

USGS ID	Name	Latitude	Longitude	Region	Glacier Ca	Basin Area	Glacier Co	Mean Prec
15008000	Salmon	56.02582	-130.067	Southeast	High	284.182	37.41	2374.585
15015595	Unuk	56.24021	-130.882	Southeast	Medium	1987.552	21.63	2432.763
15022000	HARDING	56.21298	-131.6384	Southeast	Low	174.751	7.173	2775.93
15024800	STIKINE	56.70772	-132.132	Southeast	Low	50843.22	7.085	1512.933
15041200	Taku	58.5383	-133.7017	Southeast	Low	16965.01	5.896	1996.645
15052800	MONTANA	58.39773	-134.6112	Southeast	Low	37.231	2.632	2575.283
15056500	CHILKAT	59.41495	-135.931	Southeast	Medium	2048.087	17.672	1369.098
15085100	OLD TOM	55.39519	-132.4086	Southeast	No Glacier	16.222	0	3262.34
15106920	KADASHA	57.66244	-135.1868	Southeast	No Glacier	26.706	0	3105.437
15129000	ALSEK R	59.39471	-138.0837	Central	CoMedium	27174	19.013	1003.848
15212000	COPPER R	61.46556	-144.4558	Copper Riv	Medium	53806.8	19.082	697.2
15214000	Copper at	60.67114	-144.7467	Copper Riv	Medium	63187.19	20.002	827.607
15216000	POWER C	60.58668	-145.62	Copper Riv	Medium	53.404	12.334	3115.54
15238600	Spruce Cr	60.06888	-149.4544	Prince Wil	No Glacier	24.087	0	2061.842
15239500	FRITZ C	59.70773	-151.3452	Knik Arm/	No Glacier	26.722	0	946.13
15241600	NINILCHIK	60.04842	-151.6649	Knik Arm/	No Glacier	350.158	0	712.967
15258000	KENAI R	60.49219	-149.8099	Knik Arm/	Medium	1664.549	11.535	1741.11
15266110	KENAI R E	60.4661	-150.6011	Knik Arm/	Medium	3244.388	16.282	1516.919
15266300	KENAI R	60.47693	-151.0817	Knik Arm/	Medium	5223.066	11.441	1254.727
15274000	SF CAMPE	61.16667	-149.7728	Knik Arm/	No Glacier	69.468	0	898.127
15274600	CAMPBEL	61.13889	-149.9255	Knik Arm/	No Glacier	175.296	0	728.179
15276000	Ship	61.22501	-149.6372	Knik Arm/	Low	232.029	0.076	1049.304
15281000	KNIK R N	61.50446	-149.0328	Knik Arm/	High	3156.948	40.01	1544.348
15284000	MATANUS	61.60863	-149.073	Knik Arm/	Medium	5328.787	10.843	804.667
15291000	SUSITNA R	63.10344	-147.5181	Susitna Riv	Medium	2374.415	22.658	694.968
15291700	SUSITNA	62.82333	-148.6047	Susitna Riv	No Glacier	13289.51	0	581.791
15292000	SUSITNA	62.76729	-149.6934	Susitna Riv	Low	15883.4	4.231	627.241
15292400	CHULITNA	62.55811	-150.2362	Susitna Riv	Medium	6526.422	19.768	1026.308
15292700	TALKEETNA	62.34644	-150.0192	Susitna Riv	Low	5207.22	4.631	1046.644
15292780	Susitna	62.17485	-150.1727	Susitna Riv	Low	28678.58	7.683	801.716
15294100	DESHKA R	61.76752	-150.3392	Susitna Riv	No Glacier	1545.291	0	738.008
15294350	SUSITNA R	61.54418	-150.5147	Susitna Riv	Low	50137.88	8.793	835.051
15294500	CHAKACHA	61.21163	-152.3594	W Cook In	Medium	2805.493	21.839	1272.635
15294700	JOHNSON	60.09411	-152.9128	W Cook In	High	64.093	30.48	937.511

Mean Tem	Metamorpi	Plutonic (%)	Sedimenta	Volcanic (b_Value	Hb_Value	Cb_Value	Mb_Value	N
4.874	0	27.247	9.434	53.884	-0.205	-0.243	-0.139	-0.049	
4.889	3.845	7.912	2.471	10.65	-0.286	-0.279	-0.312	-0.366	
6.803	48.101	12.975	0	0	-0.158	-0.183	-0.153	-0.33	
3.565	0.134	0.444	0.838	0.596	-0.267	-0.255	-0.301	-0.285	
3.495	0.179	1.099	3.721	1.667	-0.094	-0.238	-0.33	-0.265	
6.597	0	6.659	46.671	0	-0.152	-0.157	-0.389	0.035	
1.468	0	15.539	4.594	13.114	-0.558	-0.412	-0.588	-0.911	
9.407	0	0	41.863	58.137	-0.282	-0.237	-0.189	-0.22	
7.898	0	1.262	0	97.475	-0.296	-0.287	-0.155	-0.713	
1.334	4.911	0.985	1.912	0.707	-0.171	-0.179	-0.251	-0.182	
1.274	0	0.298	1.415	0.481	-0.132	-0.155	-0.305	0.098	
1.491	0	0.256	1.407	0.376	-0.201	-0.186	-0.248	-0.002	
4.974	0	0	42.1	57.9	-0.202	-0.225	-0.096	-0.128	
5.097	0	0	90	0	-0.179	-0.108	-0.164	-0.173	
6.457	0	0	50	0	-0.361	-0.39	-0.427	-0.379	
6.581	0	0	100	0	-0.385	-0.345	-0.374	-0.464	
4.659	0	0	86.68	0	0.018	0.026	-0.067	0.127	
4.853	0	0	18.779	2.295	0.044	0.026	0.019	0.059	
5.379	0	0	20.636	1.467	-0.108	-0.049	-0.25	-0.137	
3.828	0	0	2.117	95.765	-0.221	-0.149	-0.222	-0.167	
5.115	0	0	21.809	56.382	-0.238	-0.118	-0.228	-0.104	
3.864	0	0	10.506	78.989	-0.134	-0.094	-0.121	-0.07	
2.049	0	0.006	12.601	2.084	-0.159	-0.203	-0.237	-0.348	
0.52	0	5.506	4.282	4.542	-0.116	-0.144	-0.222	-0.011	
-0.122	0	4.779	5.233	4.459	-0.279	-0.235	-0.369	-0.326	
0.986	0	1.688	4.226	3.166	-0.242	-0.148	-0.393	-0.225	
1.11	0	1.37	3.914	2.458	-0.157	-0.217	-0.341	-0.031	
1.304	0	2.94	5.585	3.575	-0.116	-0.14	-0.117	-0.084	
1.005	0	8.346	4.538	11.681	-0.169	-0.249	-0.253	0.183	
1.299	0	1.074	2.247	1.72	-0.211	-0.229	-0.217	0.208	
6.432	0	0	100	0	-0.454	-0.389	-0.375	-0.449	
2.128	0	0.596	2.157	0.882	-0.183	-0.193	-0.205	0.159	
0.186	0	30.082	1.071	1.055	0.011	0.046	0.122	-0.101	
4.448	0	0	30.501	0	-0.116	-0.183	-0.196	-0.133	

b_Value	S_b_Value	T Mean	Asp	Mean Slope	Mean Elev	Relief (m)	Barren Lar	Forest (%)	Grassland
-0.127	3.51	184.738	20.335	1213.15	2308	21.902	4.84	4.429	
-0.239	2.042	185.149	25.003	1118.631	2499	22.156	8.472	2.297	
-0.263	0.046	185.447	29.402	732.407	1768	20.547	11.903	0	
-0.299	1.605	181.78	17.238	1283.584	3074	21.343	11.762	5.118	
-0.213	0.572	185.728	16.592	1128.898	2673	18.564	12.566	6.526	
-0.239		174.39	22.562	494.56	1473	4.687	21.661	0	
-0.432		180.354	20.359	1150.272	2504	34.735	3.663	3.283	
		195.497	19.129	281.081	807	0.229	29.767	0	
-0.156	1.129	171.957	20.879	333.299	742	0.132	28.552	0	
-0.156		181.843	15.334	1225.706	4396	28.159	6.861	7.662	
-0.249	1.26	197.926	13.163	1258.24	5751	22.329	7.811	0.456	
-0.305	0.638	198.307	13.826	1216.413	5854	23.985	7.294	0.509	
-0.191	2.591	222.439	25.168	614.134	1384	33.198	11.126	0.346	
-0.073	0.221	195.667	22.688	647.687	1259	39.941	16.773		
-0.172		215.304	8.541	283.575	407	0	16.87	0	
-0.443		256.232	3.365	201.241	624	0.007	16.102	0	
0.044	0.109	213.237	20.802	752.099	1822	24.365	6.525	0	
0.029	-0.176	218.965	16.715	701.567	1894	16.495	6.624	0	
-0.139	0.16	224.102	12.427	557.945	1935	12.151	10.143	0	
-0.096		230.666	20.007	857.428	1503	20.825	2.535	0	
-0.145	0.28	246.882	12.609	532.453	1597	11.698	6.794	0	
-0.109		214.264	22.06	903.145	1927	18.427	2.614	0	
0.01		220.196	19.389	1226.91	3969	32.459	1.481	0.21	
-0.039	0.72	207.161	21.675	1302.529	3820	40.27	3.302	0.753	
-0.22	1.586	203.06	13.47	1341.588	3286	27.407	0.564	0.307	
-0.456	1.334	199.971	9.312	1116.504	3572	14.64	5.733	0.536	
-0.402		201.435	9.965	1088.43	3825	14.986	5.827	0.489	
-0.073	1.226	198.701	16.908	1104.55	5605	30.987	2.855	0.293	
-0.177	0.9	211.384	16.783	1104.991	2558	31.203	3.355	0.654	
	0.923	202.905	12.609	1065.916	5670	21.083	4.177	0.456	
-0.246	1.377	180.495	1.352	152.366	436	0.003	17.873	0	
-0.278	1.206	205.149	12.546	919.317	6161	20.888	5.159	0.336	
-0.029	0.205	221.084	23.277	1250.877	3132	51.084	1.408	0	
-0.198	2.193	204.747	22.56	723.56	1431	34.798	1.155	0	

Shrubland Wetland (%)	Mean q	m	Median H	Median Ca	Median Mg	Median Na	Median Si	Median TS
7.542	0.002	0.107	696.529	294.426	37.029	20.933	36.615	63
13.217	0.146	0.086	655.557	416.687	61.716	60.941	68.487	50
35.016	0.111	0.121	196.667	92.32	16.458	20.457	64.077	6
15.212	0.007	0.031	868.613	424.173	117.466	63.316	77.391	238
15.211	0.023	0.023	975.141	499.027	154.084	53.96	83.965	222.5
23.012	0.022	0.078	417.917	177.155	47.315	33.982	53.259	20
25.296	0.282	0.047	442.501	207.096	57.601	4.417	53.259	262
4.62	0.326	0.075	270.417	157.193	23.863	18.587	38.28	1
13.789	0.271	0.068	368.751	215.829	28.801	14.713	86.545	3
12.127	0.054	0.033	1319.308	723.589	193.376	54.083	61.58	313.5
21.572	4.508	0.02	1319.308	598.832	148.118	78.022	111.51	999.5
21.428	3.963	0.035	885.002	499.027	119.728	67.612	74.895	874
26.027	0.416	0.136	311.389	163.431	20.572	25.52	53.259	5
31.354	0	0.095	376.945	244.523	16.458	23.991	38.28	1
41.864	3.877	0.013	885.002	165.926	148.118	107.142	466.012	12
27.636	21.516	0.009	868.613	195.619	149.763	231.86	493.473	19
34.798	0.438	0.05	491.668	274.465	37.029	29.394	61.58	8
35.444	1.05	0.048	442.501	243.775	29.541	25.264	46.934	4
28.742	6.295	0.033	475.279	241.28	40.774	36.565	64.742	17.5
70.832	0.206	0.016	491.668	299.416	74.47	33.873	111.51	2
41.689	2.097	0.011	753.89	374.27	119.317	36.802	118.999	42
73.184	0.036	0.018	917.779	474.076	127.546	67.013	133.146	19.5
19.58	1.349	0.076	999.724	523.978	115.203	46.556	61.58	874
31.902	0.954	0.022	1278.336	773.492	185.147	118.373	106.517	931.5
41.58	5.996	0.036	1114.446	523.978	127.546	58.107	114.839	724.5
54.543	4.326	0.019	998.085	566.396	128.369	45.879	108.847	151
55.587	3.869	0.018	1098.058	523.978	125.9	39.416	119.832	375
36.753	2.518	0.041	847.307	461.6	158.404	57.124	76.143	512
45.528	0.538	0.022	709.64	374.27	75.705	52.653	126.489	171
48.364	3.245	0.027	837.474	449.124	109.648	43.053	101.524	485
3.738	40.775	0.016	458.89	163.681	57.601	62.674	199.719	6.5
40.39	7.188	0.029	901.391	474.076	115.203	37.753	107.765	452
19.966	0.093	0.038	393.334	219.572	45.258	27.049	86.545	36
28.785	0.036	0.218	278.612	181.646	25.756	18.873	45.187	29

HCO3 Yield Ca Yield (tMg Yield (tNa Yield (tSiO2 YieldK Yield (t/ TSS Yield (t/km2/y)

194.015	95.6574	7.647036	6.849671	18.67748	5.440928	95557.11
285.0207	117.1869	10.00992	10.32355	29.13867	5.991362	2191.888
80.93173	20.34208	2.576884	5.170161	18.87296	4.499979	266.3476
183.2127	59.18688	8.96074	6.616485	16.24518	3.386037	1933.504
217.1088	65.34546	11.86985	4.656884	10.15574	3.256867	698.3774
106.5652	35.13798	5.180749	5.940139	17.49648	2.330117	1594.882
267.5833	76.10888	12.93556	7.361631	28.15959	13.1543	1877.921
80.71879	30.19281	3.149041	8.132158	12.98176	3.590139	27.71368
98.35565	32.71758	3.842096	10.15942	20.66992	1.501316	652.8985
187.9157	72.605	10.32778	4.210793	8.81018	4.815679	1076.162
27.03688	7.728063	1.133424	1.38265	2.128128	0.561601	643.1148
281.2363	75.95769	10.79944	11.84953	16.35964	6.804424	4660.233
236.7736	73.99964	7.565936	14.82082	47.04795	2.146556	1407.144
203.791	68.59688	2.26846	8.899812	17.54705	1.795131	2587.653
32.63616	6.810758	3.551659	5.936749	28.06369	2.068254	358.4219
40.32315	6.082305	2.746824	5.229525	22.67398	1.908953	68.5644
159.7647	60.36748	5.663501	6.233087	21.93402	4.075777	64.37916
154.7145	54.72452	3.995769	5.837082	15.82456	4.084416	19.06993
99.47192	34.61884	3.230654	4.675088	13.92456	2.887758	160.7572
45.04476	17.62321	2.686897	1.603445	10.10844	0.432029	16.9647
54.33581	18.30727	3.432879	2.983123	9.18756	0.751028	174.3562
82.26526	27.39272	4.66404	3.662037	11.38567	1.044765	37.74345
1771.408	592.3602	67.3521	37.88743	173.7376	28.20355	62751.68
183.1738	68.74002	9.622663	12.28502	16.3516	2.200277	7823.445
309.928	96.77758	15.43661	16.20934	27.38343	13.75955	7253.19
125.8457	45.41987	6.139332	10.09438	12.67358	5.177515	759.982
161.0905	50.56535	7.407778	11.43798	18.23458	5.649039	1921.79
294.9217	103.1027	20.16453	8.508097	24.50513	8.473883	7676.011
109.6212	35.81114	4.339614	12.02609	17.43785	2.357642	2432.325
188.6233	55.97043	8.379324	11.16279	18.95493	4.858387	4666.447
39.72158	9.546877	2.257599	2.83421	21.6143	1.446189	92.90616
160.9782	54.13796	8.239477	8.831978	17.53421	4.221	2805.282
131.7741	55.7944	7.290274	8.132861	29.50833	9.141682	282.7878
336.938	145.6455	11.97764	16.17636	53.74494	6.364999	5649.285