
 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA (USGS-NWIS record)
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1957

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Nov.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Dec.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Jan.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Feb.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Mar.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Apr.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
May	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
June	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
July	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Aug.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
Sept.	-1.00	-1.00	-1.00	-1.000	-1.000	-1.000	-1.00	-1.000
	103.85	96.78	7.07	0.514	0.479	0.035	93.19	0.477

Above summary information based on 27 days of good base-flow values.

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1958

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	92.61	82.41	10.20	0.526	0.468	0.058	88.99	0.406
Nov.	94.97	79.85	15.11	0.522	0.439	0.083	84.08	0.393
Dec.	78.94	73.67	5.27	0.448	0.418	0.030	93.33	0.363
Jan.	70.84	66.57	4.27	0.402	0.378	0.024	93.97	0.328
Feb.	91.54	76.88	14.66	0.470	0.394	0.075	83.98	0.379
Mar.	104.23	93.62	10.61	0.592	0.532	0.060	89.82	0.461

Apr.	183.30	172.47	10.83	1.007	0.948	0.060	94.09	0.850
May	1861.58	964.61	896.97	10.572	5.478	5.094	51.82	4.752
June	1266.43	1081.65	184.79	6.960	5.945	1.016	85.41	5.328
July	324.52	303.52	21.00	1.843	1.724	0.119	93.53	1.495
Aug.	142.39	138.58	3.81	0.809	0.787	0.022	97.33	0.683
Sept.	90.97	85.35	5.62	0.500	0.469	0.031	93.82	0.420
	368.66	268.89	99.77	24.652	17.980	6.672	72.94	1.325

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1959

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	108.87	97.25	11.62	0.618	0.552	0.066	89.33	0.479
Nov.	120.57	98.20	22.37	0.663	0.540	0.123	81.45	0.484
Dec.	175.45	141.53	33.92	0.996	0.804	0.193	80.67	0.697
Jan.	131.65	104.68	26.97	0.748	0.594	0.153	79.52	0.516
Feb.	95.96	85.12	10.85	0.492	0.437	0.056	88.70	0.419
Mar.	113.29	110.50	2.79	0.643	0.628	0.016	97.54	0.544
Apr.	392.57	340.32	52.24	2.158	1.870	0.287	86.69	1.676
May	1052.58	863.62	188.96	5.978	4.905	1.073	82.05	4.254
June	1774.00	1329.98	444.02	9.750	7.310	2.440	74.97	6.552
July	963.48	838.96	124.53	5.472	4.765	0.707	87.08	4.133
Aug.	236.65	228.16	8.49	1.344	1.296	0.048	96.41	1.124
Sept.	174.10	149.21	24.89	0.957	0.820	0.137	85.70	0.735
	445.93	366.69	79.25	29.819	24.520	5.299	82.23	1.806

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1960

interval = 5 days

Mean stream-	Mean base	Mean surface	Total stream-	Total base	Total surface	BF/ stream-	Base flow
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	flow (ft3/s)	flow (ft3/s)	runoff (ft3/s)	flow (in)	flow (in)	runoff (in)	flow (%)	(ft3/s/ mi2)
Oct.	292.29	193.10	99.19	1.660	1.097	0.563	66.06	0.951
Nov.	287.67	162.15	125.52	1.581	0.891	0.690	56.37	0.799
Dec.	363.52	212.62	150.90	2.065	1.208	0.857	58.49	1.047
Jan.	142.32	136.93	5.39	0.808	0.778	0.031	96.21	0.675
Feb.	107.52	104.89	2.63	0.571	0.557	0.014	97.56	0.517
Mar.	155.81	122.11	33.70	0.885	0.693	0.191	78.37	0.602
Apr.	497.73	307.20	190.53	2.736	1.688	1.047	61.72	1.513
May	900.39	687.11	213.28	5.114	3.902	1.211	76.31	3.385
June	1505.93	1173.04	332.90	8.277	6.447	1.830	77.89	5.779
July	676.65	620.20	56.45	3.843	3.522	0.321	91.66	3.055
Aug.	193.26	179.07	14.18	1.098	1.017	0.081	92.66	0.882
Sept.	104.60	101.50	3.10	0.575	0.558	0.017	97.04	0.500
	435.65	333.45	102.19	29.211	22.359	6.852	76.54	1.643

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1961

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	81.26	77.17	4.09	0.461	0.438	0.023	94.97	0.380
Nov.	81.50	73.39	8.11	0.448	0.403	0.045	90.05	0.362
Dec.	63.81	56.31	7.49	0.362	0.320	0.043	88.26	0.277
Jan.	69.52	59.80	9.71	0.395	0.340	0.055	86.03	0.295
Feb.	102.50	89.62	12.88	0.526	0.460	0.066	87.43	0.441
Mar.	126.68	119.84	6.84	0.719	0.681	0.039	94.60	0.590
Apr.	302.47	255.99	46.48	1.662	1.407	0.255	84.63	1.261
May	1286.81	1064.54	222.27	7.308	6.046	1.262	82.73	5.244
June	2050.77	1407.97	642.80	11.271	7.738	3.533	68.66	6.936
July	471.97	430.15	41.82	2.680	2.443	0.237	91.14	2.119
Aug.	165.61	158.89	6.73	0.941	0.902	0.038	95.94	0.783
Sept.	95.37	87.27	8.09	0.524	0.480	0.044	91.51	0.430
	408.24	323.88	84.36	27.299	21.657	5.641	79.34	1.595

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1962 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	78.65	71.63	7.02	0.447	0.407	0.040	91.08	0.353
Nov.	63.83	54.29	9.54	0.351	0.298	0.052	85.05	0.267
Dec.	61.16	53.84	7.32	0.347	0.306	0.042	88.03	0.265
Jan.	91.97	64.65	27.32	0.522	0.367	0.155	70.30	0.318
Feb.	117.14	77.39	39.75	0.601	0.397	0.204	66.07	0.381
Mar.	83.97	80.32	3.65	0.477	0.456	0.021	95.66	0.396
Apr.	339.10	200.02	139.08	1.864	1.099	0.764	58.98	0.985
May	580.45	384.37	196.08	3.297	2.183	1.114	66.22	1.893
June	1121.87	955.35	166.52	6.166	5.251	0.915	85.16	4.706
July	450.77	401.76	49.01	2.560	2.282	0.278	89.13	1.979
Aug.	166.87	165.69	1.18	0.948	0.941	0.007	99.30	0.816
Sept.	84.83	81.97	2.87	0.466	0.450	0.016	96.62	0.404
	269.86	215.91	53.95	18.045	14.437	3.608	80.01	1.064

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1963 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	98.45	83.67	14.78	0.559	0.475	0.084	84.99	0.412
Nov.	159.33	125.77	33.56	0.876	0.691	0.184	78.93	0.620
Dec.	152.32	133.62	18.70	0.865	0.759	0.106	87.72	0.658
Jan.	96.13	67.39	28.74	0.546	0.383	0.163	70.10	0.332
Feb.	156.00	108.32	47.68	0.800	0.556	0.245	69.44	0.534
Mar.	139.61	137.02	2.60	0.793	0.778	0.015	98.14	0.675
Apr.	173.50	167.46	6.04	0.954	0.920	0.033	96.52	0.825
May	924.48	690.82	233.66	5.250	3.923	1.327	74.73	3.403
June	1123.23	1052.59	70.64	6.173	5.785	0.388	93.71	5.185
July	383.94	348.74	35.20	2.180	1.981	0.200	90.83	1.718
Aug.	176.94	163.16	13.78	1.005	0.927	0.078	92.21	0.804
Sept.	94.83	89.72	5.12	0.521	0.493	0.028	94.60	0.442

 306.91 264.26 42.65 20.523 17.671 2.852 86.10 1.302

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1964

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	80.87	62.51	18.36	0.459	0.355	0.104	77.30	0.308
Nov.	90.53	80.17	10.37	0.498	0.441	0.057	88.55	0.395
Dec.	94.23	76.01	18.21	0.535	0.432	0.103	80.67	0.374
Jan.	87.52	72.22	15.29	0.497	0.410	0.087	82.53	0.356
Feb.	68.31	66.51	1.80	0.363	0.353	0.010	97.37	0.328
Mar.	74.23	72.12	2.11	0.422	0.410	0.012	97.16	0.355
Apr.	155.60	146.57	9.03	0.855	0.806	0.050	94.20	0.722
May	594.58	491.45	103.13	3.377	2.791	0.586	82.66	2.421
June	1819.67	1625.84	193.82	10.001	8.936	1.065	89.35	8.009
July	778.03	715.17	62.87	4.419	4.062	0.357	91.92	3.523
Aug.	210.13	200.69	9.44	1.193	1.140	0.054	95.51	0.989
Sept.	94.27	90.49	3.78	0.518	0.497	0.021	95.99	0.446
	345.05	307.70	37.36	23.137	20.632	2.505	89.17	1.516

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1965

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	99.35	90.17	9.19	0.564	0.512	0.052	90.75	0.444
Nov.	72.07	66.21	5.86	0.396	0.364	0.032	91.87	0.326
Dec.	65.77	44.56	21.21	0.374	0.253	0.120	67.75	0.220

Jan.	62.84	56.60	6.23	0.357	0.321	0.035	90.08	0.279
Feb.	88.68	82.87	5.81	0.455	0.425	0.030	93.45	0.408
Mar.	123.03	97.19	25.84	0.699	0.552	0.147	79.00	0.479
Apr.	291.57	199.23	92.34	1.602	1.095	0.508	68.33	0.981
May	940.90	696.15	244.75	5.344	3.954	1.390	73.99	3.429
June	1560.27	1304.50	255.77	8.575	7.170	1.406	83.61	6.426
July	579.68	466.30	113.37	3.292	2.648	0.644	80.44	2.297
Aug.	227.06	212.56	14.50	1.290	1.207	0.082	93.61	1.047
Sept.	102.63	100.05	2.59	0.564	0.550	0.014	97.48	0.493
	351.61	284.90	66.71	23.512	19.051	4.460	81.03	1.403

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1966

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	75.84	71.46	4.38	0.431	0.406	0.025	94.22	0.352
Nov.	82.90	75.48	7.42	0.456	0.415	0.041	91.05	0.372
Dec.	65.06	52.33	12.73	0.370	0.297	0.072	80.43	0.258
Jan.	61.23	55.09	6.13	0.348	0.313	0.035	89.98	0.271
Feb.	54.25	53.09	1.16	0.278	0.272	0.006	97.85	0.262
Mar.	70.39	64.62	5.77	0.400	0.367	0.033	91.80	0.318
Apr.	253.47	230.23	23.24	1.393	1.265	0.128	90.83	1.134
May	1014.87	590.21	424.66	5.764	3.352	2.412	58.16	2.907
June	1022.20	764.22	257.98	5.618	4.200	1.418	74.76	3.765
July	485.16	464.10	21.06	2.755	2.636	0.120	95.66	2.286
Aug.	166.29	163.68	2.61	0.944	0.930	0.015	98.43	0.806
Sept.	87.97	84.60	3.36	0.483	0.465	0.018	96.18	0.417
	287.72	223.09	64.63	19.240	14.918	4.322	77.54	1.099

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1967

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	73.45	65.80	7.65	0.417	0.374	0.043	89.58	0.324
Nov.	69.70	64.88	4.82	0.383	0.357	0.027	93.08	0.320
Dec.	81.32	66.52	14.81	0.462	0.378	0.084	81.79	0.328
Jan.	72.71	66.08	6.63	0.413	0.375	0.038	90.89	0.326
Feb.	76.36	71.59	4.77	0.392	0.367	0.024	93.76	0.353
Mar.	70.55	66.04	4.50	0.401	0.375	0.026	93.62	0.325
Apr.	93.17	91.09	2.07	0.512	0.501	0.011	97.77	0.449
May	780.94	552.35	228.59	4.435	3.137	1.298	70.73	2.721
June	2278.00	1966.94	311.06	12.520	10.810	1.710	86.35	9.689
July	667.81	622.05	45.76	3.793	3.533	0.260	93.15	3.064
Aug.	196.06	193.60	2.46	1.114	1.100	0.014	98.74	0.954
Sept.	103.43	96.12	7.31	0.568	0.528	0.040	92.93	0.474
	379.99	326.52	53.46	25.409	21.834	3.575	85.93	1.608

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1968

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	130.10	109.95	20.15	0.739	0.624	0.114	84.51	0.542
Nov.	195.83	167.92	27.91	1.076	0.923	0.153	85.75	0.827
Dec.	136.23	94.57	41.65	0.774	0.537	0.237	69.42	0.466
Jan.	244.87	199.09	45.78	1.391	1.131	0.260	81.30	0.981
Feb.	244.31	232.63	11.68	1.298	1.236	0.062	95.22	1.146
Mar.	317.61	258.26	59.35	1.804	1.467	0.337	81.31	1.272
Apr.	232.23	224.86	7.38	1.276	1.236	0.041	96.82	1.108
May	1012.90	814.79	198.12	5.753	4.627	1.125	80.44	4.014
June	1535.07	1231.47	303.59	8.437	6.768	1.669	80.22	6.066
July	648.81	494.30	154.51	3.685	2.807	0.877	76.19	2.435
Aug.	209.61	177.69	31.92	1.190	1.009	0.181	84.77	0.875
Sept.	136.07	119.74	16.33	0.748	0.658	0.090	88.00	0.590
	420.12	343.37	76.75	28.170	23.024	5.146	81.73	1.691

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1969

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	96.10	92.31	3.78	0.546	0.524	0.021	96.06	0.455
Nov.	97.73	89.47	8.26	0.537	0.492	0.045	91.54	0.441
Dec.	81.97	70.03	11.94	0.466	0.398	0.068	85.43	0.345
Jan.	118.58	62.02	56.56	0.673	0.352	0.321	52.30	0.305
Feb.	75.14	72.79	2.35	0.385	0.373	0.012	96.87	0.359
Mar.	92.42	86.43	5.99	0.525	0.491	0.034	93.52	0.426
Apr.	319.47	299.90	19.56	1.756	1.648	0.108	93.88	1.477
May	1636.23	1122.71	513.52	9.293	6.376	2.916	68.62	5.531
June	1796.30	1267.99	528.31	9.873	6.969	2.904	70.59	6.246
July	370.39	353.24	17.15	2.104	2.006	0.097	95.37	1.740
Aug.	146.39	144.59	1.80	0.831	0.821	0.010	98.77	0.712
Sept.	110.90	97.26	13.64	0.610	0.535	0.075	87.70	0.479
	412.71	313.83	98.88	27.598	20.985	6.612	76.04	1.546

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1970

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	109.03	100.26	8.77	0.619	0.569	0.050	91.96	0.494
Nov.	83.97	76.26	7.71	0.461	0.419	0.042	90.82	0.376
Dec.	71.81	64.82	6.99	0.408	0.368	0.040	90.27	0.319
Jan.	54.26	51.15	3.11	0.308	0.290	0.018	94.26	0.252
Feb.	62.00	60.34	1.66	0.318	0.310	0.009	97.32	0.297
Mar.	76.39	74.37	2.02	0.434	0.422	0.011	97.36	0.366
Apr.	110.30	105.04	5.26	0.606	0.577	0.029	95.23	0.517
May	671.58	399.39	272.19	3.814	2.268	1.546	59.47	1.967
June	1365.40	802.17	563.23	7.504	4.409	3.096	58.75	3.952

Oct.	93.84	88.06	5.78	0.533	0.500	0.033	93.84	0.434
Nov.	96.43	84.65	11.78	0.530	0.465	0.065	87.78	0.417
Dec.	70.29	63.33	6.96	0.399	0.360	0.040	90.10	0.312
Jan.	68.29	59.28	9.01	0.388	0.337	0.051	86.80	0.292
Feb.	109.59	81.29	28.29	0.582	0.432	0.150	74.18	0.400
Mar.	436.87	291.74	145.13	2.481	1.657	0.824	66.78	1.437
Apr.	436.33	392.70	43.63	2.398	2.158	0.240	90.00	1.934
May	1690.16	1254.79	435.37	9.599	7.126	2.473	74.24	6.181
June	2568.67	2020.85	547.82	14.118	11.107	3.011	78.67	9.955
July	1269.16	1053.75	215.41	7.208	5.985	1.223	83.03	5.191
Aug.	432.94	401.36	31.58	2.459	2.279	0.179	92.71	1.977
Sept.	177.23	163.88	13.36	0.974	0.901	0.073	92.46	0.807

	621.44	496.72	124.71	41.669	33.306	8.362	79.93	2.447

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1973

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	120.84	112.18	8.66	0.686	0.637	0.049	92.83	0.553
Nov.	93.10	88.98	4.12	0.512	0.489	0.023	95.58	0.438
Dec.	86.03	70.04	16.00	0.489	0.398	0.091	81.41	0.345
Jan.	90.26	64.34	25.92	0.513	0.365	0.147	71.28	0.317
Feb.	74.29	70.41	3.87	0.381	0.361	0.020	94.78	0.347
Mar.	95.10	91.56	3.53	0.540	0.520	0.020	96.29	0.451
Apr.	221.43	190.71	30.73	1.217	1.048	0.169	86.12	0.939
May	839.90	600.73	239.18	4.770	3.412	1.358	71.52	2.959
June	801.97	623.86	178.10	4.408	3.429	0.979	77.79	3.073
July	302.97	283.26	19.70	1.721	1.609	0.112	93.50	1.395
Aug.	136.29	128.78	7.51	0.774	0.731	0.043	94.49	0.634
Sept.	94.70	86.08	8.62	0.520	0.473	0.047	90.90	0.424

	247.20	201.47	45.73	16.530	13.472	3.058	81.50	0.992

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1974

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	86.74	79.17	7.57	0.493	0.450	0.043	91.27	0.390
Nov.	99.03	83.52	15.51	0.544	0.459	0.085	84.34	0.411
Dec.	86.74	79.69	7.05	0.493	0.453	0.040	91.87	0.393
Jan.	161.71	84.03	77.68	0.918	0.477	0.441	51.96	0.414
Feb.	160.04	159.52	0.51	0.821	0.818	0.003	99.68	0.786
Mar.	170.81	164.26	6.55	0.970	0.933	0.037	96.17	0.809
Apr.	399.67	372.01	27.65	2.197	2.045	0.152	93.08	1.833
May	1073.52	834.23	239.29	6.097	4.738	1.359	77.71	4.110
June	2793.33	1629.45	1163.88	15.352	8.956	6.397	58.33	8.027
July	1479.35	1318.55	160.80	8.402	7.488	0.913	89.13	6.495
Aug.	487.32	463.46	23.87	2.768	2.632	0.136	95.10	2.283
Sept.	177.83	172.56	5.27	0.977	0.948	0.029	97.04	0.850
	598.65	454.57	144.08	40.031	30.397	9.635	75.93	2.239

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1975

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	94.35	82.83	11.52	0.536	0.470	0.065	87.79	0.408
Nov.	84.87	77.95	6.92	0.466	0.428	0.038	91.85	0.384
Dec.	82.03	75.07	6.96	0.466	0.426	0.040	91.52	0.370
Jan.	86.77	77.19	9.59	0.493	0.438	0.054	88.95	0.380
Feb.	70.00	66.20	3.80	0.359	0.340	0.020	94.57	0.326
Mar.	85.35	81.29	4.06	0.485	0.462	0.023	95.24	0.400
Apr.	178.40	157.96	20.44	0.980	0.868	0.112	88.54	0.778
May	960.65	685.15	275.50	5.456	3.891	1.565	71.32	3.375
June	1890.93	1424.28	466.66	10.393	7.828	2.565	75.32	7.016
July	998.61	605.94	392.67	5.671	3.441	2.230	60.68	2.985
Aug.	260.39	247.57	12.81	1.479	1.406	0.073	95.08	1.220
Sept.	149.50	146.46	3.04	0.822	0.805	0.017	97.97	0.721
	412.83	311.12	101.71	27.606	20.804	6.801	75.36	1.533

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1976

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	132.74	120.34	12.40	0.754	0.683	0.070	90.66	0.593
Nov.	233.47	197.10	36.37	1.283	1.083	0.200	84.42	0.971
Dec.	505.84	238.49	267.35	2.873	1.354	1.518	47.15	1.175
Jan.	206.42	199.39	7.02	1.172	1.132	0.040	96.60	0.982
Feb.	198.93	189.27	9.66	1.057	1.006	0.051	95.15	0.932
Mar.	161.61	158.86	2.76	0.918	0.902	0.016	98.29	0.783
Apr.	333.60	292.92	40.68	1.833	1.610	0.224	87.80	1.443
May	1385.45	1196.47	188.98	7.868	6.795	1.073	86.36	5.894
June	1423.70	1133.30	290.40	7.825	6.229	1.596	79.60	5.583
July	1247.58	1073.37	174.21	7.085	6.096	0.989	86.04	5.288
Aug.	514.13	477.15	36.97	2.920	2.710	0.210	92.81	2.351
Sept.	203.13	186.37	16.77	1.116	1.024	0.092	91.75	0.918
	547.41	456.74	90.68	36.705	30.625	6.080	83.44	2.250

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1977

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	125.16	118.97	6.19	0.711	0.676	0.035	95.05	0.586
Nov.	87.80	75.81	11.99	0.483	0.417	0.066	86.34	0.373
Dec.	71.39	61.53	9.86	0.405	0.349	0.056	86.19	0.303
Jan.	75.68	58.43	17.25	0.430	0.332	0.098	77.21	0.288
Feb.	84.50	78.29	6.21	0.433	0.402	0.032	92.65	0.386
Mar.	76.71	74.09	2.62	0.436	0.421	0.015	96.59	0.365

Apr.	257.97	181.12	76.85	1.418	0.995	0.422	70.21	0.892
May	380.35	328.68	51.67	2.160	1.867	0.293	86.41	1.619
June	522.07	450.26	71.80	2.869	2.475	0.395	86.25	2.218
July	178.65	169.59	9.05	1.015	0.963	0.051	94.93	0.835
Aug.	136.61	123.21	13.40	0.776	0.700	0.076	90.19	0.607
Sept.	97.97	81.60	16.37	0.538	0.448	0.090	83.29	0.402
	174.58	150.21	24.37	11.674	10.044	1.630	86.04	0.740

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1978

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	73.23	70.17	3.06	0.416	0.398	0.017	95.82	0.346
Nov.	113.47	90.87	22.59	0.624	0.499	0.124	80.09	0.448
Dec.	214.00	169.23	44.77	1.215	0.961	0.254	79.08	0.834
Jan.	105.71	103.19	2.52	0.600	0.586	0.014	97.62	0.508
Feb.	93.11	89.07	4.03	0.478	0.457	0.021	95.67	0.439
Mar.	205.03	135.30	69.73	1.164	0.768	0.396	65.99	0.666
Apr.	513.27	399.87	113.40	2.821	2.198	0.623	77.91	1.970
May	1148.26	929.66	218.60	6.521	5.280	1.241	80.96	4.580
June	1921.33	1252.07	669.26	10.560	6.881	3.678	65.17	6.168
July	854.10	769.27	84.83	4.851	4.369	0.482	90.07	3.789
Aug.	229.61	216.20	13.41	1.304	1.228	0.076	94.16	1.065
Sept.	210.30	172.30	38.00	1.156	0.947	0.209	81.93	0.849
	474.21	367.48	106.73	31.710	24.573	7.137	77.49	1.810

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1979

interval = 5 days

	Mean stream- flow	Mean base flow	Mean surface runoff	Total stream- flow	Total base flow	Total surface runoff	BF/ stream- flow	Base flow
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	flow (ft3/s)	flow (ft3/s)	runoff (ft3/s)	flow (in)	flow (in)	runoff (in)	flow (%)	(ft3/s/ mi2)
Oct.	129.52	104.38	25.14	0.736	0.593	0.143	80.59	0.514
Nov.	145.67	124.07	21.60	0.801	0.682	0.119	85.17	0.611
Dec.	81.23	67.50	13.73	0.461	0.383	0.078	83.10	0.332
Jan.	55.87	53.72	2.15	0.317	0.305	0.012	96.15	0.265
Feb.	60.07	58.26	1.81	0.308	0.299	0.009	96.98	0.287
Mar.	107.03	96.21	10.83	0.608	0.546	0.061	89.88	0.474
Apr.	170.80	148.79	22.01	0.939	0.818	0.121	87.11	0.733
May	912.71	581.14	331.57	5.184	3.300	1.883	63.67	2.863
June	638.13	524.95	113.18	3.507	2.885	0.622	82.26	2.586
July	252.90	224.59	28.32	1.436	1.275	0.161	88.80	1.106
Aug.	136.00	126.45	9.55	0.772	0.718	0.054	92.98	0.623
Sept.	95.40	84.81	10.59	0.524	0.466	0.058	88.90	0.418
	233.19	183.52	49.68	15.593	12.271	3.322	78.70	0.904

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1980

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	71.42	61.24	10.17	0.406	0.348	0.058	85.75	0.302
Nov.	65.83	59.72	6.11	0.362	0.328	0.034	90.72	0.294
Dec.	150.16	99.11	51.05	0.853	0.563	0.290	66.00	0.488
Jan.	97.55	77.77	19.78	0.554	0.442	0.112	79.73	0.383
Feb.	89.72	74.67	15.05	0.477	0.397	0.080	83.22	0.368
Mar.	138.68	135.41	3.27	0.788	0.769	0.019	97.64	0.667
Apr.	488.87	428.66	60.20	2.687	2.356	0.331	87.68	2.112
May	1357.32	1184.07	173.25	7.709	6.725	0.984	87.24	5.833
June	999.27	753.36	245.91	5.492	4.140	1.352	75.39	3.711
July	455.52	420.22	35.30	2.587	2.387	0.200	92.25	2.070
Aug.	160.29	154.99	5.30	0.910	0.880	0.030	96.69	0.763
Sept.	100.30	92.60	7.70	0.551	0.509	0.042	92.32	0.456
	348.60	295.94	52.67	23.375	19.843	3.531	84.89	1.458

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1981 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	77.35	75.94	1.41	0.439	0.431	0.008	98.17	0.374
Nov.	108.37	83.91	24.46	0.596	0.461	0.134	77.43	0.413
Dec.	269.00	110.44	158.56	1.528	0.627	0.901	41.06	0.544
Jan.	307.68	201.28	106.39	1.747	1.143	0.604	65.42	0.992
Feb.	214.54	177.59	36.95	1.100	0.911	0.190	82.78	0.875
Mar.	222.87	212.96	9.91	1.266	1.209	0.056	95.55	1.049
Apr.	300.13	267.96	32.17	1.650	1.473	0.177	89.28	1.320
May	1048.87	825.10	223.77	5.957	4.686	1.271	78.67	4.065
June	920.27	830.57	89.70	5.058	4.565	0.493	90.25	4.091
July	502.39	449.83	52.56	2.853	2.555	0.299	89.54	2.216
Aug.	197.06	181.38	15.69	1.119	1.030	0.089	92.04	0.893
Sept.	99.37	93.21	6.15	0.546	0.512	0.034	93.81	0.459
	356.80	293.17	63.63	23.859	19.604	4.255	82.17	1.444

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1982 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	116.87	102.48	14.39	0.664	0.582	0.082	87.69	0.505
Nov.	145.97	117.10	28.87	0.802	0.644	0.159	80.22	0.577
Dec.	99.90	95.77	4.13	0.567	0.544	0.023	95.87	0.472
Jan.	95.19	72.62	22.57	0.541	0.412	0.128	76.29	0.358
Feb.	149.71	130.39	19.33	0.768	0.669	0.099	87.09	0.642
Mar.	165.23	151.58	13.64	0.938	0.861	0.077	91.74	0.747
Apr.	211.37	194.86	16.51	1.162	1.071	0.091	92.19	0.960
May	1018.90	870.44	148.46	5.787	4.943	0.843	85.43	4.288
June	2202.33	1198.38	1003.95	12.104	6.586	5.518	54.41	5.903
July	840.16	724.67	115.49	4.771	4.116	0.656	86.25	3.570
Aug.	262.45	240.91	21.54	1.491	1.368	0.122	91.79	1.187
Sept.	135.63	125.61	10.02	0.745	0.690	0.055	92.61	0.619

 453.73 336.28 117.45 30.340 22.487 7.854 74.11 1.657

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1983 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	105.32	98.59	6.73	0.598	0.560	0.038	93.61	0.486
Nov.	88.07	74.92	13.14	0.484	0.412	0.072	85.07	0.369
Dec.	98.35	77.82	20.53	0.559	0.442	0.117	79.13	0.383
Jan.	131.32	94.44	36.88	0.746	0.536	0.209	71.92	0.465
Feb.	112.43	105.42	7.01	0.577	0.541	0.036	93.77	0.519
Mar.	222.42	195.36	27.06	1.263	1.110	0.154	87.84	0.962
Apr.	414.40	342.14	72.26	2.278	1.880	0.397	82.56	1.685
May	1523.06	939.31	583.75	8.650	5.335	3.315	61.67	4.627
June	1634.50	1283.02	351.48	8.983	7.052	1.932	78.50	6.320
July	675.58	602.89	72.69	3.837	3.424	0.413	89.24	2.970
Aug.	299.87	267.47	32.40	1.703	1.519	0.184	89.20	1.318
Sept.	161.50	151.07	10.43	0.888	0.830	0.057	93.54	0.744
	457.08	353.53	103.55	30.565	23.640	6.924	77.34	1.742

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 1984 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	94.74	87.38	7.36	0.538	0.496	0.042	92.23	0.430
Nov.	146.93	113.75	33.18	0.808	0.625	0.182	77.42	0.560
Dec.	86.87	79.45	7.42	0.493	0.451	0.042	91.46	0.391

Jan.	261.23	142.92	118.31	1.484	0.812	0.672	54.71	0.704
Feb.	185.10	161.35	23.75	0.983	0.857	0.126	87.17	0.795
Mar.	203.45	186.29	17.16	1.155	1.058	0.097	91.57	0.918
Apr.	283.10	253.56	29.54	1.556	1.394	0.162	89.56	1.249
May	552.71	446.62	106.09	3.139	2.536	0.603	80.80	2.200
June	1701.67	1444.58	257.09	9.352	7.939	1.413	84.89	7.116
July	890.19	829.59	60.60	5.056	4.711	0.344	93.19	4.087
Aug.	279.23	270.82	8.40	1.586	1.538	0.048	96.99	1.334
Sept.	123.07	117.14	5.93	0.676	0.644	0.033	95.19	0.577
	400.09	343.95	56.14	26.827	23.062	3.764	85.97	1.694

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1985

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	110.03	93.94	16.10	0.625	0.533	0.091	85.37	0.463
Nov.	98.27	89.56	8.70	0.540	0.492	0.048	91.14	0.441
Dec.	76.58	68.48	8.10	0.435	0.389	0.046	89.42	0.337
Jan.	64.61	61.67	2.94	0.367	0.350	0.017	95.45	0.304
Feb.	60.57	58.74	1.83	0.311	0.301	0.009	96.97	0.289
Mar.	78.10	71.36	6.74	0.444	0.405	0.038	91.37	0.352
Apr.	285.07	183.01	102.06	1.567	1.006	0.561	64.20	0.902
May	883.32	506.20	377.13	5.017	2.875	2.142	57.31	2.494
June	913.37	820.50	92.87	5.020	4.510	0.510	89.83	4.042
July	271.39	259.53	11.86	1.541	1.474	0.067	95.63	1.278
Aug.	117.55	112.86	4.69	0.668	0.641	0.027	96.01	0.556
Sept.	87.07	82.18	4.88	0.479	0.452	0.027	94.39	0.405
	254.41	200.81	53.59	17.012	13.428	3.584	78.93	0.989

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1986

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	88.52	77.81	10.71	0.503	0.442	0.061	87.91	0.383
Nov.	102.53	77.24	25.30	0.564	0.424	0.139	75.33	0.380
Dec.	70.32	65.78	4.55	0.399	0.374	0.026	93.54	0.324
Jan.	71.87	66.05	5.82	0.408	0.375	0.033	91.90	0.325
Feb.	104.36	74.67	29.69	0.535	0.383	0.152	71.55	0.368
Mar.	265.48	236.91	28.58	1.508	1.345	0.162	89.24	1.167
Apr.	410.73	321.12	89.61	2.257	1.765	0.492	78.18	1.582
May	958.00	564.01	393.99	5.441	3.203	2.238	58.87	2.778
June	1213.23	853.28	359.96	6.668	4.690	1.978	70.33	4.203
July	292.06	263.71	28.35	1.659	1.498	0.161	90.29	1.299
Aug.	140.13	133.28	6.85	0.796	0.757	0.039	95.11	0.657
Sept.	89.00	80.60	8.40	0.489	0.443	0.046	90.56	0.397
	317.44	234.77	82.67	21.227	15.699	5.528	73.96	1.157

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1987

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	72.45	64.39	8.06	0.411	0.366	0.046	88.87	0.317
Nov.	107.67	72.96	34.71	0.592	0.401	0.191	67.76	0.359
Dec.	83.77	72.11	11.66	0.476	0.410	0.066	86.08	0.355
Jan.	64.42	56.92	7.50	0.366	0.323	0.043	88.35	0.280
Feb.	65.21	62.81	2.41	0.335	0.322	0.012	96.31	0.309
Mar.	155.03	130.33	24.71	0.880	0.740	0.140	84.06	0.642
Apr.	416.03	318.89	97.14	2.287	1.753	0.534	76.65	1.571
May	1453.10	837.20	615.90	8.253	4.755	3.498	57.61	4.124
June	829.20	715.19	114.01	4.557	3.931	0.627	86.25	3.523
July	279.42	248.80	30.62	1.587	1.413	0.174	89.04	1.226
Aug.	115.97	112.34	3.62	0.659	0.638	0.021	96.87	0.553
Sept.	74.20	71.43	2.77	0.408	0.393	0.015	96.26	0.352
	311.20	230.95	80.25	20.810	15.443	5.366	74.21	1.138

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1988

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	51.94	51.70	0.23	0.295	0.294	0.001	99.55	0.255
Nov.	51.17	49.11	2.05	0.281	0.270	0.011	95.99	0.242
Dec.	56.71	52.89	3.82	0.322	0.300	0.022	93.26	0.261
Jan.	47.71	46.25	1.46	0.271	0.263	0.008	96.94	0.228
Feb.	54.10	52.43	1.67	0.287	0.279	0.009	96.92	0.258
Mar.	84.39	80.29	4.10	0.479	0.456	0.023	95.15	0.396
Apr.	391.10	320.23	70.87	2.150	1.760	0.390	81.88	1.577
May	897.42	641.43	255.99	5.097	3.643	1.454	71.48	3.160
June	1089.80	967.58	122.22	5.990	5.318	0.672	88.79	4.766
July	482.81	440.78	42.03	2.742	2.503	0.239	91.30	2.171
Aug.	155.52	153.03	2.49	0.883	0.869	0.014	98.40	0.754
Sept.	85.67	79.76	5.91	0.471	0.438	0.032	93.10	0.393
	287.36	244.48	42.88	19.268	16.393	2.875	85.08	1.204

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1989

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	100.74	77.11	23.63	0.572	0.438	0.134	76.54	0.380
Nov.	115.20	103.52	11.68	0.633	0.569	0.064	89.86	0.510
Dec.	109.97	95.81	14.16	0.625	0.544	0.080	87.12	0.472
Jan.	94.03	78.67	15.36	0.534	0.447	0.087	83.66	0.388
Feb.	82.82	68.47	14.35	0.425	0.351	0.074	82.67	0.337
Mar.	86.74	82.54	4.20	0.493	0.469	0.024	95.15	0.407
Apr.	418.50	370.83	47.67	2.300	2.038	0.262	88.61	1.827
May	1051.97	789.79	262.18	5.974	4.485	1.489	75.08	3.891
June	1277.80	951.34	326.46	7.023	5.229	1.794	74.45	4.686

Oct.	105.65	89.69	15.96	0.600	0.509	0.091	84.89	0.442
Nov.	462.97	177.56	285.40	2.544	0.976	1.569	38.35	0.875
Dec.	246.39	203.43	42.96	1.399	1.155	0.244	82.57	1.002
Jan.	133.29	113.29	20.00	0.757	0.643	0.114	84.99	0.558
Feb.	203.07	176.01	27.07	1.042	0.903	0.139	86.67	0.867
Mar.	207.26	204.67	2.59	1.177	1.162	0.015	98.75	1.008
Apr.	361.57	313.41	48.16	1.987	1.723	0.265	86.68	1.544
May	1142.13	813.57	328.56	6.486	4.620	1.866	71.23	4.008
June	1500.20	1287.42	212.78	8.245	7.076	1.169	85.82	6.342
July	1110.29	1014.80	95.49	6.306	5.763	0.542	91.40	4.999
Aug.	329.94	296.42	33.52	1.874	1.683	0.190	89.84	1.460
Sept.	132.03	127.78	4.26	0.726	0.702	0.023	96.78	0.629

	495.65	402.53	93.11	33.143	26.917	6.226	81.21	1.983

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1992

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	80.94	76.90	4.04	0.460	0.437	0.023	95.01	0.379
Nov.	92.43	79.41	13.02	0.508	0.436	0.072	85.91	0.391
Dec.	81.90	70.85	11.05	0.465	0.402	0.063	86.50	0.349
Jan.	75.06	62.74	12.32	0.426	0.356	0.070	83.59	0.309
Feb.	102.24	94.99	7.25	0.543	0.505	0.039	92.91	0.468
Mar.	210.00	191.79	18.21	1.193	1.089	0.103	91.33	0.945
Apr.	453.83	343.45	110.38	2.494	1.888	0.607	75.68	1.692
May	1028.94	773.48	255.46	5.844	4.393	1.451	75.17	3.810
June	699.83	617.28	82.55	3.846	3.393	0.454	88.20	3.041
July	261.23	248.36	12.86	1.484	1.411	0.073	95.08	1.223
Aug.	120.23	113.87	6.35	0.683	0.647	0.036	94.72	0.561
Sept.	75.43	70.22	5.21	0.415	0.386	0.029	93.09	0.346

	273.82	228.81	45.01	18.360	15.342	3.018	83.56	1.127

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1993

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	65.39	61.95	3.44	0.371	0.352	0.020	94.74	0.305
Nov.	65.93	53.12	12.81	0.362	0.292	0.070	80.56	0.262
Dec.	53.13	43.53	9.60	0.302	0.247	0.055	81.93	0.214
Jan.	52.32	45.71	6.61	0.297	0.260	0.038	87.36	0.225
Feb.	51.32	42.95	8.37	0.263	0.220	0.043	83.68	0.212
Mar.	67.90	61.69	6.21	0.386	0.350	0.035	90.85	0.304
Apr.	113.80	111.54	2.26	0.625	0.613	0.012	98.02	0.549
May	1053.48	856.85	196.63	5.983	4.866	1.117	81.34	4.221
June	635.37	579.72	55.64	3.492	3.186	0.306	91.24	2.856
July	217.45	207.46	9.99	1.235	1.178	0.057	95.40	1.022
Aug.	122.84	120.05	2.79	0.698	0.682	0.016	97.73	0.591
Sept.	68.33	67.06	1.28	0.376	0.369	0.007	98.13	0.330
	215.20	188.66	26.54	14.390	12.615	1.775	87.67	0.929

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1994

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	54.23	51.38	2.85	0.308	0.292	0.016	94.75	0.253
Nov.	45.30	39.55	5.75	0.249	0.217	0.032	87.30	0.195
Dec.	49.29	44.12	5.17	0.280	0.251	0.029	89.50	0.217
Jan.	50.61	45.47	5.15	0.287	0.258	0.029	89.83	0.224
Feb.	51.71	46.72	4.99	0.265	0.240	0.026	90.34	0.230
Mar.	93.68	79.71	13.97	0.532	0.453	0.079	85.08	0.393
Apr.	416.53	287.29	129.25	2.289	1.579	0.710	68.97	1.415
May	940.39	660.77	279.62	5.341	3.753	1.588	70.27	3.255
June	555.90	474.12	81.78	3.055	2.606	0.449	85.29	2.336
July	262.26	245.53	16.73	1.489	1.394	0.095	93.62	1.210
Aug.	99.29	95.40	3.89	0.564	0.542	0.022	96.08	0.470
Sept.	58.47	55.77	2.69	0.321	0.307	0.015	95.40	0.275
	224.04	177.82	46.23	14.982	11.890	3.091	79.37	0.876

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1995

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	52.97	45.62	7.35	0.301	0.259	0.042	86.12	0.225
Nov.	53.83	47.33	6.50	0.296	0.260	0.036	87.92	0.233
Dec.	58.06	48.74	9.33	0.330	0.277	0.053	83.93	0.240
Jan.	57.16	50.63	6.54	0.325	0.288	0.037	88.57	0.249
Feb.	172.68	124.19	48.49	0.886	0.637	0.249	71.92	0.612
Mar.	206.81	198.06	8.75	1.175	1.125	0.050	95.77	0.976
Apr.	333.20	271.33	61.87	1.831	1.491	0.340	81.43	1.337
May	1502.94	1192.43	310.51	8.536	6.772	1.763	79.34	5.874
June	1776.33	1440.25	336.09	9.763	7.916	1.847	81.08	7.095
July	856.87	779.50	77.37	4.866	4.427	0.439	90.97	3.840
Aug.	209.42	206.15	3.27	1.189	1.171	0.019	98.44	1.015
Sept.	101.00	94.43	6.57	0.555	0.519	0.036	93.50	0.465
	449.42	375.98	73.44	30.052	25.141	4.911	83.66	1.852

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

 Period ending in 1996

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	111.68	92.61	19.07	0.634	0.526	0.108	82.93	0.456
Nov.	468.07	279.22	188.85	2.573	1.535	1.038	59.65	1.375
Dec.	502.00	325.16	176.84	2.851	1.847	1.004	64.77	1.602
Jan.	196.52	176.69	19.83	1.116	1.003	0.113	89.91	0.870
Feb.	320.52	253.57	66.94	1.703	1.347	0.356	79.11	1.249
Mar.	361.19	280.63	80.56	2.051	1.594	0.458	77.70	1.382

Apr.	752.60	613.44	139.16	4.136	3.371	0.765	81.51	3.022
May	935.23	775.56	159.67	5.311	4.405	0.907	82.93	3.820
June	1695.67	1576.50	119.17	9.319	8.665	0.655	92.97	7.766
July	1114.26	976.28	137.98	6.328	5.545	0.784	87.62	4.809
Aug.	283.58	264.84	18.74	1.611	1.504	0.106	93.39	1.305
Sept.	132.63	122.67	9.96	0.729	0.674	0.055	92.49	0.604
	572.14	477.47	94.67	38.363	32.015	6.348	83.45	2.352

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1997

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	98.45	92.66	5.80	0.559	0.526	0.033	94.11	0.456
Nov.	105.33	95.24	10.10	0.579	0.523	0.055	90.41	0.469
Dec.	80.90	58.14	22.77	0.459	0.330	0.129	71.86	0.286
Jan.	100.29	76.78	23.51	0.570	0.436	0.134	76.55	0.378
Feb.	116.79	105.70	11.08	0.599	0.542	0.057	90.51	0.521
Mar.	214.61	178.36	36.25	1.219	1.013	0.206	83.11	0.879
Apr.	412.63	337.98	74.65	2.268	1.858	0.410	81.91	1.665
May	1641.74	1048.81	592.93	9.324	5.956	3.367	63.88	5.167
June	2142.33	1709.27	433.06	11.774	9.394	2.380	79.79	8.420
July	1006.90	928.31	78.60	5.718	5.272	0.446	92.19	4.573
Aug.	305.58	290.27	15.32	1.735	1.648	0.087	94.99	1.430
Sept.	172.77	150.83	21.94	0.950	0.829	0.121	87.30	0.743
	534.70	423.65	111.05	35.755	28.329	7.426	79.23	2.087

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1998

interval = 5 days

Mean stream- flow	Mean base flow	Mean surface runoff	Total stream- flow	Total base flow	Total surface runoff	BF/ stream- flow	Base flow
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	flow (ft3/s)	flow (ft3/s)	runoff (ft3/s)	flow (in)	flow (in)	runoff (in)	flow (%)	(ft3/s/ mi2)
Oct.	241.32	192.93	48.39	1.371	1.096	0.275	79.95	0.950
Nov.	203.90	189.88	14.02	1.121	1.044	0.077	93.12	0.935
Dec.	118.87	109.22	9.65	0.675	0.620	0.055	91.88	0.538
Jan.	107.77	101.05	6.72	0.612	0.574	0.038	93.76	0.498
Feb.	116.96	110.96	6.00	0.600	0.569	0.031	94.87	0.547
Mar.	156.48	136.99	19.50	0.889	0.778	0.111	87.54	0.675
Apr.	326.27	305.34	20.93	1.793	1.678	0.115	93.58	1.504
May	1796.39	1298.96	497.43	10.202	7.377	2.825	72.31	6.399
June	1272.47	1176.23	96.24	6.994	6.465	0.529	92.44	5.794
July	488.16	412.50	75.66	2.772	2.343	0.430	84.50	2.032
Aug.	164.26	159.40	4.86	0.933	0.905	0.028	97.04	0.785
Sept.	89.50	87.89	1.61	0.492	0.483	0.009	98.20	0.433
	425.51	357.89	67.62	28.453	23.932	4.522	84.11	1.763

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Period ending in 1999

interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	66.84	65.79	1.04	0.380	0.374	0.006	98.44	0.324
Nov.	86.27	71.55	14.72	0.474	0.393	0.081	82.94	0.352
Dec.	87.03	72.60	14.43	0.494	0.412	0.082	83.41	0.358
Jan.	124.32	100.87	23.45	0.706	0.573	0.133	81.13	0.497
Feb.	98.82	94.85	3.97	0.507	0.487	0.020	95.99	0.467
Mar.	133.39	114.14	19.25	0.758	0.648	0.109	85.57	0.562
Apr.	306.17	278.96	27.21	1.683	1.533	0.150	91.11	1.374
May	874.19	736.10	138.09	4.965	4.181	0.784	84.20	3.626
June	2283.00	1749.72	533.28	12.548	9.617	2.931	76.64	8.619
July	1589.35	1309.01	280.35	9.026	7.434	1.592	82.36	6.448
Aug.	577.29	520.71	56.58	3.279	2.957	0.321	90.20	2.565
Sept.	169.70	167.68	2.02	0.933	0.922	0.011	98.81	0.826
	534.65	441.61	93.03	35.751	29.530	6.221	82.60	2.175

Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA

Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 2000 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	110.74	106.10	4.65	0.629	0.603	0.026	95.81	0.523
Nov.	339.60	184.90	154.70	1.866	1.016	0.850	54.45	0.911
Dec.	210.77	185.78	25.00	1.197	1.055	0.142	88.14	0.915
Jan.	137.48	119.16	18.32	0.781	0.677	0.104	86.67	0.587
Feb.	98.10	87.13	10.97	0.521	0.463	0.058	88.82	0.429
Mar.	110.13	108.36	1.77	0.625	0.615	0.010	98.40	0.534
Apr.	469.87	397.42	72.45	2.582	2.184	0.398	84.58	1.958
May	918.16	612.58	305.58	5.214	3.479	1.735	66.72	3.018
June	1466.00	1303.39	162.61	8.057	7.163	0.894	88.91	6.421
July	669.48	618.66	50.83	3.802	3.514	0.289	92.41	3.048
Aug.	228.03	218.73	9.30	1.295	1.242	0.053	95.92	1.077
Sept.	118.83	109.45	9.39	0.653	0.602	0.052	92.10	0.539
	406.02	337.24	68.77	27.224	22.613	4.611	83.06	1.661

 Hydrograph separation by the local minimum method

Entiat River near Ardenvoir WA
 Station ID = 12452800
 Drainage area = 203.00 square miles

 Period ending in 2001 interval = 5 days

	Mean stream- flow (ft3/s)	Mean base flow (ft3/s)	Mean surface runoff (ft3/s)	Total stream- flow (in)	Total base flow (in)	Total surface runoff (in)	BF/ stream- flow (%)	Base flow (ft3/s/ mi2)
Oct.	97.23	87.16	10.07	0.552	0.495	0.057	89.65	0.429
Nov.	78.83	73.36	5.48	0.433	0.403	0.030	93.05	0.361
Dec.	64.32	54.43	9.89	0.365	0.309	0.056	84.63	0.268
Jan.	60.00	52.82	7.18	0.341	0.300	0.041	88.04	0.260
Feb.	53.11	48.72	4.39	0.272	0.250	0.023	91.73	0.240
Mar.	71.77	68.39	3.39	0.408	0.388	0.019	95.28	0.337
Apr.	109.60	93.35	16.25	0.602	0.513	0.089	85.18	0.460
May	551.29	369.52	181.77	3.131	2.099	1.032	67.03	1.820
June	449.97	419.30	30.66	2.473	2.305	0.169	93.19	2.066
July	208.94	181.13	27.81	1.187	1.029	0.158	86.69	0.892
Aug.	105.94	97.51	8.43	0.602	0.554	0.048	92.04	0.480
Sept.	67.50	63.89	3.61	0.371	0.351	0.020	94.66	0.315

160.57 134.52 26.05 10.737 8.995 1.742 83.78 0.663

Annual base-flow summary

Entiat River near Ardenvoir WA
Station ID = 12452800
Drainage area = 203.00 square miles

Local minimum method

Year starts in October
Year ends in September

Period ending	in	ft3/s	ft3/s/ mi2	% of stream- flow
-----	-----	-----	-----	-----
1957	-1.000	-1.00	-1.000	-1.00
1958	17.980	268.89	1.325	72.94
1959	24.520	366.69	1.806	82.23
1960	22.359	333.45	1.643	76.54
1961	21.657	323.88	1.595	79.34
1962	14.437	215.91	1.064	80.01
1963	17.671	264.26	1.302	86.10
1964	20.632	307.70	1.516	89.17
1965	19.051	284.90	1.403	81.03
1966	14.918	223.09	1.099	77.54
1967	21.834	326.52	1.608	85.93
1968	23.024	343.37	1.691	81.73
1969	20.985	313.83	1.546	76.04
1970	12.234	182.95	0.901	70.55
1971	24.970	373.41	1.839	78.32
1972	33.306	496.72	2.447	79.93
1973	13.472	201.47	0.992	81.50
1974	30.397	454.57	2.239	75.93
1975	20.804	311.12	1.533	75.36
1976	30.625	456.74	2.250	83.44
1977	10.044	150.21	0.740	86.04
1978	24.573	367.48	1.810	77.49
1979	12.271	183.52	0.904	78.70
1980	19.843	295.94	1.458	84.89
1981	19.604	293.17	1.444	82.17
1982	22.487	336.28	1.657	74.11
1983	23.640	353.53	1.742	77.34
1984	23.062	343.95	1.694	85.97
1985	13.428	200.81	0.989	78.93
1986	15.699	234.77	1.157	73.96
1987	15.443	230.95	1.138	74.21
1988	16.393	244.48	1.204	85.08
1989	17.560	262.60	1.294	80.52
1990	18.958	283.52	1.397	86.05
1991	26.917	402.53	1.983	81.21

1992	15.342	228.81	1.127	83.56
1993	12.615	188.66	0.929	87.67
1994	11.890	177.82	0.876	79.37
1995	25.141	375.98	1.852	83.66
1996	32.015	477.47	2.352	83.45
1997	28.329	423.65	2.087	79.23
1998	23.932	357.89	1.763	84.11
1999	29.530	441.61	2.175	82.60
2000	22.613	337.24	1.661	83.06
2001	8.995	134.52	0.663	83.78
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median	20.718	309.41	1.524	81.12

Annual base-flow summary ordered by frequency

Entiat River near Ardenvoir WA

Station ID = 12452800

Drainage area = 203.00 square miles

Local minimum method

Year starts in October

Year ends in September

Cum		ft3/s/	
dist	in	mi2	year
-----	-----	-----	-----
-1.0	-1.000	-1.000	1957
2.2	8.995	0.663	2001
4.4	10.044	0.740	1977
6.7	11.890	0.876	1994
8.9	12.234	0.901	1970
11.1	12.271	0.904	1979
13.3	12.615	0.929	1993
15.6	13.428	0.989	1985
17.8	13.472	0.992	1973
20.0	14.437	1.064	1962
22.2	14.918	1.099	1966
24.4	15.342	1.127	1992
26.7	15.443	1.138	1987
28.9	15.699	1.157	1986
31.1	16.393	1.204	1988
33.3	17.560	1.294	1989
35.6	17.671	1.302	1963
37.8	17.980	1.325	1958
40.0	18.958	1.397	1990
42.2	19.051	1.403	1965
44.4	19.604	1.444	1981
46.7	19.843	1.458	1980
48.9	20.632	1.516	1964
51.1	20.804	1.533	1975
53.3	20.985	1.546	1969
55.6	21.657	1.595	1961
57.8	21.834	1.608	1967

60.0	22.359	1.643	1960
62.2	22.487	1.657	1982
64.4	22.613	1.661	2000
66.7	23.024	1.691	1968
68.9	23.062	1.694	1984
71.1	23.640	1.742	1983
73.3	23.932	1.763	1998
75.6	24.520	1.806	1959
77.8	24.573	1.810	1978
80.0	24.970	1.839	1971
82.2	25.141	1.852	1995
84.4	26.917	1.983	1991
86.7	28.329	2.087	1997
88.9	29.530	2.175	1999
91.1	30.397	2.239	1974
93.3	30.625	2.250	1976
95.6	32.015	2.352	1996
97.8	33.306	2.447	1972

Seasonal-distribution table

Entiat River near Ardenvoir WA
Station ID = 12452800
Drainage area = 203.00 square miles

Local minimum method

Year starts in October
Year ends in September

Month	Base flow (in)	Runoff (in)
October	0.496	0.069
November	0.539	0.168
December	0.539	0.179
January	0.485	0.117
February	0.514	0.077
March	0.749	0.099
April	1.496	0.298
May	4.412	1.652
June	6.197	1.669
July	3.175	0.466
August	1.163	0.081
September	0.580	0.045

Flow duration table for total flow, local minimum method
at Entiat River near Ardenvoir WA (1957-2001)

Cases equal or exceeding lower limit and less	Cases equal or exceeding lower
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Lower class limit	than upper limit		class limit	
	Cases	Percent	Cases	Percent
0.00	0	0.00	16098	100.00
18.00	0	0.00	16098	100.00
21.00	2	0.01	16098	100.00
24.00	3	0.02	16096	99.99
28.00	9	0.06	16093	99.97
32.00	22	0.14	16084	99.91
37.00	46	0.29	16062	99.78
43.00	162	1.01	16016	99.49
49.00	486	3.02	15854	98.48
57.00	823	5.11	15368	95.47
66.00	1009	6.27	14545	90.35
75.00	1365	8.48	13536	84.08
87.00	1499	9.31	12171	75.61
100.00	1527	9.49	10672	66.29
120.00	454	2.82	9145	56.81
130.00	841	5.22	8691	53.99
150.00	953	5.92	7850	48.76
180.00	474	2.94	6897	42.84
200.00	630	3.91	6423	39.90
230.00	635	3.94	5793	35.99
270.00	476	2.96	5158	32.04
310.00	454	2.82	4682	29.08
360.00	336	2.09	4228	26.26
410.00	343	2.13	3892	24.18
470.00	318	1.98	3549	22.05
540.00	383	2.38	3231	20.07
630.00	314	1.95	2848	17.69
720.00	302	1.88	2534	15.74
830.00	266	1.65	2232	13.87
950.00	330	2.05	1966	12.21
1100.00	402	2.50	1636	10.16
1300.00	322	2.00	1234	7.67
1500.00	284	1.76	912	5.67
1700.00	179	1.11	628	3.90
1900.00	182	1.13	449	2.79
2200.00	122	0.76	267	1.66
2600.00	55	0.34	145	0.90
2900.00	52	0.32	90	0.56
3400.00	21	0.13	38	0.24
3900.00	12	0.07	17	0.11
4500.00	5	0.03	5	0.03
5200.00	0	0.00	0	0.00
100000.00	0	0.00	0	0.00

Flow duration table for surface runoff, local minimum method
at Entiat River near Ardenvoir WA (1957-2001)

Lower class	Cases equal or exceeding lower limit and less than upper limit	Cases equal or exceeding lower class limit
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limit	Cases	Percent	Cases	Percent
0.00	3811	23.67	16098	100.00
0.10	7	0.04	12287	76.33
0.12	2	0.01	12280	76.28
0.13	9	0.06	12278	76.27
0.15	8	0.05	12269	76.21
0.18	8	0.05	12261	76.16
0.20	18	0.11	12253	76.12
0.23	23	0.14	12235	76.00
0.27	25	0.16	12212	75.86
0.31	45	0.28	12187	75.71
0.36	28	0.17	12142	75.43
0.41	21	0.13	12114	75.25
0.47	55	0.34	12093	75.12
0.54	42	0.26	12038	74.78
0.63	97	0.60	11996	74.52
0.72	73	0.45	11899	73.92
0.83	57	0.35	11826	73.46
0.95	132	0.82	11769	73.11
1.10	130	0.81	11637	72.29
1.30	155	0.96	11507	71.48
1.50	156	0.97	11352	70.52
1.70	122	0.76	11196	69.55
1.90	219	1.36	11074	68.79
2.20	263	1.63	10855	67.43
2.60	183	1.14	10592	65.80
2.90	271	1.68	10409	64.66
3.40	287	1.78	10138	62.98
3.90	303	1.88	9851	61.19
4.50	345	2.14	9548	59.31
5.20	354	2.20	9203	57.17
6.00	413	2.57	8849	54.97
6.90	369	2.29	8436	52.40
7.90	386	2.40	8067	50.11
9.10	230	1.43	7681	47.71
10.00	523	3.25	7451	46.29
12.00	414	2.57	6928	43.04
14.00	379	2.35	6514	40.46
16.00	309	1.92	6135	38.11
18.00	405	2.52	5826	36.19
21.00	338	2.10	5421	33.67
24.00	362	2.25	5083	31.58
28.00	301	1.87	4721	29.33
32.00	303	1.88	4420	27.46
37.00	311	1.93	4117	25.57
43.00	267	1.66	3806	23.64
49.00	284	1.76	3539	21.98
57.00	244	1.52	3255	20.22
66.00	198	1.23	3011	18.70
75.00	238	1.48	2813	17.47
87.00	208	1.29	2575	16.00
100.00	272	1.69	2367	14.70
120.00	114	0.71	2095	13.01
130.00	181	1.12	1981	12.31
150.00	223	1.39	1800	11.18
180.00	126	0.78	1577	9.80

200.00	148	0.92	1451	9.01
230.00	159	0.99	1303	8.09
270.00	135	0.84	1144	7.11
310.00	146	0.91	1009	6.27
360.00	118	0.73	863	5.36
410.00	127	0.79	745	4.63
470.00	93	0.58	618	3.84
540.00	85	0.53	525	3.26
630.00	73	0.45	440	2.73
720.00	75	0.47	367	2.28
830.00	62	0.39	292	1.81
950.00	65	0.40	230	1.43
1100.00	49	0.30	165	1.02
1300.00	31	0.19	116	0.72
1500.00	25	0.16	85	0.53
1700.00	18	0.11	60	0.37
1900.00	17	0.11	42	0.26
2200.00	17	0.11	25	0.16
2600.00	6	0.04	8	0.05
2900.00	1	0.01	2	0.01
3400.00	1	0.01	1	0.01
3900.00	0	0.00	0	0.00
100000.00	0	0.00	0	0.00

Flow duration table for base flow, local minimum method
at Entiat River near Ardenvoir WA (1957-2001)

Lower class limit	Cases equal or exceeding lower limit and less than upper limit		Cases equal or exceeding lower class limit	
	Cases	Percent	Cases	Percent
0.00	0	0.00	16098	100.00
18.00	0	0.00	16098	100.00
21.00	2	0.01	16098	100.00
24.00	11	0.07	16096	99.99
28.00	26	0.16	16085	99.92
32.00	48	0.30	16059	99.76
37.00	108	0.67	16011	99.46
43.00	293	1.82	15903	98.79
49.00	645	4.01	15610	96.97
57.00	1131	7.03	14965	92.96
66.00	1234	7.67	13834	85.94
75.00	1576	9.79	12600	78.27
87.00	1397	8.68	11024	68.48
100.00	1282	7.96	9627	59.80
120.00	306	1.90	8345	51.84
130.00	794	4.93	8039	49.94
150.00	932	5.79	7245	45.01
180.00	493	3.06	6313	39.22
200.00	609	3.78	5820	36.15
230.00	588	3.65	5211	32.37
270.00	459	2.85	4623	28.72
310.00	403	2.50	4164	25.87

360.00	309	1.92	3761	23.36
410.00	301	1.87	3452	21.44
470.00	340	2.11	3151	19.57
540.00	389	2.42	2811	17.46
630.00	344	2.14	2422	15.05
720.00	345	2.14	2078	12.91
830.00	303	1.88	1733	10.77
950.00	337	2.09	1430	8.88
1100.00	430	2.67	1093	6.79
1300.00	275	1.71	663	4.12
1500.00	210	1.30	388	2.41
1700.00	89	0.55	178	1.11
1900.00	59	0.37	89	0.55
2200.00	25	0.16	30	0.19
2600.00	4	0.02	5	0.03
2900.00	1	0.01	1	0.01
3400.00	0	0.00	0	0.00
100000.00	0	0.00	0	0.00