

1号サンプル調整池

I . 計算条件

1. 降雨強度式

君島式

$$R=2,590.000/(t^n+12.900)$$

$$\text{※ } n=3/4$$

補正係数=1.00

降雨強度式:短時間降雨強度式

降雨波形:後方集中型波形

2. 降雨時間

降雨継続時間=24 時間

計算時間間隔(t)=20 分

計算打切り時間=42 時間

3. 許容放流量

許容放流量=6.000 m3/sec

4. 集水面積と流出係数

集水面積=247.900 ha

流出係数=0.840

5. 流域別の集水面積と流出係数

流域No	集水面積 (ha)	流出係数
1	247.900	0.840

Ⅱ．調整池諸元

1. 下段オリフィス形状

矩形オリフィス

オリフィス敷き高(HL) = 24.000 m

オリフィス幅(BL) = 0.900 m

オリフィス高(DL) = 0.900 m

流量係数(C1) = 0.60

流量係数(C2) = 1.80

2. 洪水吐き形状

洪水吐き敷き高(WHL) = 34.000 m

洪水吐き幅(B) = 10.000 m

流量係数(C3) = 1.80

Ⅱ . 調整池諸元

3. 調整池の容量

No	水位 m	面積 m2	容量 m3
1	24.000	79.000	0.000
2	26.000	79.000	158.000
3	26.000	18,700.000	158.000
4	27.000	20,920.000	19,957.626
5	27.010	41,920.000	20,265.812
6	28.000	46,666.000	64,094.879
7	29.000	49,020.000	111,933.053
8	30.000	51,650.000	162,262.326
9	31.000	54,640.000	215,400.315
10	32.000	57,450.000	271,439.444
11	33.000	60,100.000	330,209.465
12	34.000	63,110.000	391,808.336
13	34.500	63,110.000	423,363.336

Ⅲ. 計算結果

1. 流入量の計算結果

最大流入の時間＝	1440 分
最大流入の時刻＝	24:00
最大流入量＝	67.009 m3/sec

2. 放流量の計算結果

最大放流の時間＝	1460 分
最大放流の時刻＝	24:20
最大オリフィス放流量＝	5.886 m3/sec
最大洪水吐き放流量＝	0.000 m3/sec
最大放流量＝	5.886 m3/sec
最大貯水位＝	31.935 m
最大湛水面積＝	57,266.080 m2
最大貯留量＝	267,728.770 m3

IV. 流入量

降雨時間	降雨時刻	降雨強度 (mm/hr)	降雨量 (mm)	流入量 (m3/sec)
0	0:00	0.000	0.000	0.000
20	0:20	3.054	1.018	1.767
40	0:40	3.089	1.030	1.787
60	1:00	3.125	1.042	1.808
80	1:20	3.162	1.054	1.829
100	1:40	3.200	1.067	1.851
120	2:00	3.238	1.079	1.873
140	2:20	3.278	1.093	1.896
160	2:40	3.320	1.107	1.920
180	3:00	3.362	1.121	1.945
200	3:20	3.405	1.135	1.970
220	3:40	3.450	1.150	1.996
240	4:00	3.496	1.165	2.022
260	4:20	3.544	1.181	2.050
280	4:40	3.593	1.198	2.078
300	5:00	3.644	1.215	2.108
320	5:20	3.696	1.232	2.138
340	5:40	3.750	1.250	2.169
360	6:00	3.806	1.269	2.202
380	6:20	3.864	1.288	2.235
400	6:40	3.924	1.308	2.270
420	7:00	3.986	1.329	2.306
440	7:20	4.051	1.350	2.343
460	7:40	4.118	1.373	2.382
480	8:00	4.187	1.396	2.422
500	8:20	4.259	1.420	2.463
520	8:40	4.334	1.445	2.507
540	9:00	4.412	1.471	2.552
560	9:20	4.493	1.498	2.599
580	9:40	4.577	1.526	2.648
600	10:00	4.666	1.555	2.699
620	10:20	4.758	1.586	2.752
640	10:40	4.854	1.618	2.808
660	11:00	4.955	1.652	2.866
680	11:20	5.061	1.687	2.927
700	11:40	5.172	1.724	2.992
720	12:00	5.289	1.763	3.059
740	12:20	5.411	1.804	3.130
760	12:40	5.541	1.847	3.205

IV. 流入量

降雨時間	降雨時刻	降雨強度 (mm/hr)	降雨量 (mm)	流入量 (m3/sec)
780	13:00	5.677	1.892	3.284
800	13:20	5.821	1.940	3.367
820	13:40	5.974	1.991	3.456
840	14:00	6.136	2.045	3.549
860	14:20	6.308	2.103	3.649
880	14:40	6.491	2.164	3.755
900	15:00	6.687	2.229	3.868
920	15:20	6.896	2.299	3.989
940	15:40	7.120	2.373	4.119
960	16:00	7.362	2.454	4.258
980	16:20	7.622	2.541	4.409
1000	16:40	7.904	2.635	4.572
1020	17:00	8.209	2.736	4.749
1040	17:20	8.542	2.847	4.941
1060	17:40	8.907	2.969	5.152
1080	18:00	9.308	3.103	5.384
1100	18:20	9.750	3.250	5.640
1120	18:40	10.242	3.414	5.924
1140	19:00	10.792	3.597	6.242
1160	19:20	11.410	3.803	6.600
1180	19:40	12.112	4.037	7.006
1200	20:00	12.915	4.305	7.471
1220	20:20	13.844	4.615	8.008
1240	20:40	14.930	4.977	8.636
1260	21:00	16.219	5.406	9.382
1280	21:20	17.775	5.925	10.282
1300	21:40	19.692	6.564	11.390
1320	22:00	22.112	7.371	12.790
1340	22:20	25.271	8.424	14.617
1360	22:40	29.574	9.858	17.106
1380	23:00	35.799	11.933	20.707
1400	23:20	45.663	15.221	26.413
1420	23:40	63.982	21.327	37.009
1440	24:00	115.845	38.615	67.009
1460	24:20	0.000	0.000	0.000

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
24.000	0.000	0.000	0.000	79.000	0.000
24.010	0.002	0.000	0.002	79.000	0.790
24.020	0.005	0.000	0.005	79.000	1.580
24.030	0.008	0.000	0.008	79.000	2.370
24.040	0.013	0.000	0.013	79.000	3.160
24.050	0.018	0.000	0.018	79.000	3.950
24.060	0.024	0.000	0.024	79.000	4.740
24.070	0.030	0.000	0.030	79.000	5.530
24.080	0.037	0.000	0.037	79.000	6.320
24.090	0.044	0.000	0.044	79.000	7.110
24.100	0.051	0.000	0.051	79.000	7.900
24.110	0.059	0.000	0.059	79.000	8.690
24.120	0.067	0.000	0.067	79.000	9.480
24.130	0.076	0.000	0.076	79.000	10.270
24.140	0.085	0.000	0.085	79.000	11.060
24.150	0.094	0.000	0.094	79.000	11.850
24.160	0.104	0.000	0.104	79.000	12.640
24.170	0.114	0.000	0.114	79.000	13.430
24.180	0.124	0.000	0.124	79.000	14.220
24.190	0.134	0.000	0.134	79.000	15.010
24.200	0.145	0.000	0.145	79.000	15.800
24.210	0.156	0.000	0.156	79.000	16.590
24.220	0.167	0.000	0.167	79.000	17.380
24.230	0.179	0.000	0.179	79.000	18.170
24.240	0.190	0.000	0.190	79.000	18.960
24.250	0.203	0.000	0.203	79.000	19.750
24.260	0.215	0.000	0.215	79.000	20.540
24.270	0.227	0.000	0.227	79.000	21.330
24.280	0.240	0.000	0.240	79.000	22.120
24.290	0.253	0.000	0.253	79.000	22.910
24.300	0.266	0.000	0.266	79.000	23.700
24.310	0.280	0.000	0.280	79.000	24.490
24.320	0.293	0.000	0.293	79.000	25.280
24.330	0.307	0.000	0.307	79.000	26.070
24.340	0.321	0.000	0.321	79.000	26.860
24.350	0.335	0.000	0.335	79.000	27.650
24.360	0.350	0.000	0.350	79.000	28.440
24.370	0.365	0.000	0.365	79.000	29.230
24.380	0.379	0.000	0.379	79.000	30.020
24.390	0.395	0.000	0.395	79.000	30.810
24.400	0.410	0.000	0.410	79.000	31.600
24.410	0.425	0.000	0.425	79.000	32.390
24.420	0.441	0.000	0.441	79.000	33.180

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
24.430	0.457	0.000	0.457	79.000	33.970
24.440	0.473	0.000	0.473	79.000	34.760
24.450	0.489	0.000	0.489	79.000	35.550
24.460	0.505	0.000	0.505	79.000	36.340
24.470	0.522	0.000	0.522	79.000	37.130
24.480	0.539	0.000	0.539	79.000	37.920
24.490	0.556	0.000	0.556	79.000	38.710
24.500	0.573	0.000	0.573	79.000	39.500
24.510	0.590	0.000	0.590	79.000	40.290
24.520	0.607	0.000	0.607	79.000	41.080
24.530	0.625	0.000	0.625	79.000	41.870
24.540	0.643	0.000	0.643	79.000	42.660
24.550	0.661	0.000	0.661	79.000	43.450
24.560	0.679	0.000	0.679	79.000	44.240
24.570	0.697	0.000	0.697	79.000	45.030
24.580	0.716	0.000	0.716	79.000	45.820
24.590	0.734	0.000	0.734	79.000	46.610
24.600	0.753	0.000	0.753	79.000	47.400
24.610	0.772	0.000	0.772	79.000	48.190
24.620	0.791	0.000	0.791	79.000	48.980
24.630	0.810	0.000	0.810	79.000	49.770
24.640	0.829	0.000	0.829	79.000	50.560
24.650	0.849	0.000	0.849	79.000	51.350
24.660	0.869	0.000	0.869	79.000	52.140
24.670	0.888	0.000	0.888	79.000	52.930
24.680	0.908	0.000	0.908	79.000	53.720
24.690	0.929	0.000	0.929	79.000	54.510
24.700	0.949	0.000	0.949	79.000	55.300
24.710	0.969	0.000	0.969	79.000	56.090
24.720	0.990	0.000	0.990	79.000	56.880
24.730	1.010	0.000	1.010	79.000	57.670
24.740	1.031	0.000	1.031	79.000	58.460
24.750	1.052	0.000	1.052	79.000	59.250
24.760	1.073	0.000	1.073	79.000	60.040
24.770	1.095	0.000	1.095	79.000	60.830
24.780	1.116	0.000	1.116	79.000	61.620
24.790	1.138	0.000	1.138	79.000	62.410
24.800	1.159	0.000	1.159	79.000	63.200
24.810	1.181	0.000	1.181	79.000	63.990
24.820	1.203	0.000	1.203	79.000	64.780
24.830	1.225	0.000	1.225	79.000	65.570
24.840	1.247	0.000	1.247	79.000	66.360
24.850	1.270	0.000	1.270	79.000	67.150

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貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
24.860	1.292	0.000	1.292	79.000	67.940
24.870	1.315	0.000	1.315	79.000	68.730
24.880	1.337	0.000	1.337	79.000	69.520
24.890	1.360	0.000	1.360	79.000	70.310
24.900	1.383	0.000	1.383	79.000	71.100
24.910	1.406	0.000	1.406	79.000	71.890
24.920	1.430	0.000	1.430	79.000	72.680
24.930	1.453	0.000	1.453	79.000	73.470
24.940	1.476	0.000	1.476	79.000	74.260
24.950	1.500	0.000	1.500	79.000	75.050
24.960	1.524	0.000	1.524	79.000	75.840
24.970	1.548	0.000	1.548	79.000	76.630
24.980	1.572	0.000	1.572	79.000	77.420
24.990	1.596	0.000	1.596	79.000	78.210
25.000	1.620	0.000	1.620	79.000	79.000
25.010	1.644	0.000	1.644	79.000	79.790
25.020	1.669	0.000	1.669	79.000	80.580
25.030	1.693	0.000	1.693	79.000	81.370
25.040	1.718	0.000	1.718	79.000	82.160
25.050	1.743	0.000	1.743	79.000	82.950
25.060	1.768	0.000	1.768	79.000	83.740
25.070	1.793	0.000	1.793	79.000	84.530
25.080	1.818	0.000	1.818	79.000	85.320
25.090	1.828	0.000	1.828	79.000	86.110
25.100	1.837	0.000	1.837	79.000	86.900
25.110	1.847	0.000	1.847	79.000	87.690
25.120	1.856	0.000	1.856	79.000	88.480
25.130	1.865	0.000	1.865	79.000	89.270
25.140	1.875	0.000	1.875	79.000	90.060
25.150	1.884	0.000	1.884	79.000	90.850
25.160	1.894	0.000	1.894	79.000	91.640
25.170	1.903	0.000	1.903	79.000	92.430
25.180	1.913	0.000	1.913	79.000	93.220
25.190	1.922	0.000	1.922	79.000	94.010
25.200	1.931	0.000	1.931	79.000	94.800
25.210	1.941	0.000	1.941	79.000	95.590
25.220	1.950	0.000	1.950	79.000	96.380
25.230	1.960	0.000	1.960	79.000	97.170
25.240	1.969	0.000	1.969	79.000	97.960
25.250	1.979	0.000	1.979	79.000	98.750
25.260	1.988	0.000	1.988	79.000	99.540
25.270	1.997	0.000	1.997	79.000	100.330
25.280	2.007	0.000	2.007	79.000	101.120

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貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
25.290	2.016	0.000	2.016	79.000	101.910
25.300	2.026	0.000	2.026	79.000	102.700
25.310	2.035	0.000	2.035	79.000	103.490
25.320	2.044	0.000	2.044	79.000	104.280
25.330	2.054	0.000	2.054	79.000	105.070
25.340	2.063	0.000	2.063	79.000	105.860
25.350	2.073	0.000	2.073	79.000	106.650
25.360	2.082	0.000	2.082	79.000	107.440
25.370	2.092	0.000	2.092	79.000	108.230
25.380	2.101	0.000	2.101	79.000	109.020
25.390	2.110	0.000	2.110	79.000	109.810
25.400	2.120	0.000	2.120	79.000	110.600
25.410	2.129	0.000	2.129	79.000	111.390
25.420	2.139	0.000	2.139	79.000	112.180
25.430	2.148	0.000	2.148	79.000	112.970
25.440	2.158	0.000	2.158	79.000	113.760
25.450	2.167	0.000	2.167	79.000	114.550
25.460	2.176	0.000	2.176	79.000	115.340
25.470	2.186	0.000	2.186	79.000	116.130
25.480	2.195	0.000	2.195	79.000	116.920
25.490	2.205	0.000	2.205	79.000	117.710
25.500	2.214	0.000	2.214	79.000	118.500
25.510	2.224	0.000	2.224	79.000	119.290
25.520	2.233	0.000	2.233	79.000	120.080
25.530	2.242	0.000	2.242	79.000	120.870
25.540	2.252	0.000	2.252	79.000	121.660
25.550	2.261	0.000	2.261	79.000	122.450
25.560	2.271	0.000	2.271	79.000	123.240
25.570	2.280	0.000	2.280	79.000	124.030
25.580	2.290	0.000	2.290	79.000	124.820
25.590	2.299	0.000	2.299	79.000	125.610
25.600	2.308	0.000	2.308	79.000	126.400
25.610	2.318	0.000	2.318	79.000	127.190
25.620	2.327	0.000	2.327	79.000	127.980
25.630	2.337	0.000	2.337	79.000	128.770
25.640	2.347	0.000	2.347	79.000	129.560
25.650	2.357	0.000	2.357	79.000	130.350
25.660	2.367	0.000	2.367	79.000	131.140
25.670	2.377	0.000	2.377	79.000	131.930
25.680	2.386	0.000	2.386	79.000	132.720
25.690	2.396	0.000	2.396	79.000	133.510
25.700	2.406	0.000	2.406	79.000	134.300
25.710	2.415	0.000	2.415	79.000	135.090

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貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
25.720	2.425	0.000	2.425	79.000	135.880
25.730	2.434	0.000	2.434	79.000	136.670
25.740	2.444	0.000	2.444	79.000	137.460
25.750	2.453	0.000	2.453	79.000	138.250
25.760	2.463	0.000	2.463	79.000	139.040
25.770	2.472	0.000	2.472	79.000	139.830
25.780	2.481	0.000	2.481	79.000	140.620
25.790	2.491	0.000	2.491	79.000	141.410
25.800	2.500	0.000	2.500	79.000	142.200
25.810	2.509	0.000	2.509	79.000	142.990
25.820	2.518	0.000	2.518	79.000	143.780
25.830	2.528	0.000	2.528	79.000	144.570
25.840	2.537	0.000	2.537	79.000	145.360
25.850	2.546	0.000	2.546	79.000	146.150
25.860	2.555	0.000	2.555	79.000	146.940
25.870	2.564	0.000	2.564	79.000	147.730
25.880	2.573	0.000	2.573	79.000	148.520
25.890	2.582	0.000	2.582	79.000	149.310
25.900	2.591	0.000	2.591	79.000	150.100
25.910	2.600	0.000	2.600	79.000	150.890
25.920	2.609	0.000	2.609	79.000	151.680
25.930	2.618	0.000	2.618	79.000	152.470
25.940	2.626	0.000	2.626	79.000	153.260
25.950	2.635	0.000	2.635	79.000	154.050
25.960	2.644	0.000	2.644	79.000	154.840
25.970	2.653	0.000	2.653	79.000	155.630
25.980	2.661	0.000	2.661	79.000	156.420
25.990	2.670	0.000	2.670	79.000	157.210
26.000	2.679	0.000	2.679	79.000	158.000
26.010	2.687	0.000	2.687	18,721.583	345.113
26.020	2.696	0.000	2.696	18,743.180	532.441
26.030	2.705	0.000	2.705	18,764.789	719.985
26.040	2.713	0.000	2.713	18,786.411	907.745
26.050	2.722	0.000	2.722	18,808.041	1,095.686
26.060	2.730	0.000	2.730	18,829.687	1,283.879
26.070	2.739	0.000	2.739	18,851.346	1,472.288
26.080	2.747	0.000	2.747	18,873.018	1,660.914
26.090	2.755	0.000	2.755	18,894.702	1,849.757
26.100	2.764	0.000	2.764	18,916.398	2,038.817
26.110	2.772	0.000	2.772	18,938.107	2,228.094
26.120	2.780	0.000	2.780	18,959.828	2,417.588
26.130	2.789	0.000	2.789	18,981.558	2,607.263
26.140	2.797	0.000	2.797	19,003.304	2,797.192

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
26.150	2.805	0.000	2.805	19,025.062	2,987.338
26.160	2.814	0.000	2.814	19,046.833	3,177.702
26.170	2.822	0.000	2.822	19,068.617	3,368.283
26.180	2.830	0.000	2.830	19,090.413	3,559.083
26.190	2.838	0.000	2.838	19,112.221	3,750.100
26.200	2.846	0.000	2.846	19,134.042	3,941.336
26.210	2.854	0.000	2.854	19,155.871	4,132.753
26.220	2.863	0.000	2.863	19,177.717	4,324.426
26.230	2.871	0.000	2.871	19,199.575	4,516.316
26.240	2.879	0.000	2.879	19,221.446	4,708.426
26.250	2.887	0.000	2.887	19,243.329	4,900.754
26.260	2.895	0.000	2.895	19,265.224	5,093.301
26.270	2.903	0.000	2.903	19,287.132	5,286.068
26.280	2.911	0.000	2.911	19,309.053	5,479.053
26.290	2.919	0.000	2.919	19,330.985	5,672.257
26.300	2.927	0.000	2.927	19,352.927	5,865.645
26.310	2.934	0.000	2.934	19,374.884	6,059.288
26.320	2.942	0.000	2.942	19,396.855	6,253.151
26.330	2.950	0.000	2.950	19,418.837	6,447.234
26.340	2.958	0.000	2.958	19,440.832	6,641.537
26.350	2.966	0.000	2.966	19,462.840	6,836.060
26.360	2.974	0.000	2.974	19,484.860	7,030.803
26.370	2.981	0.000	2.981	19,506.892	7,225.766
26.380	2.989	0.000	2.989	19,528.933	7,420.912
26.390	2.997	0.000	2.997	19,550.990	7,616.316
26.400	3.005	0.000	3.005	19,573.060	7,811.941
26.410	3.012	0.000	3.012	19,595.143	8,007.786
26.420	3.020	0.000	3.020	19,617.237	8,203.853
26.430	3.028	0.000	3.028	19,639.344	8,400.140
26.440	3.035	0.000	3.035	19,661.464	8,596.649
26.450	3.043	0.000	3.043	19,683.596	8,793.378
26.460	3.050	0.000	3.050	19,705.736	8,990.292
26.470	3.058	0.000	3.058	19,727.893	9,187.465
26.480	3.066	0.000	3.066	19,750.063	9,384.859
26.490	3.073	0.000	3.073	19,772.245	9,582.475
26.500	3.081	0.000	3.081	19,794.439	9,780.313
26.510	3.088	0.000	3.088	19,816.646	9,978.373
26.520	3.096	0.000	3.096	19,838.865	10,176.655
26.530	3.103	0.000	3.103	19,861.097	10,375.159
26.540	3.111	0.000	3.111	19,883.341	10,573.886
26.550	3.118	0.000	3.118	19,905.593	10,772.797
26.560	3.125	0.000	3.125	19,927.862	10,971.969
26.570	3.133	0.000	3.133	19,950.143	11,171.364

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
26.580	3.140	0.000	3.140	19,972.437	11,370.981
26.590	3.148	0.000	3.148	19,994.744	11,570.822
26.600	3.155	0.000	3.155	20,017.062	11,770.885
26.610	3.162	0.000	3.162	20,039.394	11,971.172
26.620	3.170	0.000	3.170	20,061.737	12,171.682
26.630	3.177	0.000	3.177	20,084.089	12,372.378
26.640	3.184	0.000	3.184	20,106.458	12,573.335
26.650	3.191	0.000	3.191	20,128.839	12,774.516
26.660	3.199	0.000	3.199	20,151.232	12,975.921
26.670	3.206	0.000	3.206	20,173.638	13,177.550
26.680	3.213	0.000	3.213	20,196.057	13,379.403
26.690	3.220	0.000	3.220	20,218.488	13,581.480
26.700	3.227	0.000	3.227	20,240.931	13,783.782
26.710	3.235	0.000	3.235	20,263.382	13,986.270
26.720	3.242	0.000	3.242	20,285.850	14,189.020
26.730	3.249	0.000	3.249	20,308.331	14,391.996
26.740	3.256	0.000	3.256	20,330.824	14,595.196
26.750	3.263	0.000	3.263	20,353.330	14,798.622
26.760	3.270	0.000	3.270	20,375.848	15,002.272
26.770	3.277	0.000	3.277	20,398.378	15,206.148
26.780	3.284	0.000	3.284	20,420.921	15,410.249
26.790	3.291	0.000	3.291	20,443.476	15,614.576
26.800	3.298	0.000	3.298	20,466.040	15,819.089
26.810	3.305	0.000	3.305	20,488.620	16,023.867
26.820	3.312	0.000	3.312	20,511.213	16,228.871
26.830	3.319	0.000	3.319	20,533.818	16,434.101
26.840	3.326	0.000	3.326	20,556.435	16,639.557
26.850	3.333	0.000	3.333	20,579.065	16,845.239
26.860	3.340	0.000	3.340	20,601.708	17,051.147
26.870	3.347	0.000	3.347	20,624.363	17,257.283
26.880	3.354	0.000	3.354	20,647.026	17,463.605
26.890	3.361	0.000	3.361	20,669.706	17,670.193
26.900	3.368	0.000	3.368	20,692.398	17,877.008
26.910	3.375	0.000	3.375	20,715.103	18,084.051
26.920	3.382	0.000	3.382	20,737.820	18,291.320
26.930	3.388	0.000	3.388	20,760.550	18,498.817
26.940	3.395	0.000	3.395	20,783.292	18,706.541
26.950	3.402	0.000	3.402	20,806.046	18,914.492
26.960	3.409	0.000	3.409	20,828.809	19,122.631
26.970	3.416	0.000	3.416	20,851.588	19,331.038
26.980	3.422	0.000	3.422	20,874.380	19,539.673
26.990	3.429	0.000	3.429	20,897.184	19,748.535
27.000	3.436	0.000	3.436	20,920.001	19,957.626

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
27.010	3.443	0.000	3.443	41,920.001	20,265.812
27.020	3.449	0.000	3.449	41,966.669	20,685.254
27.030	3.456	0.000	3.456	42,013.363	21,105.164
27.040	3.463	0.000	3.463	42,060.083	21,525.541
27.050	3.469	0.000	3.469	42,106.821	21,946.305
27.060	3.476	0.000	3.476	42,153.593	22,367.616
27.070	3.483	0.000	3.483	42,200.391	22,789.396
27.080	3.489	0.000	3.489	42,247.215	23,211.644
27.090	3.496	0.000	3.496	42,294.065	23,634.360
27.100	3.503	0.000	3.503	42,340.941	24,057.544
27.110	3.509	0.000	3.509	42,387.843	24,481.198
27.120	3.516	0.000	3.516	42,434.771	24,905.321
27.130	3.522	0.000	3.522	42,481.716	25,329.832
27.140	3.529	0.000	3.529	42,528.696	25,754.894
27.150	3.535	0.000	3.535	42,575.702	26,180.425
27.160	3.542	0.000	3.542	42,622.734	26,606.427
27.170	3.549	0.000	3.549	42,669.792	27,032.900
27.180	3.555	0.000	3.555	42,716.875	27,459.843
27.190	3.562	0.000	3.562	42,763.985	27,887.257
27.200	3.568	0.000	3.568	42,811.121	28,315.142
27.210	3.575	0.000	3.575	42,858.273	28,743.417
27.220	3.581	0.000	3.581	42,905.461	29,172.246
27.230	3.587	0.000	3.587	42,952.675	29,601.546
27.240	3.594	0.000	3.594	42,999.914	30,031.319
27.250	3.600	0.000	3.600	43,047.180	30,461.564
27.260	3.607	0.000	3.607	43,094.471	30,892.282
27.270	3.613	0.000	3.613	43,141.788	31,323.473
27.280	3.620	0.000	3.620	43,189.132	31,755.138
27.290	3.626	0.000	3.626	43,236.501	32,187.276
27.300	3.632	0.000	3.632	43,283.887	32,619.805
27.310	3.639	0.000	3.639	43,331.309	33,052.891
27.320	3.645	0.000	3.645	43,378.756	33,486.451
27.330	3.651	0.000	3.651	43,426.229	33,920.486
27.340	3.658	0.000	3.658	43,473.728	34,354.996
27.350	3.664	0.000	3.664	43,521.253	34,789.981
27.360	3.670	0.000	3.670	43,568.804	35,225.441
27.370	3.677	0.000	3.677	43,616.381	35,661.377
27.380	3.683	0.000	3.683	43,663.975	36,097.705
27.390	3.689	0.000	3.689	43,711.604	36,534.593
27.400	3.696	0.000	3.696	43,759.259	36,971.958
27.410	3.702	0.000	3.702	43,806.940	37,409.798
27.420	3.708	0.000	3.708	43,854.647	37,848.116
27.430	3.714	0.000	3.714	43,902.380	38,286.912

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
27.440	3.720	0.000	3.720	43,950.138	38,726.184
27.450	3.727	0.000	3.727	43,997.923	39,165.935
27.460	3.733	0.000	3.733	44,045.725	39,606.079
27.470	3.739	0.000	3.739	44,093.561	40,046.785
27.480	3.745	0.000	3.745	44,141.424	40,487.970
27.490	3.751	0.000	3.751	44,189.313	40,929.634
27.500	3.758	0.000	3.758	44,237.227	41,371.777
27.510	3.764	0.000	3.764	44,285.168	41,814.399
27.520	3.770	0.000	3.770	44,333.134	42,257.501
27.530	3.776	0.000	3.776	44,381.127	42,701.082
27.540	3.782	0.000	3.782	44,429.145	43,145.144
27.550	3.788	0.000	3.788	44,477.180	43,589.601
27.560	3.794	0.000	3.794	44,525.250	44,034.623
27.570	3.801	0.000	3.801	44,573.347	44,480.126
27.580	3.807	0.000	3.807	44,621.469	44,926.110
27.590	3.813	0.000	3.813	44,669.617	45,372.576
27.600	3.819	0.000	3.819	44,717.791	45,819.523
27.610	3.825	0.000	3.825	44,765.991	46,266.952
27.620	3.831	0.000	3.831	44,814.217	46,714.864
27.630	3.837	0.000	3.837	44,862.460	47,163.172
27.640	3.843	0.000	3.843	44,910.738	47,612.048
27.650	3.849	0.000	3.849	44,959.042	48,061.407
27.660	3.855	0.000	3.855	45,007.372	48,511.249
27.670	3.861	0.000	3.861	45,055.728	48,961.575
27.680	3.867	0.000	3.867	45,104.110	49,412.385
27.690	3.873	0.000	3.873	45,152.518	49,863.678
27.700	3.879	0.000	3.879	45,200.952	50,315.456
27.710	3.885	0.000	3.885	45,249.402	50,767.632
27.720	3.891	0.000	3.891	45,297.888	51,220.378
27.730	3.897	0.000	3.897	45,346.399	51,673.610
27.740	3.903	0.000	3.903	45,394.937	52,127.327
27.750	3.909	0.000	3.909	45,443.501	52,581.530
27.760	3.915	0.000	3.915	45,492.090	53,036.218
27.770	3.920	0.000	3.920	45,540.706	53,491.393
27.780	3.926	0.000	3.926	45,589.347	53,947.053
27.790	3.932	0.000	3.932	45,638.015	54,403.200
27.800	3.938	0.000	3.938	45,686.699	54,859.747
27.810	3.944	0.000	3.944	45,735.418	55,316.868
27.820	3.950	0.000	3.950	45,784.164	55,774.477
27.830	3.956	0.000	3.956	45,832.935	56,232.573
27.840	3.962	0.000	3.962	45,881.732	56,691.157
27.850	3.967	0.000	3.967	45,930.555	57,150.228
27.860	3.973	0.000	3.973	45,979.404	57,609.789

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
27.870	3.979	0.000	3.979	46,028.280	58,069.838
27.880	3.985	0.000	3.985	46,077.171	58,530.288
27.890	3.991	0.000	3.991	46,126.098	58,991.314
27.900	3.996	0.000	3.996	46,175.051	59,452.831
27.910	4.002	0.000	4.002	46,224.030	59,914.837
27.920	4.008	0.000	4.008	46,273.035	60,377.333
27.930	4.014	0.000	4.014	46,322.066	60,840.319
27.940	4.020	0.000	4.020	46,371.123	61,303.795
27.950	4.025	0.000	4.025	46,420.206	61,767.762
27.960	4.031	0.000	4.031	46,469.305	62,232.132
27.970	4.037	0.000	4.037	46,518.440	62,697.081
27.980	4.043	0.000	4.043	46,567.601	63,162.522
27.990	4.048	0.000	4.048	46,616.788	63,628.455
28.000	4.054	0.000	4.054	46,666.000	64,094.879
28.010	4.060	0.000	4.060	46,689.254	64,561.666
28.020	4.065	0.000	4.065	46,712.514	65,028.686
28.030	4.071	0.000	4.071	46,735.779	65,495.938
28.040	4.077	0.000	4.077	46,759.050	65,963.423
28.050	4.082	0.000	4.082	46,782.323	66,431.051
28.060	4.088	0.000	4.088	46,805.606	66,899.001
28.070	4.094	0.000	4.094	46,828.894	67,367.185
28.080	4.099	0.000	4.099	46,852.188	67,835.601
28.090	4.105	0.000	4.105	46,875.489	68,304.250
28.100	4.111	0.000	4.111	46,898.795	68,773.132
28.110	4.116	0.000	4.116	46,922.106	69,242.247
28.120	4.122	0.000	4.122	46,945.424	69,711.596
28.130	4.128	0.000	4.128	46,968.743	70,181.088
28.140	4.133	0.000	4.133	46,992.072	70,650.903
28.150	4.139	0.000	4.139	47,015.407	71,120.951
28.160	4.144	0.000	4.144	47,038.747	71,591.232
28.170	4.150	0.000	4.150	47,062.094	72,061.747
28.180	4.155	0.000	4.155	47,085.446	72,532.496
28.190	4.161	0.000	4.161	47,108.804	73,003.478
28.200	4.167	0.000	4.167	47,132.168	73,474.693
28.210	4.172	0.000	4.172	47,155.533	73,946.053
28.220	4.178	0.000	4.178	47,178.909	74,417.736
28.230	4.183	0.000	4.183	47,202.290	74,889.653
28.240	4.189	0.000	4.189	47,225.677	75,361.803
28.250	4.194	0.000	4.194	47,249.070	75,834.188
28.260	4.200	0.000	4.200	47,272.468	76,306.806
28.270	4.205	0.000	4.205	47,295.873	76,779.659
28.280	4.211	0.000	4.211	47,319.283	77,252.746
28.290	4.216	0.000	4.216	47,342.699	77,726.066

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
28.300	4.222	0.000	4.222	47,366.116	78,199.531
28.310	4.227	0.000	4.227	47,389.544	78,673.320
28.320	4.233	0.000	4.233	47,412.977	79,147.343
28.330	4.238	0.000	4.238	47,436.416	79,621.601
28.340	4.244	0.000	4.244	47,459.861	80,096.094
28.350	4.249	0.000	4.249	47,483.312	80,570.820
28.360	4.255	0.000	4.255	47,506.768	81,045.782
28.370	4.260	0.000	4.260	47,530.231	81,520.977
28.380	4.265	0.000	4.265	47,553.694	81,996.317
28.390	4.271	0.000	4.271	47,577.168	82,471.982
28.400	4.276	0.000	4.276	47,600.648	82,947.882
28.410	4.282	0.000	4.282	47,624.133	83,424.017
28.420	4.287	0.000	4.287	47,647.625	83,900.387
28.430	4.292	0.000	4.292	47,671.122	84,376.992
28.440	4.298	0.000	4.298	47,694.625	84,853.831
28.450	4.303	0.000	4.303	47,718.133	85,330.906
28.460	4.309	0.000	4.309	47,741.643	85,808.125
28.470	4.314	0.000	4.314	47,765.164	86,285.670
28.480	4.319	0.000	4.319	47,788.690	86,763.450
28.490	4.325	0.000	4.325	47,812.221	87,241.465
28.500	4.330	0.000	4.330	47,835.759	87,719.716
28.510	4.335	0.000	4.335	47,859.302	88,198.203
28.520	4.341	0.000	4.341	47,882.852	88,676.924
28.530	4.346	0.000	4.346	47,906.407	89,155.882
28.540	4.351	0.000	4.351	47,929.967	89,635.074
28.550	4.357	0.000	4.357	47,953.530	90,114.411
28.560	4.362	0.000	4.362	47,977.102	90,594.076
28.570	4.367	0.000	4.367	48,000.680	91,073.975
28.580	4.373	0.000	4.373	48,024.264	91,554.111
28.590	4.378	0.000	4.378	48,047.854	92,034.483
28.600	4.383	0.000	4.383	48,071.449	92,515.090
28.610	4.388	0.000	4.388	48,095.051	92,995.934
28.620	4.394	0.000	4.394	48,118.658	93,477.013
28.630	4.399	0.000	4.399	48,142.266	93,958.237
28.640	4.404	0.000	4.404	48,165.885	94,439.789
28.650	4.409	0.000	4.409	48,189.509	94,921.577
28.660	4.415	0.000	4.415	48,213.140	95,403.601
28.670	4.420	0.000	4.420	48,236.776	95,885.862
28.680	4.425	0.000	4.425	48,260.418	96,368.359
28.690	4.430	0.000	4.430	48,284.065	96,851.092
28.700	4.436	0.000	4.436	48,307.719	97,334.062
28.710	4.441	0.000	4.441	48,331.373	97,817.177
28.720	4.446	0.000	4.446	48,355.039	98,300.620

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
28.730	4.451	0.000	4.451	48,378.709	98,784.300
28.740	4.456	0.000	4.456	48,402.386	99,268.216
28.750	4.462	0.000	4.462	48,426.068	99,752.370
28.760	4.467	0.000	4.467	48,449.757	100,236.760
28.770	4.472	0.000	4.472	48,473.451	100,721.387
28.780	4.477	0.000	4.477	48,497.150	101,206.251
28.790	4.482	0.000	4.482	48,520.856	101,691.352
28.800	4.488	0.000	4.488	48,544.563	102,176.598
28.810	4.493	0.000	4.493	48,568.280	102,662.173
28.820	4.498	0.000	4.498	48,592.003	103,147.986
28.830	4.503	0.000	4.503	48,615.732	103,634.036
28.840	4.508	0.000	4.508	48,639.466	104,120.323
28.850	4.513	0.000	4.513	48,663.207	104,606.847
28.860	4.518	0.000	4.518	48,686.953	105,093.609
28.870	4.524	0.000	4.524	48,710.705	105,580.609
28.880	4.529	0.000	4.529	48,734.458	106,067.753
28.890	4.534	0.000	4.534	48,758.221	106,555.227
28.900	4.539	0.000	4.539	48,781.991	107,042.939
28.910	4.544	0.000	4.544	48,805.766	107,530.889
28.920	4.549	0.000	4.549	48,829.547	108,019.077
28.930	4.554	0.000	4.554	48,853.333	108,507.503
28.940	4.559	0.000	4.559	48,877.126	108,996.166
28.950	4.564	0.000	4.564	48,900.924	109,485.068
28.960	4.569	0.000	4.569	48,924.724	109,974.114
28.970	4.574	0.000	4.574	48,948.534	110,463.491
28.980	4.579	0.000	4.579	48,972.349	110,953.107
28.990	4.585	0.000	4.585	48,996.171	111,442.961
29.000	4.590	0.000	4.590	49,019.998	111,933.053
29.010	4.595	0.000	4.595	49,045.958	112,423.395
29.020	4.600	0.000	4.600	49,071.926	112,913.995
29.030	4.605	0.000	4.605	49,097.900	113,404.856
29.040	4.610	0.000	4.610	49,123.881	113,895.976
29.050	4.615	0.000	4.615	49,149.864	114,387.262
29.060	4.620	0.000	4.620	49,175.858	114,878.902
29.070	4.625	0.000	4.625	49,201.860	115,370.802
29.080	4.630	0.000	4.630	49,227.869	115,862.962
29.090	4.635	0.000	4.635	49,253.884	116,355.382
29.100	4.640	0.000	4.640	49,279.906	116,848.062
29.110	4.645	0.000	4.645	49,305.935	117,341.003
29.120	4.650	0.000	4.650	49,331.971	117,834.204
29.130	4.655	0.000	4.655	49,358.009	118,327.571
29.140	4.660	0.000	4.660	49,384.059	118,821.292
29.150	4.665	0.000	4.665	49,410.116	119,315.274

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
29.160	4.670	0.000	4.670	49,436.179	119,809.517
29.170	4.675	0.000	4.675	49,462.250	120,304.021
29.180	4.679	0.000	4.679	49,488.327	120,798.785
29.190	4.684	0.000	4.684	49,514.411	121,293.810
29.200	4.689	0.000	4.689	49,540.502	121,789.096
29.210	4.694	0.000	4.694	49,566.595	122,284.548
29.220	4.699	0.000	4.699	49,592.700	122,780.356
29.230	4.704	0.000	4.704	49,618.811	123,276.425
29.240	4.709	0.000	4.709	49,644.930	123,772.755
29.250	4.714	0.000	4.714	49,671.055	124,269.346
29.260	4.719	0.000	4.719	49,697.187	124,766.199
29.270	4.724	0.000	4.724	49,723.326	125,263.313
29.280	4.729	0.000	4.729	49,749.472	125,760.688
29.290	4.734	0.000	4.734	49,775.625	126,258.325
29.300	4.738	0.000	4.738	49,801.780	126,756.129
29.310	4.743	0.000	4.743	49,827.947	127,254.289
29.320	4.748	0.000	4.748	49,854.120	127,752.710
29.330	4.753	0.000	4.753	49,880.300	128,251.394
29.340	4.758	0.000	4.758	49,906.488	128,750.339
29.350	4.763	0.000	4.763	49,932.682	129,249.547
29.360	4.768	0.000	4.768	49,958.883	129,749.016
29.370	4.773	0.000	4.773	49,985.090	130,248.747
29.380	4.777	0.000	4.777	50,011.300	130,748.645
29.390	4.782	0.000	4.782	50,037.522	131,248.901
29.400	4.787	0.000	4.787	50,063.750	131,749.419
29.410	4.792	0.000	4.792	50,089.985	132,250.199
29.420	4.797	0.000	4.797	50,116.228	132,751.241
29.430	4.802	0.000	4.802	50,142.477	133,252.546
29.440	4.806	0.000	4.806	50,168.733	133,754.114
29.450	4.811	0.000	4.811	50,194.995	134,255.944
29.460	4.816	0.000	4.816	50,221.260	134,757.941
29.470	4.821	0.000	4.821	50,247.537	135,260.296
29.480	4.826	0.000	4.826	50,273.820	135,762.915
29.490	4.830	0.000	4.830	50,300.110	136,265.796
29.500	4.835	0.000	4.835	50,326.407	136,768.940
29.510	4.840	0.000	4.840	50,352.712	137,272.347
29.520	4.845	0.000	4.845	50,379.022	137,776.017
29.530	4.849	0.000	4.849	50,405.340	138,279.951
29.540	4.854	0.000	4.854	50,431.665	138,784.147
29.550	4.859	0.000	4.859	50,457.991	139,288.511
29.560	4.864	0.000	4.864	50,484.330	139,793.234
29.570	4.869	0.000	4.869	50,510.675	140,298.221
29.580	4.873	0.000	4.873	50,537.027	140,803.471

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
29.590	4.878	0.000	4.878	50,563.386	141,308.984
29.600	4.883	0.000	4.883	50,589.752	141,814.762
29.610	4.888	0.000	4.888	50,616.125	142,320.803
29.620	4.892	0.000	4.892	50,642.504	142,827.107
29.630	4.897	0.000	4.897	50,668.886	143,333.579
29.640	4.902	0.000	4.902	50,695.279	143,840.412
29.650	4.906	0.000	4.906	50,721.679	144,347.508
29.660	4.911	0.000	4.911	50,748.087	144,854.869
29.670	4.916	0.000	4.916	50,774.501	145,362.493
29.680	4.921	0.000	4.921	50,800.921	145,870.382
29.690	4.925	0.000	4.925	50,827.349	146,378.535
29.700	4.930	0.000	4.930	50,853.784	146,886.952
29.710	4.935	0.000	4.935	50,880.220	147,395.537
29.720	4.939	0.000	4.939	50,906.669	147,904.483
29.730	4.944	0.000	4.944	50,933.124	148,413.694
29.740	4.949	0.000	4.949	50,959.586	148,923.169
29.750	4.953	0.000	4.953	50,986.055	149,432.909
29.760	4.958	0.000	4.958	51,012.531	149,942.913
29.770	4.963	0.000	4.963	51,039.013	150,453.183
29.780	4.967	0.000	4.967	51,065.503	150,963.717
29.790	4.972	0.000	4.972	51,091.999	151,474.516
29.800	4.977	0.000	4.977	51,118.498	151,985.483
29.810	4.981	0.000	4.981	51,145.008	152,496.812
29.820	4.986	0.000	4.986	51,171.525	153,008.406
29.830	4.991	0.000	4.991	51,198.049	153,520.266
29.840	4.995	0.000	4.995	51,224.580	154,032.391
29.850	5.000	0.000	5.000	51,251.117	154,544.781
29.860	5.005	0.000	5.005	51,277.662	155,057.437
29.870	5.009	0.000	5.009	51,304.213	155,570.358
29.880	5.014	0.000	5.014	51,330.767	156,083.447
29.890	5.018	0.000	5.018	51,357.332	156,596.899
29.900	5.023	0.000	5.023	51,383.904	157,110.617
29.910	5.028	0.000	5.028	51,410.483	157,624.601
29.920	5.032	0.000	5.032	51,437.069	158,138.850
29.930	5.037	0.000	5.037	51,463.661	158,653.366
29.940	5.041	0.000	5.041	51,490.261	159,168.147
29.950	5.046	0.000	5.046	51,516.867	159,683.194
29.960	5.051	0.000	5.051	51,543.475	160,198.410
29.970	5.055	0.000	5.055	51,570.096	160,713.989
29.980	5.060	0.000	5.060	51,596.723	161,229.835
29.990	5.064	0.000	5.064	51,623.356	161,745.947
30.000	5.069	0.000	5.069	51,649.997	162,262.326
30.010	5.073	0.000	5.073	51,679.481	162,778.987

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
30.020	5.078	0.000	5.078	51,708.974	163,295.941
30.030	5.083	0.000	5.083	51,738.475	163,813.190
30.040	5.087	0.000	5.087	51,767.985	164,330.734
30.050	5.092	0.000	5.092	51,797.497	164,848.475
30.060	5.096	0.000	5.096	51,827.023	165,366.609
30.070	5.101	0.000	5.101	51,856.558	165,885.039
30.080	5.105	0.000	5.105	51,886.101	166,403.764
30.090	5.110	0.000	5.110	51,915.653	166,922.785
30.100	5.114	0.000	5.114	51,945.213	167,442.101
30.110	5.119	0.000	5.119	51,974.781	167,961.713
30.120	5.123	0.000	5.123	52,004.358	168,481.620
30.130	5.128	0.000	5.128	52,033.937	169,001.724
30.140	5.132	0.000	5.132	52,063.531	169,522.224
30.150	5.137	0.000	5.137	52,093.133	170,043.019
30.160	5.141	0.000	5.141	52,122.743	170,564.110
30.170	5.146	0.000	5.146	52,152.362	171,085.498
30.180	5.150	0.000	5.150	52,181.990	171,607.181
30.190	5.155	0.000	5.155	52,211.625	172,129.161
30.200	5.159	0.000	5.159	52,241.269	172,651.438
30.210	5.164	0.000	5.164	52,270.916	173,173.911
30.220	5.168	0.000	5.168	52,300.577	173,696.781
30.230	5.173	0.000	5.173	52,330.246	174,219.947
30.240	5.177	0.000	5.177	52,359.924	174,743.410
30.250	5.182	0.000	5.182	52,389.610	175,267.169
30.260	5.186	0.000	5.186	52,419.305	175,791.226
30.270	5.191	0.000	5.191	52,449.008	176,315.579
30.280	5.195	0.000	5.195	52,478.719	176,840.230
30.290	5.200	0.000	5.200	52,508.439	177,365.178
30.300	5.204	0.000	5.204	52,538.162	177,890.323
30.310	5.209	0.000	5.209	52,567.898	178,415.865
30.320	5.213	0.000	5.213	52,597.643	178,941.705
30.330	5.217	0.000	5.217	52,627.397	179,467.842
30.340	5.222	0.000	5.222	52,657.159	179,994.277
30.350	5.226	0.000	5.226	52,686.929	180,521.009
30.360	5.231	0.000	5.231	52,716.708	181,048.040
30.370	5.235	0.000	5.235	52,746.495	181,575.368
30.380	5.240	0.000	5.240	52,776.284	182,102.893
30.390	5.244	0.000	5.244	52,806.088	182,630.817
30.400	5.248	0.000	5.248	52,835.901	183,159.039
30.410	5.253	0.000	5.253	52,865.721	183,687.559
30.420	5.257	0.000	5.257	52,895.551	184,216.378
30.430	5.262	0.000	5.262	52,925.388	184,745.495
30.440	5.266	0.000	5.266	52,955.234	185,274.910

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
30.450	5.270	0.000	5.270	52,985.089	185,804.623
30.460	5.275	0.000	5.275	53,014.946	186,334.535
30.470	5.279	0.000	5.279	53,044.817	186,864.846
30.480	5.284	0.000	5.284	53,074.697	187,395.455
30.490	5.288	0.000	5.288	53,104.585	187,926.364
30.500	5.292	0.000	5.292	53,134.481	188,457.571
30.510	5.297	0.000	5.297	53,164.386	188,989.078
30.520	5.301	0.000	5.301	53,194.299	189,520.884
30.530	5.305	0.000	5.305	53,224.221	190,052.988
30.540	5.310	0.000	5.310	53,254.151	190,585.392
30.550	5.314	0.000	5.314	53,284.084	191,117.994
30.560	5.318	0.000	5.318	53,314.031	191,650.997
30.570	5.323	0.000	5.323	53,343.986	192,184.299
30.580	5.327	0.000	5.327	53,373.950	192,717.901
30.590	5.331	0.000	5.331	53,403.922	193,251.803
30.600	5.336	0.000	5.336	53,433.903	193,786.004
30.610	5.340	0.000	5.340	53,463.892	194,320.505
30.620	5.344	0.000	5.344	53,493.889	194,855.306
30.630	5.349	0.000	5.349	53,523.890	195,390.306
30.640	5.353	0.000	5.353	53,553.904	195,925.707
30.650	5.357	0.000	5.357	53,583.926	196,461.408
30.660	5.362	0.000	5.362	53,613.958	196,997.410
30.670	5.366	0.000	5.366	53,643.997	197,533.712
30.680	5.370	0.000	5.370	53,674.045	198,070.314
30.690	5.375	0.000	5.375	53,704.101	198,607.218
30.700	5.379	0.000	5.379	53,734.166	199,144.421
30.710	5.383	0.000	5.383	53,764.233	199,681.823
30.720	5.388	0.000	5.388	53,794.315	200,219.628
30.730	5.392	0.000	5.392	53,824.405	200,757.734
30.740	5.396	0.000	5.396	53,854.503	201,296.141
30.750	5.401	0.000	5.401	53,884.610	201,834.849
30.760	5.405	0.000	5.405	53,914.725	202,373.858
30.770	5.409	0.000	5.409	53,944.849	202,913.168
30.780	5.413	0.000	5.413	53,974.981	203,452.779
30.790	5.418	0.000	5.418	54,005.121	203,992.692
30.800	5.422	0.000	5.422	54,035.265	204,532.804
30.810	5.426	0.000	5.426	54,065.422	205,073.319
30.820	5.430	0.000	5.430	54,095.588	205,614.137
30.830	5.435	0.000	5.435	54,125.762	206,155.256
30.840	5.439	0.000	5.439	54,155.944	206,696.677
30.850	5.443	0.000	5.443	54,186.135	207,238.400
30.860	5.447	0.000	5.447	54,216.334	207,780.424
30.870	5.452	0.000	5.452	54,246.542	208,322.751

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
30.880	5.456	0.000	5.456	54,276.753	208,865.277
30.890	5.460	0.000	5.460	54,306.977	209,408.208
30.900	5.464	0.000	5.464	54,337.210	209,951.441
30.910	5.469	0.000	5.469	54,367.452	210,494.977
30.920	5.473	0.000	5.473	54,397.701	211,038.815
30.930	5.477	0.000	5.477	54,427.960	211,582.956
30.940	5.481	0.000	5.481	54,458.226	212,127.399
30.950	5.486	0.000	5.486	54,488.501	212,672.145
30.960	5.490	0.000	5.490	54,518.779	213,217.090
30.970	5.494	0.000	5.494	54,549.071	213,762.442
30.980	5.498	0.000	5.498	54,579.371	214,308.097
30.990	5.502	0.000	5.502	54,609.680	214,854.055
31.000	5.507	0.000	5.507	54,639.997	215,400.315
31.010	5.511	0.000	5.511	54,667.749	215,946.868
31.020	5.515	0.000	5.515	54,695.508	216,493.697
31.030	5.519	0.000	5.519	54,723.274	217,040.803
31.040	5.523	0.000	5.523	54,751.047	217,588.187
31.050	5.528	0.000	5.528	54,778.822	218,135.745
31.060	5.532	0.000	5.532	54,806.609	218,683.685
31.070	5.536	0.000	5.536	54,834.403	219,231.902
31.080	5.540	0.000	5.540	54,862.204	219,780.398
31.090	5.544	0.000	5.544	54,890.013	220,329.171
31.100	5.548	0.000	5.548	54,917.828	220,878.223
31.110	5.553	0.000	5.553	54,945.650	221,427.553
31.120	5.557	0.000	5.557	54,973.480	221,977.161
31.130	5.561	0.000	5.561	55,001.311	222,526.943
31.140	5.565	0.000	5.565	55,029.155	223,077.108
31.150	5.569	0.000	5.569	55,057.005	223,627.551
31.160	5.573	0.000	5.573	55,084.863	224,178.273
31.170	5.578	0.000	5.578	55,112.728	224,729.274
31.180	5.582	0.000	5.582	55,140.599	225,280.553
31.190	5.586	0.000	5.586	55,168.478	225,832.111
31.200	5.590	0.000	5.590	55,196.364	226,383.948
31.210	5.594	0.000	5.594	55,224.251	226,935.958
31.220	5.598	0.000	5.598	55,252.151	227,488.353
31.230	5.602	0.000	5.602	55,280.058	228,041.026
31.240	5.607	0.000	5.607	55,307.972	228,593.979
31.250	5.611	0.000	5.611	55,335.893	229,147.211
31.260	5.615	0.000	5.615	55,363.821	229,700.722
31.270	5.619	0.000	5.619	55,391.756	230,254.513
31.280	5.623	0.000	5.623	55,419.699	230,808.583
31.290	5.627	0.000	5.627	55,447.648	231,362.932
31.300	5.631	0.000	5.631	55,475.599	231,917.455

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
31.310	5.635	0.000	5.635	55,503.562	232,472.364
31.320	5.640	0.000	5.640	55,531.532	233,027.552
31.330	5.644	0.000	5.644	55,559.510	233,583.020
31.340	5.648	0.000	5.648	55,587.494	234,138.768
31.350	5.652	0.000	5.652	55,615.486	234,694.795
31.360	5.656	0.000	5.656	55,643.484	235,251.103
31.370	5.660	0.000	5.660	55,671.490	235,807.690
31.380	5.664	0.000	5.664	55,699.497	236,364.452
31.390	5.668	0.000	5.668	55,727.517	236,921.600
31.400	5.672	0.000	5.672	55,755.543	237,479.028
31.410	5.676	0.000	5.676	55,783.577	238,036.736
31.420	5.680	0.000	5.680	55,811.618	238,594.725
31.430	5.684	0.000	5.684	55,839.666	239,152.994
31.440	5.689	0.000	5.689	55,867.721	239,711.544
31.450	5.693	0.000	5.693	55,895.783	240,270.374
31.460	5.697	0.000	5.697	55,923.846	240,829.378
31.470	5.701	0.000	5.701	55,951.922	241,388.770
31.480	5.705	0.000	5.705	55,980.006	241,948.442
31.490	5.709	0.000	5.709	56,008.096	242,508.396
31.500	5.713	0.000	5.713	56,036.193	243,068.630
31.510	5.717	0.000	5.717	56,064.297	243,629.145
31.520	5.721	0.000	5.721	56,092.408	244,189.941
31.530	5.725	0.000	5.725	56,120.527	244,751.019
31.540	5.729	0.000	5.729	56,148.652	245,312.378
31.550	5.733	0.000	5.733	56,176.779	245,873.911
31.560	5.737	0.000	5.737	56,204.918	246,435.832
31.570	5.741	0.000	5.741	56,233.065	246,998.035
31.580	5.745	0.000	5.745	56,261.219	247,560.519
31.590	5.749	0.000	5.749	56,289.379	248,123.285
31.600	5.753	0.000	5.753	56,317.547	248,686.332
31.610	5.757	0.000	5.757	56,345.721	249,249.661
31.620	5.761	0.000	5.761	56,373.903	249,813.272
31.630	5.765	0.000	5.765	56,402.087	250,377.058
31.640	5.769	0.000	5.769	56,430.282	250,941.233
31.650	5.773	0.000	5.773	56,458.485	251,505.689
31.660	5.777	0.000	5.777	56,486.695	252,070.428
31.670	5.781	0.000	5.781	56,514.912	252,635.449
31.680	5.785	0.000	5.785	56,543.136	253,200.752
31.690	5.789	0.000	5.789	56,571.367	253,766.338
31.700	5.793	0.000	5.793	56,599.605	254,332.205
31.710	5.797	0.000	5.797	56,627.845	254,898.248
31.720	5.801	0.000	5.801	56,656.097	255,464.680
31.730	5.805	0.000	5.805	56,684.356	256,031.395

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
31.740	5.809	0.000	5.809	56,712.623	256,598.393
31.750	5.813	0.000	5.813	56,740.896	257,165.674
31.760	5.817	0.000	5.817	56,769.176	257,733.237
31.770	5.821	0.000	5.821	56,797.464	258,301.083
31.780	5.825	0.000	5.825	56,825.758	258,869.212
31.790	5.829	0.000	5.829	56,854.060	259,437.625
31.800	5.833	0.000	5.833	56,882.363	260,006.211
31.810	5.837	0.000	5.837	56,910.678	260,575.189
31.820	5.841	0.000	5.841	56,939.001	261,144.451
31.830	5.845	0.000	5.845	56,967.331	261,713.996
31.840	5.849	0.000	5.849	56,995.667	262,283.824
31.850	5.853	0.000	5.853	57,024.011	262,853.935
31.860	5.857	0.000	5.857	57,052.362	263,424.330
31.870	5.861	0.000	5.861	57,080.720	263,995.008
31.880	5.865	0.000	5.865	57,109.079	264,565.861
31.890	5.869	0.000	5.869	57,137.451	265,137.107
31.900	5.873	0.000	5.873	57,165.830	265,708.637
31.910	5.877	0.000	5.877	57,194.216	266,280.450
31.920	5.881	0.000	5.881	57,222.610	266,852.547
31.930	5.885	0.000	5.885	57,251.010	267,424.928
31.940	5.889	0.000	5.889	57,279.417	267,997.594
31.950	5.892	0.000	5.892	57,307.831	268,570.543
31.960	5.896	0.000	5.896	57,336.247	269,143.667
31.970	5.900	0.000	5.900	57,364.675	269,717.185
31.980	5.904	0.000	5.904	57,393.111	270,290.987
31.990	5.908	0.000	5.908	57,421.553	270,865.073
32.000	5.912	0.000	5.912	57,450.003	271,439.444
32.010	5.916	0.000	5.916	57,476.202	272,013.977
32.020	5.920	0.000	5.920	57,502.418	272,588.993
32.030	5.924	0.000	5.924	57,528.630	273,164.052
32.040	5.928	0.000	5.928	57,554.858	273,739.592
32.050	5.932	0.000	5.932	57,581.081	274,315.175
32.060	5.935	0.000	5.935	57,607.321	274,891.240
32.070	5.939	0.000	5.939	57,633.557	275,467.348
32.080	5.943	0.000	5.943	57,659.809	276,043.938
32.090	5.947	0.000	5.947	57,686.056	276,620.571
32.100	5.951	0.000	5.951	57,712.310	277,197.466
32.110	5.955	0.000	5.955	57,738.579	277,774.843
32.120	5.959	0.000	5.959	57,764.845	278,352.264
32.130	5.963	0.000	5.963	57,791.126	278,930.167
32.140	5.967	0.000	5.967	57,817.404	279,508.112
32.150	5.970	0.000	5.970	57,843.697	280,086.541
32.160	5.974	0.000	5.974	57,869.987	280,665.013

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
32.170	5.978	0.000	5.978	57,896.282	281,243.747
32.180	5.982	0.000	5.982	57,922.594	281,822.965
32.190	5.986	0.000	5.986	57,948.901	282,402.225
32.200	5.990	0.000	5.990	57,975.224	282,981.970
32.210	5.994	0.000	5.994	58,001.544	283,561.756
32.220	5.998	0.000	5.998	58,027.879	284,142.027
32.230	6.001	0.000	6.001	58,054.210	284,722.340
32.240	6.005	0.000	6.005	58,080.558	285,303.138
32.250	6.009	0.000	6.009	58,106.901	285,883.978
32.260	6.013	0.000	6.013	58,133.250	286,465.081
32.270	6.017	0.000	6.017	58,159.615	287,046.670
32.280	6.021	0.000	6.021	58,185.976	287,628.300
32.290	6.025	0.000	6.025	58,212.353	288,210.416
32.300	6.028	0.000	6.028	58,238.726	288,792.574
32.310	6.032	0.000	6.032	58,265.116	289,375.217
32.320	6.036	0.000	6.036	58,291.501	289,957.902
32.330	6.040	0.000	6.040	58,317.902	290,541.074
32.340	6.044	0.000	6.044	58,344.299	291,124.287
32.350	6.048	0.000	6.048	58,370.702	291,707.764
32.360	6.051	0.000	6.051	58,397.121	292,291.728
32.370	6.055	0.000	6.055	58,423.535	292,875.733
32.380	6.059	0.000	6.059	58,449.966	293,460.225
32.390	6.063	0.000	6.063	58,476.393	294,044.759
32.400	6.067	0.000	6.067	58,502.836	294,629.780
32.410	6.070	0.000	6.070	58,529.275	295,214.843
32.420	6.074	0.000	6.074	58,555.720	295,800.169
32.430	6.078	0.000	6.078	58,582.181	296,385.984
32.440	6.082	0.000	6.082	58,608.637	296,971.840
32.450	6.086	0.000	6.086	58,635.110	297,558.184
32.460	6.089	0.000	6.089	58,661.579	298,144.569
32.470	6.093	0.000	6.093	58,688.063	298,731.442
32.480	6.097	0.000	6.097	58,714.544	299,318.357
32.490	6.101	0.000	6.101	58,741.041	299,905.760
32.500	6.105	0.000	6.105	58,767.533	300,493.204
32.510	6.108	0.000	6.108	58,794.032	301,080.913
32.520	6.112	0.000	6.112	58,820.546	301,669.112
32.530	6.116	0.000	6.116	58,847.057	302,257.351
32.540	6.120	0.000	6.120	58,873.583	302,846.080
32.550	6.124	0.000	6.124	58,900.106	303,434.850
32.560	6.127	0.000	6.127	58,926.644	304,024.109
32.570	6.131	0.000	6.131	58,953.179	304,613.409
32.580	6.135	0.000	6.135	58,979.729	305,203.200
32.590	6.139	0.000	6.139	59,006.275	305,793.031

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
32.600	6.142	0.000	6.142	59,032.828	306,383.127
32.610	6.146	0.000	6.146	59,059.396	306,973.715
32.620	6.150	0.000	6.150	59,085.960	307,564.342
32.630	6.154	0.000	6.154	59,112.541	308,155.461
32.640	6.158	0.000	6.158	59,139.117	308,746.620
32.650	6.161	0.000	6.161	59,165.709	309,338.270
32.660	6.165	0.000	6.165	59,192.297	309,929.961
32.670	6.169	0.000	6.169	59,218.891	310,521.918
32.680	6.173	0.000	6.173	59,245.502	311,114.366
32.690	6.176	0.000	6.176	59,272.108	311,706.855
32.700	6.180	0.000	6.180	59,298.730	312,299.836
32.710	6.184	0.000	6.184	59,325.348	312,892.856
32.720	6.188	0.000	6.188	59,351.982	313,486.370
32.730	6.191	0.000	6.191	59,378.612	314,079.923
32.740	6.195	0.000	6.195	59,405.258	314,673.969
32.750	6.199	0.000	6.199	59,431.900	315,268.055
32.760	6.202	0.000	6.202	59,458.548	315,862.408
32.770	6.206	0.000	6.206	59,485.212	316,457.254
32.780	6.210	0.000	6.210	59,511.872	317,052.139
32.790	6.214	0.000	6.214	59,538.548	317,647.519
32.800	6.217	0.000	6.217	59,565.219	318,242.937
32.810	6.221	0.000	6.221	59,591.907	318,838.850
32.820	6.225	0.000	6.225	59,618.591	319,434.803
32.830	6.229	0.000	6.229	59,645.291	320,031.250
32.840	6.232	0.000	6.232	59,671.986	320,627.736
32.850	6.236	0.000	6.236	59,698.688	321,224.489
32.860	6.240	0.000	6.240	59,725.406	321,821.737
32.870	6.243	0.000	6.243	59,752.119	322,419.024
32.880	6.247	0.000	6.247	59,778.849	323,016.807
32.890	6.251	0.000	6.251	59,805.575	323,614.629
32.900	6.255	0.000	6.255	59,832.316	324,212.946
32.910	6.258	0.000	6.258	59,859.054	324,811.302
32.920	6.262	0.000	6.262	59,885.797	325,409.926
32.930	6.266	0.000	6.266	59,912.557	326,009.046
32.940	6.269	0.000	6.269	59,939.312	326,608.204
32.950	6.273	0.000	6.273	59,966.084	327,207.859
32.960	6.277	0.000	6.277	59,992.851	327,807.553
32.970	6.280	0.000	6.280	60,019.635	328,407.744
32.980	6.284	0.000	6.284	60,046.414	329,007.974
32.990	6.288	0.000	6.288	60,073.210	329,608.700
33.000	6.291	0.000	6.291	60,100.001	330,209.465
33.010	6.295	0.000	6.295	60,129.732	330,810.512
33.020	6.299	0.000	6.299	60,159.481	331,412.087

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
33.030	6.302	0.000	6.302	60,189.227	332,013.730
33.040	6.306	0.000	6.306	60,218.992	332,615.899
33.050	6.310	0.000	6.310	60,248.752	333,218.137
33.060	6.313	0.000	6.313	60,278.531	333,820.902
33.070	6.317	0.000	6.317	60,308.306	334,423.735
33.080	6.321	0.000	6.321	60,338.100	335,027.096
33.090	6.324	0.000	6.324	60,367.890	335,630.524
33.100	6.328	0.000	6.328	60,397.687	336,234.251
33.110	6.332	0.000	6.332	60,427.503	336,838.506
33.120	6.335	0.000	6.335	60,457.315	337,442.829
33.130	6.339	0.000	6.339	60,487.145	338,047.680
33.140	6.343	0.000	6.343	60,516.972	338,652.599
33.150	6.346	0.000	6.346	60,546.817	339,258.047
33.160	6.350	0.000	6.350	60,576.658	339,863.563
33.170	6.354	0.000	6.354	60,606.507	340,469.377
33.180	6.357	0.000	6.357	60,636.374	341,075.721
33.190	6.361	0.000	6.361	60,666.238	341,682.132
33.200	6.365	0.000	6.365	60,696.120	342,289.074
33.210	6.368	0.000	6.368	60,725.998	342,896.082
33.220	6.372	0.000	6.372	60,755.895	343,503.622
33.230	6.375	0.000	6.375	60,785.787	344,111.228
33.240	6.379	0.000	6.379	60,815.699	344,719.365
33.250	6.383	0.000	6.383	60,845.606	345,327.570
33.260	6.386	0.000	6.386	60,875.521	345,936.073
33.270	6.390	0.000	6.390	60,905.455	346,545.108
33.280	6.394	0.000	6.394	60,935.384	347,154.210
33.290	6.397	0.000	6.397	60,965.332	347,763.844
33.300	6.401	0.000	6.401	60,995.277	348,373.544
33.310	6.404	0.000	6.404	61,025.240	348,983.777
33.320	6.408	0.000	6.408	61,055.199	349,594.077
33.330	6.412	0.000	6.412	61,085.176	350,204.909
33.340	6.415	0.000	6.415	61,115.150	350,815.808
33.350	6.419	0.000	6.419	61,145.131	351,427.007
33.360	6.422	0.000	6.422	61,175.131	352,038.739
33.370	6.426	0.000	6.426	61,205.126	352,650.538
33.380	6.430	0.000	6.430	61,235.141	353,262.870
33.390	6.433	0.000	6.433	61,265.151	353,875.268
33.400	6.437	0.000	6.437	61,295.180	354,488.201
33.410	6.440	0.000	6.440	61,325.205	355,101.200
33.420	6.444	0.000	6.444	61,355.238	355,714.499
33.430	6.448	0.000	6.448	61,385.289	356,328.333
33.440	6.451	0.000	6.451	61,415.336	356,942.233
33.450	6.455	0.000	6.455	61,445.402	357,556.668

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
33.460	6.458	0.000	6.458	61,475.464	358,171.169
33.470	6.462	0.000	6.462	61,505.545	358,786.205
33.480	6.466	0.000	6.466	61,535.621	359,401.308
33.490	6.469	0.000	6.469	61,565.717	360,016.946
33.500	6.473	0.000	6.473	61,595.808	360,632.650
33.510	6.476	0.000	6.476	61,625.907	361,248.656
33.520	6.480	0.000	6.480	61,656.024	361,865.197
33.530	6.483	0.000	6.483	61,686.138	362,481.804
33.540	6.487	0.000	6.487	61,716.270	363,098.948
33.550	6.491	0.000	6.491	61,746.398	363,716.158
33.560	6.494	0.000	6.494	61,776.545	364,333.904
33.570	6.498	0.000	6.498	61,806.687	364,951.717
33.580	6.501	0.000	6.501	61,836.849	365,570.067
33.590	6.505	0.000	6.505	61,867.007	366,188.482
33.600	6.508	0.000	6.508	61,897.171	366,807.199
33.610	6.512	0.000	6.512	61,927.355	367,426.454
33.620	6.516	0.000	6.516	61,957.535	368,045.774
33.630	6.519	0.000	6.519	61,987.733	368,665.633
33.640	6.523	0.000	6.523	62,017.927	369,285.557
33.650	6.526	0.000	6.526	62,048.140	369,906.020
33.660	6.530	0.000	6.530	62,078.349	370,526.548
33.670	6.533	0.000	6.533	62,108.565	371,147.379
33.680	6.537	0.000	6.537	62,138.801	371,768.748
33.690	6.540	0.000	6.540	62,169.032	372,390.183
33.700	6.544	0.000	6.544	62,199.282	373,012.157
33.710	6.547	0.000	6.547	62,229.527	373,634.197
33.720	6.551	0.000	6.551	62,259.792	374,256.777
33.730	6.554	0.000	6.554	62,290.052	374,879.421
33.740	6.558	0.000	6.558	62,320.332	375,502.606
33.750	6.562	0.000	6.562	62,350.607	376,125.856
33.760	6.565	0.000	6.565	62,380.889	376,749.409
33.770	6.569	0.000	6.569	62,411.190	377,373.503
33.780	6.572	0.000	6.572	62,441.488	377,997.661
33.790	6.576	0.000	6.576	62,471.804	378,622.361
33.800	6.579	0.000	6.579	62,502.116	379,247.126
33.810	6.583	0.000	6.583	62,532.446	379,872.432
33.820	6.586	0.000	6.586	62,562.773	380,497.803
33.830	6.590	0.000	6.590	62,593.119	381,123.717
33.840	6.593	0.000	6.593	62,623.460	381,749.694
33.850	6.597	0.000	6.597	62,653.808	382,375.976
33.860	6.600	0.000	6.600	62,684.176	383,002.799
33.870	6.604	0.000	6.604	62,714.539	383,629.688
33.880	6.607	0.000	6.607	62,744.922	384,257.119

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
33.890	6.611	0.000	6.611	62,775.300	384,884.615
33.900	6.614	0.000	6.614	62,805.697	385,512.654
33.910	6.618	0.000	6.618	62,836.089	386,140.757
33.920	6.621	0.000	6.621	62,866.490	386,769.165
33.930	6.625	0.000	6.625	62,896.909	387,398.116
33.940	6.628	0.000	6.628	62,927.324	388,027.131
33.950	6.632	0.000	6.632	62,957.757	388,656.691
33.960	6.635	0.000	6.635	62,988.187	389,286.315
33.970	6.639	0.000	6.639	63,018.635	389,916.484
33.980	6.642	0.000	6.642	63,049.080	390,546.717
33.990	6.646	0.000	6.646	63,079.543	391,177.495
34.000	6.649	0.000	6.649	63,110.002	391,808.336
34.010	6.653	0.018	6.671	63,110.002	392,439.330
34.020	6.656	0.051	6.707	63,110.002	393,070.565
34.030	6.660	0.094	6.753	63,110.002	393,701.559
34.040	6.663	0.144	6.807	63,110.002	394,332.794
34.050	6.667	0.201	6.868	63,110.002	394,963.788
34.060	6.670	0.265	6.935	63,110.002	395,595.023
34.070	6.673	0.333	7.007	63,110.002	396,226.017
34.080	6.677	0.407	7.084	63,110.002	396,857.252
34.090	6.680	0.486	7.166	63,110.002	397,488.246
34.100	6.684	0.569	7.253	63,110.002	398,119.240
34.110	6.687	0.657	7.344	63,110.002	398,750.475
34.120	6.691	0.748	7.439	63,110.002	399,381.469
34.130	6.694	0.844	7.538	63,110.002	400,012.704
34.140	6.698	0.943	7.641	63,110.002	400,643.698
34.150	6.701	1.046	7.747	63,110.002	401,274.932
34.160	6.705	1.152	7.857	63,110.002	401,905.926
34.170	6.708	1.262	7.970	63,110.002	402,536.921
34.180	6.712	1.375	8.086	63,110.002	403,168.155
34.190	6.715	1.491	8.206	63,110.002	403,799.149
34.200	6.718	1.610	8.328	63,110.002	404,430.384
34.210	6.722	1.732	8.454	63,110.002	405,061.378
34.220	6.725	1.857	8.583	63,110.002	405,692.613
34.230	6.729	1.985	8.714	63,110.002	406,323.607
34.240	6.732	2.116	8.849	63,110.002	406,954.842
34.250	6.736	2.250	8.986	63,110.002	407,585.836
34.260	6.739	2.386	9.125	63,110.002	408,216.830
34.270	6.742	2.525	9.268	63,110.002	408,848.065
34.280	6.746	2.667	9.413	63,110.002	409,479.059
34.290	6.749	2.811	9.560	63,110.002	410,110.294
34.300	6.753	2.958	9.710	63,110.002	410,741.288
34.310	6.756	3.107	9.863	63,110.002	411,372.523

V. 放流特性

貯水位高 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)	湛水面積 (m2)	貯留量 (m3)
34.320	6.760	3.258	10.018	63,110.002	412,003.517
34.330	6.763	3.412	10.175	63,110.002	412,634.752
34.340	6.766	3.569	10.335	63,110.002	413,265.746
34.350	6.770	3.727	10.497	63,110.002	413,896.740
34.360	6.773	3.888	10.661	63,110.002	414,527.975
34.370	6.777	4.051	10.828	63,110.002	415,158.969
34.380	6.780	4.216	10.997	63,110.002	415,790.204
34.390	6.784	4.384	11.168	63,110.002	416,421.198
34.400	6.787	4.554	11.341	63,110.002	417,052.433
34.410	6.790	4.726	11.516	63,110.002	417,683.427
34.420	6.794	4.899	11.693	63,110.002	418,314.421
34.430	6.797	5.075	11.873	63,110.002	418,945.656
34.440	6.801	5.254	12.054	63,110.002	419,576.650
34.450	6.804	5.434	12.238	63,110.002	420,207.885
34.460	6.807	5.616	12.423	63,110.002	420,838.879
34.470	6.811	5.800	12.611	63,110.002	421,470.113
34.480	6.814	5.986	12.800	63,110.002	422,101.107
34.490	6.818	6.174	12.992	63,110.002	422,732.342
34.500	6.821	6.364	13.185	63,110.002	423,363.336

VI. 貯留解析

降雨時間	降雨時刻	流入量 (m3/sec)	放流量 (m3/sec)	貯水位 (m)	湛水面積 (m2)	貯留量 (m3)
0	0:00	0.000	0.000	24.000	79.000	0.000
20	0:20	1.767	1.634	25.006	79.000	79.471
40	0:40	1.787	1.898	25.165	79.000	92.068
60	1:00	1.808	1.713	25.037	79.000	81.924
80	1:20	1.829	1.905	25.173	79.000	92.696
100	1:40	1.851	1.788	25.069	79.000	84.414
120	2:00	1.873	1.920	25.189	79.000	93.919
140	2:20	1.896	1.858	25.122	79.000	88.647
160	2:40	1.920	1.946	25.216	79.000	96.076
180	3:00	1.945	1.922	25.191	79.000	94.100
200	3:20	1.970	1.984	25.256	79.000	99.218
220	3:40	1.996	1.982	25.253	79.000	99.011
240	4:00	2.022	2.029	25.305	79.000	103.074
260	4:20	2.050	2.042	25.317	79.000	104.079
280	4:40	2.078	2.081	25.360	79.000	107.416
300	5:00	2.108	2.102	25.381	79.000	109.121
320	5:20	2.138	2.139	25.420	79.000	112.213
340	5:40	2.169	2.165	25.448	79.000	114.415
360	6:00	2.202	2.201	25.487	79.000	117.435
380	6:20	2.235	2.232	25.519	79.000	120.002
400	6:40	2.270	2.268	25.558	79.000	123.059
420	7:00	2.306	2.303	25.595	79.000	125.973
440	7:20	2.343	2.341	25.634	79.000	129.111
460	7:40	2.382	2.379	25.673	79.000	132.128
480	8:00	2.422	2.419	25.714	79.000	135.375
500	8:20	2.463	2.460	25.758	79.000	138.880
520	8:40	2.507	2.504	25.805	79.000	142.607
540	9:00	2.552	2.548	25.853	79.000	146.404
560	9:20	2.599	2.596	25.905	79.000	150.520
580	9:40	2.648	2.644	25.960	79.000	154.865
600	10:00	2.699	2.679	26.001	18,701.286	169.140
620	10:20	2.752	2.681	26.004	18,707.572	223.625
640	10:40	2.808	2.687	26.010	18,720.858	338.814
660	11:00	2.866	2.695	26.019	18,741.078	514.203
680	11:20	2.927	2.705	26.032	18,768.276	750.250
700	11:40	2.992	2.719	26.047	18,802.460	1,047.192
720	12:00	3.059	2.736	26.066	18,843.619	1,405.067
740	12:20	3.130	2.754	26.089	18,891.834	1,824.779
760	12:40	3.205	2.775	26.114	18,947.285	2,308.140
780	13:00	3.284	2.799	26.143	19,010.132	2,856.848
800	13:20	3.367	2.826	26.175	19,080.525	3,472.488
820	13:40	3.456	2.855	26.211	19,158.707	4,157.638
840	14:00	3.549	2.887	26.251	19,244.998	4,915.442
860	14:20	3.649	2.922	26.294	19,339.710	5,749.128
880	14:40	3.755	2.959	26.341	19,443.270	6,663.067
900	15:00	3.868	2.998	26.392	19,556.183	7,662.344
920	15:20	3.989	3.041	26.448	19,679.039	8,752.874

VI. 貯留解析

降雨時間	降雨時刻	流入量 (m3/sec)	放流量 (m3/sec)	貯水位 (m)	湛水面積 (m2)	貯留量 (m3)
940	15:40	4.119	3.087	26.508	19,812.459	9,941.020
960	16:00	4.258	3.135	26.573	19,957.166	11,234.217
980	16:20	4.409	3.186	26.643	20,114.058	12,641.627
1000	16:40	4.572	3.241	26.719	20,284.165	14,173.793
1020	17:00	4.749	3.299	26.801	20,468.622	15,842.507
1040	17:20	4.941	3.360	26.890	20,668.705	17,661.088
1060	17:40	5.152	3.425	26.985	20,885.956	19,645.677
1080	18:00	5.384	3.467	27.047	42,094.088	21,831.631
1100	18:20	5.640	3.505	27.105	42,363.617	24,262.314
1120	18:40	5.924	3.547	27.169	42,662.800	26,969.472
1140	19:00	6.242	3.593	27.239	42,994.887	29,985.528
1160	19:20	6.600	3.642	27.317	43,363.804	33,349.805
1180	19:40	7.006	3.697	27.403	43,774.263	37,109.672
1200	20:00	7.471	3.756	27.499	44,231.982	41,323.347
1220	20:20	8.008	3.822	27.605	44,744.064	46,063.327
1240	20:40	8.636	3.893	27.724	45,319.343	51,420.820
1260	21:00	9.382	3.972	27.858	45,969.108	57,512.854
1280	21:20	10.282	4.058	28.009	46,685.838	64,492.974
1300	21:40	11.390	4.156	28.181	47,087.196	72,567.695
1320	22:00	12.790	4.265	28.381	47,555.037	82,023.476
1340	22:20	14.617	4.391	28.616	48,108.706	93,274.207
1360	22:40	17.106	4.538	28.898	48,777.511	106,951.028
1380	23:00	20.707	4.712	29.246	49,661.579	124,089.215
1400	23:20	26.413	4.927	29.694	50,837.722	146,577.911
1420	23:40	37.009	5.209	30.313	52,575.461	178,549.597
1440	24:00	67.009	5.650	31.346	55,602.920	234,445.089
1460	24:20	0.000	5.886	31.935	57,266.080	267,728.770
1480	24:40	0.000	5.838	31.812	56,916.601	260,694.103
1500	25:00	0.000	5.789	31.689	56,568.936	253,717.583
1520	25:20	0.000	5.740	31.566	56,223.152	246,799.879
1540	25:40	0.000	5.690	31.444	55,879.273	239,941.605
1560	26:00	0.000	5.640	31.322	55,537.356	233,143.133
1580	26:20	0.000	5.591	31.200	55,197.404	226,404.592
1600	26:40	0.000	5.540	31.079	54,859.471	219,726.360
1620	27:00	0.000	5.489	30.958	54,512.784	213,109.065
1640	27:20	0.000	5.438	30.837	54,147.931	206,552.838
1660	27:40	0.000	5.386	30.717	53,785.278	200,058.081
1680	28:00	0.000	5.335	30.597	53,424.897	193,625.470
1700	28:20	0.000	5.283	30.477	53,066.798	187,255.173
1720	28:40	0.000	5.230	30.358	52,711.039	180,947.620
1740	29:00	0.000	5.177	30.239	52,357.643	174,703.242
1760	29:20	0.000	5.124	30.121	52,006.677	168,522.478
1780	29:40	0.000	5.070	30.003	51,658.196	162,406.039
1800	30:00	0.000	5.016	29.885	51,344.768	156,354.094
1820	30:20	0.000	4.962	29.768	51,034.530	150,366.803
1840	30:40	0.000	4.908	29.652	50,726.753	144,444.859
1860	31:00	0.000	4.853	29.536	50,421.464	138,588.670

VI. 貯留解析

降雨時間	降雨時刻	流入量 (m3/sec)	放流量 (m3/sec)	貯水位 (m)	湛水面積 (m2)	貯留量 (m3)
1880	31:20	0.000	4.797	29.421	50,118.708	132,798.649
1900	31:40	0.000	4.742	29.306	49,818.541	127,075.206
1920	32:00	0.000	4.686	29.193	49,520.977	121,418.463
1940	32:20	0.000	4.629	29.079	49,226.080	115,829.130
1960	32:40	0.000	4.573	28.967	48,940.949	110,307.623
1980	33:00	0.000	4.516	28.855	48,675.271	104,854.057
2000	33:20	0.000	4.459	28.744	48,412.205	99,468.835
2020	33:40	0.000	4.401	28.634	48,151.806	94,152.659
2040	34:00	0.000	4.343	28.525	47,894.114	88,905.918
2060	34:20	0.000	4.285	28.416	47,639.165	83,728.684
2080	34:40	0.000	4.227	28.309	47,386.978	78,621.339
2100	35:00	0.000	4.168	28.202	47,137.601	73,584.271
2120	35:20	0.000	4.109	28.097	46,891.077	68,617.867
2140	35:40	0.000	4.050	27.992	46,626.718	63,722.516
2160	36:00	0.000	3.989	27.888	46,116.299	58,898.953
2180	36:20	0.000	3.929	27.784	45,610.760	54,147.690
2200	36:40	0.000	3.868	27.681	45,110.231	49,469.471
2220	37:00	0.000	3.806	27.579	44,614.888	44,865.126
2240	37:20	0.000	3.743	27.477	44,124.890	40,335.512
2260	37:40	0.000	3.680	27.375	43,640.394	35,881.485
2280	38:00	0.000	3.616	27.274	43,161.544	31,503.541
2300	38:20	0.000	3.551	27.174	42,688.550	27,202.946
2320	38:40	0.000	3.486	27.075	42,221.600	22,980.592
2340	39:00	0.000	3.400	26.947	20,798.861	18,848.799
2360	39:20	0.000	3.265	26.753	20,358.962	14,849.548
2380	39:40	0.000	3.127	26.562	19,932.577	11,014.136
2400	40:00	0.000	2.987	26.376	19,520.433	7,345.654
2420	40:20	0.000	2.842	26.195	19,123.406	3,848.104
2440	40:40	0.000	2.696	26.020	18,742.326	525.041
2460	41:00	0.000	0.000	24.000	79.000	0.000
2480	41:20	0.000	0.000	24.000	79.000	0.000
2500	41:40	0.000	0.000	24.000	79.000	0.000
2520	42:00	0.000	0.000	24.000	79.000	0.000
2540	42:20	0.000	0.000	24.000	79.000	0.000

VII. 放流量の内訳

降雨時間	降雨時刻	貯水位 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)
0	0:00	24.000	0.000	0.000	0.000
20	0:20	25.006	1.634	0.000	1.634
40	0:40	25.165	1.898	0.000	1.898
60	1:00	25.037	1.713	0.000	1.713
80	1:20	25.173	1.905	0.000	1.905
100	1:40	25.069	1.788	0.000	1.788
120	2:00	25.189	1.920	0.000	1.920
140	2:20	25.122	1.858	0.000	1.858
160	2:40	25.216	1.946	0.000	1.946
180	3:00	25.191	1.922	0.000	1.922
200	3:20	25.256	1.984	0.000	1.984
220	3:40	25.253	1.982	0.000	1.982
240	4:00	25.305	2.029	0.000	2.029
260	4:20	25.317	2.042	0.000	2.042
280	4:40	25.360	2.081	0.000	2.081
300	5:00	25.381	2.102	0.000	2.102
320	5:20	25.420	2.139	0.000	2.139
340	5:40	25.448	2.165	0.000	2.165
360	6:00	25.487	2.201	0.000	2.201
380	6:20	25.519	2.232	0.000	2.232
400	6:40	25.558	2.268	0.000	2.268
420	7:00	25.595	2.303	0.000	2.303
440	7:20	25.634	2.341	0.000	2.341
460	7:40	25.673	2.379	0.000	2.379
480	8:00	25.714	2.419	0.000	2.419
500	8:20	25.758	2.460	0.000	2.460
520	8:40	25.805	2.504	0.000	2.504
540	9:00	25.853	2.548	0.000	2.548
560	9:20	25.905	2.596	0.000	2.596
580	9:40	25.960	2.644	0.000	2.644
600	10:00	26.001	2.679	0.000	2.679
620	10:20	26.004	2.681	0.000	2.681
640	10:40	26.010	2.687	0.000	2.687
660	11:00	26.019	2.695	0.000	2.695
680	11:20	26.032	2.705	0.000	2.705
700	11:40	26.047	2.719	0.000	2.719
720	12:00	26.066	2.736	0.000	2.736
740	12:20	26.089	2.754	0.000	2.754
760	12:40	26.114	2.775	0.000	2.775
780	13:00	26.143	2.799	0.000	2.799
800	13:20	26.175	2.826	0.000	2.826
820	13:40	26.211	2.855	0.000	2.855
840	14:00	26.251	2.887	0.000	2.887
860	14:20	26.294	2.922	0.000	2.922
880	14:40	26.341	2.959	0.000	2.959
900	15:00	26.392	2.998	0.000	2.998
920	15:20	26.448	3.041	0.000	3.041

VII. 放流量の内訳

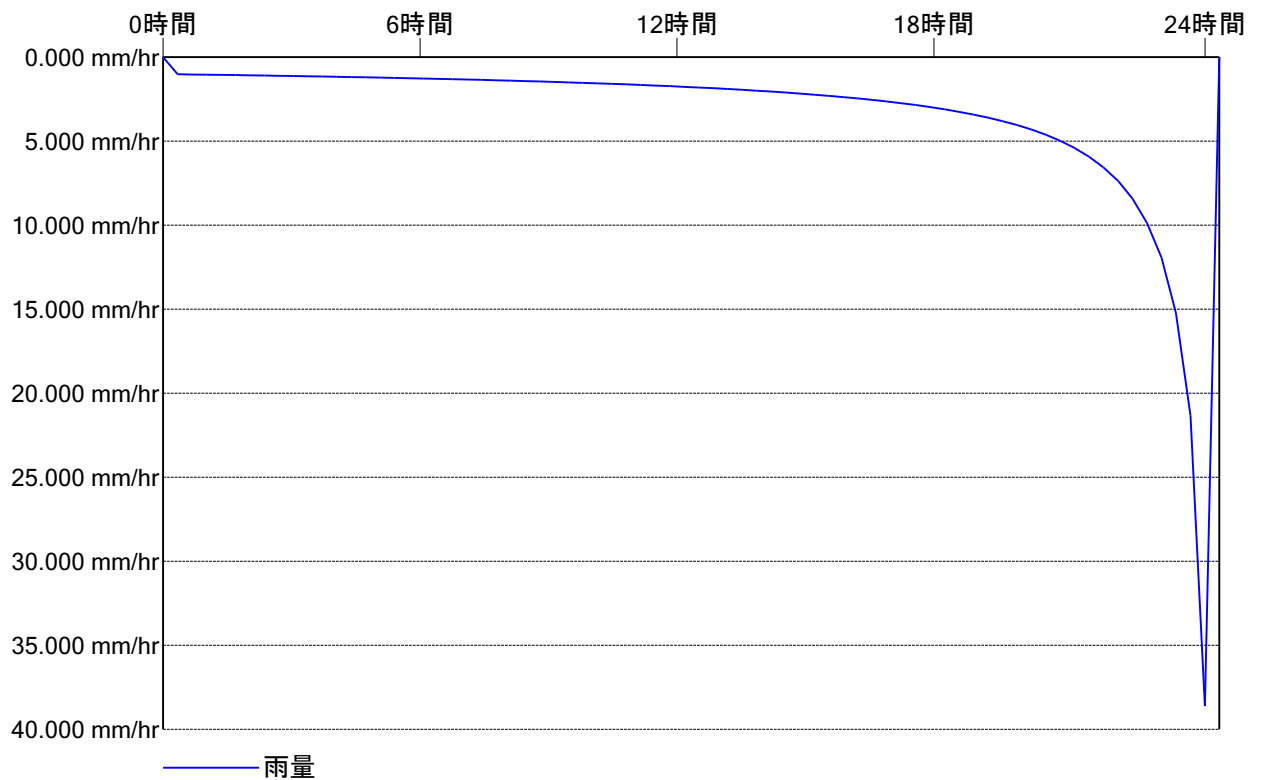
降雨時間	降雨時刻	貯水位 (m)	下段オフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)
940	15:40	26.508	3.087	0.000	3.087
960	16:00	26.573	3.135	0.000	3.135
980	16:20	26.643	3.186	0.000	3.186
1000	16:40	26.719	3.241	0.000	3.241
1020	17:00	26.801	3.299	0.000	3.299
1040	17:20	26.890	3.360	0.000	3.360
1060	17:40	26.985	3.425	0.000	3.425
1080	18:00	27.047	3.467	0.000	3.467
1100	18:20	27.105	3.505	0.000	3.505
1120	18:40	27.169	3.547	0.000	3.547
1140	19:00	27.239	3.593	0.000	3.593
1160	19:20	27.317	3.642	0.000	3.642
1180	19:40	27.403	3.697	0.000	3.697
1200	20:00	27.499	3.756	0.000	3.756
1220	20:20	27.605	3.822	0.000	3.822
1240	20:40	27.724	3.893	0.000	3.893
1260	21:00	27.858	3.972	0.000	3.972
1280	21:20	28.009	4.058	0.000	4.058
1300	21:40	28.181	4.156	0.000	4.156
1320	22:00	28.381	4.265	0.000	4.265
1340	22:20	28.616	4.391	0.000	4.391
1360	22:40	28.898	4.538	0.000	4.538
1380	23:00	29.246	4.712	0.000	4.712
1400	23:20	29.694	4.927	0.000	4.927
1420	23:40	30.313	5.209	0.000	5.209
1440	24:00	31.346	5.650	0.000	5.650
1460	24:20	31.935	5.886	0.000	5.886
1480	24:40	31.812	5.838	0.000	5.838
1500	25:00	31.689	5.789	0.000	5.789
1520	25:20	31.566	5.740	0.000	5.740
1540	25:40	31.444	5.690	0.000	5.690
1560	26:00	31.322	5.640	0.000	5.640
1580	26:20	31.200	5.591	0.000	5.591
1600	26:40	31.079	5.540	0.000	5.540
1620	27:00	30.958	5.489	0.000	5.489
1640	27:20	30.837	5.438	0.000	5.438
1660	27:40	30.717	5.386	0.000	5.386
1680	28:00	30.597	5.335	0.000	5.335
1700	28:20	30.477	5.283	0.000	5.283
1720	28:40	30.358	5.230	0.000	5.230
1740	29:00	30.239	5.177	0.000	5.177
1760	29:20	30.121	5.124	0.000	5.124
1780	29:40	30.003	5.070	0.000	5.070
1800	30:00	29.885	5.016	0.000	5.016
1820	30:20	29.768	4.962	0.000	4.962
1840	30:40	29.652	4.908	0.000	4.908
1860	31:00	29.536	4.853	0.000	4.853

VII. 放流量の内訳

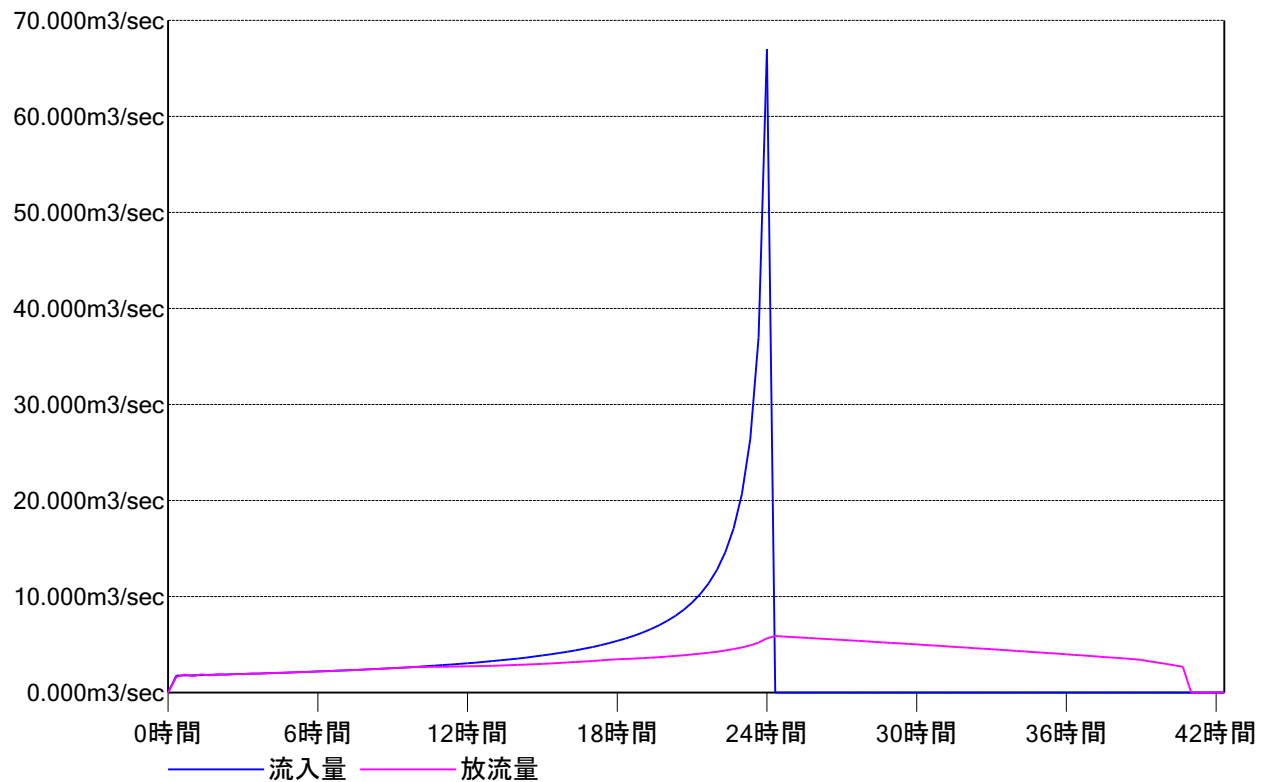
降雨時間	降雨時刻	貯水位 (m)	下段オリフィス 放流量 (m3/sec)	洪水吐き 放流量 (m3/sec)	放流量合計 (m3/sec)
1880	31:20	29.421	4.797	0.000	4.797
1900	31:40	29.306	4.742	0.000	4.742
1920	32:00	29.193	4.686	0.000	4.686
1940	32:20	29.079	4.629	0.000	4.629
1960	32:40	28.967	4.573	0.000	4.573
1980	33:00	28.855	4.516	0.000	4.516
2000	33:20	28.744	4.459	0.000	4.459
2020	33:40	28.634	4.401	0.000	4.401
2040	34:00	28.525	4.343	0.000	4.343
2060	34:20	28.416	4.285	0.000	4.285
2080	34:40	28.309	4.227	0.000	4.227
2100	35:00	28.202	4.168	0.000	4.168
2120	35:20	28.097	4.109	0.000	4.109
2140	35:40	27.992	4.050	0.000	4.050
2160	36:00	27.888	3.989	0.000	3.989
2180	36:20	27.784	3.929	0.000	3.929
2200	36:40	27.681	3.868	0.000	3.868
2220	37:00	27.579	3.806	0.000	3.806
2240	37:20	27.477	3.743	0.000	3.743
2260	37:40	27.375	3.680	0.000	3.680
2280	38:00	27.274	3.616	0.000	3.616
2300	38:20	27.174	3.551	0.000	3.551
2320	38:40	27.075	3.486	0.000	3.486
2340	39:00	26.947	3.400	0.000	3.400
2360	39:20	26.753	3.265	0.000	3.265
2380	39:40	26.562	3.127	0.000	3.127
2400	40:00	26.376	2.987	0.000	2.987
2420	40:20	26.195	2.842	0.000	2.842
2440	40:40	26.020	2.696	0.000	2.696
2460	41:00	24.000	0.000	0.000	0.000
2480	41:20	24.000	0.000	0.000	0.000
2500	41:40	24.000	0.000	0.000	0.000
2520	42:00	24.000	0.000	0.000	0.000
2540	42:20	24.000	0.000	0.000	0.000

Ⅷ. グラフ

降雨波形

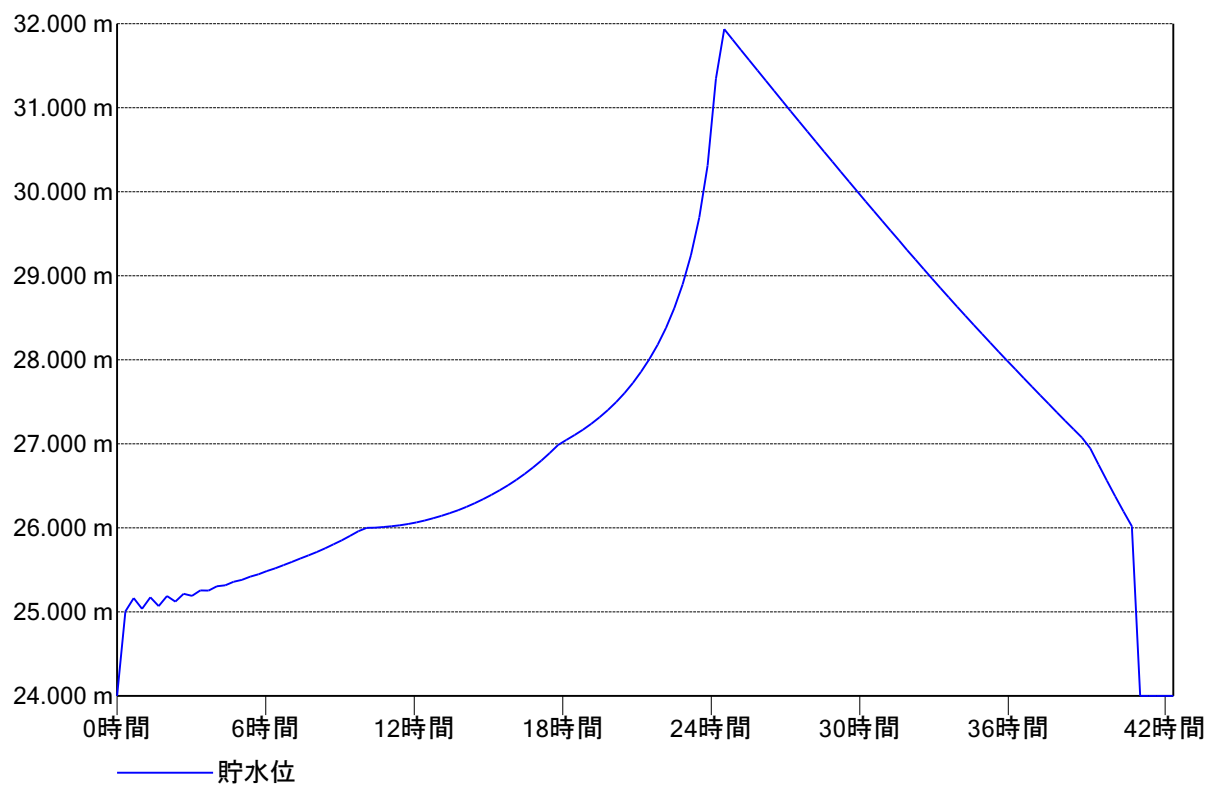


流入量と放流量



Ⅷ. グラフ

貯水位



貯留量

