

2016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		
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	Hum. %	Prec. mm	MJ/m <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.
01	1	1.8	9.2	-2.4	3.4	6.4	7.1	7.8	9.1	11.7	14.2	78.0	0.0	11.5	0.4	6.0	SSE
01	2	2.9	11.0	-2.4	3.7	6.1	6.8	7.5	8.9	11.5	14.1	83.9	0.0	9.3	0.2	3.8	S
01	3	5.1	13.8	0.7	5.2	6.8	7.2	7.7	8.8	11.4	14.0	88.3	0.0	9.6	0.2	4.0	S
01	4	6.9	13.3	1.8	6.4	7.4	7.7	8.0	9.0	11.3	13.9	83.0	0.0	9.9	0.4	3.4	SSE
01	5	5.5	12.1	0.2	5.7	7.5	7.9	8.3	9.2	11.2	13.8	78.3	0.0	7.2	0.4	4.9	S
01	6	5.4	10.9	1.7	6.3	7.5	7.9	8.3	9.2	11.2	13.7	81.0	0.0	6.6	0.2	3.6	S
01	7	4.8	10.5	1.4	6.2	7.7	8.1	8.5	9.3	11.2	13.6	77.7	0.0	9.3	0.5	5.5	S
01	8	2.8	9.2	-1.7	5.0	7.3	7.8	8.3	9.3	11.1	13.5	81.5	0.0	9.9	0.3	4.3	S
01	9	1.7	9.1	-2.1	4.0	6.6	7.3	7.9	9.1	11.1	13.4	85.1	0.0	10.3	0.3	4.0	S
01	10	3.0	9.3	-2.2	4.9	6.4	7.0	7.6	8.8	11.0	13.3	79.8	0.0	9.7	0.4	5.8	S
01	11	2.8	8.8	-1.8	4.5	6.5	7.1	7.6	8.7	10.9	13.3	84.4	0.0	8.0	0.2	3.6	SSW
01	12	2.5	7.3	-3.0	4.0	6.5	7.1	7.7	8.7	10.8	13.2	76.4	0.0	5.9	0.3	4.2	S
01	13	0.7	8.2	-3.9	3.2	5.6	6.4	7.2	8.5	10.7	13.1	76.0	0.0	9.8	0.2	4.6	S
01	14	1.3	7.5	-3.6	3.2	5.3	6.1	6.9	8.2	10.6	13.1	77.5	0.0	9.0	0.4	4.5	SSW
01	15	1.7	8.1	-2.8	3.5	5.6	6.2	6.8	8.0	10.5	13.0	76.1	0.0	10.5	0.5	5.1	SSW
01	16	1.2	8.8	-3.3	3.2	5.4	6.1	6.7	7.9	10.4	12.9	76.6	0.0	12.5	0.5	6.6	S
01	17	1.9	8.2	-3.9	3.0	5.0	5.8	6.5	7.8	10.2	12.8	77.9	0.5	7.8	0.2	2.8	SE
01	18	5.2	8.2	2.3	5.7	6.1	6.4	6.8	7.8	10.1	12.7	95.1	20.0	3.0	0.6	5.1	SSW
01	19	0.3	4.2	-2.9	3.0	5.6	6.3	6.9	7.9	10.0	12.6	58.4	0.0	10.5	1.2	6.8	SSW
01	20	-1.1	3.1	-3.6	0.3	3.9	5.0	6.0	7.5	10.0	12.6	91.2	6.0	3.0	0.3	4.0	S
01	21	-0.6	5.6	-5.4	0.7	3.9	4.7	5.5	7.0	9.8	12.5	85.0	2.5	10.6	0.4	4.3	S
01	22	0.8	7.5	-3.6	2.4	4.2	4.8	5.4	6.8	9.6	12.4	69.6	0.0	13.0	0.6	5.2	S
01	23	-0.8	1.4	-3.5	-0.1	3.5	4.5	5.3	6.7	9.4	12.3	83.6	0.0	2.3	0.2	4.5	SSE
01	24	-2.3	0.6	-5.5	1.0	3.4	4.3	5.0	6.4	9.3	12.2	56.7	0.0	13.0	1.3	8.8	SW
01	25	-2.5	3.0	-8.7	0.9	3.0	3.9	4.7	6.2	9.1	12.1	74.2	0.0	13.2	0.5	5.8	S
01	26	-0.5	5.7	-5.3	2.8	3.9	4.3	4.8	6.1	8.9	12.0	79.7	0.0	13.4	0.3	3.9	S
01	27	1.3	7.7	-3.0	2.8	4.3	4.8	5.2	6.3	8.8	11.9	81.0	0.0	8.1	0.3	3.9	S
01	28	3.1	10.9	-2.5	4.6	4.8	5.0	5.4	6.4	8.7	11.8	81.3	0.0	12.2	0.3	4.5	S
01	29	5.2	6.9	3.5	5.8	5.9	6.0	6.1	6.7	8.7	11.7	96.8	30.0	1.2	0.1	3.4	E
01	30	5.9	9.2	2.4	7.4	6.9	6.8	6.7	7.1	8.7	11.5	86.0	8.5	6.2	0.5	4.7	S
01	31	4.0	10.0	-1.9	5.5	6.5	6.7	6.9	7.4	8.7	11.5	69.8	0.0	13.4	0.6	4.4	S
計	Total												67.5				
平均	Mean	2.3	8.0	-2.1	3.8	5.7	6.2	6.8	7.9	10.2	12.9	79.7	2.2	9.0	0.4	4.7	
最大	Max.	6.9	13.8	3.5	7.4	7.7	8.1	8.5	9.3	11.7	14.2	96.8	30.0	13.4	1.3	8.8	
最低	Min.	-2.5	0.6	-8.7	-0.1	3.0	3.9	4.7	6.1	8.7	11.5	56.7	0.0	1.2	0.1	2.8	

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

2016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 Mean	最高 Max.	最低 Min.	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 Mean	最大 Max.	風向 Dir.
02	1	2.7	5.7	-0.4	4.0	6.1	6.5	6.9	7.5	8.8	11.3	89.7	0.0	2.9	0.1	2.2	SSW
02	2	2.5	9.6	-1.7	4.7	5.9	6.2	6.5	7.3	8.9	11.3	67.0	0.0	12.3	0.6	4.9	S
02	3	1.4	7.8	-4.1	3.3	5.3	5.9	6.4	7.2	8.9	11.2	58.7	0.0	14.7	0.8	4.6	S
02	4	1.4	8.4	-4.9	3.9	5.1	5.6	6.1	7.0	8.8	11.2	71.6	0.0	14.4	0.4	4.9	S
02	5	3.1	10.1	-1.7	5.4	6.1	6.2	6.4	7.1	8.8	11.1	75.8	0.0	13.1	0.5	4.7	S
02	6	1.3	7.3	-3.1	3.0	5.4	6.0	6.4	7.2	8.8	11.1	81.2	0.0	7.5	0.4	4.4	S
02	7	0.5	7.7	-4.5	3.0	4.9	5.5	6.0	7.0	8.8	11.0	62.6	0.0	15.5	0.7	6.0	S
02	8	-0.1	8.9	-6.9	2.7	4.7	5.2	5.7	6.8	8.7	11.0	67.6	0.0	16.3	0.3	3.8	S
02	9	0.8	8.1	-3.1	2.7	4.6	5.2	5.7	6.7	8.6	10.9	90.7	1.0	6.1	0.6	5.2	SSW
02	10	1.4	6.5	-2.4	3.7	4.9	5.3	5.7	6.6	8.5	10.9	70.7	0.0	12.1	1.2	7.2	S
02	11	2.3	11.4	-4.3	4.1	5.0	5.3	5.7	6.6	8.5	10.8	68.3	0.0	15.4	0.4	4.2	S
02	12	5.6	10.0	-0.4	5.2	5.5	5.8	6.0	6.7	8.4	10.8	82.7	0.0	4.0	0.1	2.8	ENE
02	13	10.7	14.9	5.7	9.6	7.2	6.9	6.7	7.0	8.4	10.7	92.2	28.0	3.4	0.5	6.7	ENE
02	14	14.3	20.3	8.5	15.3	11.3	10.0	9.0	8.1	8.5	10.7	86.2	31.5	8.6	0.9	6.5	SE
02	15	4.5	8.6	-3.1	7.3	9.9	10.0	9.8	9.3	8.7	10.6	72.3	0.0	7.3	0.7	6.4	S
02	16	-0.9	4.7	-4.6	3.0	6.4	7.4	8.1	8.8	9.1	10.5	80.6	0.0	8.9	0.3	3.7	SSW
02	17	0.3	7.2	-3.9	2.1	5.3	6.1	6.9	8.0	9.2	10.5	82.1	0.0	7.6	0.6	6.8	S
02	18	0.6	9.9	-5.0	3.7	5.3	5.8	6.3	7.5	9.1	10.5	75.1	0.0	16.1	0.3	3.4	S
02	19	4.5	12.6	-2.4	6.2	6.2	6.3	6.6	7.3	8.9	10.5	72.7	0.0	15.7	0.4	4.5	S
02	20	6.3	11.7	1.7	6.2	6.7	6.9	7.1	7.5	8.8	10.5	90.3	27.5	1.8	0.4	6.9	E
02	21	5.2	8.8	0.9	7.0	7.6	7.5	7.5	7.7	8.8	10.5	68.4	0.0	13.7	1.5	7.4	S
02	22	3.8	9.9	-1.7	5.6	6.4	6.8	7.1	7.7	8.8	10.5	68.3	0.0	10.9	0.4	4.0	S
02	23	6.0	12.2	0.5	8.2	7.6	7.5	7.4	7.8	8.8	10.5	69.7	0.0	13.8	0.6	4.4	S
02	24	3.1	8.7	-2.9	6.2	7.5	7.6	7.7	8.0	8.8	10.4	54.6	0.0	16.7	1.2	7.9	S
02	25	1.2	8.2	-5.0	4.8	6.4	6.8	7.2	7.9	8.9	10.4	61.0	0.0	18.2	0.8	5.8	S
02	26	1.1	7.3	-3.6	4.6	6.0	6.5	6.9	7.6	8.8	10.4	76.5	0.0	13.9	0.7	5.3	S
02	27	2.9	9.9	-4.5	5.8	5.9	6.2	6.6	7.4	8.8	10.4	76.7	0.5	13.4	0.3	4.2	S
02	28	5.7	14.1	-1.1	8.4	7.5	7.2	7.1	7.5	8.7	10.3	73.1	0.0	16.8	0.3	2.8	SSE
02	29	5.2	12.2	-1.5	6.3	7.6	7.7	7.7	7.9	8.7	10.3	80.6	2.0	5.8	1.0	6.0	ESE
計	Total												90.5				
平均	Mean	3.3	9.7	-2.0	5.4	6.3	6.6	6.9	7.5	8.8	10.7	74.7	3.1	11.3	0.6	5.1	
最大	Max.	14.3	20.3	8.5	15.3	11.3	10.0	9.8	9.3	9.2	11.3	92.2	31.5	18.2	1.5	7.9	
最低	Min.	-0.9	4.7	-6.9	2.1	4.6	5.2	5.7	6.6	8.4	10.3	54.6	0.0	1.8	0.1	2.2	

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

2016年 03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.	
03	1	-0.1	4.9	-3.5	4.6	6.2	6.7	7.1	7.8	8.8	10.3	67.0	0.0	16.6	1.4	7.4	SSE	
03	2	1.0	7.9	-4.2	5.1	5.7	6.2	6.6	7.5	8.8	10.3	72.2	0.0	16.0	0.6	5.9	S	
03	3	4.2	13.1	-2.8	7.2	6.5	6.5	6.7	7.3	8.7	10.3	74.4	0.0	18.2	0.7	6.1	SSE	
03	4	6.8	17.3	-1.1	9.4	7.9	7.5	7.4	7.6	8.7	10.3	67.8	0.0	18.7	0.3	3.3	S	
03	5	9.4	16.0	3.7	9.8	8.8	8.4	8.2	8.1	8.7	10.2	78.5	0.0	8.7	0.2	3.7	SSE	
03	6	11.8	18.4	5.6	11.4	9.4	9.0	8.7	8.5	8.8	10.2	88.3	5.0	7.5	0.6	5.6	ENE	
03	7	12.5	17.0	10.3	12.9	10.7	10.0	9.5	9.0	9.0	10.2	96.1	1.5	4.5	0.0	1.9	SSE	
03	8	13.5	20.4	8.3	15.5	12.1	11.1	10.4	9.6	9.2	10.2	79.0	0.0	16.2	0.5	5.1	SSW	
03	9	8.5	10.4	6.0	10.0	11.1	11.0	10.8	10.3	9.4	10.2	90.0	22.5	2.1	0.3	3.8	SSE	
03	10	5.5	9.8	0.9	9.1	9.7	9.8	10.0	10.1	9.7	10.3	76.7	0.0	10.7	0.6	4.6	SW	
03	11	5.3	11.9	-1.1	10.1	9.7	9.6	9.6	9.8	9.8	10.3	57.6	0.0	20.2	0.8	5.8	SSW	
03	12	2.5	10.7	-4.1	8.6	9.1	9.2	9.4	9.7	9.9	10.4	66.0	0.0	21.9	0.4	4.0	SSW	
03	13	4.9	12.4	-2.9	8.4	8.6	8.8	9.1	9.4	9.9	10.4	71.1	2.0	12.7	0.2	2.9	S	
03	14	4.3	5.7	2.5	6.4	8.3	8.7	9.0	9.3	9.8	10.5	95.0	24.0	2.5	0.5	4.9	SSW	
03	15	4.9	11.7	-2.0	8.0	7.9	8.0	8.3	8.9	9.8	10.5	64.1	0.0	20.8	1.1	6.3	S	
03	16	4.8	12.5	-2.7	7.4	7.7	8.0	8.3	8.8	9.7	10.5	81.2	0.0	11.8	0.2	4.0	SSW	
03	17	9.1	20.1	0.7	11.6	9.4	8.9	8.7	8.8	9.6	10.5	66.0	0.0	21.9	0.5	5.4	S	
03	18	10.8	17.9	3.5	12.1	10.3	9.9	9.6	9.3	9.6	10.5	79.0	18.5	13.2	0.7	6.7	ENE	
03	19	13.5	18.9	9.4	14.4	12.2	11.4	10.8	10.1	9.7	10.5	84.1	62.0	10.1	0.9	5.5	ESE	
03	20	9.0	14.1	4.0	12.3	11.8	11.4	11.2	10.7	9.9	10.4	61.1	0.0	21.8	1.2	6.1	SSW	
03	21	6.7	13.5	-1.0	11.6	11.2	11.0	10.9	10.7	10.1	10.4	57.9	0.0	22.0	0.9	6.2	SW	
03	22	5.8	15.2	-2.3	11.9	10.9	10.7	10.6	10.6	10.3	10.5	66.6	0.0	22.2	0.4	4.1	SSW	
03	23	8.3	16.4	1.6	12.5	11.3	11.0	10.8	10.6	10.3	10.5	69.8	0.0	18.0	0.4	5.5	S	
03	24	7.1	12.9	1.2	12.8	11.6	11.3	11.0	10.7	10.4	10.6	52.4	0.0	21.9	1.3	6.7	S	
03	25	4.2	11.2	-2.5	11.3	10.7	10.7	10.7	10.7	10.4	10.6	60.3	0.0	22.9	1.0	6.1	S	
03	26	4.7	13.3	-2.1	12.3	10.8	10.6	10.5	10.5	10.5	10.7	61.4	0.0	23.1	0.5	4.3	SSW	
03	27	6.7	15.2	-1.7	12.9	10.9	10.7	10.6	10.5	10.5	10.7	63.3	0.0	19.6	0.3	3.7	S	
03	28	8.2	15.5	2.6	12.3	11.4	11.1	10.9	10.7	10.5	10.7	76.2	0.5	12.7	0.3	3.4	SSW	
03	29	8.7	16.5	0.2	13.5	11.2	10.9	10.8	10.7	10.5	10.8	62.1	0.0	19.4	0.4	4.0	S	
03	30	10.7	17.7	4.0	14.7	12.0	11.5	11.2	10.9	10.6	10.8	67.6	0.0	17.0	0.3	3.1	SW	
03	31	10.6	19.0	1.3	14.8	12.4	11.9	11.5	11.1	10.7	10.8	61.0	0.0	18.8	0.4	4.5	S	
計	Total												136.0					
平均	Mean	7.2	14.1	1.0	10.8	9.9	9.7	9.6	9.6	9.7	10.4	71.4	4.4	15.9	0.6	4.9		
最大	Max.	13.5	20.4	10.3	15.5	12.4	11.9	11.5	11.1	10.7	10.8	96.1	62.0	23.1	1.4	7.4		
最低	Min.	-0.1	4.9	-4.2	4.6	5.7	6.2	6.6	7.3	8.7	10.2	52.4	0.0	2.1	0.0	1.9		

2016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	11.0	15.5	7.2	12.6	12.2	12.0	11.8	11.4	10.8	10.9	85.1	2.0	4.7	0.0	1.4	SSW
04	2	13.0	18.4	8.8	15.1	12.6	12.1	11.8	11.4	10.9	10.9	82.9	0.5	10.4	0.2	4.0	ENE
04	3	14.3	18.5	11.0	15.5	13.3	12.8	12.3	11.8	11.0	10.9	77.7	0.5	8.5	0.8	4.9	NE
04	4	13.9	18.5	8.5	15.7	14.0	13.4	12.9	12.2	11.2	11.0	92.5	42.5	7.6	0.4	3.1	ESE
04	5	9.4	17.2	3.4	12.9	13.3	13.1	12.9	12.5	11.4	11.0	81.4	0.0	13.9	0.2	3.3	SSW
04	6	11.3	19.9	2.9	14.5	12.9	12.7	12.5	12.3	11.6	11.1	67.5	0.0	19.1	0.4	3.7	SE
04	7	11.5	16.6	8.6	12.4	12.7	12.7	12.7	12.4	11.7	11.2	94.4	37.5	1.7	0.7	6.7	E
04	8	11.8	17.3	5.3	13.8	13.1	12.8	12.5	12.3	11.8	11.3	83.3	0.5	12.7	0.6	4.6	S
04	9	12.7	21.7	3.3	16.2	13.4	12.9	12.6	12.4	11.8	11.3	65.4	0.0	21.6	0.4	4.0	S
04	10	12.7	19.9	6.6	14.5	13.8	13.5	13.2	12.7	11.9	11.4	70.2	0.0	12.1	0.2	3.3	SW
04	11	9.9	15.5	1.0	15.9	14.1	13.6	13.2	12.8	12.0	11.5	54.8	0.0	24.5	1.2	7.0	S
04	12	7.9	15.5	-1.8	14.2	13.0	12.9	12.9	12.8	12.1	11.5	67.3	0.0	18.7	0.5	5.4	SE
04	13	12.9	18.3	9.0	14.3	13.4	13.2	13.0	12.7	12.1	11.6	79.9	12.5	6.8	1.1	6.2	ENE
04	14	16.1	23.4	11.7	18.5	15.0	14.0	13.4	12.9	12.2	11.6	78.0	17.5	18.4	0.7	4.3	S
04	15	12.8	20.7	3.6	17.5	15.6	14.9	14.3	13.4	12.3	11.7	52.5	0.0	25.5	0.9	6.4	S
04	16	12.7	22.3	2.9	17.5	15.1	14.6	14.3	13.7	12.5	11.8	61.2	0.0	22.8	0.6	5.8	ESE
04	17	15.6	22.5	10.1	16.6	15.6	15.0	14.6	13.9	12.6	11.8	86.6	12.5	8.1	1.3	10.0	NE
04	18	12.2	18.1	7.5	13.8	14.4	14.4	14.3	13.9	12.7	11.9	70.4	0.0	10.0	0.5	4.4	S
04	19	10.8	18.5	1.8	15.0	14.1	13.8	13.7	13.6	12.8	12.0	58.5	0.0	24.7	0.9	6.1	S
04	20	10.7	18.4	1.4	15.4	14.2	13.9	13.7	13.5	12.9	12.0	74.9	0.0	20.1	0.5	5.6	WSW
04	21	12.8	16.8	10.0	14.0	14.3	14.1	14.0	13.6	12.9	12.1	90.5	40.0	3.9	0.6	5.8	ENE
04	22	15.3	21.9	10.1	19.2	15.4	14.6	14.1	13.6	12.9	12.2	83.3	0.5	21.2	0.6	4.6	S
04	23	15.5	22.9	9.1	19.2	16.3	15.5	15.0	14.2	13.0	12.2	83.6	1.5	16.7	0.2	3.0	SSW
04	24	15.9	22.7	12.8	20.6	17.4	16.5	15.7	14.7	13.2	12.3	82.4	2.5	18.3	0.3	5.5	SSE
04	25	15.2	21.7	9.9	19.0	17.2	16.6	16.1	15.1	13.4	12.3	77.0	0.0	16.5	0.3	5.2	SSW
04	26	16.0	24.1	8.8	21.7	17.6	16.7	16.1	15.2	13.6	12.4	75.8	0.0	25.2	0.4	4.1	SSW
04	27	14.5	18.4	11.6	17.1	17.1	16.8	16.5	15.6	13.8	12.5	90.9	3.5	6.0	0.1	3.7	E
04	28	13.1	16.0	10.2	15.8	15.9	15.8	15.8	15.4	13.9	12.6	95.6	14.0	5.1	0.3	3.7	SSE
04	29	11.1	17.3	4.1	16.0	15.4	15.3	15.2	15.1	14.0	12.7	63.1	0.0	24.2	1.3	6.6	SSE
04	30	11.0	20.8	2.0	17.2	15.3	15.1	14.9	14.8	14.0	12.8	67.9	0.0	25.4	0.5	4.7	SSE
計	Total												188.0				
平均	Mean	12.8	19.3	6.7	16.1	14.6	14.2	13.9	13.4	12.4	11.7	76.5	6.3	15.1	0.6	4.9	
最大	Max.	16.1	24.1	12.8	21.7	17.6	16.8	16.5	15.6	14.0	12.8	95.6	42.5	25.5	1.3	10.0	
最低	Min.	7.9	15.5	-1.8	12.4	12.2	12.0	11.8	11.4	10.8	10.9	52.5	0.0	1.7	0.0	1.4	

2016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	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		
05	1	14.6	23.8	6.5	19.4	16.5	15.9	15.4	14.9	14.0	12.8	66.4	0.0	22.5	0.5	5.7	SSE
05	2	16.7	26.9	8.4	21.6	17.4	16.6	15.9	15.2	14.0	12.9	67.8	0.0	24.3	0.3	3.4	SSW
05	3	16.5	22.1	11.3	19.6	17.6	17.1	16.5	15.6	14.1	13.0	79.3	7.0	15.4	1.2	8.1	NE
05	4	17.4	23.3	10.6	22.3	18.8	17.8	17.1	16.1	14.4	13.1	67.4	51.0	25.9	1.0	10.6	NE
05	5	14.9	22.0	8.4	20.7	18.4	17.8	17.4	16.5	14.7	13.2	60.2	0.0	27.1	0.8	6.1	SE
05	6	12.8	20.2	7.8	15.9	16.9	17.0	17.0	16.5	14.9	13.3	83.8	7.0	6.4	0.2	2.9	ENE
05	7	14.6	20.5	11.0	17.2	16.4	16.2	16.2	16.0	14.9	13.4	86.6	2.0	10.4	0.3	3.9	ESE
05	8	15.7	23.9	6.5	20.0	17.1	16.6	16.2	15.9	14.9	13.5	65.8	0.0	25.7	0.4	4.5	SSE
05	9	14.7	18.9	11.3	17.5	17.2	16.9	16.7	16.1	14.9	13.5	91.9	13.5	6.5	0.1	3.9	NE
05	10	16.7	19.7	13.8	18.5	17.0	16.7	16.5	16.1	15.0	13.6	95.3	18.0	5.9	0.3	4.6	NE
05	11	17.2	20.3	11.7	18.9	17.9	17.4	17.1	16.4	15.1	13.7	92.5	30.0	5.3	0.8	6.4	NNE
05	12	16.2	25.1	8.0	21.3	18.1	17.4	17.0	16.5	15.3	13.8	73.0	0.0	28.3	0.5	4.9	S
05	13	17.1	25.6	9.9	22.9	19.3	18.4	17.8	16.9	15.4	13.9	76.9	0.0	25.2	0.3	4.6	SSE
05	14	18.2	26.3	11.9	24.0	20.0	19.1	18.4	17.3	15.5	14.0	76.2	0.0	23.9	0.4	4.3	SSW
05	15	16.4	21.9	12.5	21.1	19.5	19.0	18.6	17.6	15.7	14.0	82.9	0.0	13.8	0.3	4.0	S
05	16	16.9	20.4	13.8	19.7	18.7	18.5	18.2	17.6	15.9	14.1	82.3	11.5	8.1	1.0	5.4	NE
05	17	15.1	20.9	9.5	18.9	18.2	17.9	17.8	17.4	16.0	14.2	91.5	26.0	11.7	0.3	4.3	SE
05	18	16.4	25.7	9.0	21.9	18.8	18.1	17.7	17.3	16.1	14.3	75.6	0.0	27.8	0.4	3.8	SSW
05	19	16.7	26.1	9.5	22.4	19.5	18.9	18.3	17.6	16.1	14.4	72.5	0.0	24.7	0.3	4.2	SW
05	20	16.4	23.8	11.3	21.7	19.4	18.9	18.5	17.8	16.2	14.5	83.0	0.0	16.5	0.2	4.1	SSW
05	21	17.8	28.1	9.8	24.3	20.1	19.3	18.7	17.9	16.3	14.6	74.3	0.0	27.2	0.3	3.8	S
05	22	18.9	27.6	12.0	25.8	21.0	20.1	19.3	18.2	16.4	14.6	70.9	0.0	27.1	0.3	3.7	SSE
05	23	19.9	30.8	11.1	26.5	21.5	20.5	19.7	18.6	16.5	14.7	60.0	0.0	27.3	0.3	3.2	SSE
05	24	20.6	29.1	12.3	26.4	21.7	20.9	20.1	18.9	16.7	14.8	62.4	0.0	24.3	0.6	4.9	SSE
05	25	19.3	23.4	16.4	22.8	21.1	20.6	20.1	19.1	16.9	14.9	81.1	0.0	9.6	0.3	3.9	ENE
05	26	20.7	26.2	17.3	24.1	20.9	20.3	19.8	19.0	17.1	15.0	82.6	2.5	10.8	0.4	4.0	E
05	27	20.8	25.9	18.0	24.8	21.5	20.7	20.1	19.1	17.2	15.1	80.8	1.5	17.9	0.5	5.2	SE
05	28	18.6	22.5	13.5	21.9	21.0	20.6	20.2	19.3	17.3	15.2	85.4	0.0	9.0	0.1	1.9	SSW
05	29	18.7	26.4	13.1	23.6	20.7	20.1	19.8	19.2	17.4	15.3	83.7	10.0	20.4	0.6	5.3	SE
05	30	16.9	19.0	14.5	20.4	20.1	19.7	19.8	19.2	17.5	15.3	96.5	8.0	6.4	0.1	2.8	SSE
05	31	20.3	27.1	14.8	25.6	21.2	20.1	19.7	19.0	17.5	15.4	79.0	0.0	25.7	0.3	3.5	SSE
計	Total												188.0				
平均	Mean	17.2	24.0	11.5	21.7	19.1	18.6	18.1	17.4	15.8	14.1	78.3	6.1	18.1	0.4	4.6	
最大	Max.	20.8	30.8	18.0	26.5	21.7	20.9	20.2	19.3	17.5	15.4	96.5	51.0	28.3	1.2	10.6	
最低	Min.	12.8	18.9	6.5	15.9	16.4	15.9	15.4	14.9	14.0	12.8	60.0	0.0	5.3	0.1	1.9	

2016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	18.0	22.9	13.6	23.8	21.7	20.9	20.5	19.5	17.6	15.5	61.4	0.0	25.3	1.1	6.3	SE
06	2	17.8	24.8	11.2	23.7	20.9	20.4	20.1	19.5	17.7	15.6	44.6	0.0	29.4	1.2	7.5	SSE
06	3	16.3	24.4	7.1	22.7	20.5	20.2	19.9	19.4	17.8	15.7	67.7	0.0	23.3	0.5	4.1	SE
06	4	17.8	22.7	14.0	21.6	20.3	20.0	19.8	19.3	17.8	15.8	79.4	0.5	12.3	0.3	4.3	ENE
06	5	15.9	21.9	13.0	20.4	19.7	19.4	19.4	19.1	17.8	15.8	92.5	10.0	13.4	0.1	2.5	SE
06	6	18.2	24.3	12.3	21.9	19.9	19.4	19.3	18.9	17.8	15.9	80.9	0.0	19.3	0.3	4.0	SSE
06	7	18.1	22.5	14.9	21.1	20.1	19.6	19.6	19.0	17.8	16.0	87.0	3.5	9.3	0.2	4.3	SSE
06	8	19.7	25.9	14.8	23.8	20.6	19.8	19.6	19.1	17.8	16.0	81.7	0.0	20.8	0.2	3.6	S
06	9	19.2	23.8	16.2	22.2	20.9	20.3	20.1	19.3	17.8	16.1	94.0	4.5	8.7	0.0	2.0	S
06	10	21.0	28.6	14.9	25.6	21.9	20.8	20.3	19.5	17.9	16.1	80.8	0.0	27.2	0.5	5.2	SSE
06	11	20.5	27.0	14.7	24.9	22.3	21.4	20.9	19.9	18.0	16.2	77.5	0.0	22.5	0.4	4.0	SSW
06	12	20.3	25.3	15.8	23.4	21.9	21.3	21.0	20.1	18.2	16.2	86.0	5.0	10.5	0.2	3.7	NE
06	13	19.4	21.4	17.7	21.9	21.2	20.8	20.7	20.1	18.3	16.3	96.0	13.5	5.8	0.1	2.8	SSE
06	14	21.1	25.9	16.9	25.3	21.9	21.1	20.7	20.0	18.4	16.3	84.8	0.0	21.4	0.6	4.6	ESE
06	15	21.4	26.6	17.8	25.2	22.5	21.7	21.3	20.4	18.5	16.4	80.7	0.0	16.1	0.4	5.5	ENE
06	16	19.8	22.0	18.3	22.3	21.9	21.4	21.3	20.6	18.6	16.5	88.8	7.5	6.7	0.4	4.6	ENE
06	17	21.2	27.5	15.3	25.3	22.3	21.5	21.1	20.5	18.7	16.6	81.9	0.5	19.9	0.3	4.3	SE
06	18	21.8	30.5	13.8	26.5	22.7	21.9	21.5	20.6	18.8	16.6	71.5	0.0	28.2	0.3	4.6	SSW
06	19	19.7	23.8	16.8	22.9	22.5	22.1	21.8	20.9	18.9	16.7	90.8	5.0	8.1	0.1	2.6	NE
06	20	21.6	28.0	17.0	25.5	22.6	21.8	21.5	20.8	19.0	16.8	87.0	0.0	18.3	0.1	2.7	S
06	21	21.5	27.9	18.4	25.7	23.1	22.4	21.9	21.0	19.1	16.9	88.7	27.5	17.9	0.3	4.0	ENE
06	22	22.0	26.1	19.1	25.0	23.3	22.7	22.2	21.3	19.3	16.9	89.6	12.0	11.1	0.3	4.3	ENE
06	23	21.9	28.3	16.0	24.9	23.3	22.8	22.4	21.7	19.7	17.1	89.2	55.5	13.1	0.4	3.7	E
06	24	20.0	24.9	15.5	22.8	22.6	22.4	22.3	21.8	20.0	17.4	91.7	12.5	9.0	0.2	4.5	ENE
06	25	21.1	24.3	16.5	23.1	22.5	22.2	22.1	21.6	20.1	17.5	94.9	11.5	5.3	0.3	7.0	NE
06	26	19.0	26.1	13.9	23.7	22.2	22.0	21.8	21.5	20.1	17.6	85.1	0.0	20.4	0.2	3.5	SSE
06	27	20.5	28.5	14.1	24.9	22.6	22.2	21.9	21.4	20.1	17.7	79.5	2.0	22.6	0.3	5.3	ENE
06	28	18.4	21.7	15.8	21.4	21.8	21.8	21.8	21.5	20.1	17.8	95.0	17.5	5.6	0.0	2.0	E
06	29	20.3	23.0	18.3	22.2	21.6	21.4	21.4	21.2	20.1	17.8	94.3	7.5	5.1	0.1	2.5	ENE
06	30	22.4	27.4	19.4	25.3	22.6	22.0	21.6	21.2	20.0	17.9	90.4	0.0	14.0	0.1	2.5	ENE
計	Total												196.0				
平均	Mean	19.9	25.3	15.4	23.6	21.8	21.2	21.0	20.4	18.7	16.6	83.8	6.5	15.7	0.3	4.1	
最大	Max.	22.4	30.5	19.4	26.5	23.3	22.8	22.4	21.8	20.1	17.9	96.0	55.5	29.4	1.2	7.5	
最低	Min.	15.9	21.4	7.1	20.4	19.7	19.4	19.3	18.9	17.6	15.5	44.6	0.0	5.1	0.0	2.0	

2016年 07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.
07	1	24.3	31.3	18.7	28.6	24.1	23.1	22.4	21.5	20.1	18.0	81.3	0.0	25.9	0.2	3.1	S
07	2	25.2	31.7	20.1	30.0	25.4	24.3	23.4	22.1	20.1	18.0	81.2	0.0	24.4	0.2	3.9	SSE
07	3	23.8	30.4	20.2	26.6	25.1	24.5	23.9	22.7	20.3	18.1	88.8	13.0	10.2	0.2	4.6	ESE
07	4	24.3	31.5	20.2	27.5	24.9	24.2	23.7	22.8	20.6	18.2	85.8	0.5	18.8	0.2	3.6	SE
07	5	25.2	32.6	20.0	29.5	25.7	24.7	24.0	22.9	20.7	18.2	79.1	0.0	24.5	0.5	4.8	SE
07	6	23.7	29.3	20.6	28.1	26.0	25.1	24.5	23.3	20.9	18.3	86.8	1.0	15.8	0.1	2.4	SE
07	7	26.2	32.7	20.8	31.6	27.1	25.8	24.9	23.6	21.1	18.4	76.4	0.0	26.9	0.5	4.6	SE
07	8	23.6	28.1	19.5	26.9	26.2	25.7	25.3	24.0	21.3	18.5	87.3	0.0	9.3	0.1	3.1	ESE
07	9	20.7	22.8	18.8	22.9	23.9	24.0	24.1	23.8	21.6	18.6	95.9	64.0	4.4	0.2	4.2	E
07	10	23.2	30.3	17.9	27.5	24.6	23.9	23.6	23.2	21.9	18.9	85.6	0.0	23.8	0.1	2.9	SSE
07	11	24.2	32.9	18.6	29.5	26.2	25.2	24.5	23.5	21.8	19.0	73.8	0.0	27.1	0.2	3.1	SSE
07	12	23.5	30.1	18.3	27.3	25.9	25.4	24.9	23.9	21.8	19.1	84.8	0.0	12.9	0.0	1.9	W
07	13	24.0	26.9	21.4	26.8	25.7	25.3	24.9	24.0	21.9	19.2	93.3	30.0	9.3	0.1	2.8	NE
07	14	24.8	31.4	20.5	29.0	26.4	25.6	25.1	24.2	22.1	19.3	82.3	3.5	23.3	0.3	3.2	SE
07	15	22.2	26.8	18.7	26.8	26.1	25.7	25.3	24.4	22.3	19.5	84.9	0.0	15.3	0.3	3.7	E
07	16	22.1	26.6	17.7	25.4	25.1	24.9	24.7	24.2	22.4	19.5	86.7	0.0	11.1	0.2	2.8	E
07	17	24.3	28.6	21.3	26.6	25.3	24.9	24.5	24.0	22.4	19.6	88.2	0.0	9.1	0.1	2.8	E
07	18	24.8	31.8	19.3	30.6	26.7	25.7	24.9	24.0	22.3	19.7	77.2	0.0	27.1	0.4	4.0	SE
07	19	24.6	32.6	18.5	29.5	27.4	26.5	25.7	24.5	22.3	19.7	74.6	0.0	26.0	0.3	3.7	S
07	20	24.5	32.0	17.9	30.6	27.8	26.9	26.0	24.8	22.4	19.8	75.5	0.0	26.0	0.3	4.4	SSW
07	21	24.9	31.4	19.8	31.5	28.1	27.2	26.3	25.0	22.6	19.9	77.6	0.0	23.6	0.3	4.0	SSE
07	22	23.9	29.1	20.5	30.3	27.8	27.1	26.4	25.2	22.7	19.9	79.9	0.0	18.1	0.4	5.3	SSE
07	23	22.5	27.4	20.0	27.4	26.7	26.4	26.0	25.2	22.8	20.0	80.9	0.0	11.4	0.2	4.1	SSW
07	24	23.1	28.5	18.9	28.9	26.4	25.9	25.5	24.9	22.9	20.1	78.6	0.0	17.6	0.2	3.1	SE
07	25	23.6	29.4	20.3	29.2	26.7	26.2	25.7	24.8	22.9	20.1	76.7	0.0	16.5	0.2	3.1	SSE
07	26	20.3	21.4	19.0	22.9	24.8	25.1	25.2	24.8	22.9	20.2	94.3	50.5	2.8	0.2	3.0	ENE
07	27			20.4	25.7	24.2	24.0	23.9	24.0	23.1	20.3		0.5	12.5	0.2	2.5	NE
07	28	24.5	29.3	21.4	27.0	25.4	24.9	24.5	24.1	23.0	20.4	81.6	0.0	11.9	0.3	4.1	ESE
07	29	24.3	30.1	20.1	27.4	25.8	25.3	24.9	24.3	22.9	20.5	80.7	0.0	14.7	0.1	4.3	S
07	30	25.3	31.8	21.2	30.2	26.9	26.0	25.3	24.4	22.9	20.5	76.4	0.5	20.9	0.2	3.8	SSW
07	31	25.5	34.0	20.5	31.6	27.9	26.9	26.1	24.9	22.9	20.6	76.5	0.0	24.3	0.2	3.5	SSE
計	Total												163.5				
平均	Mean	23.9	29.8	19.7	28.2	26.0	25.4	24.8	24.0	22.0	19.4	82.4	5.3	17.6	0.2	3.6	
最大	Max.			21.4	31.6	28.1	27.2	26.4	25.2	23.1	20.6		64.0	27.1	0.5	5.3	
最低	Min.			17.7	22.9	23.9	23.1	22.4	21.5	20.1	18.0		0.0	2.8	0.0	1.9	

2016年 08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.
08	1	24.6	33.4	19.8	30.0	27.9	27.2	26.5	25.3	23.0	20.6	82.3	16.5	18.6	0.2	3.7	SE
08	2	24.1	31.9	20.3	27.7	26.8	26.5	26.3	25.5	23.2	20.6	85.6	31.5	17.6	0.2	4.6	SE
08	3	25.3	32.5	20.7	29.4	27.0	26.4	26.1	25.5	23.6	20.8	81.3	0.0	21.6	0.3	3.9	ESE
08	4	25.7	33.8	20.8	30.0	27.9	27.1	26.5	25.6	23.7	20.9	81.6	1.5	19.9	0.2	3.3	E
08	5	26.5	34.1	21.2	31.4	28.4	27.5	26.8	25.8	23.7	20.9	79.1	0.0	23.8	0.3	4.3	SE
08	6	26.6	33.5	21.7	32.0	28.9	28.0	27.3	26.1	23.8	21.0	80.9	0.0	21.3	0.3	5.1	SSE
08	7	26.6	32.8	22.9	31.7	28.9	28.2	27.5	26.3	23.9	21.1	80.0	0.0	17.5	0.2	3.9	SSE
08	8	27.9	36.6	20.4	33.7	29.3	28.4	27.6	26.4	24.0	21.1	69.1	0.0	25.1	0.5	5.3	SE
08	9	27.7	34.7	20.7	33.2	29.4	28.6	27.9	26.6	24.1	21.2	60.9	0.0	23.9	0.8	4.6	SE
08	10	24.5	33.4	18.5	32.0	28.8	28.2	27.7	26.6	24.2	21.3	72.5	0.0	23.6	0.2	3.7	SSE
08	11	24.9	33.9	18.1	32.0	28.5	27.9	27.4	26.5	24.3	21.4	75.9	0.0	22.3	0.2	4.0	SSE
08	12	24.9	30.8	20.8	30.5	28.3	27.8	27.4	26.5	24.3	21.4	76.9	0.0	14.5	0.3	4.1	SSE
08	13	25.4	32.5	21.0	31.7	28.1	27.5	27.1	26.3	24.4	21.5	73.5	0.0	18.2	0.3	3.4	E
08	14	25.6	31.0	22.1	31.4	28.4	27.8	27.2	26.4	24.4	21.6	79.5	0.0	15.5	0.4	4.8	ESE
08	15	25.5	31.4	22.4	30.5	28.1	27.6	27.2	26.4	24.4	21.6	82.6	0.0	12.8	0.1	2.8	SE
08	16	26.0	34.0	21.1	32.6	28.4	27.7	27.1	26.3	24.4	21.7	76.0	0.0	19.9	0.2	3.5	SSE
08	17	26.9	34.8	21.2	33.8	29.0	28.2	27.5	26.5	24.4	21.8	76.0	0.0	20.6	0.2	5.0	SSE
08	18	26.3	33.1	22.5	31.3	28.8	28.2	27.7	26.7	24.5	21.8	83.3	1.5	14.0	0.2	3.4	E
08	19	26.8	34.5	21.6	32.2	28.8	28.1	27.5	26.6	24.6	21.9	80.0	0.5	21.3	0.3	4.3	S
08	20	25.6	33.8	20.8	30.0	28.5	28.0	27.6	26.7	24.6	21.9	82.4	7.0	16.2	0.1	2.5	ESE
08	21	25.5	33.1	20.2	29.4	27.9	27.5	27.1	26.5	24.7	22.0	82.6	0.0	19.0	0.1	2.8	SSW
08	22	26.6	33.4	21.9	28.5	27.7	27.4	27.1	26.5	24.7	22.0	79.3	0.0	12.9	0.3	4.6	SE
08	23	26.2	35.0	20.8	30.4	28.0	27.4	27.0	26.4	24.7	22.1	77.8	0.0	20.0	0.3	4.7	ESE
08	24	24.3	29.2	22.5	27.4	27.5	27.3	27.1	26.5	24.7	22.1	91.0	8.0	8.4	0.1	2.8	ESE
08	25	25.2	31.6	20.9	28.3	27.0	26.8	26.6	26.2	24.7	22.2	81.9	0.0	14.8	0.2	3.5	E
08	26	25.5	33.3	20.7	29.4	27.5	27.1	26.7	26.1	24.7	22.2	79.0	0.0	17.9	0.1	2.5	SSW
08	27	24.1	29.8	22.1	27.6	27.2	27.0	26.7	26.2	24.7	22.3	89.7	2.0	10.2	0.1	3.0	SSE
08	28	23.4	29.0	20.2	26.8	26.5	26.4	26.3	26.0	24.7	22.3	90.4	7.0	10.1	0.1	3.0	S
08	29	24.4	32.2	19.6	28.2	26.6	26.3	26.1	25.8	24.6	22.3	83.2	2.5	17.8	0.2	3.3	S
08	30	20.9	27.4	16.8	26.5	26.2	26.1	26.0	25.8	24.6	22.3	82.0	4.5	18.2	0.6	5.4	SE
08	31	22.6	30.5	15.7	27.3	25.7	25.6	25.6	25.5	24.5	22.4	72.2	0.0	23.1	0.6	6.2	ENE
計	Total												82.5				
平均	Mean	25.4	32.6	20.6	30.2	27.9	27.4	27.0	26.2	24.3	21.6	79.6	2.7	18.1	0.3	3.9	
最大	Max.	27.9	36.6	22.9	33.8	29.4	28.6	27.9	26.7	24.7	22.4	91.0	31.5	25.1	0.8	6.2	
最低	Min.	20.9	27.4	15.7	26.5	25.7	25.6	25.6	25.3	23.0	20.6	60.9	0.0	8.4	0.1	2.5	



2016年 9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		
09	1	24.1	32.3	18.0	29.0	26.4	26.0	25.7	25.4	24.4	22.4	72.6	0.0	22.9	0.2	3.7	SE
09	2	23.8	32.8	17.6	29.3	26.7	26.3	26.0	25.5	24.4	22.4	74.2	0.0	20.4	0.3	4.9	SE
09	3	25.3	33.1	19.5	30.3	27.0	26.5	26.1	25.6	24.3	22.4	77.3	0.0	18.6	0.2	3.7	SW
09	4	25.4	32.0	21.4	29.2	27.2	26.8	26.4	25.7	24.3	22.4	77.2	0.0	14.3	0.4	4.6	E
09	5	23.4	28.0	20.1	26.1	26.3	26.2	26.1	25.7	24.4	22.4	89.8	5.0	8.3	0.4	5.0	ENE
09	6	24.2	30.9	21.5	27.3	26.2	25.9	25.7	25.5	24.4	22.4	89.2	5.0	12.0	0.1	2.8	E
09	7	25.6	32.2	20.9	28.5	26.7	26.2	25.9	25.5	24.4	22.4	81.8	0.0	16.2	0.3	3.9	E
09	8	23.0	26.4	19.7	25.1	26.0	26.0	25.9	25.6	24.3	22.4	92.9	28.0	5.1	0.6	5.9	NE
09	9	22.2	29.5	16.4	25.7	25.2	25.2	25.2	25.2	24.4	22.4	76.4	0.0	20.0	0.4	4.3	SE
09	10	22.4	30.9	15.6	26.9	25.3	25.1	25.1	25.0	24.3	22.4	78.0	0.0	22.7	0.3	4.3	S
09	11	22.7	29.6	18.4	25.8	25.4	25.3	25.2	25.0	24.2	22.4	85.2	0.0	11.5	0.0	2.2	SSE
09	12	23.1	27.8	19.7	25.1	25.0	25.0	25.0	24.9	24.1	22.4	86.4	0.0	7.9	0.2	4.0	E
09	13	22.7	25.1	20.8	24.2	24.5	24.6	24.7	24.7	24.1	22.4	93.6	20.0	4.0	0.2	3.5	NE
09	14	23.3	29.1	20.6	26.3	25.0	24.8	24.6	24.5	24.0	22.4	87.8	0.0	12.4	0.1	3.0	S
09	15	22.1	26.7	18.5	24.9	24.9	24.8	24.8	24.6	23.9	22.4	87.6	0.0	10.2	0.1	1.9	SSE
09	16	22.4	27.6	18.9	24.9	24.4	24.4	24.5	24.5	23.9	22.4	89.4	7.0	9.7	0.0	2.5	E
09	17	23.4	29.0	19.7	25.9	24.8	24.6	24.5	24.4	23.9	22.4	87.4	0.0	11.2	0.2	4.9	NNE
09	18	22.8	24.0	20.9	24.1	24.5	24.5	24.6	24.5	23.8	22.4	93.5	24.0	2.7	0.5	6.9	NNE
09	19	23.1	29.1	19.9	25.5	24.6	24.4	24.3	24.3	23.8	22.4	91.3	42.5	10.0	0.1	2.5	E
09	20	20.7	23.5	18.2	22.1	23.6	23.9	24.2	24.3	23.9	22.5	94.1	75.5	2.8	0.5	7.3	E
09	21	20.0	22.7	18.2	22.3	22.7	23.0	23.3	23.8	23.9	22.6	93.5	1.0	5.6	0.0	1.3	SSE
09	22	20.5	22.6	19.4	22.0	22.5	22.8	23.0	23.5	23.8	22.7	95.3	49.0	3.2	0.1	3.0	NE
09	23	21.6	23.5	20.0	23.0	22.8	22.8	22.9	23.2	23.6	22.7	93.8	14.5	4.7	0.1	3.9	NNE
09	24	20.0	22.3	18.3	21.8	22.7	22.8	23.0	23.3	23.4	22.7	94.6	1.5	3.6	0.1	4.0	NE
09	25	21.8	29.5	17.0	25.2	23.3	23.0	23.0	23.1	23.4	22.7	86.2	0.0	17.4	0.1	2.6	SW
09	26	22.9	30.2	19.3	25.4	24.1	23.8	23.6	23.4	23.3	22.6	87.6	0.0	12.0	0.1	2.2	SSE
09	27	23.1	30.1	18.4	25.6	24.4	24.1	23.9	23.7	23.3	22.6	86.3	0.0	13.4	0.1	2.8	SE
09	28	22.7	25.3	21.0	24.2	24.2	24.1	24.1	23.9	23.3	22.5	94.8	28.5	3.2	0.1	3.7	NNE
09	29	21.7	25.4	16.9	23.9	24.0	23.9	23.9	23.9	23.4	22.5	89.7	15.5	6.1	0.2	3.5	SE
09	30	19.5	25.8	13.6	23.1	23.1	23.3	23.5	23.7	23.4	22.5	88.0	16.0	12.1	0.1	2.9	SSW
計	Total												333.0				
平均	Mean	22.6	27.9	18.9	25.4	24.8	24.7	24.6	24.5	23.9	22.5	87.2	11.1	10.8	0.2	3.7	
最大	Max.	25.6	33.1	21.5	30.3	27.2	26.8	26.4	25.7	24.4	22.7	95.3	75.5	22.9	0.6	7.3	
最低	Min.	19.5	22.3	13.6	21.8	22.5	22.8	22.9	23.1	23.3	22.4	72.6	0.0	2.7	0.0	1.3	

2016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	21.7	25.2	19.2	23.8	23.2	23.2	23.3	23.5	23.4	22.5	91.7	6.5	6.9	0.1	3.5	ENE
10	2	23.4	29.1	21.2	25.8	24.1	23.8	23.6	23.5	23.3	22.5	89.5	0.5	11.3	0.1	3.4	ESE
10	3	21.1	25.3	18.0	23.1	23.9	23.9	24.0	23.8	23.3	22.5	94.9	34.5	3.5	0.1	3.1	ENE
10	4	20.7	26.5	17.6	23.1	23.2	23.3	23.4	23.6	23.4	22.5	89.6	0.0	10.8	0.2	3.4	SE
10	5	21.6	26.0	17.4	22.8	22.9	23.1	23.2	23.5	23.3	22.5	87.7	10.5	8.2	0.6	8.9	NE
10	6	20.7	26.7	15.8	23.4	23.2	23.2	23.2	23.3	23.3	22.5	74.7	0.0	18.1	0.7	4.9	SE
10	7	18.7	25.5	12.4	21.4	22.1	22.4	22.8	23.2	23.2	22.5	81.8	0.0	12.6	0.1	4.0	S
10	8	20.9	25.4	17.1	22.5	22.4	22.5	22.6	22.9	23.1	22.4	91.1	4.0	6.6	0.3	3.5	NE
10	9	17.8	21.6	11.1	20.2	22.0	22.3	22.6	22.9	23.0	22.4	88.4	30.5	6.6	0.5	5.5	ESE
10	10	16.2	23.7	11.7	20.3	20.8	21.2	21.7	22.4	22.9	22.4	81.3	0.0	14.9	0.2	2.9	SSE
10	11	15.9	22.3	11.8	19.3	20.6	21.1	21.5	22.1	22.7	22.4	86.8	0.0	9.1	0.1	1.9	SSE
10	12	15.5	23.2	10.0	18.9	20.1	20.6	21.0	21.8	22.6	22.3	75.0	0.0	14.8	0.4	3.9	SSE
10	13	12.8	21.3	7.9	17.4	19.2	19.9	20.5	21.4	22.4	22.3	83.6	0.0	12.6	0.1	3.0	SSE
10	14	12.7	20.1	8.8	16.4	18.7	19.4	20.0	21.0	22.2	22.2	86.5	0.0	10.2	0.1	2.8	SSW
10	15	14.0	23.3	8.7	17.7	18.5	19.0	19.6	20.6	22.0	22.1	81.5	0.0	17.2	0.1	3.7	S
10	16	15.9	24.9	8.8	18.6	18.7	19.1	19.5	20.4	21.7	22.0	78.5	0.0	13.5	0.2	3.7	E
10	17	17.5	22.5	15.6	19.0	19.2	19.3	19.7	20.3	21.5	22.0	93.0	34.5	5.2	0.2	4.9	ESE
10	18	18.8	26.8	14.6	20.9	20.0	19.9	19.9	20.3	21.4	21.9	87.3	0.5	14.5	0.2	3.4	SSE
10	19	19.7	26.4	15.7	21.7	20.6	20.4	20.4	20.6	21.2	21.8	86.5	0.0	12.0	0.3	4.9	ESE
10	20	19.2	26.1	14.2	21.7	21.0	20.9	20.8	20.9	21.2	21.7	75.8	0.0	15.7	0.5	3.8	SSE
10	21	14.6	21.1	9.4	18.1	19.7	20.2	20.5	20.9	21.3	21.6	81.5	0.0	10.3	0.1	2.9	SSE
10	22	16.0	21.7	12.2	18.5	19.3	19.6	20.0	20.6	21.2	21.5	87.3	0.0	8.0	0.0	2.2	SSE
10	23	15.8	22.0	12.4	18.0	19.0	19.4	19.8	20.4	21.2	21.4	75.5	0.0	9.4	0.5	4.3	SSE
10	24	12.7	20.9	7.3	17.4	18.6	19.0	19.5	20.2	21.1	21.4	74.4	0.0	15.8	0.2	2.9	SSE
10	25	12.0	14.9	7.9	14.1	17.1	18.0	18.8	19.8	20.9	21.3	92.8	2.0	2.6	0.1	3.4	NE
10	26	18.6	26.1	14.1	20.7	18.6	18.5	18.7	19.4	20.8	21.3	88.0	9.5	13.9	0.2	2.8	SSE
10	27	14.4	22.4	7.8	18.3	19.1	19.2	19.4	19.7	20.6	21.2	77.2	0.5	15.6	0.5	5.1	SSE
10	28	14.9	18.0	10.4	16.1	17.7	18.2	18.8	19.6	20.5	21.1	95.2	24.0	1.9	0.2	3.1	E
10	29	15.2	21.0	10.1	18.1	18.2	18.4	18.7	19.3	20.4	21.0	72.6	0.0	14.8	1.0	5.9	SSE
10	30	10.5	19.7	6.2	15.3	17.0	17.7	18.3	19.1	20.3	20.9	75.9	0.0	13.7	0.2	2.8	SSE
10	31	11.6	18.9	5.9	14.4	16.2	16.9	17.6	18.7	20.1	20.9	86.8	0.0	8.9	0.1	1.9	SSE
計	Total												157.5				
平均	Mean	16.8	23.2	12.3	19.6	20.2	20.4	20.8	21.3	21.9	21.9	84.3	5.1	10.9	0.3	3.7	
最大	Max.	23.4	29.1	21.2	25.8	24.1	23.9	24.0	23.8	23.4	22.5	95.2	34.5	18.1	1.0	8.9	
最低	Min.	10.5	14.9	5.9	14.1	16.2	16.9	17.6	18.7	20.1	20.9	72.6	0.0	1.9	0.0	1.9	

2016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	11.4	17.4	7.5	14.4	16.3	16.9	17.4	18.4	19.9	20.8	81.9	7.5	9.0	0.5	7.5	SSE
11	2	10.5	15.7	6.7	13.6	15.5	16.2	16.9	18.1	19.7	20.7	79.4	0.0	8.0	0.1	3.0	ESE
11	3	9.7	16.3	4.4	13.4	15.3	16.0	16.7	17.8	19.5	20.6	74.7	0.0	12.3	0.7	4.8	SE
11	4	8.6	17.3	3.5	12.3	14.5	15.3	16.1	17.4	19.3	20.5	79.2	0.0	14.1	0.3	4.1	SE
11	5	9.4	19.5	4.5	12.5	14.4	15.1	15.8	17.0	19.1	20.4	83.0	0.0	14.2	0.1	3.2	SSE
11	6	11.1	19.1	4.8	13.1	14.6	15.1	15.7	16.8	18.9	20.3	73.7	0.0	13.1	0.6	5.5	SSE
11	7	9.8	17.1	3.3	13.2	14.3	14.9	15.5	16.7	18.7	20.2	83.5	0.0	12.2	0.1	4.1	SSW
11	8	12.1	16.1	7.8	13.8	14.9	15.3	15.7	16.6	18.5	20.0	89.7	7.5	3.9	0.2	4.5	SE
11	9	6.9	12.7	3.0	10.8	13.8	14.7	15.5	16.5	18.3	19.9	63.6	0.0	11.7	1.3	6.7	SSE
11	10	7.0	11.0	1.2	9.0	12.2	13.3	14.4	16.0	18.2	19.8	72.1	0.5	5.2	0.3	4.6	S
11	11	11.4	19.4	6.1	14.0	13.6	13.9	14.4	15.6	18.0	19.7	88.0	7.5	11.9	0.3	4.1	SSE
11	12	9.6	18.7	5.4	12.4	13.7	14.2	14.7	15.7	17.7	19.5	83.2	0.0	13.1	0.3	4.6	SE
11	13	11.5	20.7	6.4	13.3	13.9	14.3	14.7	15.6	17.6	19.4	87.2	0.0	11.3	0.1	2.5	SSE
11	14	11.5	14.2	8.4	12.5	14.0	14.4	14.9	15.7	17.5	19.3	95.1	9.0	2.3	0.0	2.1	E
11	15	14.0	18.7	9.3	15.0	14.9	14.9	15.1	15.7	17.4	19.2	87.4	5.5	7.1	0.5	4.3	SSE
11	16	7.9	15.2	3.8	11.3	13.9	14.5	15.1	15.9	17.3	19.1	71.2	0.0	12.9	0.5	5.8	S
11	17	8.7	16.9	2.9	10.6	12.9	13.7	14.4	15.5	17.3	19.0	80.7	0.0	9.3	0.4	3.5	SSE
11	18	8.9	17.8	2.5	10.7	12.6	13.3	13.9	15.1	17.1	18.9	87.9	0.0	9.2	0.1	2.0	S
11	19	12.9	15.9	9.8	12.8	13.4	13.7	14.1	15.0	17.0	18.7	96.5	18.0	1.6	0.3	7.6	ENE
11	20	14.0	20.8	9.9	14.9	14.4	14.4	14.5	15.1	16.8	18.6	91.4	0.0	9.3	0.1	2.6	SSE
11	21	12.4	15.6	9.3	13.0	14.3	14.6	14.9	15.4	16.7	18.5	95.4	0.5	2.9	0.0	2.9	ESE
11	22	13.7	20.5	8.7	15.4	15.1	15.0	15.1	15.5	16.7	18.4	86.5	0.0	9.9	0.3	4.2	SSE
11	23	9.0	14.3	5.1	11.8	14.1	14.7	15.1	15.7	16.7	18.3	67.7	0.0	10.2	0.6	5.8	S
11	24	5.6	9.7	2.1	9.1	12.4	13.4	14.2	15.3	16.7	18.2	91.6	5.5	4.3	0.1	2.8	SE
11	25	5.3	12.9	1.8	9.1	11.6	12.4	13.3	14.7	16.6	18.2	88.6	0.0	10.1	0.2	4.0	S
11	26	7.1	15.5	0.9	9.6	11.2	12.0	12.8	14.2	16.4	18.1	84.9	2.0	11.5	0.2	3.8	SE
11	27	10.2	12.2	7.8	11.2	12.1	12.5	12.9	14.0	16.2	18.0	96.8	27.0	2.2	0.1	2.8	SSE
11	28	7.9	12.7	0.9	9.4	12.1	12.6	13.1	14.0	16.0	17.9	72.0	0.0	8.1	1.0	6.2	SSE
11	29	5.4	13.4	-0.4	7.4	10.5	11.5	12.3	13.7	15.8	17.8	72.6	0.0	10.6	0.7	5.6	SSE
11	30	5.7	12.6	-0.5	7.3	9.9	10.8	11.7	13.2	15.6	17.7	80.8	0.0	5.8	0.1	4.6	S
計	Total												90.5				
平均	Mean	9.6	16.0	4.9	11.9	13.5	14.1	14.7	15.7	17.6	19.2	82.9	3.0	8.9	0.3	4.3	
最大	Max.	14.0	20.8	9.9	15.4	16.3	16.9	17.4	18.4	19.9	20.8	96.8	27.0	14.2	1.3	7.6	
最低	Min.	5.3	9.7	-0.5	7.3	9.9	10.8	11.7	13.2	15.6	17.7	63.6	0.0	1.6	0.0	2.0	

2016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											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.	
12	1	10.5	15.5	7.3	11.0	11.2	11.6	12.0	13.0	15.4	17.6	86.9	0.0	4.8	0.2	3.8	SSE	
12	2	7.4	13.4	0.7	9.3	11.4	11.9	12.3	13.2	15.2	17.4	66.7	0.0	11.1	0.8	5.5	SSE	
12	3	5.7	16.1	0.1	7.6	10.3	11.1	11.8	13.0	15.1	17.3	82.0	0.0	11.5	0.2	4.3	SSE	
12	4	9.1	16.6	3.4	9.6	10.5	11.0	11.6	12.8	15.0	17.2	87.8	10.5	8.3	0.1	3.1	ESE	
12	5	10.1	16.4	5.7	12.1	12.0	12.0	12.2	12.9	14.9	17.1	88.4	0.5	9.4	0.2	4.0	S	
12	6	6.3	12.5	0.9	8.1	11.2	11.8	12.3	13.1	14.8	17.0	77.4	1.0	7.3	0.8	6.5	SSE	
12	7	3.4	11.7	-2.3	6.3	9.5	10.4	11.3	12.7	14.7	16.9	78.7	0.0	11.7	0.3	3.7	SSE	
12	8	4.1	12.5	0.0	6.9	9.5	10.2	10.9	12.3	14.6	16.8	82.3	0.0	10.4	0.3	5.3	S	
12	9	6.2	14.1	0.5	7.2	9.2	9.9	10.6	12.0	14.4	16.7	85.0	0.5	6.7	0.2	3.3	SE	
12	10	4.4	9.8	0.1	6.3	9.4	10.0	10.7	11.9	14.2	16.6	69.9	0.0	9.8	0.9	7.0	SSE	
12	11	2.0	9.9	-3.2	3.9	7.9	9.0	10.0	11.5	14.1	16.4	68.5	0.0	9.6	0.6	4.8	SSE	
12	12	2.3	10.4	-3.9	3.6	7.1	8.2	9.3	11.0	13.9	16.3	74.1	0.0	8.2	0.2	4.0	S	
12	13	6.7	10.2	2.5	7.0	8.0	8.6	9.3	10.7	13.6	16.2	94.8	27.5	1.8	0.1	2.6	ESE	
12	14	6.8	12.5	-1.3	8.0	9.2	9.5	9.8	10.7	13.4	16.1	68.2	9.0	9.9	1.4	6.5	S	
12	15	1.5	7.9	-2.4	3.8	7.5	8.5	9.4	10.7	13.1	16.0	68.8	0.0	11.3	0.7	5.5	SSE	
12	16	1.3	7.9	-3.1	4.0	7.0	7.9	8.8	10.3	13.0	15.8	68.8	0.0	10.7	0.8	6.6	SSE	
12	17	1.5	7.9	-3.1	3.4	6.4	7.4	8.3	9.9	12.8	15.6	83.6	0.0	5.6	0.2	3.5	S	
12	18	3.7	13.1	-1.5	4.8	6.7	7.4	8.2	9.7	12.6	15.5	85.6	0.0	10.7	0.3	4.0	S	
12	19	5.3	15.4	0.8	6.2	7.6	8.0	8.5	9.7	12.4	15.4	85.5	0.0	10.7	0.2	3.0	S	
12	20	6.3	13.5	2.2	6.0	7.9	8.4	8.8	9.8	12.3	15.2	91.5	0.0	3.9	0.0	2.1	ESE	
12	21	6.7	16.9	1.6	6.8	8.1	8.5	8.9	9.9	12.2	15.1	87.6	0.0	9.7	0.1	2.4	ESE	
12	22	11.8	16.9	5.2	9.8	8.9	9.0	9.2	10.0	12.2	15.0	96.0	67.5	1.0	1.0	9.1	ENE	
12	23	8.5	13.9	3.5	11.6	11.7	11.4	11.0	10.7	11.8	14.7	85.1	0.5	6.8	0.8	5.7	SSW	
12	24	3.6	10.4	-0.7	6.9	9.5	10.0	10.5	11.0	11.9	14.5	80.1	0.0	10.1	0.3	4.3	S	
12	25	3.6	11.3	-0.4	6.0	8.4	9.1	9.7	10.6	12.1	14.4	77.0	0.0	10.0	0.3	4.3	S	
12	26	6.0	11.4	0.9	6.2	7.9	8.5	9.2	10.3	12.1	14.3	87.8	3.5	5.1	0.1	2.0	ESE	
12	27	8.9	13.1	3.2	8.9	9.3	9.4	9.6	10.2	12.0	14.3	88.7	16.5	2.8	0.8	5.8	ESE	
12	28	1.8	7.3	-3.4	4.6	8.0	8.8	9.4	10.3	11.9	14.2	66.3	0.0	11.5	0.8	5.5	S	
12	29	2.7	8.5	-3.3	5.4	7.1	7.8	8.6	9.8	11.9	14.2	77.6	0.0	9.8	0.3	3.5	SSW	
12	30	1.6	7.9	-3.2	4.0	6.9	7.7	8.4	9.6	11.7	14.1	71.9	0.0	10.5	0.7	6.1	S	
12	31	1.8	10.4	-3.6	3.6	6.0	6.9	7.7	9.2	11.6	14.0	79.7	0.0	11.0	0.4	4.1	S	
計	Total												137.0					
平均	Mean	5.2	12.1	0.1	6.7	8.7	9.4	9.9	11.0	13.2	15.7	80.4	4.4	8.4	0.4	4.6		
最大	Max.	11.8	16.9	7.3	12.1	12.0	12.0	12.3	13.2	15.4	17.6	96.0	67.5	11.7	1.4	9.1		
最低	Min.	1.3	7.3	-3.9	3.4	6.0	6.9	7.7	9.2	11.6	14.0	66.3	0.0	1.0	0.0	2.0		