5	80	1.55		none		100	117	620		none		none		none			
16B	Tributary (from Truchas Peaks), at mouth	—	3.1	2.9	0.111	8	0.98	39	4.97	60	0	3	22	63	92	100		125.5	77.5	104	1.56		none		98	123	320		none	2	245		none			
17	Tributary (from Pecos Baldy area), at mouth	—	1.7	1.5	0.060	8	1.14	23	2.58	45	0	2	40	86	93	100		101.9	74.1	76	1.46		none		96	102	360		none		none	4	105			
53A	Rio Medio, below Rio Frijoles	6470	17.4	86.0	0.022	24	1.45	450	12.93	50	0	18	54	84	94	96	100	97.7	124.4	59	1.63	86	107	727	6	45	62	6	48	2	33		none			
53B	Rio Medio, above Rio Frijoles	6480	17.3	55.8	0.032	23	1.32	325	10.70	50	0	4	22	64	98	100		112.2	55.9	103	1.46	82	115	275	12	96	147	2	105	2	88	2	138			
53C	Rio Frijoles, at mouth	6480	14.1	30.2	0.030	16	1.78	209	7.34	50	0	4	18	56	84	96	100	160.5	142.5	116	1.62	94	163	765	2	—	80	2	144	2	140		none			
54	Rio Quemado, at Chiquito bridge	6440	17.6	40.6	0.038	11	1.32	258	17.77	50	0	2	24	58	86	98	100	140.8	121.7	109	1.67	52	139	395	38	107	265	4	91		none	6	760			
55	Rio Quemado, above Cañada de las Tanos	6980	13.8	31.3	0.027	11	1.32	215	14.81	50	0	4	30	70	96	100		120.6	94.0	91	1.54	78	121	420	8	130	159	8	395	6	70		none			
69	Rio Medio, at point where trail leaves the canyon	8240	8.4	24.9	0.012	21	1.57	182	5.52	50		0	38	66	96	100		106.6	69.6	86	1.75	78	119	335	20	65	130		none	2	48		none			
70	Rio Medio, above Rito Gallina	7480	11.5	34.0	0.029	21	1.58	228	6.87	50		0	12	46	78	94	98	201.9	205.4	140	1.64	76	220	1160	14	88	123	8	620		none	2	128			

* The designation A, B, or C following certain station numbers refers to a clockwise order of channels at junctions, in which A is the main stem below the junction of tributaries B and C.

TABLE 17. BASIC DATA FOR STATIONS IN THE POJOAQUE RIVER DRAINAGE BASIN

STA- TION NO. *	LOCATION	ALTITUDE (feet)	DISTANCE FROM DIVIDE (miles)	DRAINAGE AREA (miles²)	CHANNEL SLOPE (ft/ft)	BANKFULL WIDTH (feet)	MEAN BANKFULL DEPTH (feet)	ESTIMATED BANKFULL DISCHARGE (cfs)	ESTIMATED BANKFULL MEAN VELOCITY (ft/sec)	NUMBER OF PARTICLES MEASURED	GRAIN SIZE (millimeters) OF BED SEDIMENT (INTERMEDIATE AXIS)																		LITHOLOGY OF BED SEDIMENT AND SIZE (millimeters) OF INDIVIDUAL LITHOLOGIES									
											DISTRIBUTION (Percent finer than given size, in mm)								MEAN	STAND. DEV.	MED- IAN	TRASK SORTING COEF- FICIENT	GRANITE			AMPHIBOLITE			LIMESTONE									
																							Per- cent	Mean size	Size of largest particle	Per- cent	Mean size	Size of largest particle	Per- cent	Mean size	Size of largest particle							
19	Rio en Medio, above chair lift	10,600	1.0	0.57	0.083	7.5	1.02	12	1.57	50		0	4	32	72	98	100	220.5	146.1	178	1.50	100	220	490	none			none										
20A	North fork Big Tesuque Creek, above road	9,680	1.8	1.62	0.080	7	0.91	25	3.99	60	0	2	12	42	85	98	100	169.3	127.7	142	1.52	100	169	830	none			none										
20B	Middle fork Big Tesuque Creek, above road	9,680	1.2	0.44	0.074	6.5	1.21	10	1.26	50		0	8	28	84	100		181.6	91.3	165	1.36	100	182	450	none			none										
21	Rio en Medio, at Aspen ranch	9,040	3.6	3.3	0.069	8	1.01	42	5.26	60		0	18	38	75	97	100	179.8	122.6	158	1.75	100	180	610	none			none										
22A	Rio Nambe, below jct. of Rio Capulin	7,660	6.5	24.6	0.036	19	1.15	180	8.24	50	0	6	32	58	94	100		124.3	77.3	103	1.75	100	124	355	none			none										
22B	Rio Capulin, at mouth	7,690	6.9	11.4	0.052	10	1.39	104	7.48	45	0	2	22	60	93	98	100	126.3	89.6	108	1.55	100	126	550	none			none										
23	Rio Nambe, below jct. of Borrego and Nambe trails	8,140	5.2	12.3	0.048	14	1.20	110	6.55	50	0	4	20	52	76	96	100	174.9	142.9	122	1.83	100	175	640	none			none										
24	Little Tesuque Creek, 0.4 mile below Black Canyon	8,140	3.4	4.1	0.030	7	1.11	50	6.37	50	0	2	32	70	96	98	100	117.3	98.4	89	1.57	100	117	260	none			none										
25	Rio Nambe, at Winsor trail crossing	10,350	1.4	0.52	0.153	9	0.94	11	1.32	60	0	2	13	35	72	93	98	225.5	209.4	170	1.67	100	225	1090	none			none										
26	Rio Nambe, 0.3 mile below Winsor trail crossing	10,050	1.7	0.69	0.061	9	0.69	14	2.21	60	0	3	22	62	92	100		127.6	84.7	107	1.54	100	128	460	none			none										
27	East fork Rio Nambe, at Winsor trail crossing	10,520	1.2	0.50	0.164	8	1.00	11	1.35	45		0	27	67	98	100	225.5	151.8	195	1.53	100	225	440	none			none											
28	Tributary to east fork Rio Nambe, at Winsor trail crossing	10,520	1.0	0.38	0.154	9	0.84	9	1.18	50	0	4	12	28	68	100		217.8	127.1	202	1.60	100	218	500	none			none										
42	Big Tesuque Creek, 0.2 mile below Borrego trail crossing	8,420	3.8	4.6	0.053	10	1.17	54	4.61	60	0	2	8	35	95	100		154.0	76.0	147	1.32	98	154	420	2	—	146	none			+2% sandstone							
43	Rio Chupadero, in gorge opposite microwave station	7,160	7.0	8.0	0.073	8	0.87	80	11.49	45	0	7	24	49	91	100		147.5	91.8	130	1.77	94	150	405	4	—	122	none										
45	Rio en Medio, 0.7 mile above En Medio	7,260	7.5	7.8	0.043	11	1.03	79	6.97	60	2	25	48	77	98	100		88.3	66.9	69	1.98	95	91	380	5	33	44	none										
46	Rio Nambe, 0.8 mile above Nambe Falls	6,880	9.4	31.1	0.026	14	1.41	215	10.89	50	0	4	32	72	92	100		111.6	80.1	86	1.48	96	116	390	4	—	76	2	—	62	+2% chert							
47	Rio Nambe, 0.4 mile above Nambe Falls	6,820	9.7	33.6	0.065	19	1.81	225	6.54	50	0	8	38	82	98	100		93.0	56.5	77	1.49	70	81	189	22	107	200	8	162	320	+2% sandstone							
48	Rio Nambe, 100 yards above Nambe Falls	6,720	10.1	34.8	0.062	11	1.07	232	19.71	50	0	4	38	66	96	98	100	118.9	98.7	86	1.66	82	120	630	12	106	126	4	—	230								
67	Rio Nambe, 0.3 mile below Nambe Falls	6,490	10.5	35.1	0.0086	18	1.31	235	9.97	250	5	29	78	98	100		48.1	27.9	42	1.45	75	46	169	7	52	127	16	57	197	+1% sandstone and 1% cher								
68	Rio Nambe, 100 yards below Nambe Falls	6,560	10.2	35.0	0.024	10	0.89	233	26.18	60	0	3	27	77	97	100		97.8	55.0	88	1.41	80	94	335	11	102	262	7	119	212	+2% sandstone							