

2017年 01月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C								湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature											Wind Velocity	平均	最大
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	Mean	Max.		
01	1	3.4	12.2	-1.5	4.3	6.3	6.9	7.6	8.9	11.4	13.9	79.4	0.0	10.7	0.4	5.0	SSE	
01	2	4.2	12.5	-1.4	5.0	6.5	7.0	7.6	8.8	11.2	13.8	82.3	0.0	10.4	0.2	4.3	S	
01	3	5.0	12.0	-1.3	6.4	7.5	7.8	8.1	8.9	11.1	13.7	83.1	0.0	7.1	0.3	4.0	S	
01	4	4.0	11.3	-1.9	4.8	6.8	7.4	7.9	9.0	11.0	13.6	75.3	0.0	8.2	0.6	5.5	S	
01	5	3.4	8.9	0.4	3.6	6.4	7.1	7.7	8.8	11.0	13.5	52.6	0.0	10.2	1.4	6.7	S	
01	6	1.2	7.9	-3.3	2.4	5.6	6.5	7.3	8.6	10.9	13.5	65.6	0.0	7.7	0.4	4.1	SSW	
01	7	1.6	12.4	-3.7	3.1	5.3	6.1	6.8	8.2	10.8	13.4	78.3	0.0	11.6	0.2	2.8	S	
01	8	2.9	6.7	-1.5	2.9	5.3	6.1	6.8	8.1	10.6	13.3	86.6	19.5	1.3	0.2	3.8	SE	
01	9	5.5	12.5	0.0	6.7	6.6	6.7	7.0	8.0	10.5	13.2	82.5	0.0	10.1	0.7	4.9	S	
01	10	3.9	11.2	-1.6	5.3	6.5	6.9	7.3	8.2	10.4	13.1	81.4	0.0	10.2	0.4	4.6	S	
01	11	2.0	7.1	-1.9	4.2	6.3	6.8	7.3	8.2	10.3	13.0	84.8	0.0	7.8	0.5	6.1	S	
01	12	1.9	4.2	-1.3	3.1	5.6	6.4	7.0	8.1	10.2	12.9	81.4	0.0	2.9	0.6	5.8	SSW	
01	13	1.5	7.2	-2.1	3.3	5.3	6.1	6.7	7.9	10.2	12.8	83.6	0.5	6.2	0.8	6.6	SW	
01	14	-1.8	0.8	-4.8	1.4	4.4	5.4	6.3	7.7	10.1	12.7	94.5	0.0	1.0	0.9	5.2	S	
01	15	-3.0	1.7	-5.9	1.2	3.8	4.8	5.7	7.3	9.9	12.7	92.1	0.0	1.4	0.5	5.0	S	
01	16	-0.4	4.0	-3.2	2.5	4.1	4.7	5.5	7.0	9.8	12.6	88.0	4.5	6.3	0.4	5.5	SSW	
01	17	0.1	6.0	-4.5	1.7	4.0	4.8	5.5	6.9	9.6	12.5	82.5	0.5	7.6	0.4	5.2	S	
01	18	0.5	8.4	-4.9	2.4	4.0	4.7	5.3	6.7	9.5	12.4	76.5	0.0	12.3	0.2	3.1	S	
01	19	2.5	9.5	-3.1	4.3	5.1	5.4	5.7	6.8	9.3	12.3	71.8	0.0	10.7	0.6	4.7	S	
01	20	1.2	7.2	-2.6	2.5	4.7	5.3	5.9	6.9	9.2	12.2	81.9	0.0	5.8	0.2	4.3	ESE	
01	21	1.3	6.9	-2.2	3.2	5.0	5.5	5.9	6.9	9.2	12.1	82.5	2.5	11.0	0.5	5.2	S	
01	22	1.2	8.6	-3.8	2.8	4.6	5.2	5.8	6.9	9.2	12.0	76.5	0.0	8.1	0.4	5.1	SSW	
01	23	-0.4	4.5	-3.9	2.9	4.6	5.2	5.8	6.8	9.1	11.9	74.4	0.0	9.3	0.9	6.2	S	
01	24	-2.1	4.5	-7.1	1.3	3.7	4.6	5.3	6.7	9.0	11.8	78.6	0.0	11.9	0.5	5.8	S	
01	25	-1.5	6.6	-6.9	1.4	3.5	4.2	5.0	6.4	8.9	11.8	72.5	0.0	13.4	0.4	5.5	SSE	
01	26	-0.9	8.5	-6.3	1.7	3.6	4.2	4.9	6.2	8.8	11.7	75.5	0.0	14.4	0.3	4.6	S	
01	27	2.7	12.5	-3.9	2.6	3.9	4.4	4.9	6.1	8.7	11.6	79.2	0.0	7.5	0.2	3.1	ESE	
01	28	2.6	11.6	-2.2	3.9	4.8	5.1	5.4	6.3	8.6	11.5	74.9	0.0	13.9	0.4	4.0	SSE	
01	29	4.7	13.6	-2.5	5.0	5.2	5.4	5.7	6.5	8.6	11.4	73.3	3.5	9.3	0.1	2.7	S	
01	30	6.1	9.5	1.8	6.2	6.4	6.4	6.4	6.8	8.6	11.4	87.3	2.0	3.7	0.7	5.8	S	
01	31	1.2	7.4	-3.2	3.7	5.7	6.1	6.4	7.1	8.6	11.3	59.3	0.0	14.3	1.1	5.8	S	
計	Total												33.0					
平均	Mean	1.8	8.3	-2.9	3.4	5.2	5.8	6.3	7.5	9.8	12.6	78.7	1.1	8.6	0.5	4.9		
最大	Max.	6.1	13.6	1.8	6.7	7.5	7.8	8.1	9.0	11.4	13.9	94.5	19.5	14.4	1.4	6.7		
最低	Min.	-3.0	0.8	-7.1	1.2	3.5	4.2	4.9	6.1	8.6	11.3	52.6	0.0	1.0	0.1	2.7		

2017年 02月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C								湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature											Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向	
		Mean	Max.	Min.											Mean	Max.	Dir.	
02	1	0.4	7.9	-5.3	2.7	4.7	5.3	5.9	6.9	8.7	11.2	80.7	0.0	9.8	0.4	3.8	S	
02	2	1.5	7.0	-2.4	3.1	4.6	5.1	5.6	6.7	8.7	11.2	61.2	0.0	12.6	0.9	6.5	SSE	
02	3	2.7	11.0	-3.2	4.1	5.1	5.4	5.7	6.6	8.6	11.1	65.9	0.0	14.6	0.7	6.7	SSE	
02	4	3.7	12.1	-2.1	4.2	5.4	5.6	5.9	6.7	8.5	11.1	61.1	0.0	14.9	0.8	5.1	S	
02	5	3.0	6.7	-1.7	3.4	5.0	5.5	6.0	6.8	8.5	11.0	94.4	14.0	1.6	0.2	3.0	E	
02	6	3.9	9.1	-0.5	5.0	5.8	6.0	6.1	6.8	8.5	11.0	84.0	0.5	6.0	0.9	5.8	S	
02	7	0.7	6.0	-2.0	2.5	4.8	5.4	5.9	6.8	8.5	10.9	65.9	0.0	10.9	1.2	7.5	SSE	
02	8	1.7	7.8	-2.4	3.5	4.6	5.0	5.5	6.6	8.5	10.9	61.3	0.0	14.2	0.8	5.4	S	
02	9	0.6	2.6	-0.6	2.7	4.7	5.2	5.7	6.5	8.4	10.8	90.4	3.0	2.7	0.0	1.9	S	
02	10	0.9	6.5	-2.3	4.3	5.0	5.2	5.6	6.5	8.3	10.8	80.6	1.5	13.4	0.5	5.2	S	
02	11	-1.2	2.6	-3.0	1.1	4.1	4.9	5.5	6.5	8.3	10.7	89.0	3.0	2.7	0.4	3.5	S	
02	12	-0.3	5.6	-5.5	3.0	4.0	4.6	5.1	6.2	8.2	10.7	82.6	0.5	11.1	0.5	4.7	S	
02	13	0.1	8.3	-5.4	2.9	4.1	4.6	5.1	6.1	8.2	10.6	72.7	0.0	14.8	0.5	5.1	S	
02	14	0.0	7.2	-5.5	2.9	4.2	4.7	5.1	6.1	8.1	10.6	78.1	0.0	13.3	0.5	5.0	S	
02	15	1.0	9.2	-4.8	3.1	4.4	4.8	5.1	6.0	8.0	10.5	70.6	0.0	15.8	0.6	5.2	S	
02	16	3.0	12.9	-3.9	4.6	5.0	5.1	5.3	6.1	8.0	10.5	73.3	0.0	16.3	0.2	4.0	S	
02	17	5.7	10.4	0.5	5.1	5.5	5.7	5.9	6.4	7.9	10.4	91.8	1.5	1.7	0.2	4.5	ESE	
02	18	4.6	10.2	-0.8	6.0	6.2	6.2	6.2	6.6	8.0	10.3	72.0	0.0	11.4	0.5	4.7	S	
02	19	2.4	9.4	-1.9	5.2	6.2	6.3	6.4	6.8	8.0	10.3	59.7	0.0	16.9	0.9	5.7	S	
02	20	5.4	11.9	0.3	5.4	6.1	6.3	6.5	6.9	8.1	10.2	82.7	10.0	2.3	0.8	7.6	ESE	
02	21	1.3	6.5	-2.5	4.9	6.0	6.2	6.4	7.0	8.2	10.2	63.3	0.0	17.4	1.4	7.6	SSE	
02	22	3.6	12.0	-4.8	5.9	5.7	5.9	6.2	6.9	8.2	10.2	67.6	2.0	14.4	0.4	3.8	SSE	
02	23	9.1	13.3	3.8	9.0	7.8	7.4	7.1	7.1	8.2	10.2	83.6	40.5	5.2	1.2	7.4	ESE	
02	24	3.2	9.0	-2.0	5.9	7.3	7.4	7.4	7.6	8.2	10.1	52.6	0.0	17.8	1.2	5.2	S	
02	25	2.0	10.2	-3.8	5.7	6.6	6.8	7.0	7.5	8.3	10.1	69.2	0.0	18.4	0.5	5.4	S	
02	26	3.5	11.7	-2.7	6.2	6.7	6.8	7.0	7.4	8.3	10.0	72.5	0.0	15.9	0.5	4.8	SSW	
02	27	3.4	11.7	-2.3	6.8	7.1	7.0	7.1	7.4	8.4	10.0	65.5	0.0	18.7	0.5	4.5	SSW	
02	28	2.7	11.7	-2.3	6.9	7.2	7.2	7.3	7.6	8.4	10.0	73.1	0.0	14.9	0.3	4.5	SSW	
計	Total												76.5					
平均	Mean	2.5	8.9	-2.5	4.5	5.5	5.8	6.1	6.7	8.3	10.6	73.8	2.7	11.8	0.6	5.1		
最大	Max.	9.1	13.3	3.8	9.0	7.8	7.4	7.4	7.6	8.7	11.2	94.4	40.5	18.7	1.4	7.6		
最低	Min.	-1.2	2.6	-5.5	1.1	4.0	4.6	5.1	6.0	7.9	10.0	52.6	0.0	1.6	0.0	1.9		

2017年 3月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C								湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature											Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向	
		Mean	Max.	Min.											Mean	Max.	Dir.	
03	1	3.8	13.0	-2.8	6.2	6.7	7.0	7.2	7.6	8.4	10.0	82.2	4.5	10.9	0.3	4.0	ESE	
03	2	4.6	8.4	2.3	6.2	6.9	7.1	7.2	7.6	8.5	10.0	96.0	9.0	3.3	0.1	2.8	SSE	
03	3	4.5	10.4	-2.0	7.4	7.3	7.2	7.2	7.6	8.5	10.0	70.4	0.0	19.0	0.9	7.1	S	
03	4	4.1	14.4	-3.0	7.2	7.2	7.2	7.3	7.7	8.5	10.0	67.6	0.0	17.8	0.3	5.2	S	
03	5	6.7	16.1	-1.2	8.4	7.7	7.6	7.6	7.8	8.5	10.0	68.3	0.0	15.4	0.2	3.7	S	
03	6	7.1	10.7	0.6	7.5	8.1	8.1	8.0	8.1	8.6	10.0	76.6	0.0	4.3	0.3	4.3	SSE	
03	7	1.5	8.9	-2.2	6.0	7.1	7.4	7.7	8.1	8.7	10.0	80.4	0.0	12.6	0.7	7.0	SSW	
03	8	1.2	8.0	-3.1	6.3	6.8	7.1	7.3	7.9	8.7	10.0	80.2	0.0	13.6	0.6	5.5	S	
03	9	1.8	9.7	-4.0	5.4	6.4	6.7	7.1	7.7	8.7	10.0	75.1	0.0	15.5	0.5	5.7	S	
03	10	2.6	10.3	-2.5	5.9	6.5	6.8	7.0	7.6	8.7	10.0	74.7	0.0	13.1	0.7	7.0	S	
03	11	3.1	11.5	-3.5	7.1	6.8	6.9	7.0	7.5	8.6	10.0	62.4	0.0	21.4	0.8	7.0	S	
03	12	4.2	13.2	-3.4	7.6	7.3	7.3	7.3	7.7	8.6	10.0	73.8	0.0	16.5	0.4	5.3	S	
03	13	6.3	13.7	1.5	8.7	7.9	7.8	7.7	7.9	8.6	10.0	83.0	0.0	11.0	0.3	4.0	SSE	
03	14	7.0	13.5	1.7	10.0	8.7	8.4	8.2	8.2	8.7	10.0	62.7	0.0	16.1	1.0	6.4	SSW	
03	15	4.3	10.4	-1.3	8.0	8.2	8.2	8.3	8.4	8.8	10.0	70.9	0.0	17.5	1.1	7.0	S	
03	16	5.2	13.0	-2.3	9.1	8.4	8.3	8.2	8.4	8.8	10.0	58.7	0.0	21.8	1.0	6.5	S	
03	17	4.5	14.1	-3.1	9.3	8.6	8.5	8.4	8.5	8.9	10.0	59.2	0.0	22.4	0.8	6.2	S	
03	18	5.4	14.6	-2.6	8.8	8.5	8.5	8.5	8.6	9.0	10.0	61.1	0.0	16.1	0.5	4.3	S	
03	19	7.2	16.6	-1.0	10.1	8.9	8.7	8.6	8.6	9.0	10.0	58.1	0.0	19.4	0.8	6.0	SSE	
03	20	8.6	17.6	-1.2	11.6	9.5	9.2	8.9	8.8	9.1	10.0	59.1	0.0	19.0	0.6	4.5	ESE	
03	21	6.6	9.8	3.2	8.8	9.6	9.5	9.4	9.2	9.1	10.0	93.3	37.5	4.4	0.4	4.4	SE	
03	22	5.3	12.9	-1.3	9.4	9.0	8.9	8.9	9.1	9.3	10.1	61.6	0.0	22.1	1.0	7.7	SSE	
03	23	5.0	13.0	-1.6	9.0	8.8	8.8	8.9	9.1	9.3	10.1	65.8	0.0	15.1	0.5	4.4	S	
03	24	3.9	11.4	-1.9	9.0	9.0	9.0	8.9	9.1	9.3	10.1	60.5	0.0	20.4	0.8	6.3	S	
03	25	4.7	12.8	-1.4	8.2	8.3	8.5	8.7	9.0	9.4	10.1	65.5	0.0	13.2	0.3	4.3	SSW	
03	26	5.7	8.3	3.6	8.1	8.5	8.6	8.7	9.0	9.4	10.1	94.4	29.5	4.2	0.2	3.1	S	
03	27	6.1	12.7	-0.3	9.1	8.6	8.5	8.6	8.8	9.4	10.2	72.1	7.5	17.5	0.9	7.0	S	
03	28	5.4	13.8	-2.1	9.7	8.8	8.7	8.7	8.9	9.3	10.2	66.8	0.0	21.3	0.6	5.0	SSW	
03	29	5.9	15.0	-1.4	11.0	9.5	9.2	9.0	9.0	9.3	10.2	66.6	0.0	21.0	0.4	5.3	SSW	
03	30	9.7	18.3	1.6	12.3	10.3	9.9	9.6	9.3	9.4	10.2	65.5	0.0	16.9	0.4	5.2	S	
03	31	5.6	9.9	2.0	7.5	9.4	9.7	9.8	9.7	9.5	10.2	84.4	12.0	3.1	0.1	4.2	ESE	
計	Total												100.0					
平均	Mean	5.1	12.4	-1.1	8.3	8.2	8.2	8.2	8.4	8.9	10.0	71.5	3.2	15.0	0.6	5.4		
最大	Max.	9.7	18.3	3.6	12.3	10.3	9.9	9.8	9.7	9.5	10.2	96.0	37.5	22.4	1.1	7.7		
最低	Min.	1.2	8.0	-4.0	5.4	6.4	6.7	7.0	7.5	8.4	10.0	58.1	0.0	3.1	0.1	2.8		

2017年 04月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
04	1	5.2	8.1	3.7	8.1	8.6	8.8	9.1	9.4	9.6	10.2	93.9	4.5	5.3	0.0	2.2	SSE
04	2	6.8	16.0	-0.3	12.1	9.8	9.3	9.1	9.3	9.7	10.3	73.2	0.0	23.9	0.3	3.7	SW
04	3	7.4	16.0	-1.7	12.2	10.5	10.1	9.8	9.6	9.7	10.3	61.5	0.0	23.3	0.8	5.6	S
04	4	9.2	19.6	0.8	14.2	11.4	10.8	10.3	9.9	9.8	10.3	63.7	0.0	24.0	0.5	4.2	SSE
04	5	10.3	18.7	2.3	14.1	11.9	11.4	11.0	10.4	9.9	10.3	75.1	0.0	17.6	0.4	4.9	SE
04	6	12.0	18.6	6.8	13.5	12.0	11.6	11.3	10.7	10.1	10.4	87.2	21.0	8.5	0.8	6.4	NE
04	7	14.8	17.0	13.3	15.3	13.0	12.4	11.9	11.2	10.3	10.4	94.4	51.0	4.1	0.4	7.6	NE
04	8	16.1	18.3	14.5	16.5	14.0	13.3	12.7	11.8	10.6	10.4	95.8	21.5	3.7	0.3	4.1	NE
04	9	14.3	18.8	9.0	16.6	14.9	14.1	13.5	12.5	10.9	10.5	82.9	19.5	11.1	0.7	5.1	S
04	10	10.3	15.6	6.6	13.4	13.5	13.5	13.3	12.8	11.3	10.6	80.5	0.0	8.4	0.2	3.1	SSW
04	11	8.7	10.4	7.5	11.0	12.1	12.3	12.5	12.5	11.5	10.7	93.2	27.5	3.1	0.2	4.1	S
04	12	11.6	17.7	4.9	15.0	12.9	12.4	12.2	12.1	11.6	10.8	64.1	0.0	22.8	1.1	7.1	S
04	13	8.2	18.0	-0.5	13.9	12.9	12.6	12.5	12.2	11.6	10.9	59.4	0.0	24.0	0.6	4.9	S
04	14	11.6	22.2	2.2	15.9	13.5	12.9	12.6	12.3	11.6	11.0	63.0	0.0	23.7	0.3	4.6	SSW
04	15	12.1	20.2	6.3	14.8	13.8	13.4	13.1	12.5	11.7	11.1	82.4	3.5	13.2	0.2	4.0	SSE
04	16	15.0	25.1	7.4	18.0	14.8	13.9	13.3	12.7	11.8	11.1	73.1	0.0	22.9	0.3	3.8	SSW
04	17	14.3	23.7	9.7	15.0	14.7	14.4	14.0	13.2	11.9	11.2	86.9	70.5	7.4	1.1	8.4	NE
04	18	15.5	20.2	7.2	19.4	16.1	15.1	14.5	13.7	12.3	11.3	73.2	18.0	23.8	1.2	7.7	SSE
04	19	11.3	17.7	7.0	16.0	15.4	15.1	14.8	14.1	12.6	11.4	67.8	0.5	20.3	1.0	9.8	S
04	20	12.3	19.5	5.4	15.3	14.4	14.3	14.2	13.9	12.7	11.5	56.8	0.0	18.2	0.5	4.1	S
04	21	12.0	18.7	7.6	14.8	14.4	14.2	14.1	13.8	12.8	11.6	76.7	0.0	9.0	0.1	3.2	S
04	22	12.4	20.6	6.3	16.4	14.6	14.2	13.9	13.6	12.8	11.7	57.0	0.0	21.3	0.7	5.8	SSW
04	23	12.0	21.3	2.9	17.7	15.1	14.6	14.1	13.7	12.8	11.8	53.2	0.0	27.3	0.6	4.5	S
04	24	12.4	20.2	6.6	16.5	15.2	14.9	14.5	13.9	12.9	11.9	72.9	0.0	15.1	0.5	4.7	ESE
04	25	13.7	20.8	7.8	18.2	15.5	14.9	14.5	14.0	12.9	11.9	68.9	0.0	19.1	0.5	4.3	S
04	26	12.8	15.9	8.7	15.1	15.0	14.8	14.6	14.1	13.0	12.0	86.8	11.5	5.3	0.4	5.6	NE
04	27	12.7	19.8	6.1	16.0	14.9	14.5	14.3	14.0	13.1	12.1	58.3	0.5	17.9	0.8	5.2	S
04	28	11.0	20.1	2.0	16.7	14.9	14.5	14.2	14.0	13.1	12.1	61.2	0.0	27.2	0.5	4.9	S
04	29	10.7	22.5	4.9	15.1	14.9	14.6	14.5	14.1	13.2	12.2	74.9	4.5	17.7	0.3	5.5	SSE
04	30	13.4	25.1	3.5	17.7	15.0	14.5	14.2	13.9	13.2	12.3	70.7	0.0	26.1	0.2	3.9	WSW
計	Total												254.0				
平均	Mean	11.7	18.9	5.6	15.2	13.7	13.2	12.9	12.5	11.7	11.1	73.6	8.5	16.5	0.5	5.1	
最大	Max.	16.1	25.1	14.5	19.4	16.1	15.1	14.8	14.1	13.2	12.3	95.8	70.5	27.3	1.2	9.8	
最低	Min.	5.2	8.1	-1.7	8.1	8.6	8.8	9.1	9.3	9.6	10.2	53.2	0.0	3.1	0.0	2.2	

2017年 05月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
05	1	14.0	23.3	6.1	16.3	15.6	15.2	14.8	14.2	13.2	12.3	72.0	0.0	13.6	0.3	4.4	SSE
05	2	12.9	22.6	3.5	18.1	15.5	15.0	14.6	14.2	13.3	12.4	65.4	0.0	26.4	0.5	4.9	SSE
05	3	14.7	21.8	8.9	18.7	16.3	15.7	15.2	14.5	13.4	12.4	68.9	0.0	17.6	0.3	5.3	SSW
05	4	15.7	23.2	9.0	20.3	16.7	16.0	15.5	14.7	13.5	12.5	69.3	0.0	21.0	0.5	4.7	E
05	5	17.4	26.8	9.1	23.2	18.1	17.0	16.1	15.1	13.6	12.5	70.2	0.0	27.0	0.3	4.0	SSW
05	6	17.4	23.9	11.9	20.1	18.1	17.5	16.8	15.7	13.8	12.6	82.3	0.0	9.5	0.1	3.3	SSW
05	7	15.8	23.0	8.7	20.2	17.7	17.1	16.6	15.8	14.0	12.7	57.2	0.0	22.0	0.7	5.1	SE
05	8	17.0	26.9	7.5	22.2	17.9	17.2	16.6	15.8	14.2	12.8	48.9	0.0	26.9	0.5	4.3	SSE
05	9	16.0	23.0	9.8	19.2	17.7	17.3	16.9	16.1	14.3	12.8	66.4	2.5	10.7	0.1	4.0	SSE
05	10	14.8	18.3	12.2	17.5	16.9	16.7	16.5	16.0	14.5	12.9	92.1	14.0	6.1	0.0	2.5	SW
05	11	16.8	23.4	12.0	20.6	17.7	16.9	16.5	15.9	14.6	13.0	81.6	0.5	19.5	0.3	5.2	SSE
05	12	18.3	27.8	11.5	21.0	18.5	17.7	17.1	16.2	14.7	13.1	78.4	0.0	18.9	0.2	4.3	ESE
05	13	15.2	18.5	13.0	17.7	17.8	17.5	17.3	16.5	14.8	13.2	93.4	15.0	3.3	0.1	4.0	E
05	14	17.5	25.2	11.6	20.8	18.0	17.3	16.9	16.4	14.9	13.3	81.8	0.0	20.3	0.4	4.3	SE
05	15	17.6	23.9	11.7	21.3	18.9	18.1	17.5	16.7	15.0	13.4	79.9	0.0	16.8	0.3	6.2	NE
05	16	14.9	21.0	8.9	18.7	18.1	17.8	17.5	16.9	15.2	13.5	70.4	0.0	16.6	0.2	3.6	SSE
05	17	15.3	22.7	9.0	19.1	17.7	17.4	17.2	16.7	15.3	13.5	73.5	0.0	17.5	0.1	3.8	S
05	18	17.3	26.4	10.7	22.2	18.6	17.8	17.3	16.7	15.4	13.6	68.9	0.0	27.4	0.3	4.6	SSE
05	19	17.9	28.4	9.2	23.1	19.4	18.6	17.9	17.0	15.4	13.7	66.5	0.0	28.1	0.3	4.0	SSE
05	20	19.5	30.6	9.3	24.4	20.0	19.1	18.3	17.3	15.5	13.8	64.0	0.0	27.1	0.2	3.6	SSE
05	21	21.1	31.1	12.6	25.0	20.7	19.7	18.9	17.7	15.7	13.9	62.6	0.0	24.0	0.3	3.6	SSE
05	22	20.2	28.5	14.1	25.8	21.1	20.1	19.3	18.1	15.9	14.0	66.6	0.0	26.6	0.6	5.1	E
05	23	19.0	26.8	12.6	26.0	21.3	20.4	19.6	18.4	16.1	14.1	72.0	0.0	28.3	0.5	5.2	SSW
05	24	18.3	23.9	13.0	22.2	20.5	20.1	19.6	18.6	16.3	14.2	81.5	0.5	10.9	0.0	2.4	ESE
05	25	17.4	20.1	16.2	20.2	19.7	19.4	19.1	18.5	16.5	14.3	94.0	7.5	6.0	0.1	3.8	E
05	26	17.4	22.8	13.3	19.8	19.2	18.9	18.7	18.3	16.6	14.4	93.9	21.0	5.9	0.1	3.7	ESE
05	27	15.5	23.4	9.0	20.3	19.2	18.8	18.6	18.1	16.7	14.5	72.6	0.0	27.2	0.6	5.5	SE
05	28	16.1	25.3	8.0	21.6	19.4	18.9	18.6	18.1	16.7	14.6	71.6	0.0	29.1	0.4	4.9	SE
05	29	18.5	28.0	9.5	22.8	20.0	19.3	18.9	18.2	16.7	14.7	66.3	0.0	26.0	0.2	3.7	SW
05	30	20.6	31.9	11.5	24.4	20.7	19.9	19.3	18.4	16.8	14.8	70.9	0.0	24.8	0.2	3.5	SSE
05	31	20.7	26.9	15.6	24.3	21.2	20.5	19.8	18.8	16.9	14.9	79.1	0.0	17.4	0.4	5.4	E
計	Total												61.0				
平均	Mean	17.1	24.8	10.6	21.2	18.6	18.0	17.5	16.8	15.1	13.5	73.6	2.0	19.4	0.3	4.3	
最大	Max.	21.1	31.9	16.2	26.0	21.3	20.5	19.8	18.8	16.9	14.9	94.0	21.0	29.1	0.7	6.2	
最低	Min.	12.9	18.3	3.5	16.3	15.5	15.0	14.6	14.2	13.2	12.3	48.9	0.0	3.3	0.0	2.4	

2017年 06月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
06	1	20.5	28.0	15.4	24.5	21.7	20.8	20.1	19.1	17.0	15.0	80.6	14.5	20.9	0.2	4.9	NE
06	2	16.8	22.3	9.6	21.4	21.0	20.6	20.2	19.4	17.2	15.1	69.5	7.0	24.7	0.9	7.1	ESE
06	3	15.6	23.2	7.8	21.0	20.1	19.8	19.7	19.2	17.4	15.2	62.3	0.0	26.3	0.8	5.2	ESE
06	4	16.4	25.4	7.6	22.7	20.5	20.0	19.6	19.0	17.5	15.3	58.9	0.0	28.8	0.5	5.5	SSE
06	5	16.5	26.2	7.3	23.4	20.7	20.2	19.7	19.1	17.5	15.4	61.9	0.0	28.7	0.4	4.0	SE
06	6	17.2	25.1	10.5	22.5	20.6	20.2	19.8	19.2	17.5	15.4	76.2	0.0	19.1	0.3	3.7	ESE
06	7	16.5	20.0	14.4	19.6	19.8	19.8	19.6	19.1	17.6	15.5	89.2	6.5	6.4	0.5	4.9	NE
06	8	17.0	21.8	13.9	19.6	19.2	19.0	19.0	18.8	17.6	15.6	93.2	9.0	8.0	0.1	2.9	E
06	9	19.4	28.6	11.7	23.5	20.3	19.6	19.1	18.7	17.6	15.7	75.3	0.0	26.6	0.2	4.0	SSE
06	10	19.7	28.2	12.3	23.7	21.2	20.6	20.0	19.1	17.6	15.7	68.6	0.0	22.2	0.3	4.0	SSE
06	11	18.4	26.7	12.3	22.7	21.2	20.6	20.2	19.3	17.7	15.8	62.4	0.0	19.4	0.2	3.8	S
06	12	17.9	25.5	10.6	23.5	21.1	20.5	20.1	19.4	17.8	15.8	55.9	0.0	27.7	0.7	4.9	SSE
06	13	16.7	25.4	8.7	24.7	21.5	20.8	20.2	19.5	17.8	15.9	68.1	0.0	27.7	0.3	4.6	S
06	14	17.6	27.3	9.4	25.6	21.9	21.2	20.5	19.6	17.9	15.9	65.0	0.0	29.3	0.3	3.6	SSW
06	15	19.0	29.5	9.4	26.3	22.2	21.4	20.8	19.8	18.0	16.0	63.7	0.0	28.4	0.3	4.4	S
06	16	19.1	27.5	11.7	26.9	22.7	21.9	21.1	20.1	18.1	16.1	64.3	0.0	28.6	0.6	6.0	ESE
06	17	18.6	27.5	9.7	25.7	22.3	21.8	21.2	20.3	18.2	16.1	72.7	0.0	23.2	0.3	3.7	SW
06	18	18.2	23.9	14.1	22.2	21.7	21.4	21.1	20.3	18.4	16.2	85.1	0.0	8.1	0.0	1.6	S
06	19	21.4	31.9	12.5	27.3	22.1	21.3	20.7	20.1	18.5	16.3	64.2	0.0	28.5	0.3	4.5	SE
06	20	21.5	29.9	13.9	26.5	22.8	22.1	21.5	20.4	18.5	16.4	70.3	0.0	20.3	0.5	4.6	ENE
06	21	19.2	22.6	16.2	20.7	20.9	20.8	20.6	20.3	19.0	16.6	91.4	58.0	4.6	1.0	7.6	NE
06	22	19.4	27.3	14.8	22.6	21.0	20.5	20.2	19.9	19.2	16.8	82.2	0.0	17.9	0.1	2.7	SE
06	23	21.3	29.9	14.5	25.8	22.3	21.5	20.9	20.2	19.0	16.8	77.1	0.0	27.4	0.3	5.1	SSW
06	24	21.4	27.7	15.9	25.9	23.1	22.4	21.7	20.7	19.0	16.9	81.1	0.0	20.5	0.2	3.6	SSE
06	25	20.3	22.5	18.1	23.0	22.6	22.2	21.9	21.0	19.1	16.9	93.7	17.5	5.5	0.1	2.0	ENE
06	26	21.7	28.1	18.4	25.3	22.8	22.1	21.7	21.0	19.2	17.0	83.6	0.0	17.0	0.1	4.2	SSE
06	27	21.8	28.2	17.8	25.6	23.2	22.6	22.0	21.2	19.3	17.0	83.6	0.5	16.8	0.2	4.0	S
06	28	21.4	27.2	18.6	25.0	23.3	22.7	22.3	21.4	19.4	17.1	89.3	4.0	13.0	0.1	2.5	S
06	29	21.8	27.4	17.5	24.9	23.3	22.8	22.3	21.5	19.5	17.2	86.5	0.0	12.9	0.1	3.4	SSW
06	30	20.9	24.8	18.8	22.7	22.5	22.3	22.2	21.7	19.8	17.3	93.7	64.0	6.4	0.1	2.4	E
計	Total												181.0				
平均	Mean	19.1	26.3	13.1	23.8	21.6	21.1	20.7	19.9	18.3	16.1	75.6	6.0	19.8	0.3	4.2	
最大	Max.	21.8	31.9	18.8	27.3	23.3	22.8	22.3	21.7	19.8	17.3	93.7	64.0	29.3	1.0	7.6	
最低	Min.	15.6	20.0	7.3	19.6	19.2	19.0	19.0	18.7	17.0	15.0	55.9	0.0	4.6	0.0	1.6	

2017年 7月

## 气象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
07	1	23.6	30.1	20.0	26.1	23.3	22.6	22.2	21.6	20.1	17.5	88.5	1.0	14.1	0.1	3.1	NNE
07	2	24.6	32.5	20.5	28.0	24.9	23.9	23.1	22.0	20.1	17.6	84.0	1.0	20.1	0.2	3.7	SE
07	3	24.9	32.8	19.9	27.8	25.3	24.4	23.6	22.5	20.2	17.7	83.9	0.5	18.5	0.1	3.5	SE
07	4	23.9	30.4	21.0	25.6	24.5	24.2	23.8	23.1	20.7	18.0	89.2	127.0	9.3	0.2	7.5	ESE
07	5	23.0	28.4	18.1	25.4	24.1	23.8	23.6	23.5	22.2	18.7	88.2	1.5	12.8	0.1	2.7	NNE
07	6	22.5	31.3	16.3	27.1	24.9	24.3	23.9	23.4	21.9	18.7	77.3	0.0	26.0	0.2	3.4	SSE
07	7	24.0	33.0	16.8	29.2	26.0	25.1	24.4	23.5	21.7	18.8	72.7	0.0	28.4	0.2	3.6	SSE
07	8	24.8	34.1	16.5	30.2	26.6	25.7	24.9	23.8	21.7	18.8	73.3	0.0	26.5	0.3	4.0	SE
07	9	24.6	30.1	20.1	28.7	26.5	25.9	25.2	24.1	21.8	18.9	83.3	0.0	14.6	0.1	2.3	SSE
07	10	24.8	31.4	20.4	29.4	26.5	25.7	25.1	24.1	21.8	19.0	83.1	0.0	17.6	0.2	3.4	SE
07	11	25.2	32.1	20.5	28.9	26.5	25.8	25.2	24.2	21.9	19.0	81.3	0.0	15.5	0.2	4.8	NNW
07	12	26.3	33.0	22.5	30.9	27.1	26.2	25.5	24.3	22.0	19.1	81.6	3.5	17.8	0.4	4.9	NE
07	13	25.8	32.5	22.5	28.5	26.5	26.0	25.6	25.2	22.9	19.5	84.3	55.5	18.4	0.3	5.0	NE
07	14	24.6	30.9	20.9	28.6	27.1	26.4	26.0	25.1	22.9	19.6	86.0	7.0	17.3	0.4	4.2	ENE
07	15	25.0	32.9	19.2	29.4	27.3	26.5	26.0	25.1	22.9	19.6	80.2	0.0	24.1	0.2	3.8	SE
07	16	25.9	32.9	20.8	30.2	27.7	26.9	26.3	25.2	22.9	19.7	77.8	0.0	21.8	0.2	3.1	ESE
07	17	24.7	31.8	20.9	28.6	27.3	26.7	26.3	25.3	22.9	19.8	85.5	18.5	17.2	0.2	3.1	SE
07	18	25.1	32.0	20.1	29.3	27.4	26.7	26.2	25.3	23.0	19.9	78.2	0.0	22.3	0.4	4.6	SE
07	19	25.1	32.5	19.5	30.5	27.7	26.9	26.3	25.3	23.1	20.0	77.9	0.0	25.3	0.3	5.2	WSW
07	20	25.5	31.7	20.6	30.6	27.9	27.2	26.5	25.5	23.1	20.1	78.9	0.0	21.4	0.3	3.9	S
07	21	25.5	31.4	20.4	29.0	27.3	26.8	26.4	25.5	23.2	20.1	79.0	0.0	15.8	0.3	4.2	ENE
07	22	26.1	33.2	20.5	30.9	27.5	26.8	26.3	25.4	23.3	20.2	77.6	0.0	21.8	0.3	4.6	E
07	23	23.7	29.1	20.7	26.8	26.8	26.6	26.3	25.5	23.3	20.3	90.8	10.5	7.0	0.1	3.1	ENE
07	24	25.5	30.7	22.3	27.9	26.5	26.1	25.8	25.2	23.3	20.4	87.7	0.5	12.0	0.1	2.7	NE
07	25	24.7	28.4	23.2	26.9	26.4	26.1	25.8	25.2	23.3	20.4	93.1	10.0	5.8	0.0	1.8	E
07	26	26.9	34.5	23.3	30.6	27.4	26.5	25.9	25.1	23.3	20.5	85.0	1.0	20.6	0.2	3.9	ENE
07	27	24.1	27.3	22.7	26.7	26.9	26.6	26.4	25.5	23.4	20.5	92.3	19.0	6.1	0.0	1.8	NNE
07	28	26.2	32.9	22.2	29.7	27.2	26.5	26.0	25.4	23.5	20.6	83.5	0.0	19.5	0.0	2.8	S
07	29	27.1	33.4	23.2	30.7	28.1	27.3	26.6	25.6	23.6	20.7	78.3	0.0	20.1	0.3	5.0	SE
07	30	25.3	29.1	22.8	28.0	27.4	27.0	26.7	25.8	23.6	20.7	84.0	0.0	8.7	0.1	2.8	NE
07	31	27.0	34.3	21.4	30.8	27.8	27.0	26.5	25.7	23.7	20.8	78.2	0.0	21.8	0.2	4.0	SE
計	Total												256.5				
平均	Mean	25.0	31.6	20.6	28.7	26.6	25.9	25.4	24.6	22.5	19.5	82.7	8.3	17.7	0.2	3.7	
最大	Max.	27.1	34.5	23.3	30.9	28.1	27.3	26.7	25.8	23.7	20.8	93.1	127.0	28.4	0.4	7.5	
最低	Min.	22.5	27.3	16.3	25.4	23.3	22.6	22.2	21.6	20.1	17.5	72.7	0.0	5.8	0.0	1.8	

2017年 08月

## 气象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
08	1	26.2	33.4	21.5	30.9	28.4	27.6	27.0	25.9	23.8	20.9	80.0	0.0	19.7	0.2	3.3	SSE
08	2	24.8	31.4	21.5	29.4	27.8	27.3	26.9	26.0	23.8	20.9	82.0	0.5	13.9	0.3	4.8	E
08	3	24.9	31.5	21.8	28.5	27.4	26.9	26.6	25.9	23.9	21.0	84.3	0.0	14.0	0.1	3.2	SSW
08	4	25.6	33.2	21.4	29.4	27.5	27.0	26.5	25.8	23.9	21.1	84.7	11.5	17.8	0.2	3.7	E
08	5	26.1	32.7	22.5	29.5	27.8	27.2	26.7	25.9	23.9	21.1	85.7	0.0	16.0	0.2	4.5	ESE
08	6	26.9	33.5	22.5	30.2	28.1	27.4	26.9	26.0	24.0	21.2	80.3	0.0	20.2	0.3	5.3	ESE
08	7	24.7	28.4	22.2	25.8	26.8	26.7	26.7	26.1	24.1	21.2	89.1	79.5	4.7	1.2	7.7	NE
08	8	24.6	29.6	21.6	26.4	25.8	25.6	25.6	25.7	25.0	22.0	84.6	48.5	13.0	0.9	6.4	E
08	9	25.7	33.2	20.1	29.4	26.9	26.3	25.9	25.6	24.8	22.0	76.2	0.0	25.6	0.4	5.3	SE
08	10	26.4	33.2	20.9	29.2	27.5	26.9	26.5	25.9	24.6	22.0	81.8	26.5	16.5	0.1	3.1	SE
08	11	25.5	30.8	23.3	28.0	27.4	27.0	26.8	26.1	24.6	22.0	90.7	21.5	10.8	0.1	4.2	ESE
08	12	25.2	31.6	20.4	28.7	27.5	27.1	26.8	26.2	24.7	22.1	87.7	3.5	15.1	0.1	2.8	SSW
08	13	24.6	31.7	19.5	28.3	27.3	27.0	26.7	26.2	24.8	22.2	83.8	0.0	16.2	0.1	3.1	SSE
08	14	24.1	30.0	20.3	27.7	27.1	26.9	26.6	26.2	24.8	22.2	85.6	0.0	13.7	0.1	2.3	NW
08	15	23.0	26.2	21.1	25.8	26.3	26.3	26.3	26.0	24.7	22.3	93.2	4.0	5.5	0.1	2.5	ESE
08	16	23.8	26.8	22.4	26.0	25.9	25.8	25.8	25.7	24.7	22.3	93.0	22.5	6.4	0.1	3.3	NNE
08	17	25.8	32.0	22.4	29.3	26.9	26.3	26.0	25.6	24.6	22.3	83.9	0.0	18.6	0.2	4.0	ENE
08	18	24.3	29.3	22.6	26.9	26.6	26.4	26.2	25.9	24.7	22.4	90.3	42.0	10.3	0.3	5.5	ENE
08	19	25.3	32.4	21.1	29.3	27.3	26.6	26.3	25.8	24.8	22.5	83.8	0.0	21.8	0.1	2.8	SSE
08	20	25.1	31.3	20.3	28.5	27.4	27.0	26.7	26.1	24.8	22.6	83.8	0.0	17.5	0.2	4.9	ESE
08	21	25.4	31.2	21.1	28.7	27.5	27.0	26.7	26.1	24.8	22.6	83.4	0.0	16.7	0.2	3.5	SE
08	22	24.2	31.2	20.7	26.7	26.9	26.8	26.7	26.2	24.8	22.6	88.5	35.0	10.6	0.1	4.5	E
08	23	24.4	30.3	20.7	27.3	26.3	26.1	26.1	26.1	25.0	22.7	89.9	3.0	14.6	0.1	3.3	SE
08	24	26.0	34.1	21.4	29.8	27.6	26.9	26.5	26.0	24.9	22.7	83.2	0.0	21.9	0.1	3.3	SE
08	25	25.7	32.9	21.2	28.6	27.6	27.2	26.9	26.3	24.9	22.7	84.1	0.0	15.0	0.1	4.7	NNW
08	26	22.8	28.2	17.7	26.9	27.1	26.9	26.7	26.3	25.0	22.8	86.4	3.0	12.8	0.1	3.9	SE
08	27	22.9	31.6	16.3	27.1	26.4	26.2	26.2	26.0	25.0	22.8	81.3	0.0	20.9	0.2	3.7	SSE
08	28	23.8	29.5	19.2	27.1	26.5	26.3	26.2	25.9	24.9	22.8	85.2	0.0	12.5	0.1	3.4	E
08	29	25.7	32.6	22.6	29.2	27.2	26.7	26.3	25.9	24.9	22.8	85.1	2.0	16.3	0.1	2.2	E
08	30	25.7	32.5	20.2	29.6	27.8	27.2	26.8	26.1	24.8	22.8	82.2	0.0	18.4	0.1	3.3	SE
08	31	24.6	32.2	18.3	30.0	27.8	27.2	26.8	26.2	24.9	22.8	73.0	0.0	22.4	0.3	3.2	SSE
計	Total												303.0				
平均	Mean	25.0	31.2	20.9	28.3	27.2	26.8	26.5	26.0	24.6	22.1	84.7	9.8	15.5	0.2	3.9	
最大	Max.	26.9	34.1	23.3	30.9	28.4	27.6	27.0	26.3	25.0	22.8	93.2	79.5	25.6	1.2	7.7	
最低	Min.	22.8	26.2	16.3	25.8	25.8	25.6	25.6	25.6	23.8	20.9	73.0	0.0	4.7	0.1	2.2	



2017年 09月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
09	1	22.1	31.0	15.3	28.9	27.2	27.0	26.7	26.3	24.9	22.8	72.6	0.0	22.7	0.2	3.7	SE
09	2	22.4	29.8	16.4	29.6	27.2	26.8	26.5	26.1	24.9	22.9	70.0	0.0	22.8	0.3	3.7	SSE
09	3	20.6	29.9	15.0	27.7	26.5	26.4	26.3	26.0	24.9	22.9	71.5	0.0	20.2	0.2	3.8	SSE
09	4	20.2	26.9	14.9	25.4	25.6	25.8	25.8	25.7	24.8	22.9	84.5	0.0	12.6	0.0	2.5	SSE
09	5	21.8	29.1	15.8	26.6	25.4	25.4	25.4	25.4	24.8	22.9	82.1	1.5	15.4	0.1	2.8	SSE
09	6	20.7	23.3	19.0	24.0	25.0	25.1	25.2	25.2	24.6	22.9	94.1	6.0	5.0	0.0	2.2	E
09	7	22.7	27.4	19.6	24.9	24.7	24.7	24.8	24.9	24.5	22.9	93.5	14.0	6.2	0.0	2.0	E
09	8	23.0	30.0	16.9	27.4	25.7	25.3	25.0	24.8	24.4	22.9	78.3	0.0	22.2	0.4	5.0	SSE
09	9	22.3	29.2	16.0	26.6	25.6	25.4	25.3	25.0	24.3	22.9	81.0	0.0	18.3	0.3	4.0	ESE
09	10	22.4	30.9	17.1	27.7	26.2	25.8	25.4	25.1	24.3	22.8	81.7	0.0	20.0	0.1	2.7	SSE
09	11	22.6	27.0	18.6	25.8	25.7	25.6	25.5	25.2	24.3	22.8	81.8	5.5	11.5	0.4	4.9	ENE
09	12	22.0	24.2	18.6	24.0	24.8	24.9	25.0	25.0	24.3	22.8	94.7	26.0	3.9	0.1	3.7	NE
09	13	21.1	29.3	16.1	25.3	24.7	24.6	24.6	24.7	24.3	22.8	84.2	0.0	18.9	0.2	3.4	SE
09	14	19.9	28.6	15.0	25.3	24.7	24.6	24.6	24.6	24.2	22.8	78.4	0.0	20.0	0.2	3.3	SE
09	15	18.6	24.6	14.0	22.8	23.7	24.0	24.2	24.4	24.1	22.7	79.2	0.0	13.8	0.2	4.6	S
09	16	17.0	18.0	15.7	20.0	22.3	23.0	23.5	24.0	24.0	22.7	96.2	26.5	1.8	0.0	1.6	E
09	17	20.5	25.8	16.5	22.1	22.0	22.3	22.6	23.3	23.8	22.7	89.8	13.0	7.0	0.8	13.3	NE
09	18	21.9	27.9	14.7	25.0	23.8	23.4	23.2	23.2	23.6	22.7	75.9	1.5	21.0	0.7	8.1	ESE
09	19	19.2	27.0	13.5	23.3	23.3	23.3	23.4	23.4	23.4	22.6	82.4	0.0	16.8	0.1	2.5	SE
09	20	19.5	25.2	16.2	22.5	23.0	23.1	23.3	23.4	23.4	22.6	86.4	1.0	8.9	0.1	3.2	SE
09	21	18.5	26.7	12.8	22.8	22.9	22.9	23.0	23.2	23.3	22.5	79.2	0.0	19.6	0.3	4.3	SE
09	22	18.1	23.0	13.5	20.5	22.0	22.4	22.8	23.1	23.2	22.5	90.7	1.5	6.3	0.1	2.9	NE
09	23	20.4	27.4	17.0	23.3	22.6	22.5	22.6	22.8	23.1	22.4	86.3	0.5	13.0	0.1	2.9	SE
09	24	19.4	27.0	15.1	23.0	22.9	22.8	22.9	22.9	23.0	22.4	84.2	0.0	14.0	0.0	2.3	SSE
09	25	19.2	28.0	13.9	23.0	22.8	22.7	22.7	22.9	22.9	22.3	81.1	0.0	20.0	0.1	2.3	SSE
09	26	20.2	27.8	14.8	23.5	23.0	22.9	22.8	22.9	22.9	22.3	83.3	0.0	18.4	0.1	4.4	SSE
09	27	20.0	25.3	16.5	22.7	23.0	23.0	23.0	23.0	22.8	22.2	87.4	2.0	7.8	0.2	4.2	ENE
09	28	18.1	22.0	10.3	20.7	22.2	22.4	22.6	22.8	22.8	22.2	89.6	15.0	5.1	0.4	6.1	SE
09	29	15.1	24.5	7.6	19.8	20.9	21.3	21.7	22.4	22.7	22.1	78.1	0.0	19.7	0.2	3.3	SE
09	30	15.8	24.0	9.6	19.2	20.8	21.1	21.5	22.0	22.6	22.1	73.8	0.0	15.6	0.3	4.6	SE
計	Total												114.0				
平均	Mean	20.2	26.7	15.2	24.1	24.0	24.0	24.1	24.1	23.8	22.6	83.1	3.8	14.3	0.2	3.9	
最大	Max.	23.0	31.0	19.6	29.6	27.2	27.0	26.7	26.3	24.9	22.9	96.2	26.5	22.8	0.8	13.3	
最低	Min.	15.1	18.0	7.6	19.2	20.8	21.1	21.5	22.0	22.6	22.1	70.0	0.0	1.8	0.0	1.6	

2017年 10月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
10	1	16.8	25.1	8.8	19.4	20.2	20.6	21.0	21.7	22.4	22.0	82.3	0.0	12.5	0.2	3.8	ENE
10	2	18.3	21.6	16.3	19.9	20.6	20.8	21.1	21.5	22.2	22.0	93.3	30.5	4.7	0.3	4.0	ENE
10	3	20.1	26.0	14.9	21.6	21.3	21.1	21.1	21.4	22.0	21.9	86.0	5.5	9.7	0.4	5.7	SE
10	4	15.6	22.3	8.3	19.3	20.9	21.1	21.2	21.5	21.9	21.8	67.2	0.0	16.5	0.6	4.9	SSE
10	5	14.2	21.1	8.0	18.7	19.8	20.2	20.6	21.3	21.8	21.8	83.1	0.0	15.0	0.1	3.3	SSW
10	6	14.3	18.2	12.3	17.1	19.3	19.9	20.4	21.0	21.7	21.7	92.2	30.0	3.2	0.1	3.2	ESE
10	7	17.0	22.3	13.8	18.7	19.0	19.2	19.6	20.4	21.5	21.6	93.9	16.5	7.4	0.1	3.1	SSE
10	8	18.9	26.0	14.4	20.1	19.8	19.8	19.9	20.3	21.3	21.6	90.7	0.0	11.7	0.1	3.3	E
10	9	18.8	25.0	15.3	20.5	20.5	20.5	20.4	20.6	21.2	21.5	90.5	0.0	8.5	0.0	1.9	SSE
10	10	19.9	27.5	15.4	22.0	21.1	20.8	20.7	20.8	21.1	21.4	85.3	0.0	16.8	0.2	3.2	SE
10	11	20.1	28.6	15.4	22.4	21.7	21.4	21.2	21.0	21.2	21.3	85.6	0.0	16.3	0.1	3.1	SSE
10	12	19.6	26.4	16.1	22.1	21.8	21.6	21.4	21.3	21.2	21.2	86.9	0.0	10.6	0.1	3.2	SSE
10	13	16.8	17.7	15.8	19.4	20.9	21.2	21.3	21.4	21.3	21.2	91.7	8.5	2.0	0.0	2.1	SE
10	14	17.0	20.3	15.1	19.1	20.0	20.3	20.6	21.0	21.3	21.1	95.1	16.0	4.5	0.0	1.9	SE
10	15	15.3	17.3	13.4	18.1	19.5	19.9	20.2	20.7	21.2	21.1	96.6	12.0	3.1	0.0	2.8	W
10	16	14.1	15.5	13.4	16.9	18.5	19.1	19.6	20.3	21.1	21.1	96.9	36.0	2.5	0.0	2.5	SSE
10	17	13.4	15.0	11.2									20.0				
10	18	13.4	18.5	9.3									0.5				
10	19	13.2	14.9	12.1									18.0				
10	20	15.0	17.3	13.1									3.5				
10	21	16.2	17.3	14.8									14.0				
10	22	17.1	20.2	15.9									83.5				
10	23	14.7	18.2	10.2									27.0				
10	24	12.7	17.6	9.4									0.0				
10	25	11.7	14.0	8.2									17.0				
10	26	11.3	20.6	6.3									0.0				
10	27	12.7	20.9	7.9									0.0				
10	28	13.0	15.2	11.4									13.0				
10	29	15.0	19.0	12.7									52.5				
10	30	10.9	15.0	3.6									0.0				
10	31	8.5	17.0	2.5	11.6	14.1	14.8	15.5	16.7	18.2	19.6	77.2	0.0	14.6	0.5	6.2	SSE
計	Total												404.0				
平均	Mean	15.3	20.0	11.8									13.0				
最大	Max.	20.1	28.6	16.3									83.5				
最低	Min.	8.5	14.0	2.5									0.0		0.0		

代替機器観測日 (The date of observation by alternative hardwares)

気温 (Air Temperature): 17~30

降水量 (precipitation): 17~30

2017年 11月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均	最高	最低	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
11	1	10.6	20.1	6.3	12.4	14.2	14.8	15.3	16.3	18.1	19.5	88.6	0.0	11.3	0.1	2.5	SSE
11	2	10.9	21.4	5.6	12.8	14.3	14.8	15.2	16.2	17.9	19.4	84.4	0.0	14.6	0.1	2.8	SSE
11	3	12.6	21.0	7.7	14.3	14.8	15.0	15.3	16.1	17.8	19.3	85.8	0.0	13.4	0.1	3.7	SSE
11	4	11.8	18.0	6.4	13.3	15.1	15.5	15.7	16.3	17.7	19.2	79.9	0.0	8.0	0.8	5.5	SSE
11	5	8.8	16.3	3.1	11.6	14.0	14.6	15.2	16.1	17.6	19.1	75.0	0.0	13.8	0.5	4.7	SSE
11	6	11.0	20.4	6.7	12.6	14.1	14.5	14.9	15.9	17.5	19.0	86.5	0.0	12.3	0.1	2.3	SW
11	7	12.8	21.3	6.6	13.8	14.3	14.6	15.0	15.8	17.4	18.9	88.1	0.0	9.2	0.1	3.2	E
11	8	13.8	15.1	12.1	14.3	15.0	15.2	15.4	15.9	17.3	18.8	97.2	4.0	1.5	0.0	1.6	W
11	9	11.3	16.8	4.5	13.2	14.8	15.1	15.4	16.0	17.3	18.7	71.3	0.0	13.2	0.9	7.1	SSE
11	10	10.4	19.4	3.1	12.3	13.8	14.4	14.9	15.8	17.2	18.6	83.8	0.0	12.0	0.2	3.4	ENE
11	11	11.4	16.8	4.8	13.5	14.6	14.8	15.1	15.7	17.1	18.6	77.1	3.0	12.0	1.1	6.8	SE
11	12	7.8	14.9	2.1	10.7	13.1	13.9	14.5	15.6	17.1	18.5	72.3	0.0	12.8	0.7	4.7	SSE
11	13	9.5	16.4	4.3	10.9	12.8	13.4	14.1	15.2	17.0	18.4	89.7	0.0	7.6	0.0	2.0	SSE
11	14	9.8	12.4	6.4	10.5	12.7	13.4	13.9	15.0	16.8	18.3	97.6	9.5	2.0	0.0	2.0	SE
11	15	7.8	15.7	2.9	10.5	12.4	13.0	13.6	14.7	16.6	18.2	89.3	0.5	10.1	0.2	3.4	ESE
11	16	4.7	10.5	0.8	8.1	11.5	12.4	13.2	14.4	16.5	18.1	88.0	0.0	7.6	0.4	4.8	SSE
11	17	5.7	12.9	1.4	9.1	11.0	11.8	12.5	14.0	16.3	18.1	85.2	0.0	12.1	0.2	3.7	SSE
11	18	7.4	9.3	4.2	8.6	11.0	11.7	12.4	13.7	16.1	17.9	93.9	14.5	1.3	0.4	6.1	SSE
11	19	3.5	9.4	-0.7	6.8	10.0	11.0	11.9	13.3	15.8	17.8	83.4	0.0	7.7	0.6	4.7	SE
11	20	3.6	7.5	-0.5	6.7	9.4	10.4	11.3	12.9	15.6	17.7	90.3	0.5	5.0	0.2	3.8	SSE
11	21	3.3	10.1	-1.0	6.8	9.4	10.2	11.0	12.6	15.3	17.6	83.1	0.0	12.7	0.5	5.5	SSE
11	22	7.3	13.5	1.5	8.3	9.5	10.2	10.9	12.3	15.1	17.5	89.8	5.5	5.9	0.1	3.7	ENE
11	23	8.2	14.0	1.8	10.1	10.9	11.2	11.4	12.4	14.9	17.3	83.1	17.0	8.9	0.9	7.6	SSE
11	24	3.8	10.2	-0.8	6.8	9.7	10.5	11.2	12.4	14.7	17.2	78.6	0.0	10.8	0.6	5.6	SSE
11	25	2.7	10.3	-1.3	5.1	8.5	9.6	10.5	12.0	14.5	17.0	87.8	0.0	7.2	0.2	3.9	SSE
11	26	6.0	13.4	-0.5	7.1	8.5	9.3	10.1	11.6	14.3	16.9	87.5	0.0	8.3	0.0	2.5	SE
11	27	6.7	15.1	2.1	8.6	9.8	10.2	10.5	11.6	14.1	16.7	83.5	0.0	11.6	0.2	3.1	SSE
11	28	7.5	17.7	3.5	8.4	10.0	10.3	10.7	11.7	14.0	16.6	85.9	0.0	11.5	0.1	2.2	SSE
11	29	9.4	15.3	3.6	9.0	10.1	10.5	10.9	11.8	13.9	16.4	91.8	2.0	4.4	0.2	3.1	SSE
11	30	9.3	14.5	6.2	10.1	10.8	11.0	11.3	12.0	13.9	16.3	87.4	0.0	5.3	0.1	2.8	SSE
計	Total												56.5				
平均	Mean	8.3	15.0	3.4	10.2	12.0	12.6	13.1	14.2	16.2	18.1	85.5	1.9	9.1	0.3	3.9	
最大	Max.	13.8	21.4	12.1	14.3	15.1	15.5	15.7	16.3	18.1	19.5	97.6	17.0	14.6	1.1	7.6	
最低	Min.	2.7	7.5	-1.3	5.1	8.5	9.3	10.1	11.6	13.9	16.3	71.3	0.0	1.3	0.0	1.6	

2017年 12月

## 気象月報

生態水文学研究所白坂

## Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C								湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature											Hum. %	Prec. mm	MJ/m <sup>2</sup>
Date		平均 Mean	最高 Max.	最低 Min.	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep				平均 Mean	最大 Max.	風向 Dir.	
12	1	6.5	12.2	1.5	8.9	10.6	11.0	11.4	12.1	13.8	16.2	78.7	0.0	9.6	0.5	4.5	SSE	
12	2	3.1	11.4	-1.2	6.5	9.4	10.2	10.9	12.0	13.8	16.1	82.7	0.0	11.4	0.3	4.6	SSE	
12	3	4.4	13.9	-0.5	6.5	8.9	9.6	10.3	11.6	13.7	16.0	81.1	0.0	11.1	0.2	4.3	S	
12	4	4.2	9.4	0.3	4.9	8.1	9.0	9.9	11.3	13.6	15.8	92.5	0.0	3.4	0.0	2.1	E	
12	5	4.0	10.0	0.3	5.4	8.0	8.8	9.6	10.9	13.4	15.8	70.0	0.0	9.6	0.7	5.7	SSW	
12	6	2.1	8.1	-3.0	4.8	7.5	8.4	9.3	10.7	13.3	15.7	77.4	0.0	9.3	0.4	4.9	S	
12	7	2.1	10.4	-2.0	4.8	7.5	8.2	9.0	10.4	13.1	15.6	84.7	0.0	11.5	0.2	3.3	S	
12	8	1.9	4.5	-1.4	3.3	6.9	7.9	8.8	10.2	12.9	15.5	93.4	0.5	1.6	0.3	4.9	S	
12	9	1.5	7.9	-3.8	3.3	6.2	7.2	8.2	9.9	12.7	15.4	78.6	0.0	9.2	0.2	3.6	S	
12	10	4.3	12.3	-1.6	5.2	6.8	7.4	8.1	9.6	12.5	15.3	82.2	0.0	10.3	0.2	5.4	SE	
12	11	4.7	11.5	0.4	6.0	7.7	8.2	8.6	9.7	12.3	15.2	79.7	0.0	7.5	0.6	4.9	S	
12	12	0.7	4.7	-2.5	2.5	6.2	7.3	8.2	9.7	12.2	15.0	67.0	0.0	7.6	1.0	6.3	S	
12	13	0.8	5.8	-3.3	3.8	6.1	7.0	7.8	9.3	12.1	14.9	84.4	0.0	6.8	0.6	4.6	SSW	
12	14	0.3	7.4	-4.9	2.5	5.6	6.6	7.5	9.1	11.9	14.8	72.8	0.0	11.7	0.7	5.8	S	
12	15	1.4	10.0	-3.2	3.5	5.8	6.6	7.3	8.8	11.8	14.7	75.5	0.0	10.6	0.2	2.8	S	
12	16	3.3	7.7	-1.4	3.9	6.0	6.8	7.4	8.8	11.6	14.6	84.6	0.0	3.9	0.1	3.3	SSW	
12	17	0.5	4.9	-2.8	3.2	6.0	6.8	7.5	8.7	11.5	14.5	87.7	0.0	6.1	0.7	4.4	S	
12	18	0.4	7.6	-3.6	3.2	5.6	6.4	7.1	8.6	11.3	14.3	84.7	0.0	8.9	0.2	3.6	S	
12	19	0.5	8.0	-3.4	1.9	5.2	6.1	7.0	8.4	11.2	14.2	85.6	0.0	5.0	0.3	4.0	S	
12	20	0.1	8.5	-4.6	2.1	4.9	5.7	6.6	8.2	11.1	14.1	83.7	0.0	11.3	0.3	3.7	S	
12	21	1.6	9.8	-3.1	2.5	5.0	5.8	6.5	8.0	10.9	14.0	76.3	0.0	11.2	0.5	5.0	SSE	
12	22	1.1	10.7	-3.9	2.4	5.0	5.8	6.5	7.9	10.8	13.9	78.4	0.0	11.2	0.2	3.1	S	
12	23	2.8	11.3	-2.2	3.3	5.2	5.9	6.5	7.8	10.6	13.8	83.5	0.0	9.5	0.3	4.9	S	
12	24	6.5	13.3	-1.1	5.5	5.9	6.2	6.7	7.8	10.5	13.6	81.3	20.5	7.7	0.7	5.1	ENE	
12	25	5.8	9.8	0.4	6.5	7.4	7.5	7.6	8.2	10.4	13.5	79.2	7.5	5.8	0.9	5.7	S	
12	26	2.1	5.9	0.2	3.8	6.1	6.8	7.4	8.3	10.4	13.4	88.9	0.0	3.2	0.8	6.1	SW	
12	27	-0.5	1.4	-1.6	2.1	5.1	6.1	6.8	8.1	10.4	13.3	94.4	1.5	2.2	1.3	5.0	S	
12	28	0.3	6.0	-4.4	1.9	4.4	5.3	6.2	7.7	10.3	13.2	74.5	0.0	11.2	0.9	6.2	SSE	
12	29	2.1	7.8	-2.5	2.5	4.5	5.2	5.9	7.4	10.1	13.1	72.3	0.0	7.7	0.9	4.7	SSE	
12	30	2.3	8.4	-2.5	3.0	5.0	5.5	6.1	7.3	10.0	13.0	67.7	0.0	11.2	0.9	5.0	SSE	
12	31	2.6	6.5	-2.5	3.4	4.9	5.5	6.1	7.3	9.8	12.9	92.0	2.5	3.1	0.2	2.8	E	
計	Total												32.5					
平均	Mean	2.4	8.6	-2.1	4.0	6.4	7.1	7.8	9.1	11.7	14.6	81.1	1.0	8.1	0.5	4.5		
最大	Max.	6.5	13.9	1.5	8.9	10.6	11.0	11.4	12.1	13.8	16.2	94.4	20.5	11.7	1.3	6.3		
最低	Min.	-0.5	1.4	-4.9	1.9	4.4	5.2	5.9	7.3	9.8	12.9	67.0	0.0	1.6	0.0	2.1		