

# 阿蘇内牧黒川水温气温満一ヶ年観測表

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(1) 黒川水温毎月初一日毎時観測表(昭和18年)

7.8.9時、2測定値(午前)と1時、2測定値(午後)の観測値を示す。

日	1月	2月	3月	4月	5月	6月	7月	8月	9月	10月	11月	12月	平均
0	6.5	2.65	10.2	15.6	18.0	20.3	21.3	26.1	23.0	21.0	13.05	11.2	15.7
1	6.8	3.40	10.3	15.1	18.0	19.7	21.1	25.9	23.0	20.5	13.05	11.0	15.6
2	6.5	3.20	10.4	14.8	17.6	19.2	21.1	25.0	22.9	20.3	13.7	10.9	15.4
3	6.8	3.30	10.3	14.7	17.2	19.0	21.0	25.0	22.5	20.1	13.1	10.2	15.3
4	6.8	3.50	10.0	14.1	17.0	18.5	20.9	24.6	22.5	20.0	13.1	10.0	15.1
5	6.7	3.90	9.7	13.4	16.5	18.2	20.8	24.2	22.3	19.7	13.1	9.9	14.9
6	6.5	4.30	9.3	13.1	16.8	18.0	20.5	24.2	22.3	19.0	13.1	9.8	14.7
7	6.5	4.50	9.3	12.6	16.1	17.7	20.4	24.0	22.2	19.1	13.1	9.5	14.65
8	6.8	4.70	9.2	12.3	16.1	17.9	20.2	23.5	22.2	20.5	13.15	11.1	14.65
		4.50	7.7	11.0	16.1	18.0	19.0		23.0				
9	7.0	5.80	8.3	11.6	16.5	18.5	19.3	24.2	23.3	20.1	13.3	11.0	14.8
	5.5												
10	5.9	5.90	9.7	11.9	17.0	19.0	19.3	24.5	23.5	21.0	13.7	11.0	15.2
11	5.8	5.90	9.3	12.4	17.5	19.5	20.0	25.5	23.5	21.5	13.7	11.0	15.5
12	6.2	5.70	9.9	13.0	19.0	20.5	21.0	26.1	23.8	22.0	13.7	11.3	16.0
13	6.5	5.25	10.5	13.8	19.5	21.5	22.0	27.0	23.9	22.8	13.7	12.0	16.5
14	6.8	5.30	9.2	14.6	19.8	23.0	22.5	27.8	23.9	23.5	13.7	11.8	16.8
15	6.9	4.70	9.8	14.5	20.5	23.1	22.8	28.3	24.0	23.8	13.7	11.7	17.0
16	7.0	4.30	9.7	14.5	20.6	23.5	22.8	28.5	24.0	24.1	13.6	11.9	17.05
17	6.9	3.40	9.2	14.6	20.5	23.3	22.8	28.5	23.9	24.1	13.3	11.8	16.9
18	7.5	3.20	9.4	14.7	20.5	23.1	22.8	28.3	23.9	24.0	13.3	12.0	16.9
19	7.1	2.80	9.7	15.2	20.0	22.8	23.0	27.6	23.9	23.5	13.2	11.7	16.7
20	6.9	2.90	10.0	15.3	19.5	22.0	22.5	27.5	23.9	23.1	13.1	11.8	16.5
21	7.2	2.70	10.1	15.2	19.0	22.0	22.0	27.3	23.8	23.0	13.1	11.9	16.4
22	6.8	2.40	10.2	15.6	19.0	21.2	21.8	27.2	23.5	22.5	13.1	11.8	16.25
23	6.9	2.80	10.7	15.5	18.5	20.5	21.8	27.0	23.3	21.5	13.1	11.5	16.1
24	6.5	2.65	10.2	15.6	18.0	20.3	21.3	26.1	23.0	21.0	13.05	11.2	15.7
平均	6.69	4.01	9.73	14.0	18.3	20.5	21.4	26.1	23.3	21.7	13.29	11.2	15.7



阿蘇内牧黒川水温気温満一ヶ年観測表.

(4) 内牧気温毎日二回9時と15時観測表

年月日	1943・4		5		6		7		8		9		10		11		12		1944・1		2		3		
	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9	15	9
1	8.2	11.2	17.0	20.1	19.2	21.8	18.8	19.65	27.4	29.2	25.6	27.3	18.0	19.5	17.5	19.5	7.8	8.5	-0.1	2.6	1.9	4.9	13.6	11.2	
2	11.1	14.4	20.0	24.3	20.2	23.7	20.65	22.15	27.2	25.4	23.9	24.9	20.0	22.2	19.0	20.9	7.1	9.6	1.4	1.4	2.0	2.4	6.8	8.0	
3	11.7	12.5	20.4	21.2	20.4	21.2	21.55	23.85	27.0	28.2	24.4	26.5	18.5	17.0	21.0	22.0	6.1	7.1	-0.3	1.8	3.8	6.0	7.3	9.6	
4	11.0	9.5	19.4	22.0	15.0	17.3	20.85	23.05	27.0	24.4	25.4	25.9	17.5	13.5	19.0	23.0	5.2	6.1	0.0	-0.1	4.7	5.4	8.0	10.4	
5	9.0	11.6	19.0	16.6	18.0	19.5	21.55	22.45	27.2	23.2	27.4	23.9	18.5	21.0	20.0	27.0	4.1	5.3	-1.1	1.2	3.4	4.4	7.0	5.4	
6	8.7	8.0	17.2	20.7	16.2	13.5	22.75	—	28.4	27.3	24.5	25.6	19.5	20.6	16.6	21.5	3.0	7.1	0.2	1.4	5.4	8.4	6.6	11.2	
7	7.8	10.2	19.9	23.3	19.8	21.5	—	—	28.5	30.7	27.1	25.2	17.2	26.6	17.2	17.0	5.2	8.6	-0.1	2.1	-0.1	1.3	7.9	13.6	
8	2.5	4.7	13.4	24.8	20.5	22.2	—	—	28.0	30.0	25.9	24.4	19.5	26.5	15.0	17.0	6.2	7.1	0.1	2.4	-0.6	1.1	10.6	10.9	
9	5.6	9.0	20.0	25.0	20.9	22.2	—	—	27.4	29.5	27.1	27.9	20.0	20.0	20.5	19.8	3.6	5.5	-0.8	5.2	1.4	1.4	6.2	7.3	
10	9.4	12.9	20.1	25.3	20.3	19.0	22.45	27.45	28.2	30.4	26.1	25.4	18.0	20.2	15.8	15.2	2.8	8.6	1.8	6.1	2.4	3.6	7.1	11.1	
11	7.4	10.7	20.1	22.3	23.0	24.0	24.65	28.55	23.7	30.2	25.7	24.4	19.0	20.5	16.4	13.2	8.6	9.9	1.3	-2.6	1.8	3.7	4.1	12.9	
12	4.0	7.3	20.3	23.3	23.0	24.0	23.55	26.75	28.5	26.2	23.4	22.4	19.9	19.2	15.0	15.6	6.1	7.6	-4.4	-2.9	3.1	5.7	7.3	11.3	
13	6.1	8.2	17.0	19.1	20.4	21.4	24.05	27.45	28.2	32.1	25.9	27.7	20.0	20.8	15.5	18.0	3.9	8.1	0.4	3.0	2.9	6.2	8.3	12.4	
14	6.5	4.8	19.2	24.1	20.9	24.3	24.85	25.75	29.4	27.4	26.4	28.9	21.0	21.5	12.5	22.6	4.4	9.6	2.9	4.5	2.9	6.2	11.0	13.6	
15	7.5	11.5	16.1	16.2	23.0	28.1	24.75	24.55	30.0	32.5	26.7	24.6	20.0	23.0	18.0	19.9	5.7	12.0	2.0	3.6	4.0	4.0	12.7	14.8	
16	7.5	10.5	13.4	14.8	23.1	23.8	22.25	24.65	28.4	27.2	26.7	28.0	18.5	20.5	17.5	18.0	4.1	8.2	0.0	3.9	3.15	7.9	11.9	14.5	
17	9.3	11.9	13.1	18.8	20.2	22.6	24.65	25.75	28.7	30.0	25.6	29.1	19.5	23.0	17.0	20.0	6.1	11.1	2.5	1.9	4.8	8.1	10.6	15.1	
18	7.5	9.6	12.1	19.3	20.0	20.1	23.75	26.35	29.7	29.7	26.2	28.8	19.0	21.5	13.2	11.8	6.1	10.2	5.1	2.4	5.7	5.2	12.9	17.1	
19	11.6	12.6	13.0	15.3	20.9	25.0	23.75	—	28.1	27.4	24.6	22.5	18.0	19.8	20.0	20.7	3.3	5.1	5.1	3.7	3.9	5.1	13.0	18.1	
20	8.8	14.5	12.4	18.2	20.9	24.0	—	—	27.7	28.4	22.1	23.5	17.5	19.8	20.0	—	6.1	8.0	5.2	3.9	2.2	-1.0	9.0	10.0	
21	9.5	16.3	9.1	20.0	22.0	23.2	24.55	25.45	28.4	29.5	23.4	25.2	18.0	19.5	19.9	21.3	4.1	8.9	6.2	5.6	1.0	5.4	10.1	14.95	
22	10.5	16.8	19.9	25.4	20.5	24.8	21.05	20.75	30.7	29.5	25.6	29.2	18.0	19.5	18.2	21.8	3.1	12.0	4.8	3.9	3.0	6.9	9.4	14.0	
23	8.8	15.7	19.3	19.6	20.5	23.5	21.65	22.45	30.7	30.5	24.4	27.9	17.5	21.0	14.5	22.3	4.6	6.9	0.7	4.7	4.4	5.9	10.9	13.4	
24	7.4	14.7	21.1	20.9	23.9	25.8	22.75	24.95	30.2	28.5	23.9	27.7	17.0	20.5	19.0	22.8	7.1	8.8	-0.2	3.7	0.9	4.4	6.1	7.5	
25	9.5	18.6	16.4	17.4	21.5	22.1	26.55	28.55	31.4	28.4	25.7	26.6	18.0	20.5	16.3	16.5	2.9	7.5	-0.2	4.4	2.1	5.4	8.0	11.0	
26	17.3	17.5	20.4	24.9	21.1	23.6	—	—	30.7	28.4	24.7	26.4	17.8	19.9	17.0	20.0	2.9	5.0	0.9	5.5	4.9	8.1	12.2	16.6	
27	12.4	10.9	14.6	14.5	20.5	20.9	23.05	22.85	—	—	25.4	26.2	13.5	20.1	16.0	15.2	3.6	4.4	1.2	3.8	2.9	10.5	8.1	13.2	
28	11.6	12.2	15.9	17.1	24.0	26.2	—	—	29.5	31.4	24.3	26.6	17.0	20.9	15.5	17.5	1.6	4.4	0.8	3.0	9.7	12.0	11.0	9.4	
29	10.3	12.8	17.0	19.6	25.8	25.0	—	—	30.2	32.2	24.4	24.6	18.0	20.6	17.8	20.4	6.6	10.0	0.8	3.8	—	—	8.2	10.9	
30	15.7	17.8	18.9	20.0	24.5	25.7	—	—	26.55	31.3	31.0	25.6	27.2	16.0	20.6	18.2	20.3	4.2	8.3	0.9	2.9	—	—	4.1	6.1
31	—	—	15.6	16.6	—	—	—	—	25.35	27.85	27.4	31.2	—	—	18.0	18.5	—	—	5.6	7.6	-1.2	1.5	—	—	—
平均	10.56	—	18.79	—	22.01	—	—	—	23.94	—	27.04	—	26.31	—	19.30	—	18.32	—	6.44	—	2.02	—	4.19	—	10.51