



$$Q = 1.84 \times B \times h^{1.5} \times 60$$

(フランスの公式)

Q : 流量 (m<sup>3</sup>/min)  
 h : せきの越流水位 (m)  
 B : せきの幅 (m)

B(m)	2.000
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単位 : m<sup>3</sup>/min

h(m)	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.01	0.2208	0.2547	0.2902	0.3273	0.3658	0.4056	0.4469	0.4894	0.5332	0.5783
0.02	0.6245	0.6719	0.7205	0.7702	0.8209	0.8728	0.9257	0.9796	1.0345	1.0904
0.03	1.1473	1.2052	1.2639	1.3236	1.3843	1.4458	1.5082	1.5715	1.6356	1.7006
0.04	1.7664	1.8331	1.9005	1.9688	2.0379	2.1077	2.1784	2.2498	2.3220	2.3949
0.05	2.4686	2.5430	2.6182	2.6941	2.7707	2.8480	2.9260	3.0048	3.0842	3.1643
0.06	3.2451	3.3265	3.4087	3.4915	3.5749	3.6591	3.7438	3.8292	3.9153	4.0020
0.07	4.0893	4.1772	4.2658	4.3550	4.4447	4.5351	4.6261	4.7178	4.8100	4.9027
0.08	4.9961	5.0901	5.1847	5.2798	5.3755	5.4718	5.5686	5.6660	5.7640	5.8625
0.09	5.9616	6.0612	6.1614	6.2622	6.3634	6.4652	6.5676	6.6705	6.7739	6.8778
0.10	6.9823	7.0873	7.1928	7.2989	7.4054	7.5125	7.6201	7.7281	7.8367	7.9458
0.11	8.0554	8.1655	8.2761	8.3872	8.4988	8.6108	8.7234	8.8365	8.9500	9.0640
0.12	9.1785	9.2935	9.4089	9.5248	9.6412	9.7581	9.8754	9.9932	10.1115	10.2302
0.13	10.3494	10.4690	10.5891	10.7097	10.8307	10.9522	11.0741	11.1964	11.3193	11.4425
0.14	11.5662	11.6904	11.8149	11.9400	12.0654	12.1913	12.3177	12.4444	12.5716	12.6993
0.15	12.8273	12.9558	13.0847	13.2141	13.3438	13.4740	13.6046	13.7356	13.8671	13.9989
0.16	14.1312	14.2639	14.3970	14.5305	14.6644	14.7987	14.9335	15.0686	15.2042	15.3401
0.17	15.4765	15.6132	15.7504	15.8880	16.0259	16.1643	16.3030	16.4422	16.5817	16.7216
0.18	16.8620	17.0027	17.1438	17.2853	17.4271	17.5694	17.7120	17.8551	17.9985	18.1423
0.19	18.2865	18.4310	18.5759	18.7213	18.8669	19.0130	19.1595	19.3063	19.4535	19.6010
0.20	19.7490	19.8973	20.0459	20.1950	20.3444	20.4941	20.6443	20.7948	20.9457	21.0969
0.21	21.2485	21.4004	21.5528	21.7054	21.8585	22.0119	22.1656	22.3197	22.4742	22.6290
0.22	22.7842	22.9397	23.0956	23.2518	23.4084	23.5653	23.7226	23.8802	24.0382	24.1965
0.23	24.3552	24.5142	24.6735	24.8332	24.9933	25.1536	25.3144	25.4754	25.6368	25.7986
0.24	25.9607	26.1231	26.2859	26.4490	26.6124	26.7762	26.9403	27.1047	27.2695	27.4346
0.25	27.6000	27.7658	27.9319	28.0983	28.2650	28.4321	28.5995	28.7673	28.9353	29.1037
0.26	29.2725	29.4415	29.6109	29.7805	29.9506	30.1209	30.2916	30.4625	30.6338	30.8054
0.27	30.9774	31.1496	31.3222	31.4951	31.6683	31.8418	32.0157	32.1898	32.3643	32.5391
0.28	32.7142	32.8896	33.0653	33.2414	33.4177	33.5944	33.7713	33.9486	34.1262	34.3041
0.29	34.4823	34.6608	34.8396	35.0187	35.1982	35.3779	35.5579	35.7383	35.9189	36.0999
0.30	36.2811	36.4627	36.6446	36.8267	37.0092	37.1919	37.3750	37.5584	37.7420	37.9260

## 【 使用例 】

h=13.5cm=0.135m の場合には Q=10.9522m<sup>3</sup>/min となる。(下表を参照)

h(m)	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.10	6.9823	7.0873	7.1928	7.2989	7.4054	↓ ↓ ↓	7.6201	7.7281	7.8367	7.9458
0.11	8.0554	8.1655	8.2761	8.3872	8.4988		8.7234	8.8365	8.9500	9.0640
0.12	9.1785	9.2935	9.4089	9.5248	9.6412		9.8754	9.9932	10.1115	10.2302
0.13	→	→	→	→	→	10.9522	11.0741	11.1964	11.3193	11.4425
0.14	11.5662	11.6904	11.8149	11.9400	12.0654	12.1913	12.3177	12.4444	12.5716	12.6993
0.15	12.8273	12.9558	13.0847	13.2141	13.3438	13.4740	13.6046	13.7356	13.8671	13.9989