

ANNUAL DISCHARGE RECORD

Day	RIVER										TOTAL G.R.S.E		E07+E008A	
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
1	2.200	0.492	3.910	1.750	3.180	1.940	0.816	2.500	0.508	1.020	0.503	2.520		
2	2.180	1.450	7.950	1.080	2.840	1.650	0.766	2.480	0.588	0.937	0.548	2.390		
3	1.990	2.120	4.160	0.967	7.130	1.490	0.960	2.480	0.517	0.842	0.813	2.330		
4	1.720	2.020	2.810	0.763	31.280	1.340	0.704	2.620	0.464	0.739	0.594	2.290		
5	1.700	2.000	2.530	0.688	25.410	1.320	0.624	2.540	0.439	0.673	0.536	2.280		
6	1.700	2.400	2.440	0.607	13.240	1.220	0.560	2.610	0.418	0.770	0.494	2.260		
7	1.710	2.830	2.380	0.565	8.660	1.090	0.548	2.640	0.476	0.629	0.466	2.250		
8	1.950	2.820	2.410	0.608	5.364	1.100	0.510	2.560	0.422	0.582	0.512	2.290		
9	2.420	2.780	2.050	0.605	3.903	1.110	0.502	2.530	0.393	0.548	0.550	2.310		
10	2.430	2.760	1.430	0.608	3.180	0.954	0.467	2.480	0.372	0.519	0.455	2.380		
11	2.420	2.760	0.553	0.534	3.090	0.892	0.451	2.680	0.372	0.494	0.435	2.290		
12	2.400	2.770	0.543	0.524	2.490	0.903	0.450	2.660	0.512	0.461	0.424	2.290		
13	2.390	3.020	0.480	0.483	2.270	0.862	0.440	2.560	0.431	0.434	0.404	2.430		
14	2.380	3.590	0.454	0.474	2.330	1.160	0.430	2.540	0.473	0.434	0.440	2.620		
15	2.390	3.220	0.468	0.638	2.000	1.280	1.110	2.500	0.612	0.414	0.733	2.600		
16	2.370	2.990	0.514	5.460	1.750	0.979	1.840	2.450	0.875	0.436	1.350	2.600		
17	2.350	2.940	0.547	10.290	1.550	0.894	1.890	2.440	3.350	0.404	1.360	2.650		
18	2.350	2.920	0.515	3.563	1.620	2.020	2.130	2.440	1.400	0.374	1.360	2.810		
19	2.340	2.900	0.517	1.750	2.280	1.710	2.130	2.540	0.923	0.362	1.680	2.720		
20	2.350	2.870	0.482	2.290	3.170	1.320	2.130	2.450	0.790	0.355	2.340	2.640		
21	1.960	2.830	0.446	2.250	3.380	1.300	2.130	2.450	1.310	0.355	2.300	2.610		
22	0.384	2.780	0.586	3.010	2.710	1.480	2.160	2.460	1.170	0.389	2.290	2.650		
23	0.354	2.730	0.606	1.790	3.135	1.470	2.130	2.440	1.830	0.401	2.290	2.590		
24	0.311	2.700	10.080	1.530	10.310	1.480	2.120	2.550	1.190	0.427	2.310	2.680		
25	0.289	2.690	1.400	2.880	13.010	1.200	2.130	2.470	0.948	0.717	2.340	2.650		
26	0.289	2.680	0.964	3.020	9.180	1.280	2.110	2.420	0.847	1.590	2.330	2.610		
27	0.282	2.660	0.807	2.670	6.131	1.290	2.110	2.410	1.490	1.510	2.300	2.560		
28	1.180	2.660	0.881	2.980	3.902	1.170	2.080	1.870	1.090	1.510	2.290	2.560		
29	1.630	2.650	0.762		2.990	1.130	2.080	0.374	1.060	1.520	2.290	2.550		
30	0.355	2.660	0.700		2.530	0.934	2.230	0.368	1.050	0.678	2.420	2.730		
31		2.860	0.815		2.220		2.500		1.150	0.555		2.580		YEAR
Total (m ³ /sDays)	50.774	81.552	55.190	54.377	186.234	37.968	43.238	70.512	27.470	21.079	39.157	77.720	745.271	
Volume (Mm ³)	4.387	7.046	4.768	4.698	16.091	3.280	3.736	6.092	2.373	1.821	3.383	6.715	64.391	
Mean (m ³ /s)	1.692	2.631	1.780	1.942	6.008	1.266	1.395	2.350	0.886	0.680	1.305	2.507	2.042	
Max (m ³ /s)	2.430	3.590	10.080	10.290	31.280	2.020	2.500	2.680	3.350	1.590	2.420	2.810	31.280	
Min (m ³ /s)	0.282	0.492	0.446	0.474	1.550	0.862	0.430	0.368	0.372	0.355	0.404	2.250	0.282	

Day	RIVER										TOTAL G.R.S.E		E07+E008A	
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
1	2.570	1.620	1.400	1.650	8.070	0.836	1.490	1.480	1.520	0.856	1.750	2.380		
2	2.550	1.620	1.400	1.210	7.180	0.968	1.320	1.620	1.530	1.760	1.710	2.270		
3	2.550	1.610	1.560	1.090	6.490	1.100	1.290	1.870	1.820	1.780	1.680	2.240		
4	2.530	1.590	1.500	1.060	7.203	0.985	1.190	1.393	2.510	1.750	1.670	2.230		
5	2.520	1.590	1.410	1.030	9.702	1.020	1.120	1.449	2.640	1.730	1.650	2.250		
6	2.470	1.600	1.390	1.040	6.475	1.010	1.040	1.640	2.510	1.750	1.650	2.250		
7	2.110	1.590	1.480	0.947	4.917	1.110	0.902	1.883	2.470	1.720	1.670	2.220		
8	1.660	1.840	1.550	0.840	4.074	1.350	0.829	1.775	2.530	1.710	1.680	2.220		
9	1.670	2.170	1.490	0.808	3.460	1.110	0.963	2.323	2.480	1.720	1.670	2.200		
10	1.630	2.160	1.320	0.872	3.647	1.090	0.818	6.463	2.440	1.730	1.690	2.200		
11	1.620	2.160	1.070	0.788	4.663	0.920	0.768	4.205	2.440	1.840	1.690	2.220		
12	1.620	2.170	1.120	0.842	4.365	0.915	0.745	3.117	3.060	1.890	1.680	2.190		
13	1.620	2.150	1.070	0.723	4.225	1.220	0.646	2.539	3.710	1.800	1.680	2.180		
14	1.620	2.140	1.230	0.695	4.018	1.300	0.682	1.998	2.960	1.740	1.660	2.170		
15	1.610	2.120	1.790	0.755	3.464	1.410	1.350	1.754	2.760	1.700	1.650	2.300		
16	1.820	2.110	1.710	1.080	2.804	2.510	3.032	1.700	2.710	1.680	1.660	2.230		
17	3.290	2.090	0.960	1.130	2.869	2.950	3.760	1.580	2.690	1.650	1.650	2.090		
18	1.430	2.080	0.708	2.780	2.433	2.790	2.670	1.483	2.670	1.660	1.650	2.770		
19	1.170	2.110	0.749	1.350	2.200	2.490	2.350	1.397	2.710	1.650	1.630	2.170		
20	1.090	2.110	0.920	1.960	2.171	3.250	2.400	1.312	2.240	1.660	1.620	1.920		
21	1.050	2.100	0.996	4.070	2.051	2.870	2.250	1.378	0.560	1.660	2.120	1.830		
22	1.020	2.080	0.969	3.090	2.024	2.370	2.640	1.334	0.520	1.680	2.370	2.170		
23	0.986	2.060	0.884	1.910	2.870	2.180	2.440	1.292	0.541	1.660	2.330	2.030		
24	0.956	2.050	0.763	6.060	2.460	1.800	2.070	1.181	0.499	1.650	2.290	1.720		
25	0.939	2.050	0.665	9.870	1.800	1.850	1.580	1.162	0.518	1.630	2.270	0.742		
26	0.929	2.080	2.470	14.620	1.430	1.830	1.100	1.157	0.912	1.610	2.300	0.655		
27	1.200	2.110	2.191	18.750	1.420	3.090	1.140	0.829	0.795	1.630	2.290	0.650		
28	1.630	2.030	2.198	12.140	1.200	2.660	1.230	0.562	0.630	1.630	2.280	0.634		
29	1.620	1.720	2.802		1.050	2.110	2.510	0.978	0.559	1.610	2.260	0.560		
30	1.620	1.380	7.370		0.923	1.740	2.460	1.550	0.537	2.090	2.390	0.545		
31		1.370	3.160		0.842		1.860		0.495	1.880		0.508		YEAR
Total (m ³ /sDays)	51.100	59.660	50.294	93.160	112.500	52.834	50.645	54.404	56.966	52.506	56.290	56.744	747.104	
Volume (Mm ³)	4.415	5.155	4.345	8.049	9.720	4.565	4.376	4.701	4.922	4.537	4.863	4.903	64.550	
Mean (m ³ /s)	1.703	1.925	1.622	3.327	3.629	1.761	1.634	1.813	1.838	1.694	1.876	1.830	2.047	
Max (m ³ /s)	3.290	2.170	7.370	18.750	9.702	3.250	3.760	6.463	3.710	2.090	2.390	2.770	18.750	
Min (m ³ /s)	0.929	1.370	0.665	0.695	0.842	0.836	0.646	0.562	0.495	0.856	1.620	0.508	0.495	

ANNUAL DISCHARGE RECORD

RIVER TOTAL G.R.S.E E07+E008A

Day	RIVER										E07+E008A		
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	0.492	2.110	1.630	1.610	0.764	1.622	0.607	2.740	1.170	2.050	0.860	1.820	
2	0.464	2.070	1.650	1.450	0.706	0.434	0.493	2.320	1.070	2.280	0.858	1.560	
3	0.448	2.070	1.540	2.054	0.682	0.409	0.487	1.970	0.983	2.520	0.786	1.410	
4	0.436	2.060	1.410	2.033	0.738	0.395	0.494	1.690	0.910	2.030	0.788	1.370	
5	0.431	2.060	1.410	1.540	0.762	0.381	0.759	1.700	0.856	1.780	1.200	1.180	
6	0.379	2.050	1.410	1.410	0.644	0.386	1.300	1.960	0.788	2.080	1.140	1.040	
7	0.618	2.020	1.430	1.390	0.599	0.931	1.280	2.120	0.759	1.840	0.952	1.250	
8	1.610	2.020	0.329	1.220	0.569	1.004	1.260	3.351	0.741	2.460	1.180	1.110	
9	1.620	1.990	0.484	0.728	0.548	0.980	1.240	3.292	0.780	2.600	1.020	1.010	
10	1.620	2.050	1.060	0.590	0.537	0.986	1.240	2.830	0.661	2.130	0.913	2.210	
11	1.630	2.050	0.542	0.513	0.540	0.949	1.260	1.760	0.615	2.050	2.020	2.906	
12	1.780	2.560	0.412	0.475	0.527	0.909	1.290	1.930	0.619	1.660	1.780	2.270	
13	1.650	2.550	0.362	0.485	2.511	0.829	1.330	1.940	0.621	1.440	1.460	1.690	
14	1.640	2.550	0.335	0.474	3.950	0.926	1.280	1.960	0.766	1.240	1.240	1.550	
15	1.620	2.550	0.315	1.472	4.360	0.809	0.601	1.980	2.138	1.350	1.160	1.390	
16	1.620	2.500	0.314	3.063	1.832	0.584	2.123	2.050	2.993	1.210	2.703	1.210	
17	1.620	2.490	0.324	2.210	1.360	0.577	12.310	2.160	3.246	1.100	2.981	1.100	
18	1.610	2.570	0.334	1.180	1.050	0.547	12.150	2.170	2.961	1.370	2.989	0.931	
19	1.620	2.550	0.356	1.070	0.895	0.678	5.920	2.140	2.000	1.250	6.530	0.868	
20	1.580	1.610	0.315	1.900	0.793	3.352	3.163	2.280	1.950	1.060	4.920	0.852	
21	1.590	1.550	0.304	1.960	0.744	3.091	2.730	2.170	1.840	0.999	3.013	0.805	
22	1.600	1.450	0.411	2.108	1.290	2.597	2.060	2.190	1.790	0.900	2.593	0.654	
23	1.600	1.430	0.358	5.290	1.590	1.790	1.640	2.210	2.369	0.825	2.213	0.760	
24	1.600	1.430	0.306	3.294	2.130	1.511	2.373	2.170	3.960	0.791	2.050	0.706	
25	1.600	2.500	0.294	2.264	4.190	1.251	2.360	2.170	3.327	1.110	2.470	0.657	
26	1.550	2.580	0.293	2.220	37.830	0.963	1.740	2.140	2.988	1.370	2.590	0.605	
27	1.670	2.630	0.303	2.190	13.900	0.714	1.520	2.100	2.770	1.270	2.900	0.575	
28	2.040	2.610	0.313	2.240	4.990	0.614	1.250	2.210	2.420	1.030	2.920	0.539	
29	2.060	2.660	0.304	1.560	3.129	0.583	1.190	1.950	2.100	0.944	2.750	0.506	
30	2.070	2.610	0.333	2.830	0.539	2.070	1.340	1.860	1.040	2.220	0.496	0.496	
31		2.610	1.500		2.470		2.740		1.900	0.944		0.529	
Total (m³/sDays)	41.868	68.540	20.681	49.993	99.461	31.341	72.260	64.993	53.950	46.723	63.200	35.559	648.569
Volume (Mm³)	3.617	5.922	1.787	4.319	8.593	2.708	6.243	5.615	4.661	4.037	5.460	3.072	56.036
Mean (m³/s)	1.396	2.211	0.667	1.724	3.208	1.045	2.331	2.166	1.740	1.507	2.107	1.147	1.772
Max (m³/s)	2.070	2.660	1.650	5.290	37.830	3.352	12.310	3.351	3.960	2.600	6.530	2.906	37.830
Min (m³/s)	0.379	1.430	0.293	0.474	0.527	0.381	0.487	1.340	0.615	0.791	0.786	0.496	0.293

Day	RIVER										E07+E008A		
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	0.662	2.940	2.400	0.800	1.920	2.880	1.620	1.230	0.728	37.370	1.330	0.478	
2	0.594	2.710	2.710	0.626	1.850	2.210	1.390	1.130	0.611	18.370	1.430	0.470	
3	0.536	2.550	2.890	0.510	2.860	1.970	1.230	1.030	0.518	4.370	1.120	0.465	
4	0.519	2.420	2.880	0.717	2.970	1.630	1.140	0.951	0.477	2.463	1.070	0.442	
5	0.860	2.360	2.890	2.050	2.970	1.740	1.280	0.859	0.430	2.113	1.010	0.734	
6	1.440	2.320	1.970	2.590	2.950	2.950	2.120	0.772	0.508	2.233	1.290	1.520	
7	1.520	2.280	0.834	2.520	2.940	2.950	1.600	0.706	0.584	2.313	1.710	1.800	
8	1.460	2.330	0.748	2.670	2.690	2.410	1.280	0.698	0.623	2.353	1.430	2.330	
9	1.450	2.330	0.721	2.851	2.560	2.330	1.150	0.755	0.617	2.483	1.230	2.410	
10	1.460	2.340	0.768	3.496	2.560	2.960	1.030	0.709	0.643	6.230	1.110	2.400	
11	1.460	2.300	0.937	3.653	2.210	2.940	0.956	0.686	0.701	4.200	0.968	2.400	
12	1.440	2.260	0.740	2.915	2.470	2.920	0.904	0.816	0.852	2.790	0.877	2.410	
13	1.440	2.240	0.640	2.930	2.970	2.760	1.860	1.660	0.852	2.400	0.807	2.400	
14	1.750	2.230	0.581	2.830	2.970	2.270	2.960	2.360	0.875	2.040	0.767	2.390	
15	2.170	2.250	0.539	2.450	2.970	1.920	2.500	1.620	0.900	1.740	0.823	2.360	
16	2.180	2.250	0.707	2.050	3.019	2.110	2.560	1.190	0.882	1.520	0.784	2.350	
17	2.190	2.260	0.750	1.780	2.989	2.510	2.920	1.100	1.020	1.850	0.746	2.350	
18	2.180	2.240	1.370	2.090	2.831	2.950	2.860	1.080	1.240	1.830	0.860	2.350	
19	2.170	2.220	1.340	2.420	3.060	2.950	2.520	1.360	1.330	2.585	0.782	2.350	
20	2.170	2.270	0.900	2.920	3.055	2.960	2.090	1.060	1.490	2.511	0.996	2.310	
21	2.160	2.340	0.782	2.920	3.016	2.960	1.840	0.858	2.723	2.360	0.931	2.478	
22	2.140	2.450	0.706	2.920	3.125	2.740	2.510	0.796	11.920	2.190	0.794	10.050	
23	2.130	2.580	0.759	2.980	2.484	2.450	2.760	0.767	13.970	2.070	0.681	2.810	
24	2.160	2.720	0.702	2.960	2.050	1.970	2.360	0.704	2.921	1.780	0.616	11.910	
25	2.140	2.670	0.635	2.530	1.810	1.600	2.745	1.120	2.330	2.010	0.571	11.530	
26	2.130	2.420	0.622	2.750	1.580	2.130	2.222	1.130	1.990	2.370	0.555	6.440	
27	2.110	2.360	0.591	2.850	1.420	2.520	2.170	0.958	1.990	1.920	0.619	4.040	
28	2.300	2.280	0.563	2.300	1.490	2.550	2.070	0.827	2.490	1.780	0.527	3.112	
29	2.520	2.280	0.552	1.580	2.260	1.770	0.758	1.940	1.520	1.520	0.503	2.941	
30	2.910	2.300	0.530	2.410	1.860	1.860	1.530	0.811	1.650	1.300	0.489	2.867	
31		2.260	0.987		2.970		1.360		3.320	1.140		11.300	
Total (m³/sDays)	52.351	73.760	34.744	67.078	78.748	73.360	59.308	30.501	63.125	124.205	27.426	106.196	790.802
Volume (Mm³)	4.523	6.373	3.002	5.796	6.804	6.338	5.124	2.635	5.454	10.731	2.370	9.175	68.325
Mean (m³/s)	1.745	2.379	1.121	2.396	2.540	2.445	1.913	1.017	2.036	4.007	0.914	3.426	2.167
Max (m³/s)	2.910	2.940	2.890	3.653	3.125	2.960	2.960	2.360	13.970	37.370	1.710	11.910	37.370
Min (m³/s)	0.519	2.220	0.530	0.510	1.420	1.600	0.904	0.686	0.430	1.140	0.489	0.442	0.430

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Day	RIVER										TOTAL G.R.S.E		E07+E008A	
	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct		
1	7.630	0.530	2.830	0.464	0.514	1.570	1.560	1.310	2.260	0.760	2.350	2.210		
2	3.132	0.507	2.630	0.659	0.930	1.570	1.380	1.020	2.250	0.724	1.960	2.200		
3	2.832	0.501	1.990	0.635	1.175	1.330	1.240	0.872	2.240	0.703	2.760	2.180		
4	2.270	0.914	1.650	0.621	1.240	1.440	1.090	0.791	2.230	0.659	3.070	2.200		
5	0.778	0.734	1.550	0.732	1.320	1.470	1.000	0.769	2.190	0.723	2.490	2.520		
6	0.716	0.778	1.310	0.670	2.690	1.450	0.898	0.682	2.170	0.676	2.010	2.320		
7	0.664	0.809	1.665	0.616	2.850	1.180	0.791	0.680	2.170	0.633	1.720	2.260		
8	0.677	0.873	2.770	0.575	2.969	1.080	0.737	0.639	2.180	0.615	1.570	2.260		
9	0.607	0.919	2.589	0.700	2.973	0.981	0.658	0.575	2.170	0.726	1.420	2.230		
10	0.562	0.807	2.168	0.809	2.967	1.030	0.600	0.512	2.170	0.663	1.580	2.210		
11	0.525	0.725	1.840	0.705	2.875	0.832	0.648	0.499	2.170	0.605	1.690	2.210		
12	0.502	0.693	1.530	0.738	2.670	0.839	0.797	0.498	2.190	0.589	1.330	2.190		
13	0.498	0.647	2.440	0.676	2.180	0.994	0.843	0.509	2.080	0.612	1.130	2.190		
14	0.466	0.666	2.720	0.636	2.250	0.937	0.810	0.510	1.940	0.771	0.989	2.190		
15	0.450	0.940	2.760	0.615	1.880	0.918	0.746	0.498	1.940	0.766	0.892	2.180		
16	0.943	1.110	3.159	4.172	1.830	0.767	0.498	0.569	1.920	0.719	0.821	2.180		
17	8.140	1.220	2.859	5.092	1.860	0.687	0.454	1.570	1.820	0.685	0.723	2.140		
18	9.030	1.360	2.794	1.272	2.010	0.538	1.590	1.610	1.830	0.778	0.672	2.170		
19	2.340	1.550	2.793	1.436	2.060	0.462	2.160	1.610	1.850	0.777	0.649	2.170		
20	2.130	1.610	2.701	0.739	1.680	0.336	1.940	1.610	1.850	0.772	0.637	2.170		
21	2.050	1.620	2.182	0.583	1.430	0.319	1.590	1.610	1.850	0.768	0.631	2.170		
22	2.010	1.620	2.380	0.565	1.530	0.303	1.530	1.690	1.840	0.772	1.010	2.170		
23	1.440	1.610	2.595	0.579	1.740	0.432	0.842	1.950	1.870	1.510	1.410	2.140		
24	0.574	1.610	3.123	0.539	2.080	0.601	0.997	2.050	1.860	1.750	1.410	2.140		
25	0.802	1.610	3.053	0.551	2.040	0.594	0.904	2.050	1.840	1.810	1.410	2.280		
26	1.150	1.620	0.616	0.577	2.270	0.589	0.894	2.060	1.890	2.240	1.410	2.500		
27	0.716	1.610	0.506	0.559	2.090	0.614	0.872	2.060	1.910	2.270	1.410	2.420		
28	0.608	1.620	0.698	0.516	2.060	0.616	0.916	2.130	1.910	2.460	1.670	2.540		
29	0.564	2.293	0.691		1.680	0.605	0.916	2.230	1.560	2.480	2.220	2.550		
30	0.548	4.540	0.656		1.810	0.648	1.670	2.270	0.832	2.470	2.280	2.550		
31		2.841	0.619		1.630		1.550		0.741	2.480		2.550		Y E A R
Total (m ³ sDays)	55.354	40.487	63.866	27.031	61.283	25.732	33.121	37.433	59.723	34.966	45.324	70.390	554.710	
Volume (Mm ³)	4.783	3.498	5.518	2.335	5.295	2.223	2.862	3.234	5.160	3.021	3.916	6.082	47.927	
Mean (m ³ /s)	1.845	1.306	2.060	0.965	1.977	0.858	1.068	1.248	1.927	1.128	1.511	2.271	1.520	
Max (m ³ /s)	9.030	4.540	3.159	5.092	2.973	1.570	2.160	2.270	2.260	2.480	3.070	2.550	9.030	
Min (m ³ /s)	0.450	0.501	0.506	0.464	0.514	0.303	0.454	0.498	0.741	0.589	0.631	2.140	0.303	