

TABLE 18. BASIC DATA FOR STATIONS IN THE PECOS RIVER 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)	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.	MEDIAN	TRASK SORTING COEFFICIENT	GRANITE			AMPHIBOLITE			QUARTZITE			SCHIST AND PHYLLITE			SANDSTONE			LIMESTONE			OTHER		
											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	Mean size	Size of largest particle	Per-cent	Mean size	Size of largest particle	Per-cent	Mean size	Size of largest particle	Per-cent	Mean size	Size of largest particle	Lithology	Per-cent	Mean size	Size of largest particle
1A	Pecos River, below jct. of Rio Mora	7,880	17.5	134	0.013	76	2.20	617	3.69	100	1	3	24	71	93	100	115.3	74.4	94	1.46	49	134	365	20	105	285	14	109	225	none	12	80	225	3	85	150	chert	2	—	67			
1B	Pecos River, above jct. of Rio Mora	7,890	17.5	79	0.009	43	2.83	420	3.45	100	1	5	23	57	92	100	123.1	73.4	114	1.57	14	83	310	11	137	307	11	102	160	none	56	118	295	8	63	145							
1C	Rio Mora, at mouth	7,900	18.7	55	0.028	48	2.22	325	3.05	100	0	1	19	61	89	100	136.1	108.5	108	1.54	43	138	680	31	154	570	13	114	270	none	11	127	215	none			chert	2	—	38			
2A	Pecos River, below jct. of Panchuela Creek	—	14.2	68	0.008	35	2.09	376	5.14	100	1	4	21	65	97	100	111.9	59.2	107	1.46	20	127	715	2	—	145	10	79	135	none	62	114	275	5	105	165	chert	1	—	37			
2B	Panchuela Creek, at mouth	—	7.5	23	0.018	15	2.09	173	5.52	50	0	8	70	98	100	116.8	44.6	102	1.29	none	none	10	86	123	none	86	121	270	2	—	72	chert	2	—	125								
2C	Pecos River, above jct. of Panchuela Creek	—	14.2	45	0.016	28	1.88	280	5.32	50	2	12	30	82	98	100	97.2	59.6	82	1.44	32	84	150	none	14	128	275	none	50	99	225	4	—	103									
3A	Panchuela Creek, below jct. of Cave Creek	8,550	5.2	20	0.032	19	1.59	156	5.16	50	0	8	18	70	94	100	227.4	150.5	201	1.43	2	—	95	none	none	none	none	none	98	230	890	none											
3B	Cave Creek, at mouth	8,610	4.3	7.4	0.038	20	1.74	76	2.18	50	0	2	8	42	80	92	204.2	179.6	147	1.53	none	none	none	none	none	none	none	none	100	204	830	none											
3C	Panchuela Creek, above jct. of Cave Creek	8,650	5.2	13	0.022	17	1.77	114	2.75	50	0	2	6	32	68	98	216.6	135.9	182	1.57	none	none	none	none	none	none	none	94	221	505	6	140	185										
4	Cave Creek, below jct. of Rito Escuro	9,130	3.5	6.4	0.078	18	1.11	68	3.40	35	0	3	23	52	83	97	168.3	141.2	124	1.75	17	278	490	3	—	210	none	3	—	53	74	150	660	3	—	50							
5A	Pecos River, below jct. of Rito de las Chimoyosos	9,990	6.7	24	0.026	25	1.81	178	3.93	50	0	2	18	44	88	98	160.0	138.3	138	1.59	none	none	34	174	480	8	294	903	58	133	330	none											
5B	Rito de las Chimoyosos, at mouth	10,000	5.8	15	0.048	28	2.04	128	2.24	50	0	18	48	84	100	157.8	95.1	131	1.64	2	—	47	2	—	250	28	163	410	2	—	113	64	162	440	2	—	32						
5C	Pecos River, above jct. of Rito de las Chimoyosos	10,010	6.7	8.6	0.048	18	1.77	85	2.67	50	0	2	28	56	84	100	146.4	109.1	112	1.80	none	none	12	139	260	4	—	340	84	144	510	none											
7	Pecos River, at bridge 1/4 mile east of Pecos village	—	33	233	0.012	60	1.55	910	9.78	50	0	10	40	82	98	100	93.8	77.8	74	1.56	12	94	245	4	—	103	2	—	53	none	12	100	222	70	95	470							
8	Pecos River, near El Macho church	—	24	182	0.012	60	1.57	770	8.17	50	0	2	18	58	82	94	157.4	136.0	113	1.65	32	227	530	16	214	525	4	—	90	none	24	96	190	24	101	260							
9A	Rio Mora, below jct. of Bear Creek	8,100	17	54	0.019	37	1.49	318	5.77	50	0	2	20	62	80	92	165.3	148.3	107	1.75	36	156	545	36	225	545	14	98	205	none	14	103	222	none									
9B	Rio Mora, above jct. of Bear Creek	8,110	17	38	0.030	39	1.46	247	4.34	50	0	4	28	72	96	98	110.2	88.6	89	1.49	34	145	560	22	91	225	18	98	175	none	26	89	170	none									
9C	Bear Creek, at mouth	8,120	8.7	16	0.042	19	1.17	130	5.85	50	0	10	24	58	92	100	122.2	84.3	112	1.59	40	141	480	50	114	265	2	—	72	none	8	92	182	none									
10A	Rito de las Chimoyosos, below jct. of Rito del Padre	9,610	4.8	13	0.020	25	2.06	115	2.23	50	0	14	46	70	96	100	191.0	137.8	143	1.80	none	none	36	249	690	2	—	70	56	167	430	6	106	175									
10B	Rito de las Chimoyosos, above jct. of Rito del Padre	9,620	4.8	7.8	0.054	17	1.80	79	2.51	50	0	8	38	78	96	100	195.2	133.5	158	1.54	none	10	223	270	38	263	560	none	44	145	245	8	115	175									
10C	Rito del Padre, at mouth	9,620	3.9	5.4	0.039	22	1.73	61	1.60	50	0	4	18	62	92	96	151.2	152.0	107	1.89	none	2	—	255	24	229	890	4	—	122	68	130	280	2	—	115							
11	Pecos River, 0.6 mile below Beatty's cabin	—	7.4	25	0.025	30	1.64	183	3.72	50	0	2	10	50	76	96	177.1	133.0	128	1.66	none	2	—	80	24	130	320	14	346	580	60	160	395	none									
12A	Rio Mora, below jct. of Rio Valdez	—	9.3	25	0.027	23	1.69	183	4.73	50	0	12	44	66	100	193.3	130.1	147	1.88	24	343	490	8	259	380	48	123	280	4	—	62	16	182	320	none								
12B	Rio Valdez, at mouth	—	8.7	8.2	0.047	15	1.14	82	4.79	45	0	4	16	60	89	94	160.7	175.4	110	1.50	36	266	1050	none	11	108	175	2	—	155	51	99	170	none									
12C	Rio Mora, above jct. of Rio Valdez	—	9.3	17	0.017	36	1.44	138	2.66	50	0	2	28	76	96	100	106.3	71.0	88	1.43	12	134	435	none	60	103	310	4	—	78	22	115	220	none	chert	2	—	49					
13	Rio Valdez, 1.6 miles above mouth	—	7.1	6.6	0.033	13	1.17	70	4.60	60	0	7	33	70	95	98	108.6	86.1	87	1.63	none	7	50	71	20	149	285	none	73	103	570	none											
14A	Rio Mora, below jct. of Rito los Steros	—	10.5	29	0.017	24	1.32	202	6.38	50	0	2	44	84	94	98	99.2	94.4	70	1.42	12	185	400	8	85	105	46	65	120	2	—	78	32	122	575	none							
14B	Rio Mora, above jct. of Rito los Steros	—	10.5	26	0.023	24	1.12	138	5.13	50	0	4	18	72	98	100	105.8	50.8	98	1.38	18	129	285	4	—	190	42	84	137	none	36	111	192	none									
14C	Rito los Steros, at mouth	—	3.5	2.5	0.063	9	1.23	34	3.12	45	0	18	62	89	100	139.4	87.8	107	1.54	49	130	300	7	258	315	none	none	44	132	340	none												
18	Jacks Creek, at Pecos Baldy trail crossing	10,070	2.8	2.8	0.088	10	1.41	38	2.69	45	0	11	35	67	80	98	142.3	133.9	89	1.98	none	none	9	114	200	none	78	154	520	13	95	145											
31	Winsor Creek, 3.1 miles above mouth	9,330	3.0	2.8	0.086	11	1.15	38	3.00	45	0	7	25	60	80	98	311.9	232.5	212	1.80	46	445	1200	none	none	none	35	141	265	12	347	1010	shale	7	213	600							
32	Winsor Creek, at mouth	8,160	6.2	7.2	0.040	17	0.82	74	5.31	45	0	9	40	80	98	100	93.4	64.0	75	1.54	2	—	76	none	none	none	80	99	340	9	91	126	shale	7	26	—	37	104					
33	Horsethief Creek, 1.7 miles above cabin in Horsethief Meadows	9,870	0.7	0.5	0.065	11	0.87	11	2.11	60	3	22	50	87	98	100	78.5	59.8	64	1.65	57	63	158	none	none	none	43	99	335	none													
34	Horsethief Creek, 0.3 mile below cabin in																																										