

ANNUAL DISCHARGE RECORD

RIVER G.R.S.E E13

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
	1	0.130	0.135	0.820	12.000	6.760	5.090	6.620	1.590	3.150	2.570	1.880	0.298
2	0.133	0.159	0.784	9.820	6.300	4.780	10.400	1.990	3.400	3.760	1.650	0.284	
3	0.121	0.139	0.877	8.470	5.880	4.790	9.290	1.830	5.020	3.020	1.640	0.363	
4	0.127	0.158	0.808	7.920	5.650	4.480	7.700	2.030	4.150	4.560	1.840	1.410	
5	0.127	0.182	0.461	7.180	5.720	3.990	7.500	2.220	3.970	3.480	1.840	1.170	
6	0.151	0.190	0.614	6.700	5.480	3.730	6.790	1.860	4.070	3.490	1.650	0.774	
7	0.164	0.162	0.652	6.270	5.400	3.490	6.010	1.720	3.840	3.760	1.380	0.625	
8	0.158	0.172	0.450	6.060	5.370	3.410	5.580	1.600	3.620	4.800	1.180	0.672	
9	0.150	0.163	0.373	6.000	5.240	3.280	5.680	1.420	4.830	21.700	1.020	0.718	
10	0.134	0.168	0.298	5.780	4.840	3.200	5.360	1.290	4.490	11.100	0.873	0.719	
11	0.129	0.167	0.268	5.680	4.640	3.440	5.250	1.290	5.580	7.390	0.907	0.646	
12	0.129	0.165	0.493	5.310	4.440	3.300	5.070	1.420	4.760	6.270	1.170	0.682	
13	0.130	0.238	0.568	5.590	4.250	3.250	4.660	1.520	4.530	8.570	1.050	0.616	
14	0.133	6.130	0.875	5.940	4.020	5.010	4.320	1.540	4.570	7.680	1.040	0.509	
15	0.125	2.180	0.904	28.500	4.660	4.550	4.060	1.510	4.120	6.390	0.889	0.448	
16	0.122	2.790	1.610	67.100	4.570	3.970	3.720	1.600	3.780	5.910	0.782	0.415	
17	0.121	1.860	2.410	56.800	12.100	3.620	3.490	1.160	3.780	5.410	0.660	0.358	
18	0.125	1.810	1.760	24.900	12.300	3.470	3.530	1.250	4.950	4.760	0.534	0.328	
19	0.162	1.860	1.550	17.900	7.500	3.270	3.200	1.230	3.950	4.510	0.426	0.312	
20	0.158	1.800	1.370	14.100	7.340	3.110	2.980	1.200	3.810	4.510	0.367	0.348	
21	0.144	1.590	1.640	12.800	7.090	2.920	2.940	1.260	3.710	4.140	0.388	0.603	
22	0.141	1.410	1.100	11.900	6.270	2.930	2.950	1.120	3.230	4.270	0.335	1.400	
23	0.146	1.130	1.020	10.900	5.760	4.500	2.700	0.965	2.820	4.030	0.301	1.100	
24	0.128	0.969	0.987	9.650	5.480	26.500	2.660	0.995	2.720	3.790	0.302	0.694	
25	0.115	0.900	1.040	8.770	5.390	30.500	2.550	1.520	2.770	3.700	0.311	0.458	
26	0.129	0.775	1.030	8.220	5.220	11.800	2.390	2.660	2.750	3.230	0.334	0.302	
27	0.150	0.613	0.991	7.870	4.730	9.150	2.260	1.920	2.530	2.860	0.321	0.298	
28	0.127	0.522	3.140	7.350	4.450	8.090	2.220	2.850	2.190	2.420	0.341	0.322	
29	0.125	0.775	70.200	7.250	4.210	7.220	2.480	4.830	1.880	2.580	0.317	0.355	
30	0.112	1.010	43.200		4.430	6.760	2.330	3.420	1.820	2.460	0.365	0.358	
31		0.914	16.000		4.620		1.840		2.410	2.150	0.415	0.415	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>4.046</b>	<b>31.236</b>	<b>158.293</b>	<b>392.730</b>	<b>180.110</b>	<b>187.600</b>	<b>138.530</b>	<b>52.810</b>	<b>113.200</b>	<b>159.270</b>	<b>26.093</b>	<b>18.000</b>	<b>1461.918</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>0.350</b>	<b>2.699</b>	<b>13.677</b>	<b>33.932</b>	<b>15.562</b>	<b>16.205</b>	<b>11.969</b>	<b>4.563</b>	<b>9.780</b>	<b>13.761</b>	<b>2.254</b>	<b>1.555</b>	<b>126.310</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>0.135</b>	<b>1.008</b>	<b>5.106</b>	<b>13.542</b>	<b>5.810</b>	<b>6.253</b>	<b>4.469</b>	<b>1.760</b>	<b>3.652</b>	<b>5.138</b>	<b>0.870</b>	<b>0.581</b>	<b>3.994</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>0.164</b>	<b>6.130</b>	<b>70.200</b>	<b>67.100</b>	<b>12.300</b>	<b>30.500</b>	<b>10.400</b>	<b>4.830</b>	<b>5.580</b>	<b>21.700</b>	<b>1.880</b>	<b>1.410</b>	<b>70.200</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.112</b>	<b>0.135</b>	<b>0.268</b>	<b>5.310</b>	<b>4.020</b>	<b>2.920</b>	<b>1.840</b>	<b>0.965</b>	<b>1.820</b>	<b>2.150</b>	<b>0.301</b>	<b>0.284</b>	<b>0.112</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>0.218</b>	<b>15.400</b>	<b>142.000</b>	<b>115.000</b>	<b>21.200</b>	<b>153.000</b>	<b>11.800</b>	<b>5.740</b>	<b>8.170</b>	<b>28.300</b>	<b>2.210</b>	<b>2.960</b>	<b>153.000</b>

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	0.284	1.180	0.558	4.630	4.450	1.230	4.940	3.440	2.420	3.870	0.617	0.246	
2	0.256	1.480	0.547	5.440	4.390	1.380	4.630	3.280	2.550	2.190	0.649	0.208	
3	0.264	1.510	0.505	4.770	3.660	1.360	4.650	3.200	2.500	2.350	0.744	0.194	
4	0.283	1.430	0.691	4.130	3.410	1.670	4.470	3.030	3.250	4.160	0.593	0.237	
5	0.259	1.410	0.640	6.660	3.410	3.380	4.230	2.910	4.100	3.650	0.819	0.206	
6	0.229	1.360	0.651	5.580	3.140	2.500	3.990	2.800	3.200	3.420	0.475	0.195	
7	0.243	1.350	0.613	4.520	2.910	3.310	4.000	2.450	3.020	3.220	0.391	0.263	
8	0.239	1.300	0.544	4.000	2.840	2.800	3.870	2.560	2.960	3.620	0.335	0.196	
9	0.209	1.340	0.501	3.980	2.460	2.560	3.540	2.490	2.860	3.320	0.762	0.119	
10	0.217	1.390	0.370	3.360	3.200	2.480	3.300	2.390	2.810	3.020	0.482	0.119	
11	0.233	1.300	0.284	2.970	2.970	2.910	3.130	2.140	2.710	2.900	0.867	0.119	
12	0.212	1.200	0.325	2.600	2.660	11.300	2.700	1.980	2.660	2.910	0.628	0.135	
13	0.193	1.030	0.539	2.260	2.410	9.390	2.300	1.780	2.460	2.920	0.410	0.119	
14	0.184	0.934	9.470	2.030	2.420	44.300	2.240	1.560	2.310	2.810	0.309	0.119	
15	0.194	0.778	4.210	3.240	2.630	18.000	2.170	1.050	2.130	2.690	0.402	0.119	
16	0.279	0.772	4.250	6.380	2.480	34.200	2.050	0.872	1.980	2.510	0.559	0.153	
17	0.204	0.639	3.440	4.820	2.440	13.300	2.000	1.110	1.850	2.390	0.619	0.194	
18	0.125	0.538	5.750	4.210	2.460	10.600	1.860	1.060	1.890	2.210	0.543	0.142	
19	0.140	0.502	4.930	3.680	2.330	9.180	2.210	0.904	1.980	2.130	0.550	0.128	
20	0.167	0.531	3.750	3.570	2.130	8.220	2.120	0.875	1.760	1.990	0.389	0.133	
21	0.187	0.540	11.100	4.510	1.870	9.510	3.810	1.850	1.590	1.470	0.262	0.144	
22	0.179	0.517	8.830	4.020	2.120	9.240	2.560	2.360	1.380	1.160	0.223	0.210	
23	0.152	1.040	6.240	3.680	2.400	7.610	5.470	1.890	1.220	0.958	0.509	0.237	
24	0.912	1.040	5.550	3.810	2.840	6.570	5.790	1.430	1.070	0.843	0.685	0.182	
25	1.370	0.818	4.900	3.610	2.220	6.020	3.650	1.540	0.608	0.809	0.406	0.160	
26	1.190	0.717	4.570	3.450	1.890	7.440	3.400	2.730	0.614	0.768	0.314	0.153	
27	0.800	0.636	4.520	6.350	1.730	6.020	3.510	2.190	0.652	0.699	0.754	0.162	
28	0.564	0.608	4.880	4.870	1.620	5.550	3.320	2.120	0.748	0.720	0.396	0.197	
29	0.602	0.615	4.580		1.360	5.380	3.510	2.380	1.510	0.704	0.258	0.645	
30	0.832	0.610	4.550		1.270	5.900	4.870	2.530	1.440	0.584	0.232	0.672	
31		0.604	4.690		1.250		3.810		1.320	0.644		0.225	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>11.202</b>	<b>29.719</b>	<b>106.978</b>	<b>117.130</b>	<b>79.370</b>	<b>253.310</b>	<b>108.100</b>	<b>62.901</b>	<b>63.552</b>	<b>67.639</b>	<b>15.182</b>	<b>6.331</b>	<b>921.414</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>0.968</b>	<b>2.568</b>	<b>9.243</b>	<b>10.120</b>	<b>6.858</b>	<b>21.886</b>	<b>9.340</b>	<b>5.435</b>	<b>5.491</b>	<b>5.844</b>	<b>1.312</b>	<b>0.547</b>	<b>79.610</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>0.373</b>	<b>0.959</b>	<b>3.451</b>	<b>4.183</b>	<b>2.560</b>	<b>8.444</b>	<b>3.487</b>	<b>2.097</b>	<b>2.050</b>	<b>2.182</b>	<b>0.506</b>	<b>0.204</b>	<b>2.524</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>1.370</b>	<b>1.510</b>	<b>11.100</b>	<b>6.660</b>	<b>4.450</b>	<b>44.300</b>	<b>5.790</b>	<b>3.440</b>	<b>4.100</b>	<b>4.160</b>	<b>0.867</b>	<b>0.672</b>	<b>44.300</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.125</b>	<b>0.502</b>	<b>0.284</b>	<b>2.030</b>	<b>1.250</b>	<b>1.230</b>	<b>1.860</b>	<b>0.872</b>	<b>0.608</b>	<b>0.584</b>	<b>0.223</b>	<b>0.119</b>	<b>0.119</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>2.360</b>	<b>2.310</b>	<b>55.200</b>	<b>14.000</b>	<b>6.740</b>	<b>89.800</b>	<b>19.300</b>	<b>3.840</b>	<b>7.660</b>	<b>10.100</b>	<b>1.420</b>	<b>1.330</b>	<b>89.800</b>

\* generated values      ■ Estimated      N.A Not available

ANNUAL DISCHARGE RECORD

RIVER G.R.S.E E13

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
	1	0.191	0.081	4.980	9.280	2.800	3.210	3.110	5.550	2.710	2.610	2.260	0.320
2	0.218	0.069	5.190	8.830	3.230	2.940	3.960	5.210	2.360	2.390	1.970	0.298	
3	0.553	0.000	14.000	8.180	3.200	2.700	3.140	4.680	2.310	2.160	1.750	0.280	
4	0.387	0.000	8.090	7.680	3.300	2.600	3.040	4.660	4.090	2.000	1.830	0.262	
5	0.455	0.000	5.810	6.740	3.000	2.860	4.240	5.250	3.100	1.830	1.900	0.224	
6	0.511	0.000	9.260	6.110	6.080	2.660	4.860	5.210	3.520	1.760	1.820	0.224	
7	0.464	0.000	14.100	5.980	4.780	2.410	4.080	4.500	3.520	1.730	1.740	0.246	
8	0.459	0.000	10.200	5.800	5.570	2.260	3.960	4.280	3.370	4.800	1.700	0.236	
9	0.449	0.000	8.500	5.700	5.050	2.160	4.010	4.180	3.030	3.210	1.650	0.216	
10	0.417	0.000	7.560	5.610	5.090	4.360	3.920	4.240	6.010	3.180	1.580	0.169	
11	0.416	0.000	6.980	5.100	5.780	3.860	4.060	4.070	4.700	3.600	1.450	0.189	
12	0.384	0.000	6.320	6.570	10.200	3.310	3.870	4.240	4.000	4.360	2.310	0.284	
13	0.337	0.000	5.660	5.610	13.100	3.100	3.830	4.590	3.860	3.650	1.660	0.682	
14	0.337	0.000	8.230	4.660	9.050	2.950	3.710	4.040	3.740	3.390	1.330	0.385	
15	0.328	0.000	6.920	4.390	7.440	2.800	3.490	3.780	4.210	3.290	1.310	0.249	
16	0.323	0.000	5.580	4.130	10.900	2.610	3.170	3.670	3.890	3.370	1.180	0.235	
17	0.314	0.000	4.840	3.770	8.830	2.580	3.030	3.460	3.720	3.080	0.995	0.219	
18	0.196	0.000	4.430	3.940	7.610	2.560	2.920	3.250	4.080	3.130	0.929	0.182	
19	0.119	0.000	4.360	4.740	6.880	2.640	2.740	2.980	3.920	3.160	0.833	0.180	
20	0.127	0.000	4.550	5.500	6.400	2.490	2.840	2.820	3.580	3.020	0.744	0.847	
21	0.119	0.063	7.220	4.950	6.460	2.410	3.570	3.020	3.380	2.880	0.750	2.540	
22	0.113	0.186	91.700	4.950	6.010	2.430	2.650	3.520	4.320	2.740	0.782	1.330	
23	0.092	0.413	92.700	5.030	5.700	3.550	2.450	3.530	3.960	2.540	0.674	0.983	
24	0.089	0.338	34.400	4.580	5.420	6.060	2.230	3.150	3.980	2.240	0.703	0.919	
25	0.101	0.243	22.100	4.110	5.120	5.780	2.210	3.010	3.700	2.040	0.650	0.863	
26	0.113	0.193	17.400	3.310	4.670	3.810	2.210	3.020	3.720	1.920	0.958	0.757	
27	0.103	0.104	14.600	3.110	4.430	3.320	2.230	2.900	3.440	2.000	0.877	0.716	
28	0.085	0.104	12.800	2.950	4.300	3.050	2.290	2.710	3.300	1.780	0.641	0.652	
29	0.072	0.316	11.500		4.080	2.880	2.140	2.660	3.060	1.530	0.601	0.651	
30	0.066	0.774	10.200		3.770	2.930	2.260	3.090	2.820	1.570	0.450	0.523	
31		3.740	9.350		3.540		4.630		2.820	2.120		0.406	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>7.939</b>	<b>6.625</b>	<b>469.530</b>	<b>151.310</b>	<b>181.790</b>	<b>93.280</b>	<b>100.850</b>	<b>115.270</b>	<b>112.220</b>	<b>83.080</b>	<b>38.027</b>	<b>16.267</b>	<b>1376.187</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>0.686</b>	<b>0.572</b>	<b>40.567</b>	<b>13.073</b>	<b>15.707</b>	<b>8.059</b>	<b>8.713</b>	<b>9.959</b>	<b>9.696</b>	<b>7.178</b>	<b>3.286</b>	<b>1.405</b>	<b>118.903</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>0.265</b>	<b>0.214</b>	<b>15.146</b>	<b>5.404</b>	<b>5.864</b>	<b>3.109</b>	<b>3.253</b>	<b>3.842</b>	<b>3.620</b>	<b>2.680</b>	<b>1.268</b>	<b>0.525</b>	<b>3.770</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>0.553</b>	<b>3.740</b>	<b>92.700</b>	<b>9.280</b>	<b>13.100</b>	<b>6.060</b>	<b>4.860</b>	<b>5.550</b>	<b>6.010</b>	<b>4.800</b>	<b>2.310</b>	<b>2.540</b>	<b>92.700</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.066</b>	<b>0.000</b>	<b>4.360</b>	<b>2.950</b>	<b>2.800</b>	<b>2.160</b>	<b>2.140</b>	<b>2.660</b>	<b>2.310</b>	<b>1.530</b>	<b>0.450</b>	<b>0.169</b>	<b>0.000</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>0.716</b>	<b>8.840</b>	<b>132.000</b>	<b>9.530</b>	<b>14.500</b>	<b>9.530</b>	<b>7.300</b>	<b>6.880</b>	<b>9.840</b>	<b>7.950</b>	<b>3.720</b>	<b>3.610</b>	<b>132.000</b>

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	0.315	0.010	1.830	1.170	5.410	4.690	13.200	4.830	3.520	4.470	2.000	2.850	
2	0.264	0.043	1.960	1.470	4.580	4.960	13.600	5.480	3.980	4.300	1.850	2.570	
3	0.268	0.045	1.890	1.670	4.130	4.890	13.100	5.310	4.250	4.070	1.720	2.290	
4	0.390	0.126	1.820	1.370	3.650	4.350	12.600	5.900	3.650	3.790	1.410	1.960	
5	0.626	0.194	1.720	1.280	3.820	3.980	14.800	5.160	3.670	3.480	1.780	1.610	
6	0.389	0.372	1.440	1.160	3.230	3.730	39.600	4.740	3.680	3.140	2.150	1.350	
7	0.273	0.412	1.200	1.570	2.800	3.730	26.000	4.630	4.150	2.640	2.580	1.120	
8	0.211	0.313	1.150	1.420	2.610	16.300	16.700	4.170	4.500	2.400	3.000	1.070	
9	0.179	0.261	1.040	1.840	2.670	17.600	14.000	3.950	4.790	2.360	3.510	1.060	
10	0.227	0.230	0.881	7.030	2.780	17.700	12.600	3.980	7.470	2.450	2.840	0.887	
11	0.208	0.267	0.733	13.000	2.530	13.000	11.400	3.780	11.800	2.360	1.890	0.750	
12	0.166	0.577	0.682	11.700	2.930	15.300	10.500	3.660	9.860	2.440	1.880	0.793	
13	0.114	0.975	0.616	45.900	2.930	14.600	10.200	3.450	7.520	2.130	1.960	0.704	
14	0.098	1.440	0.493	23.700	2.820	11.400	9.890	3.190	7.410	1.990	2.020	0.681	
15	0.096	1.710	0.366	14.100	4.260	10.400	8.590	3.130	10.500	1.970	2.020	0.595	
16	0.093	3.520	0.314	10.600	8.250	9.110	7.870	2.820	9.350	2.070	3.210	0.619	
17	0.115	5.860	0.304	9.600	18.600	8.500	7.290	2.320	8.180	4.130	9.510	0.563	
18	0.119	3.570	0.241	8.410	10.600	7.900	6.840	2.020	7.010	6.130	7.670	0.487	
19	0.153	2.710	0.211	7.570	7.870	10.600	8.460	1.940	6.590	5.440	5.720	0.468	
20	0.163	2.510	0.254	6.630	7.140	7.930	9.880	1.870	5.900	4.440	5.310	0.454	
21	0.169	2.340	0.284	6.040	15.200	7.320	7.960	1.780	5.790	4.330	4.850	0.389	
22	0.134	2.330	0.649	5.590	9.600	6.750	7.290	1.870	5.490	3.950	4.790	0.299	
23	0.121	2.320	0.628	5.570	8.210	6.340	6.730	1.730	5.340	3.650	4.770	0.257	
24	0.107	2.160	0.648	7.860	8.140	11.200	6.560	1.770	6.070	3.430	4.490	0.252	
25	0.089	1.920	0.500	6.000	7.820	31.500	6.490	1.730	5.240	3.230	4.160	0.245	
26	0.063	1.770	0.508	5.040	6.860	17.300	5.870	1.560	4.900	3.020	3.920	0.235	
27	0.067	2.150	0.884	5.870	6.590	29.400	5.640	1.490	4.680	2.910	3.840	0.227	
28	0.000	2.550	1.070	6.960	5.970	16.400	5.240	4.520	4.420	2.770	3.830	0.250	
29	0.000	2.200	0.959		5.690	14.800	5.650	4.160	4.270	2.470	3.630	0.366	
30	0.000	1.900	0.839		5.240	13.500	6.240	3.790	4.540	2.250	3.230	0.272	
31		1.680	0.957		5.010		5.390		4.640	2.260		0.162	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>5.219</b>	<b>48.464</b>	<b>27.071</b>	<b>220.120</b>	<b>187.940</b>	<b>345.180</b>	<b>336.180</b>	<b>100.730</b>	<b>183.160</b>	<b>100.470</b>	<b>105.540</b>	<b>25.835</b>	<b>1685.909</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>0.451</b>	<b>4.187</b>	<b>2.339</b>	<b>19.018</b>	<b>16.238</b>	<b>29.824</b>	<b>29.046</b>	<b>8.703</b>	<b>15.825</b>	<b>8.681</b>	<b>9.119</b>	<b>2.232</b>	<b>145.663</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>0.174</b>	<b>1.563</b>	<b>0.873</b>	<b>7.861</b>	<b>6.063</b>	<b>11.506</b>	<b>10.845</b>	<b>3.358</b>	<b>5.908</b>	<b>3.241</b>	<b>3.518</b>	<b>0.833</b>	<b>4.619</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>0.626</b>	<b>5.860</b>	<b>1.960</b>	<b>45.900</b>	<b>18.600</b>	<b>31.500</b>	<b>39.600</b>	<b>5.900</b>	<b>11.800</b>	<b>6.130</b>	<b>9.510</b>	<b>2.850</b>	<b>45.900</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.000</b>	<b>0.010</b>	<b>0.211</b>	<b>1.160</b>	<b>2.530</b>	<b>3.730</b>	<b>5.240</b>	<b>1.490</b>	<b>3.520</b>	<b>1.970</b>	<b>1.410</b>	<b>0.162</b>	<b>0.000</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>0.816</b>	<b>6.400</b>	<b>1.980</b>	<b>79.200</b>	<b>32.800</b>	<b>57.300</b>	<b>54.100</b>	<b>6.610</b>	<b>12.500</b>	<b>7.800</b>	<b>10.200</b>	<b>3.010</b>	<b>79.200</b>

\* generated values

▪ Estimated

N.A Not available

ANNUAL DISCHARGE RECORD

RIVER G.R.S.E E13

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
	1	0.142	0.853	1.430	10.600	12.700	5.520	10.300	4.780	3.330	1.050	0.113	1.840
2	0.140	0.971	6.330	21.100	10.300	5.440	26.300	4.460	3.510	1.250	0.119	1.150	
3	0.101	0.869	13.500	12.300	8.290	5.580	21.500	4.330	3.500	1.110	0.119	1.140	
4	0.073	0.669	4.550	16.000	8.210	5.640	13.600	4.580	3.570	0.913	0.123	1.140	
5	0.046	0.545	3.630	16.000	12.600	5.330	10.500	4.110	3.670	0.843	0.196	1.120	
6	0.032	0.547	3.580	12.300	13.500	4.980	10.800	3.940	3.330	0.784	0.281	0.997	
7	0.027	0.519	3.590	10.200	10.300	5.880	10.200	3.810	3.750	0.678	0.244	0.878	
8	0.030	0.506	4.290	8.910	9.010	8.040	12.200	3.490	4.000	0.620	0.172	0.799	
9	0.027	0.496	3.800	8.170	7.990	8.760	10.200	3.050	3.830	0.521	0.145	0.720	
10	0.030	0.483	3.810	8.160	7.310	41.400	9.250	2.990	3.400	0.474	0.128	0.691	
11	0.071	0.429	3.460	7.490	6.770	21.600	8.750	3.520	3.250	0.484	0.111	0.695	
12	0.119	0.382	4.280	7.580	6.400	14.600	7.990	3.050	3.030	0.309	0.187	0.593	
13	0.139	0.326	16.200	7.050	6.060	13.300	7.920	2.500	3.050	0.003	0.183	0.530	
14	0.139	0.247	11.800	7.240	5.830	16.700	8.020	2.330	2.900	0.275	0.147	0.590	
15	0.280	0.241	14.800	6.890	6.090	13.400	10.600	2.180	2.650	0.288	0.126	0.500	
16	0.552	0.313	11.000	6.500	6.190	11.700	8.560	2.390	2.450	0.221	0.118	0.449	
17	1.630	0.320	10.900	6.160	5.400	10.900	7.800	2.750	2.230	0.143	0.120	0.616	
18	1.500	0.307	9.420	6.300	4.910	10.400	7.370	2.590	2.040	0.135	0.172	0.703	
19	1.000	0.311	8.610	5.960	4.580	9.580	6.950	2.430	1.820	0.147	0.191	0.460	
20	0.702	0.251	8.630	5.530	5.480	8.390	6.250	3.500	1.640	0.206	0.177	0.393	
21	0.628	0.246	7.790	5.560	5.500	7.640	5.950	3.420	1.400	0.198	0.218	0.483	
22	0.786	0.281	7.670	8.390	5.640	7.070	6.110	3.140	2.410	0.224	0.387	0.422	
23	0.964	0.251	7.530	6.970	5.170	6.700	6.200	3.000	1.820	0.235	0.619	0.445	
24	1.720	0.186	9.770	13.500	5.090	6.320	5.450	2.860	1.590	0.185	0.611	0.578	
25	1.410	0.193	8.940	9.230	4.960	6.020	5.050	2.810	1.480	0.170	1.970	0.443	
26	1.160	0.220	7.680	7.780	5.390	16.300	8.660	3.050	1.360	0.195	3.180	0.323	
27	1.020	0.286	7.000	7.950	4.980	10.700	6.280	4.170	1.310	0.215	1.730	0.287	
28	0.910	0.277	7.450	12.900	6.770	8.260	5.710	5.190	1.140	0.172	1.440	0.240	
29	0.875	0.257	7.110	13.800	7.590	7.460	5.350	3.800	1.090	0.156	1.420	0.185	
30	0.792	0.221	7.280		5.710	6.890	5.090	3.440	1.190	0.135	1.550	0.195	
31		0.420	6.740		5.290		5.000		1.180	0.119		0.246	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>17.046</b>	<b>12.423</b>	<b>232.570</b>	<b>276.520</b>	<b>220.010</b>	<b>310.500</b>	<b>279.910</b>	<b>101.660</b>	<b>76.920</b>	<b>12.458</b>	<b>16.297</b>	<b>19.851</b>	<b>1576.164</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>1.473</b>	<b>1.073</b>	<b>20.094</b>	<b>23.891</b>	<b>19.009</b>	<b>26.927</b>	<b>24.184</b>	<b>8.783</b>	<b>6.646</b>	<b>1.076</b>	<b>1.408</b>	<b>1.715</b>	<b>136.181</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>0.568</b>	<b>0.401</b>	<b>7.502</b>	<b>9.535</b>	<b>7.097</b>	<b>10.350</b>	<b>9.029</b>	<b>3.389</b>	<b>2.481</b>	<b>0.402</b>	<b>0.543</b>	<b>0.640</b>	<b>4.306</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>1.720</b>	<b>0.971</b>	<b>16.200</b>	<b>21.100</b>	<b>13.500</b>	<b>41.400</b>	<b>26.300</b>	<b>5.190</b>	<b>4.000</b>	<b>1.250</b>	<b>3.180</b>	<b>1.840</b>	<b>41.400</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.027</b>	<b>0.186</b>	<b>1.430</b>	<b>5.530</b>	<b>4.580</b>	<b>4.980</b>	<b>5.000</b>	<b>2.180</b>	<b>1.090</b>	<b>0.003</b>	<b>0.111</b>	<b>0.185</b>	<b>0.003</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>2.450</b>	<b>1.140</b>	<b>33.100</b>	<b>61.400</b>	<b>17.800</b>	<b>77.100</b>	<b>38.400</b>	<b>6.740</b>	<b>4.790</b>	<b>1.330</b>	<b>7.370</b>	<b>2.210</b>	<b>77.100</b>

Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	
1	0.217	3.310	3.570	1.960	9.820	11.500	4.270	1.950	3.240	2.660	1.010	4.450	
2	0.208	2.740	3.680	2.080	9.440	10.600	3.060	1.870	3.080	2.650	1.180	4.400	
3	0.204	2.590	3.920	2.730	12.300	9.910	12.600	1.960	2.910	2.490	1.320	3.990	
4	0.145	3.240	3.880	7.330	10.700	9.240	6.320	2.510	2.660	2.250	1.190	3.590	
5	0.274	1.640	8.620	13.100	20.400	8.570	4.290	2.750	3.150	2.040	1.000	3.260	
6	0.156	1.090	5.270	13.500	20.800	7.760	4.010	2.300	5.220	1.710	1.040	3.000	
7	0.159	0.922	4.610	8.620	14.900	7.150	3.990	2.230	14.000	1.710	1.290	2.640	
8	0.145	0.883	8.850	6.920	12.000	6.700	3.950	2.280	8.680	1.670	1.730	2.530	
9	0.140	0.882	8.040	6.000	10.500	6.240	3.950	2.210	7.990	1.660	1.550	2.290	
10	0.196	0.782	5.090	5.620	9.780	9.190	3.880	2.240	9.930	1.620	1.330	2.390	
11	0.286	0.794	4.750	8.380	8.920	8.760	3.670	4.210	8.020	1.580	1.460	2.280	
12	0.716	0.848	4.340	11.300	7.880	7.990	3.610	16.300	6.890	1.600	1.340	1.950	
13	2.480	0.770	3.950	10.200	7.140	7.500	3.230	6.910	6.110	1.580	1.320	1.800	
14	3.750	1.320	5.430	9.030	6.600	6.930	2.960	5.350	5.610	1.900	7.650	1.720	
15	6.800	1.210	3.440	12.700	6.450	6.320	2.840	4.980	5.120	1.390	10.300	1.640	
16	5.220	1.330	2.620	33.100	5.980	5.910	2.640	5.090	5.130	1.180	11.700	1.550	
17	4.080	1.540	2.390	34.000	6.220	5.460	4.630	4.980	7.360	1.330	10.100	1.480	
18	4.390	1.730	2.260	27.100	13.300	5.100	2.910	4.410	6.120	1.150	10.200	1.390	
19	4.700	1.720	2.000	28.500	33.100	4.920	2.800	4.080	5.970	0.786	20.300	1.210	
20	4.480	1.610	1.780	21.700	24.800	5.160	2.820	4.460	5.360	0.719	30.000	1.060	
21	4.100	1.580	1.630	13.800	47.400	4.820	2.650	4.570	5.290	1.720	26.800	0.919	
22	3.850	1.420	1.580	12.100	33.500	4.880	2.910	4.550	4.950	1.420	9.770	0.799	
23	3.740	1.290	2.840	11.200	59.500	4.300	2.510	4.350	4.400	1.360	7.430	0.696	
24	3.700	1.120	2.750	12.400	92.400	4.240	2.120	4.140	4.220	1.250	6.170	0.574	
25	3.630	1.070	2.310	12.100	49.000	4.240	1.980	5.060	3.890	1.200	5.200	0.479	
26	3.380	1.020	2.210	12.700	23.500	4.170	2.130	4.430	3.600	1.040	4.730	1.070	
27	2.960	12.900	2.240	12.600	16.300	3.810	2.170	3.850	3.290	1.100	4.450	1.150	
28	2.550	5.390	2.290	11.400	14.200	3.300	2.300	3.700	3.040	1.440	4.180	1.230	
29	2.510	4.450	2.280	13.500	2.940	2.400	4.030	2.900	1.280	4.030	0.524		
30	3.400	4.880	2.260	13.000	2.800	2.400	3.600	2.810	1.130	3.810	0.395		
31		4.030	2.110		12.600		2.290		2.790	1.040		0.350	
<b>Total (m<sup>3</sup>/sDays)</b>	<b>72.566</b>	<b>70.101</b>	<b>112.990</b>	<b>362.170</b>	<b>625.930</b>	<b>190.410</b>	<b>108.290</b>	<b>125.350</b>	<b>163.730</b>	<b>47.655</b>	<b>193.580</b>	<b>56.806</b>	<b>2129.578</b>
<b>Volume (Mm<sup>3</sup>)</b>	<b>6.270</b>	<b>6.057</b>	<b>9.762</b>	<b>31.291</b>	<b>54.080</b>	<b>16.451</b>	<b>9.356</b>	<b>10.830</b>	<b>14.146</b>	<b>4.117</b>	<b>16.725</b>	<b>4.908</b>	<b>183.996</b>
<b>Mean (m<sup>3</sup>/s)</b>	<b>2.419</b>	<b>2.261</b>	<b>3.645</b>	<b>12.935</b>	<b>20.191</b>	<b>6.347</b>	<b>3.493</b>	<b>4.178</b>	<b>5.282</b>	<b>1.537</b>	<b>6.453</b>	<b>1.832</b>	<b>5.834</b>
<b>Max (m<sup>3</sup>/s)</b>	<b>6.800</b>	<b>12.900</b>	<b>8.850</b>	<b>34.000</b>	<b>92.400</b>	<b>11.500</b>	<b>12.600</b>	<b>16.300</b>	<b>14.000</b>	<b>2.660</b>	<b>30.000</b>	<b>4.450</b>	<b>92.400</b>
<b>Min (m<sup>3</sup>/s)</b>	<b>0.140</b>	<b>0.770</b>	<b>1.580</b>	<b>1.960</b>	<b>5.980</b>	<b>2.800</b>	<b>1.980</b>	<b>1.870</b>	<b>2.660</b>	<b>0.719</b>	<b>1.000</b>	<b>0.350</b>	<b>0.140</b>
<b>Abs Peak (m<sup>3</sup>/s)</b>	<b>11.100</b>	<b>29.700</b>	<b>24.700</b>	<b>56.600</b>	<b>125.000</b>	<b>12.100</b>	<b>20.400</b>	<b>31.700</b>	<b>18.500</b>	<b>2.700</b>	<b>38.700</b>	<b>4.850</b>	<b>125.000</b>

\* generated values

▪ Estimated