

2022年 01月  
Jan. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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.	
01	1	-1.9	3.1	-6.4	0.5	3.6	4.8	5.8	7.5	10.5	13.6	79.4	0.5	10.8	0.9	5.9	S	
01	2	-1.1	6.7	-6.4	0.2	3.2	4.4	5.3	7.1	10.3	13.5	85.2	0.0	10.2	0.2	2.6	S	
01	3	1.1	7.3	-2.8	1.9	3.9	4.7	5.4	6.9	10.1	13.4	89.7	0.0	6.8	0.2	2.6	S	
01	4	2.0	6.8	-2.4	2.5	4.3	5.0	5.6	6.9	9.9	13.2	82.8	0.0	6.8	1.0	5.0	S	
01	5	0.4	5.5	-3.0	1.4	3.9	4.8	5.5	6.9	9.8	13.1	63.0	0.0	11.4	0.9	6.1	S	
01	6	-0.4	3.9	-3.1	1.5	3.7	4.7	5.4	6.8	9.7	13.0	91.2	1.0	2.2	0.0	1.7	SSE	
01	7	0.9	7.0	-2.9	1.3	3.5	4.4	5.2	6.6	9.6	12.9	70.9	0.0	12.1	1.0	5.8	S	
01	8	0.2	8.4	-4.4	1.1	3.5	4.4	5.1	6.5	9.5	12.8	73.9	0.0	11.8	0.4	4.6	S	
01	9	2.3	10.5	-3.5	2.0	3.6	4.4	5.0	6.4	9.3	12.6	82.0	0.0	10.3	0.3	4.3	S	
01	10	4.4	13.1	-1.2	3.9	4.8	5.2	5.5	6.5	9.2	12.5	74.4	0.0	11.7	0.3	4.1	SSW	
01	11	3.7	6.7	0.9	4.1	5.1	5.5	5.9	6.8	9.2	12.4	98.6	17.5	1.2	0.3	4.2	SSE	
01	12	0.4	4.1	-1.9	2.6	4.6	5.3	5.8	6.9	9.2	12.3	78.3	0.0	11.2	1.0	6.4	S	
01	13	0.3	3.7	-1.9	1.4	3.7	4.7	5.4	6.7	9.1	12.2	81.4	0.0	3.9	1.0	7.6	S	
01	14	-0.5	3.7	-2.6	2.2	3.5	4.4	5.1	6.4	9.0	12.1	86.0	0.5	8.3	1.0	6.1	S	
01	15	0.4	7.2	-3.6	1.2	3.2	4.2	4.9	6.2	8.9	12.0	73.4	0.0	9.2	0.9	5.2	S	
01	16	1.1	9.7	-4.1	1.9	3.3	4.1	4.7	6.1	8.8	12.0	86.2	0.0	11.7	0.2	3.1	S	
01	17	2.7	7.3	-0.4	3.4	4.3	4.8	5.1	6.2	8.7	11.9	87.6	0.0	5.5	0.7	5.1	SSE	
01	18	-0.4	4.8	-4.2	2.3	3.9	4.7	5.2	6.3	8.6	11.8	82.3	0.0	8.4	1.0	7.7	S	
01	19	-1.3	5.9	-6.0	1.2	3.3	4.2	4.9	6.2	8.6	11.7	82.6	0.0	11.5	0.3	3.4	S	
01	20	-0.7	5.3	-4.3	0.9	3.0	4.0	4.6	6.0	8.5	11.6	84.2	0.0	6.5	0.5	5.8	S	
01	21	-1.0	4.7	-5.8	0.6	2.7	3.7	4.4	5.8	8.4	11.5	67.8	0.0	11.4	0.9	5.2	S	
01	22	-1.0	7.4	-6.2	0.6	2.6	3.5	4.2	5.6	8.3	11.4	72.8	0.0	13.1	0.5	4.4	SSE	
01	23	-0.5	3.5	-4.4	0.2	2.4	3.3	4.1	5.5	8.2	11.3	93.9	11.0	2.3	0.0	1.9	E	
01	24	2.8	9.6	-2.8	3.1	3.4	3.8	4.2	5.4	8.1	11.3	82.7	0.5	10.9	0.6	5.5	SSW	
01	25	2.7	10.2	-2.8	3.7	3.9	4.3	4.6	5.6	8.0	11.2	87.4	0.0	6.1	0.1	2.8	SSE	
01	26	3.5	10.5	-2.3	4.2	4.6	4.9	5.1	5.8	8.0	11.1	81.3	0.0	12.4	0.5	4.9	S	
01	27	3.9	10.0	-1.2	3.8	4.8	5.2	5.4	6.1	8.0	11.0	60.4	0.0	12.6	0.9	5.1	S	
01	28	1.7	9.2	-3.5	3.3	4.3	4.9	5.3	6.2	8.0	10.9	69.1	0.0	12.1	0.4	4.0	S	
01	29	1.0	8.1	-3.2	2.9	4.1	4.8	5.2	6.2	8.1	10.9	81.8	0.0	8.4	0.3	5.8	S	
01	30	0.2	5.8	-3.9	1.9	3.8	4.5	5.1	6.1	8.1	10.8	79.0	0.0	5.7	0.2	2.8	S	
01	31	0.7	8.7	-4.5	1.6	3.5	4.3	4.8	5.9	8.0	10.7	64.0	0.0	12.8	0.7	5.5	S	
計	Total												31.0					
平均	Mean	0.9	7.0	-3.4	2.0	3.7	4.5	5.1	6.3	8.9	12.0	79.8	1.0	9.0	0.5	4.7		
最高	Max.	4.4	13.1	0.9	4.2	5.1	5.5	5.9	7.5	10.5	13.6	98.6	17.5	13.1	1.0	7.7		
最低	Min.	-1.9	3.1	-6.4	0.2	2.4	3.3	4.1	5.4	8.0	10.7	60.4	0.0	1.2	0.0	1.7		

2022年 02月  
Feb. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	1.5	8.0	-4.8	2.5	3.6	4.2	4.7	5.8	8.0	10.7	76.7	0.0	11.9	0.4	4.8	S
02	2	1.4	7.5	-2.7	3.5	4.3	4.7	5.0	5.8	7.9	10.7	80.2	0.0	11.9	0.5	4.9	S
02	3	1.0	7.1	-3.2	2.6	4.0	4.6	5.0	5.9	7.9	10.6	83.1	0.0	7.2	0.4	4.6	S
02	4	1.3	8.2	-3.5	2.9	4.0	4.6	5.0	5.9	7.9	10.5	77.4	0.0	11.6	0.6	4.0	S
02	5	-1.1	1.3	-2.5	2.1	3.8	4.5	5.0	5.9	7.8	10.5	97.1	1.5	1.5	0.8	4.8	SSE
02	6	-1.9	0.2	-4.4	1.8	3.4	4.1	4.7	5.8	7.8	10.4	99.8	0.0	0.6	0.2	2.9	S
02	7	-1.4	5.7	-7.5	1.7	3.2	3.9	4.5	5.6	7.8	10.4	88.6	9.0	9.3	0.2	4.0	S
02	8	1.6	9.8	-2.7	3.6	3.5	4.0	4.4	5.5	7.7	10.3	84.0	1.0	12.0	0.2	3.1	S
02	9	2.3	11.0	-3.3	3.9	4.1	4.5	4.7	5.6	7.6	10.3	78.0	0.0	15.2	0.2	4.6	SW
02	10	1.5	3.6	-0.6	3.4	4.3	4.8	5.1	5.8	7.6	10.2	99.2	17.0	2.0	0.1	2.8	S
02	11	2.4	10.4	-2.7	3.4	4.1	4.6	4.9	5.7	7.6	10.2	79.1	0.5	16.0	0.5	4.3	S
02	12	1.6	11.4	-4.2	3.1	4.0	4.6	5.0	5.8	7.6	10.1	77.6	0.0	13.9	0.3	3.7	S
02	13	2.1	9.6	-2.8	3.1	4.0	4.5	4.9	5.8	7.5	10.1	91.5	6.5	4.7	0.1	2.5	S
02	14	4.1	10.8	1.1	5.8	4.9	5.1	5.2	5.8	7.5	10.0	85.6	0.0	10.7	0.2	4.4	S
02	15	4.7	10.8	0.6	5.8	5.5	5.6	5.7	6.2	7.5	10.0	83.3	0.5	8.5	0.3	5.3	S
02	16	0.7	5.2	-3.1	3.2	5.0	5.5	5.8	6.4	7.6	9.9	79.1	0.5	7.7	0.6	5.2	SSE
02	17	-2.5	2.6	-5.4	1.1	3.3	4.3	5.0	6.1	7.7	9.9	91.4	1.0	6.4	0.6	6.1	S
02	18	-0.4	8.0	-5.6	1.9	3.2	3.9	4.5	5.7	7.6	9.9	82.0	0.0	14.7	0.4	4.5	S
02	19	2.5	9.5	-3.9	2.9	3.5	4.1	4.5	5.5	7.5	9.8	88.6	12.0	6.9	0.2	5.4	E
02	20	2.5	8.2	-2.3	4.9	4.8	5.0	5.1	5.7	7.4	9.8	86.4	2.5	12.1	1.1	8.5	S
02	21	-0.8	4.3	-5.3	2.0	3.7	4.4	4.9	5.8	7.4	9.8	73.9	0.0	12.1	1.0	6.0	S
02	22	-0.8	3.9	-3.9	1.7	3.1	3.9	4.5	5.6	7.4	9.7	87.8	0.0	5.8	0.4	5.5	SSE
02	23	-0.2	6.5	-4.5	2.1	3.2	3.8	4.3	5.4	7.3	9.7	77.5	0.0	12.0	0.7	5.1	S
02	24	-0.4	7.4	-6.4	1.6	3.1	3.8	4.2	5.3	7.2	9.6	68.7	0.0	15.7	0.7	5.8	S
02	25	1.6	9.0	-5.0	2.6	3.4	3.9	4.2	5.2	7.2	9.6	65.6	0.0	17.7	0.8	5.7	S
02	26	2.6	11.9	-2.9	4.4	4.2	4.4	4.6	5.3	7.1	9.5	73.3	0.0	18.2	0.3	3.9	S
02	27	2.9	10.5	-2.5	4.0	4.3	4.7	5.0	5.6	7.1	9.5	71.5	0.0	9.7	0.7	5.9	SSE
02	28	4.8	12.6	-2.3	4.7	4.8	5.0	5.1	5.7	7.1	9.4	63.5	0.0	15.4	0.8	6.2	S
計	Total												52.0				
平均	Mean	1.2	7.7	-3.4	3.1	3.9	4.5	4.8	5.7	7.6	10.0	81.8	1.9	10.4	0.5	4.8	
最高	Max.	4.8	12.6	1.1	5.8	5.5	5.6	5.8	6.4	8.0	10.7	99.8	17.0	18.2	1.1	8.5	
最低	Min.	-2.5	0.2	-7.5	1.1	3.1	3.8	4.2	5.2	7.1	9.4	63.5	0.0	0.6	0.1	2.5	

2022年 03月  
Mar. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	3.7	10.6	-1.3	4.1	4.7	5.1	5.4	5.9	7.2	9.4	86.1	2.5	3.8	0.2	3.7	SE
03	2	5.1	13.8	-1.1	6.0	5.7	5.6	5.6	6.0	7.2	9.4	81.5	0.0	14.8	0.4	3.8	S
03	3	4.6	12.8	-1.5	5.5	5.7	5.9	6.0	6.3	7.3	9.3	69.2	0.0	13.9	0.9	6.4	S
03	4	3.4	11.6	-3.5	5.3	5.6	5.9	6.0	6.4	7.4	9.3	64.2	0.0	17.2	0.3	5.0	SSE
03	5	5.5	15.7	-1.9	6.5	6.0	6.1	6.2	6.5	7.5	9.3	70.1	0.0	14.6	0.7	5.0	SSE
03	6	2.2	7.1	-1.6	5.0	5.9	6.3	6.4	6.7	7.6	9.3	69.5	0.0	13.0	1.1	6.8	S
03	7	1.9	9.4	-4.1	4.7	5.3	5.7	6.0	6.6	7.6	9.3	73.6	0.0	16.7	0.6	4.9	S
03	8	3.1	13.1	-3.8	5.9	5.5	5.8	6.0	6.6	7.7	9.3	71.6	0.0	19.1	0.4	4.5	SSW
03	9	3.6	11.9	-3.0	5.5	5.6	5.9	6.2	6.7	7.7	9.3	73.0	0.0	11.5	0.2	2.6	S
03	10	5.0	15.7	-2.1	6.6	5.9	6.1	6.2	6.7	7.7	9.3	66.1	0.0	18.1	0.2	4.7	SSW
03	11	7.6	17.5	-0.1	7.9	6.8	6.7	6.7	6.9	7.8	9.3	69.9	0.0	18.1	0.2	3.7	SSW
03	12	10.3	20.5	2.4	9.9	8.1	7.7	7.4	7.3	7.8	9.3	69.3	0.0	19.2	0.5	5.2	S
03	13	13.5	21.5	5.9	12.2	9.4	8.8	8.3	7.9	8.0	9.4	70.6	0.0	14.4	0.4	4.5	ESE
03	14	13.6	21.1	8.5	14.3	11.5	10.5	9.7	8.8	8.2	9.4	83.8	14.5	19.0	0.4	3.8	S
03	15	11.9	18.2	3.1	14.2	11.8	11.2	10.6	9.7	8.6	9.4	75.6	0.0	17.1	0.7	6.2	SSE
03	16	10.1	21.2	1.5	11.6	10.8	10.7	10.4	10.0	9.0	9.5	61.6	0.0	20.3	0.4	4.9	S
03	17	10.1	19.4	3.0	10.5	10.5	10.5	10.3	10.1	9.3	9.5	60.9	0.0	14.6	0.4	4.6	S
03	18	9.2	11.6	6.5	10.3	10.3	10.3	10.3	10.1	9.5	9.6	92.1	30.0	2.0	0.2	4.6	SE
03	19	7.9	12.9	0.7	10.4	10.3	10.2	10.1	10.0	9.6	9.7	85.7	2.5	13.9	0.8	5.2	S
03	20	4.6	12.4	-1.4	8.0	8.9	9.4	9.6	9.9	9.7	9.8	73.7	0.0	18.4	0.6	5.2	S
03	21	6.2	14.5	-0.5	9.9	8.8	9.1	9.2	9.6	9.8	9.9	69.2	0.0	19.4	0.5	5.7	S
03	22	4.1	6.9	-0.5	7.8	8.7	9.1	9.3	9.6	9.7	10.0	94.2	8.5	4.6	0.2	2.8	SSE
03	23	4.7	11.4	-0.9	7.5	7.9	8.3	8.6	9.3	9.7	10.1	87.6	0.0	12.4	0.2	2.9	WSW
03	24	7.2	15.5	0.0	9.6	8.9	8.9	8.9	9.2	9.7	10.1	72.6	0.0	22.0	0.7	5.2	S
03	25	8.8	17.5	-0.3	10.1	9.3	9.2	9.2	9.3	9.7	10.2	74.3	0.0	20.2	0.4	4.9	SE
03	26	12.6	15.9	9.0	11.3	10.3	10.1	9.9	9.7	9.7	10.2	91.6	39.0	1.2	1.1	6.2	ENE
03	27	12.7	19.7	4.2	15.0	12.3	11.5	10.9	10.3	9.8	10.2	75.1	3.0	23.3	0.8	5.8	S
03	28	9.0	16.1	3.4	11.8	11.3	11.3	11.1	10.8	10.0	10.2	64.5	0.0	18.4	0.7	7.2	S
03	29	9.7	15.6	5.2	11.7	11.0	11.0	10.9	10.8	10.2	10.3	78.5	0.0	7.5	0.1	2.5	S
03	30	12.9	21.1	6.8	14.2	12.1	11.5	11.1	10.9	10.4	10.3	78.6	0.0	20.2	0.2	4.0	S
03	31	12.4	17.1	7.5	13.8	12.6	12.2	11.8	11.3	10.5	10.4	85.4	0.0	7.7	0.3	3.4	SSW
計	Total												100.0				
平均	Mean	7.6	15.1	1.3	9.3	8.6	8.6	8.5	8.6	8.8	9.7	75.5	3.2	14.7	0.5	4.7	
最高	Max.	13.6	21.5	9.0	15.0	12.6	12.2	11.8	11.3	10.5	10.4	94.2	39.0	23.3	1.1	7.2	
最低	Min.	1.9	6.9	-4.1	4.1	4.7	5.1	5.4	5.9	7.2	9.3	60.9	0.0	1.2	0.1	2.5	

2022年 04月  
Apr. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	7.2	14.0	0.7	12.0	11.5	11.7	11.6	11.5	10.7	10.5	50.3	1.0	19.7	1.2	6.3	SSW
04	2	6.6	14.0	-1.3	10.5	10.2	10.6	10.9	11.2	10.8	10.5	70.6	1.0	14.5	0.3	3.8	S
04	3	7.6	11.0	5.2	10.5	10.5	10.7	10.8	11.0	10.9	10.6	93.3	0.5	5.0	0.1	3.2	SE
04	4	11.2	20.3	4.7	13.2	11.3	11.0	10.8	10.9	10.9	10.7	74.8	0.0	19.7	0.5	4.6	SSW
04	5	11.8	21.3	2.7	13.4	11.9	11.6	11.4	11.2	10.9	10.7	63.8	0.0	24.5	0.5	4.4	SSE
04	6	12.7	22.2	5.4	14.9	13.0	12.5	12.0	11.6	11.0	10.8	65.3	0.0	23.5	0.3	4.8	SSW
04	7	12.7	21.1	4.4	14.3	13.1	12.8	12.4	12.0	11.1	10.9	62.4	0.0	21.5	0.6	5.8	ESE
04	8	12.2	22.0	4.5	14.9	13.5	13.1	12.7	12.2	11.3	10.9	58.2	0.0	24.6	0.7	6.6	S
04	9	13.5	23.6	4.4	15.6	13.6	13.2	12.9	12.4	11.5	11.0	64.6	0.0	23.6	0.4	4.5	SE
04	10	16.1	26.8	6.9	17.1	14.6	13.9	13.4	12.7	11.6	11.1	60.7	0.0	24.1	0.3	4.0	S
04	11	15.7	24.8	8.7	18.1	15.3	14.6	14.1	13.2	11.8	11.1	70.9	0.0	21.1	0.5	4.6	ESE
04	12	17.4	26.7	9.0	19.2	16.0	15.2	14.5	13.6	12.1	11.2	74.0	0.0	24.2	0.4	3.7	SE
04	13	19.5	28.3	12.2	21.3	17.2	16.2	15.3	14.2	12.3	11.3	75.2	0.0	21.3	0.3	3.7	SSW
04	14	18.1	24.9	14.6	20.1	17.6	16.9	16.1	14.8	12.6	11.4	88.4	16.0	10.1	0.4	5.3	E
04	15	14.8	18.1	10.9	17.3	16.6	16.4	16.2	15.5	13.2	11.6	97.1	8.5	4.5	0.0	2.2	SSW
04	16	12.5	19.8	4.0	16.2	15.8	15.8	15.6	15.2	13.5	11.7	63.0	0.0	25.2	0.9	6.7	S
04	17	10.0	13.3	4.0	14.2	14.3	14.7	14.9	14.9	13.6	11.9	95.6	5.5	6.3	0.0	1.8	SSE
04	18	11.3	13.3	7.4	13.9	14.1	14.2	14.3	14.4	13.6	12.0	98.8	21.5	3.9	0.0	2.7	SSE
04	19	11.8	29.3	4.8	14.7	13.9	13.9	13.9	14.0	13.5	12.1	75.3	0.0	22.6	0.3	3.9	SSE
04	20	13.4	22.4	4.7	15.5	14.3	14.2	14.1	14.0	13.5	12.2	76.1	0.0	22.0	0.3	4.3	SSE
04	21	13.8	20.0	9.6	15.2	14.7	14.6	14.4	14.2	13.4	12.3	86.3	19.0	8.9	0.3	3.1	ESE
04	22	16.2	23.7	9.8	18.7	15.7	15.1	14.7	14.3	13.5	12.4	82.9	0.0	21.8	0.3	4.0	SSE
04	23	15.7	24.3	9.0	17.5	16.1	15.7	15.3	14.7	13.6	12.5	79.0	0.0	19.9	0.5	4.8	SSE
04	24	14.5	17.9	10.6	16.6	15.9	15.7	15.5	15.0	13.7	12.5	96.2	6.0	5.0	0.0	1.8	E
04	25	18.3	27.2	11.5	20.4	17.0	16.2	15.6	15.0	13.8	12.6	82.5	0.0	24.5	0.3	3.6	ESE
04	26	18.3	20.6	14.5	18.9	17.4	16.9	16.4	15.6	14.0	12.7	95.4	18.0	3.7	0.7	7.5	ENE
04	27	19.0	24.4	11.6	21.2	18.6	17.7	17.0	16.1	14.2	12.8	87.1	15.5	13.9	0.3	3.7	SE
04	28	15.7	22.6	11.0	19.7	17.9	17.6	17.2	16.4	14.6	12.9	87.1	0.0	15.3	0.2	3.8	SSE
04	29	13.3	17.7	8.6	16.1	17.0	17.0	17.0	16.5	14.8	13.0	91.6	39.5	4.2	0.6	6.4	SSE
04	30	12.9	20.7	4.7	16.1	15.6	15.8	15.9	16.1	15.1	13.2	69.8	0.0	26.7	1.0	4.8	SE
計	Total												152.0				
平均	Mean	13.8	21.2	7.3	16.2	14.8	14.5	14.2	13.8	12.7	11.7	77.9	5.1	16.9	0.4	4.3	
最高	Max.	19.5	29.3	14.6	21.3	18.6	17.7	17.2	16.5	15.1	13.2	98.8	39.5	26.7	1.2	7.5	
最低	Min.	6.6	11.0	-1.3	10.5	10.2	10.6	10.8	10.9	10.7	10.5	50.3	0.0	3.7	0.0	1.8	

2022年 05月  
May 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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.
05	1	12.0	15.9	6.1	14.7	15.5	15.8	15.9	15.8	15.0	13.3	85.8	11.0	5.2	0.7	4.7	E
05	2	10.5	19.6	3.0	14.3	14.6	14.9	15.1	15.4	15.0	13.4	67.6	0.0	23.9	0.6	5.3	SSE
05	3	10.1	19.9	2.5	15.0	14.6	14.8	14.9	15.1	14.9	13.5	66.6	0.0	27.6	0.5	4.6	SSE
05	4	13.4	24.3	4.0	16.6	15.1	15.0	15.0	15.1	14.8	13.6	62.7	0.0	26.9	0.2	4.0	ESE
05	5	16.3	27.0	7.2	18.7	16.4	16.0	15.6	15.3	14.7	13.6	63.8	0.0	27.0	0.4	5.8	SE
05	6	15.6	23.6	9.8	18.8	16.9	16.6	16.2	15.7	14.8	13.6	80.2	0.0	17.9	0.3	4.9	E
05	7	17.7	26.6	10.3	19.9	17.4	16.9	16.5	16.0	14.9	13.7	78.2	0.0	19.7	0.2	3.6	SE
05	8	15.2	23.3	7.5	20.0	17.9	17.4	17.0	16.3	15.0	13.7	64.8	0.0	27.4	0.4	4.2	SE
05	9	11.9	17.5	7.5	15.7	16.4	16.7	16.8	16.5	15.2	13.8	90.1	6.0	3.3	0.2	5.0	NW
05	10	14.2	22.4	7.5	18.4	16.2	16.1	16.0	16.1	15.3	13.8	83.5	0.0	23.2	0.2	4.1	SE
05	11	16.0	24.2	9.7	19.9	17.1	16.8	16.5	16.1	15.3	13.9	76.6	0.0	18.2	0.2	3.1	E
05	12	16.1	21.3	11.3	18.7	17.4	17.1	16.9	16.4	15.3	14.0	90.0	8.5	9.2	0.2	3.4	E
05	13	18.3	20.9	15.4	19.7	17.7	17.2	17.0	16.6	15.4	14.0	96.9	34.5	6.5	0.2	4.9	ENE
05	14	17.9	22.7	9.9	21.4	18.9	18.2	17.8	17.1	15.6	14.1	84.7	14.5	17.0	0.5	5.7	ESE
05	15	12.4	16.7	6.8	16.3	17.2	17.5	17.5	17.3	15.9	14.2	75.5	0.0	9.0	0.2	3.5	SSE
05	16	13.5	19.0	9.2	16.6	16.4	16.6	16.7	16.8	16.0	14.3	81.2	0.0	10.4	0.1	2.7	SSE
05	17	13.3	18.6	9.7	16.0	16.2	16.3	16.4	16.5	15.9	14.4	88.9	0.0	7.1	0.0	1.5	SE
05	18	16.4	26.0	8.7	19.0	16.8	16.5	16.3	16.3	15.9	14.5	68.1	0.0	28.0	0.3	3.4	SE
05	19	16.9	26.1	8.4	19.3	17.5	17.2	16.9	16.6	15.8	14.5	71.2	0.0	23.3	0.2	2.6	SE
05	20	16.8	24.3	10.8	19.4	17.8	17.6	17.3	16.8	15.8	14.6	77.6	0.0	13.6	0.0	2.5	SE
05	21	15.4	18.6	13.5	17.8	17.5	17.5	17.3	17.0	15.9	14.6	89.5	0.5	4.6	0.0	3.1	ESE
05	22	17.8	26.0	12.6	21.3	18.1	17.6	17.3	16.9	16.0	14.6	76.6	2.5	26.4	0.3	3.9	SE
05	23	18.4	27.2	11.1	22.0	19.0	18.4	17.9	17.3	16.1	14.7	67.4	0.0	28.6	0.5	5.1	SE
05	24	18.6	27.2	11.9	22.5	19.3	18.8	18.3	17.6	16.2	14.7	77.0	0.0	24.0	0.4	4.2	SE
05	25	18.1	26.2	12.3	21.4	19.4	19.0	18.6	17.9	16.3	14.8	79.8	0.0	17.3	0.3	4.4	E
05	26	16.7	20.5	13.2	19.5	18.8	18.6	18.5	18.0	16.5	14.8	91.6	21.5	8.3	0.3	3.9	E
05	27	19.3	26.6	13.2	21.7	18.9	18.4	18.2	18.0	16.9	15.0	78.5	34.0	22.4	0.4	3.8	SE
05	28	18.0	25.8	10.2	21.8	19.5	19.1	18.7	18.2	17.0	15.1	66.0	0.0	27.5	0.6	5.5	SE
05	29	20.2	31.9	10.7	23.1	20.0	19.4	19.0	18.4	17.1	15.2	61.9	0.0	28.5	0.2	3.7	SE
05	30	20.4	29.6	12.4	23.1	20.6	20.0	19.5	18.8	17.2	15.3	66.2	1.0	23.1	0.5	5.8	E
05	31	17.7	24.0	10.0	22.3	20.5	20.1	19.8	19.0	17.3	15.4	83.0	4.5	14.6	0.4	4.7	SE
計	Total												138.5				
平均	Mean	16.0	23.3	9.5	19.2	17.6	17.4	17.1	16.8	15.8	14.3	77.1	4.5	18.4	0.3	4.1	
最高	Max.	20.4	31.9	15.4	23.1	20.6	20.1	19.8	19.0	17.3	15.4	96.9	34.5	28.6	0.7	5.8	
最低	Min.	10.1	15.9	2.5	14.3	14.6	14.8	14.9	15.1	14.7	13.3	61.9	0.0	3.3	0.0	1.5	

2022年 06月  
June 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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.
06	1	16.7	25.1	7.8	19.9	19.3	19.4	19.3	19.0	17.4	15.5	75.0	0.0	20.3	0.2	4.6	E
06	2	19.8	28.0	12.9	23.2	20.1	19.6	19.3	18.8	17.5	15.6	75.9	0.0	25.2	0.4	6.4	ESE
06	3	20.3	28.9	13.0	24.3	21.0	20.4	19.8	19.1	17.6	15.6	67.0	0.0	27.4	0.4	4.5	SE
06	4	18.5	26.1	11.4	24.4	21.0	20.5	20.1	19.4	17.7	15.7	70.6	0.0	25.5	0.4	5.5	SE
06	5	19.5	25.5	14.9	23.1	21.0	20.7	20.3	19.6	17.8	15.8	81.8	3.0	14.1	0.3	4.3	ESE
06	6	16.8	18.7	15.3	19.6	19.7	19.7	19.8	19.6	18.0	15.9	96.2	43.0	6.0	0.3	4.6	ESE
06	7	17.7	23.4	11.4	22.2	19.8	19.5	19.4	19.3	18.2	16.0	76.6	0.0	26.3	0.8	5.1	ESE
06	8	16.9	25.8	9.4	21.5	19.8	19.7	19.5	19.3	18.2	16.1	77.4	0.0	24.2	0.3	3.1	SE
06	9	19.2	26.0	13.5	22.4	20.4	20.0	19.7	19.3	18.2	16.2	79.3	0.0	19.5	0.4	5.6	ENE
06	10	20.5	26.4	15.5	23.6	21.0	20.5	20.1	19.5	18.2	16.3	78.2	0.0	18.4	0.4	4.2	E
06	11	19.1	23.2	16.2	21.8	21.0	20.7	20.4	19.8	18.3	16.3	88.3	1.5	8.3	0.0	2.2	ESE
06	12	20.2	28.0	12.7	24.1	21.2	20.7	20.3	19.8	18.4	16.4	74.3	0.0	26.9	0.5	5.3	SE
06	13	19.1	26.4	11.5	23.1	21.1	20.8	20.5	19.9	18.4	16.5	72.1	0.0	21.9	0.4	4.1	SE
06	14	17.2	19.8	15.4	21.0	20.7	20.6	20.5	20.0	18.5	16.5	91.1	13.5	6.5	0.1	3.7	ESE
06	15	16.5	18.9	14.8	20.0	19.7	19.6	19.8	19.7	18.6	16.6	97.1	4.5	6.3	0.1	3.4	SE
06	16	20.0	25.6	15.3	22.5	20.4	19.9	19.8	19.5	18.6	16.6	89.5	0.0	14.5	0.1	3.0	ESE
06	17	21.4	28.8	16.5	24.6	21.5	20.9	20.4	19.7	18.5	16.7	83.7	0.0	20.1	0.1	3.0	SE
06	18	19.9	23.3	16.7	22.1	21.4	21.1	20.8	20.1	18.6	16.7	94.1	2.5	5.2	0.1	4.0	ENE
06	19	22.5	30.0	16.1	25.7	22.1	21.3	20.8	20.2	18.7	16.8	81.4	0.0	26.0	0.2	4.1	ESE
06	20	23.0	29.3	17.9	25.9	23.0	22.3	21.6	20.6	18.8	16.8	82.6	0.0	19.4	0.1	3.1	SE
06	21	21.3	25.9	18.5	23.5	22.7	22.2	21.9	21.0	19.0	16.9	93.2	32.0	7.1	0.2	3.7	E
06	22	21.8	25.3	20.1	23.7	22.4	21.8	21.8	21.2	19.2	17.0	96.1	24.5	6.8	0.0	2.1	ENE
06	23	23.8	29.8	20.5	26.8	23.4	22.5	22.1	21.4	19.6	17.1	87.5	0.0	18.6	0.2	4.1	E
06	24	25.3	30.8	21.4	27.8	24.4	23.5	22.8	21.7	19.7	17.2	81.5	0.0	20.8	0.8	6.1	E
06	25	24.9	33.5	19.5	27.3	24.8	24.0	23.3	22.2	19.9	17.3	85.1	0.5	17.1	0.2	4.5	ESE
06	26	22.8	30.8	18.5	26.0	24.3	23.8	23.3	22.4	20.1	17.4	88.3	0.0	14.8	0.0	2.8	SE
06	27	25.7	33.5	19.9	28.2	24.8	24.0	23.4	22.4	20.2	17.5	79.4	0.0	23.8	0.2	3.1	ESE
06	28	26.8	35.6	20.7	30.2	25.8	24.8	24.0	22.8	20.4	17.7	73.8	0.0	27.3	0.2	4.0	SE
06	29	26.7	35.7	19.7	31.0	26.3	25.3	24.5	23.2	20.6	17.8	72.1	0.0	28.1	0.3	4.0	SE
06	30	27.2	36.8	19.9	31.6	26.7	25.7	24.9	23.6	20.8	17.9	70.9	0.0	27.6	0.3	3.8	SE
計	Total												125.0				
平均	Mean	21.0	27.5	15.9	24.4	22.0	21.5	21.1	20.5	18.8	16.6	82.0	4.2	18.5	0.3	4.1	
最高	Max.	27.2	36.8	21.4	31.6	26.7	25.7	24.9	23.6	20.8	17.9	97.1	43.0	28.1	0.8	6.4	
最低	Min.	16.5	18.7	7.8	19.6	19.3	19.4	19.3	18.8	17.4	15.5	67.0	0.0	5.2	0.0	2.1	

2022年 07月  
July 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	27.7	36.8	20.0	32.1	27.1	26.1	25.3	23.9	21.0	18.0	68.7	0.0	27.2	0.3	4.2	SE
07	2	26.1	33.3	19.3	32.1	27.2	26.3	25.5	24.2	21.3	18.1	73.7	0.0	27.4	0.4	4.6	NE
07	3	22.7	24.7	20.8	25.9	26.0	25.7	25.5	24.4	21.5	18.2	96.4	29.5	3.3	0.0	1.8	ESE
07	4	22.5	25.1	20.7	25.2	24.7	24.4	24.6	24.1	21.8	18.4	96.3	4.5	5.8	0.0	2.0	ESE
07	5	22.9	28.6	21.0	26.0	24.6	24.0	24.2	23.8	21.9	18.5	94.1	14.5	11.4	0.2	4.7	ENE
07	6	24.4	33.5	19.8	27.1	24.7	24.2	24.2	23.8	22.0	18.7	85.0	27.0	23.3	0.3	5.7	SE
07	7	24.3	31.7	19.4	27.8	25.0	24.6	24.4	24.1	22.4	19.1	85.5	4.0	22.6	0.4	5.2	E
07	8	25.0	30.6	21.7	28.6	26.1	25.4	25.0	24.2	22.3	19.2	85.3	6.0	20.5	0.4	4.5	ESE
07	9	23.9	29.7	20.9	25.9	25.4	25.2	25.1	24.6	22.5	19.4	90.8	73.5	10.1	0.1	3.5	ESE
07	10	21.5	25.1	19.6	23.6	23.7	23.9	24.2	24.5	23.5	20.1	95.6	61.0	6.6	0.3	3.1	SE
07	11	24.5	31.0	19.6	26.8	24.7	24.3	24.2	24.1	23.4	20.2	86.4	0.5	19.2	0.2	3.5	ENE
07	12	23.0	24.9	21.9	25.3	25.0	24.8	24.7	24.3	23.1	20.3	94.6	18.5	6.6	0.3	4.3	ENE
07	13	24.6	31.2	20.0	27.9	25.4	24.9	24.6	24.2	23.0	20.3	83.8	0.0	24.4	0.2	3.4	SE
07	14	22.9	28.4	20.8	25.6	25.3	25.1	25.0	24.5	23.0	20.4	93.0	64.5	8.9	0.2	3.9	ENE
07	15	22.6	26.9	21.0	24.2	23.5	23.5	23.8	24.2	23.5	20.9	96.2	20.0	6.4	0.1	5.0	NE
07	16	22.3	25.9	19.4	24.2	24.0	23.9	24.0	24.0	23.5	20.9	94.3	25.5	7.8	0.4	5.4	ENE
07	17	23.7	30.4	20.3	27.1	24.7	24.3	24.1	24.0	23.3	21.0	89.7	7.0	18.3	0.1	2.9	E
07	18	23.8	30.3	18.8	27.3	25.3	25.0	24.7	24.2	23.2	21.0	86.9	0.0	17.0	0.1	2.4	E
07	19	23.6	24.8	22.4	25.2	25.1	25.0	24.9	24.4	23.2	21.0	96.7	43.0	2.7	0.3	4.0	ENE
07	20	24.6	31.2	19.9	27.5	25.4	25.0	24.7	24.4	23.3	21.1	83.0	0.0	21.8	0.3	3.7	ESE
07	21	23.6	31.0	18.5	26.4	25.5	25.3	25.0	24.6	23.4	21.1	88.8	0.5	15.2	0.0	2.5	E
07	22	24.9	31.2	20.6	27.3	25.7	25.3	25.1	24.6	23.4	21.2	84.9	17.5	18.8	0.1	3.3	ESE
07	23	24.0	30.1	18.8	27.8	26.0	25.6	25.3	24.8	23.4	21.2	78.1	0.0	26.8	0.6	4.4	SE
07	24	24.1	31.7	17.5	27.8	26.0	25.6	25.3	24.9	23.5	21.2	78.8	0.0	26.2	0.3	4.6	ESE
07	25	26.0	34.3	20.6	29.4	26.6	26.0	25.6	25.0	23.5	21.3	77.3	0.0	26.5	0.2	3.3	SSE
07	26	24.8	30.9	20.7	28.0	26.6	26.2	25.9	25.3	23.6	21.3	88.9	17.5	15.2	0.3	4.3	ESE
07	27	24.9	30.3	22.9	26.9	25.6	25.5	25.5	25.5	24.2	21.6	92.1	45.0	11.4	0.5	5.1	ENE
07	28	25.9	32.1	21.3	28.1	26.5	26.1	25.8	25.5	24.3	21.7	84.1	0.0	20.0	0.3	4.3	SE
07	29	26.3	32.8	20.9	28.6	26.9	26.5	26.1	25.6	24.2	21.7	81.4	0.0	22.2	0.4	5.1	SE
07	30	25.9	32.6	20.3	29.1	27.1	26.7	26.3	25.7	24.2	21.8	81.1	0.0	24.8	0.3	4.5	SE
07	31	27.0	34.7	21.6	30.2	27.5	27.0	26.6	25.9	24.3	21.8	80.1	0.0	23.5	0.2	3.4	SSE
計	Total												479.5				
平均	Mean	24.3	30.2	20.4	27.3	25.6	25.2	25.0	24.6	23.1	20.3	86.8	15.5	16.8	0.3	3.9	
最高	Max.	27.7	36.8	22.9	32.1	27.5	27.0	26.6	25.9	24.3	21.8	96.7	73.5	27.4	0.6	5.7	
最低	Min.	21.5	24.7	17.5	23.6	23.5	23.5	23.8	23.8	21.0	18.0	68.7	0.0	2.7	0.0	1.8	

2022年 08月  
Aug. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	27.4	34.3	22.2	31.4	28.1	27.4	26.9	26.1	24.3	21.9	79.6	0.0	26.4	0.3	3.6	SE
08	2	27.4	36.0	21.8	31.6	28.4	27.8	27.3	26.4	24.4	21.9	78.5	0.0	25.1	0.2	3.1	SE
08	3	27.3	35.0	21.4	31.1	28.4	28.0	27.5	26.6	24.6	22.0	74.6	0.0	24.1	0.4	4.9	SE
08	4	22.8	24.8	20.4	26.2	27.2	27.3	27.3	26.7	24.7	22.0	95.8	7.0	2.0	0.0	4.2	SSE
08	5	24.6	30.5	20.0	27.4	26.5	26.4	26.4	26.2	24.8	22.1	85.2	0.0	21.9	0.5	4.9	E
08	6	24.5	30.5	21.3	27.1	26.7	26.6	26.4	26.1	24.7	22.1	88.0	0.5	11.4	0.2	2.8	NE
08	7	26.0	33.2	20.7	28.7	26.9	26.6	26.3	26.0	24.7	22.2	82.8	0.0	21.7	0.3	3.9	SE
08	8	25.9	32.0	21.8	28.4	27.1	26.8	26.6	26.1	24.7	22.2	88.1	18.0	16.7	0.2	3.2	ENE
08	9	27.3	33.8	23.9	29.8	27.7	27.2	26.8	26.2	24.7	22.3	82.8	0.0	18.6	0.4	3.9	E
08	10	26.9	34.0	23.4	29.1	27.8	27.4	27.1	26.4	24.8	22.3	84.9	15.5	17.5	0.3	3.4	ENE
08	11	26.9	32.7	22.9	29.8	27.9	27.5	27.2	26.6	24.9	22.3	82.2	6.0	24.8	0.5	4.6	ENE
08	12	24.9	27.7	23.5	28.1	27.6	27.4	27.3	26.7	25.0	22.4	94.4	19.0	11.5	0.6	4.7	ENE
08	13	25.9	32.9	22.0	29.0	27.4	27.1	27.0	26.6	25.1	22.4	86.4	4.5	17.3	0.3	4.1	ESE
08	14	24.9	31.0	21.8	28.2	27.3	27.2	27.0	26.6	25.2	22.5	91.1	9.5	13.9	0.1	2.6	ESE
08	15	25.5	33.0	22.1	28.6	27.3	27.1	26.9	26.5	25.2	22.6	88.9	0.0	15.7	0.1	4.0	ESE
08	16	25.8	33.2	22.3	28.2	27.3	27.1	26.9	26.5	25.2	22.6	88.4	10.5	13.8	0.1	5.0	ESE
08	17	23.8	28.3	21.0	26.6	26.5	26.6	26.7	26.5	25.2	22.7	94.2	41.5	10.1	0.1	2.6	SE
08	18	24.1	29.3	19.6	26.5	25.3	25.2	25.4	26.0	25.6	23.2	88.0	49.0	15.4	0.4	4.0	E
08	19	23.2	31.3	17.3	26.6	25.6	25.7	25.7	25.8	25.5	23.3	82.6	0.0	22.9	0.2	3.5	SE
08	20	23.9	29.1	20.0	26.6	26.0	26.0	25.9	25.9	25.3	23.3	91.3	7.0	9.0	0.0	1.9	SE
08	21	25.1	31.3	22.5	27.6	26.3	26.2	26.0	25.9	25.2	23.3	92.2	20.5	12.1	0.1	2.8	E
08	22	26.0	31.9	22.6	28.9	27.0	26.7	26.4	26.1	25.2	23.3	86.8	0.0	20.4	0.2	4.0	N
08	23	25.4	31.9	22.1	28.7	27.2	27.0	26.7	26.3	25.2	23.3	91.6	3.5	13.0	0.1	2.5	ESE
08	24	26.4	33.3	23.1	29.4	27.7	27.3	26.9	26.4	25.2	23.3	86.1	0.0	20.2	0.1	3.0	SE
08	25	24.8	29.1	22.8	27.6	26.8	26.8	26.8	26.6	25.4	23.3	94.8	70.0	7.7	0.1	3.3	ENE
08	26	24.9	30.5	21.8	28.2	26.6	26.5	26.4	26.5	25.7	23.5	91.2	0.0	13.9	0.0	2.1	SE
08	27	23.9	28.1	21.2	27.2	26.6	26.6	26.6	26.5	25.7	23.5	93.9	0.5	8.5	0.0	2.3	ESE
08	28	22.9	30.0	17.3	27.3	26.4	26.4	26.4	26.3	25.6	23.6	85.2	0.5	16.4	0.3	4.8	SSE
08	29	23.0	28.9	17.4	26.4	25.9	26.0	26.1	26.1	25.5	23.6	86.1	0.0	15.5	0.1	3.1	SE
08	30	24.1	30.0	21.3	27.6	26.2	26.1	26.1	26.0	25.4	23.6	93.5	8.5	11.1	0.1	3.7	E
08	31	24.6	28.2	23.0	27.4	26.3	26.2	26.1	26.0	25.3	23.6	95.1	8.0	7.7	0.4	5.0	ENE
計	Total												299.5				
平均	Mean	25.1	31.2	21.4	28.2	27.0	26.8	26.6	26.3	25.1	22.8	87.9	9.7	15.7	0.2	3.6	
最高	Max.	27.4	36.0	23.9	31.6	28.4	28.0	27.5	26.7	25.7	23.6	95.8	70.0	26.4	0.6	5.0	
最低	Min.	22.8	24.8	17.3	26.2	25.3	25.2	25.4	25.8	24.3	21.9	74.6	0.0	2.0	0.0	1.9	



2022年 09月  
Sep. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	25.0	28.8	22.8	27.6	26.4	26.2	26.1	26.0	25.3	23.6	94.9	5.5	7.6	0.3	4.4	NE	
09	2	24.1	30.5	21.6	27.4	26.5	26.4	26.2	26.0	25.3	23.6	92.1	15.0	12.2	0.2	3.4	ESE	
09	3	24.4	30.2	21.7	27.3	26.2	26.1	26.1	26.0	25.2	23.6	90.3	9.5	15.1	0.1	3.1	SSE	
09	4	24.3	30.4	20.7	26.9	26.5	26.4	26.2	26.0	25.3	23.6	88.9	0.0	14.8	0.1	3.0	E	
09	5	24.7	31.2	19.6	26.7	26.4	26.3	26.2	26.0	25.2	23.6	82.1	0.0	18.5	0.3	4.7	E	
09	6	25.1	29.5	21.7	26.8	26.2	26.2	26.1	26.0	25.2	23.6	83.8	9.5	12.0	1.1	7.4	ENE	
09	7	25.4	31.5	22.9	29.2	26.4	26.2	26.1	25.9	25.2	23.6	92.3	16.5	13.5	0.1	3.0	SE	
09	8	23.0	26.9	21.6	27.2	26.1	26.2	26.2	26.0	25.2	23.6	96.4	24.5	5.6	0.0	1.7	SE	
09	9	24.2	31.1	21.2	28.0	26.0	25.9	25.9	25.9	25.3	23.6	91.3	26.0	13.7	0.1	3.4	SSE	
09	10	24.6	30.6	20.1	28.2	25.7	25.5	25.5	25.8	25.4	23.8	88.4	32.0	19.5	0.1	3.7	SE	
09	11	24.7	31.5	21.1	29.3	26.5	26.3	26.1	25.9	25.4	23.9	86.0	0.0	18.3	0.1	3.1	SE	
09	12	24.5	31.9	19.8	28.9	26.7	26.6	26.4	26.1	25.4	23.9	85.5	0.0	18.4	0.1	3.2	SE	
09	13	25.0	32.5	19.6	29.1	26.8	26.7	26.5	26.2	25.4	23.9	84.4	0.0	20.1	0.2	2.9	SSE	
09	14	25.7	32.6	21.2	29.9	27.2	26.9	26.7	26.3	25.4	23.9	86.0	0.5	18.1	0.2	3.8	SE	
09	15	23.6	28.2	21.0	28.6	26.9	26.9	26.8	26.5	25.5	23.9	85.1	0.5	10.9	0.2	3.0	ENE	
09	16	23.0	30.0	18.7	28.0	26.2	26.3	26.3	26.3	25.5	23.9	81.8	0.0	13.3	0.1	3.6	E	
09	17	23.2	29.9	18.1	27.4	25.8	26.0	26.0	26.1	25.5	23.9	86.8	0.0	10.6	0.1	2.4	ESE	
09	18	25.4	29.8	21.7	27.4	25.9	26.0	26.0	26.0	25.4	23.9	83.1	5.5	9.6	1.0	6.3	ENE	
09	19	25.0	27.3	23.6	26.6	25.6	25.7	25.8	25.9	25.4	23.9	89.6	19.0	6.7	2.1	11.2	NE	
09	20	20.7	25.2	15.3	25.2	24.5	24.8	25.1	25.5	25.4	24.0	82.7	42.0	11.2	1.0	7.1	ESE	
09	21	19.3	25.9	15.5	24.3	23.7	24.1	24.5	25.0	25.3	24.0	81.7	0.0	16.9	0.2	3.1	SSE	
09	22	18.8	20.9	16.9	23.7	23.2	23.8	24.2	24.7	25.1	23.9	97.5	5.5	4.7	0.0	1.6	SSE	
09	23	20.2	21.3	19.0	22.8	22.3	22.7	23.1	23.9	24.8	24.0	98.7	124.0	1.0	0.1	3.1	SSE	
09	24	21.9	28.3	16.0	25.0	22.5	22.3	22.3	22.7	24.1	24.2	83.6	0.0	19.4	0.4	3.6	SE	
09	25	20.2	28.0	15.3	24.0	22.6	22.8	22.9	23.3	24.0	24.1	86.4	0.0	13.1	0.1	3.4	SE	
09	26	21.4	29.0	16.6	24.8	23.1	23.2	23.2	23.5	24.0	24.0	85.8	0.0	19.0	0.2	3.1	SSE	
09	27	22.0	28.3	18.4	25.4	23.6	23.6	23.6	23.7	24.0	23.9	87.9	1.0	12.6	0.2	4.4	SSE	
09	28	20.4	25.4	17.9	24.9	23.6	23.7	23.8	23.9	24.0	23.8	94.7	8.0	9.0	0.0	2.2	ENE	
09	29	19.8	24.8	16.5	23.9	23.2	23.4	23.6	23.9	24.0	23.7	93.0	0.0	8.5	0.0	1.8	NNE	
09	30	19.8	28.0	15.8	23.2	22.9	23.2	23.4	23.7	24.0	23.6	89.5	0.0	13.2	0.1	3.1	SE	
計	Total												344.5					
平均	Mean	23.0	28.6	19.4	26.6	25.2	25.2	25.2	25.3	25.0	23.8	88.3	11.5	12.9	0.3	3.8		
最高	Max.	25.7	32.6	23.6	29.9	27.2	26.9	26.8	26.5	25.5	24.2	98.7	124.0	20.1	2.1	11.2		
最低	Min.	18.8	20.9	15.3	22.8	22.3	22.3	22.3	22.7	24.0	23.6	81.7	0.0	1.0	0.0	1.6		

2022年 10月  
Oct. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	19.9	28.5	15.6	23.4	22.9	23.1	23.3	23.6	24.0	23.6	84.1	0.0	18.7	0.2	2.5	SSE	
10	2	20.0	28.7	14.3	23.1	22.7	23.0	23.2	23.5	23.9	23.5	84.5	0.0	18.0	0.1	2.8	SSE	
10	3	19.5	26.5	15.1	22.8	22.7	23.0	23.1	23.5	23.8	23.5	88.1	0.0	9.9	0.1	3.1	ENE	
10	4	20.9	27.1	16.6	24.1	22.8	23.0	23.1	23.4	23.8	23.4	88.0	0.0	11.0	0.2	3.4	ESE	
10	5	18.7	22.6	13.9	23.0	22.7	23.0	23.2	23.4	23.7	23.4	85.8	3.0	5.8	0.3	3.5	SSE	
10	6	14.4	18.1	11.3	19.8	20.8	21.7	22.3	23.1	23.6	23.3	86.2	0.0	5.5	0.0	2.0	SE	
10	7	13.6	14.5	12.0	18.2	19.6	20.6	21.3	22.5	23.5	23.3	99.1	26.0	1.9	0.1	2.5	SSE	
10	8	15.3	22.1	12.2	18.9	19.3	20.0	20.5	21.7	23.2	23.2	89.0	0.0	12.4	0.3	3.6	SSE	
10	9	14.6	19.3	10.9	18.4	19.1	19.8	20.4	21.4	22.9	23.2	96.3	18.0	4.8	0.1	3.1	SSE	
10	10	17.5	24.8	14.3	21.1	19.5	19.8	20.2	21.1	22.6	23.1	95.5	6.5	8.6	0.1	4.9	SE	
10	11	14.8	20.8	9.7	21.6	19.6	20.1	20.4	21.1	22.4	23.0	77.8	0.0	17.5	0.5	5.1	SE	
10	12	16.1	23.4	11.2	25.6	19.4	19.8	20.2	21.0	22.2	22.9	84.6	0.0	12.7	0.1	2.5	SSE	
10	13	14.9	20.5	11.4	24.5	19.3	19.9	20.2	20.9	22.1	22.7	94.5	0.0	5.2	0.0	1.7	SE	
10	14	16.9	26.3	10.9	25.2	19.2	19.6	20.0	20.7	22.0	22.6	86.3	0.0	16.8	0.1	2.6	SE	
10	15	18.1	27.7	13.6	26.3	19.9	20.2	20.3	20.8	21.9	22.5	86.6	0.0	16.2	0.1	2.8	SSE	
10	16	18.6	26.4	14.4	26.0	20.2	20.4	20.5	20.9	21.8	22.4	89.5	0.0	11.4	0.1	3.3	SE	
10	17	16.9	19.0	13.1	25.0	20.0	20.3	20.6	21.0	21.8	22.3	99.1	5.0	2.0	0.1	2.2	SSE	
10	18	14.6	22.0	9.1	24.4	19.3	19.9	20.3	20.9	21.7	22.2	82.6	0.0	13.0	0.4	4.0	S	
10	19	11.5	21.2	5.4	21.7	18.1	19.0	19.6	20.6	21.7	22.2	77.4	0.0	16.3	0.3	3.4	SSE	
10	20	10.5	21.1	4.7	20.3	16.9	18.0	18.8	20.0	21.5	22.1	82.0	0.0	16.3	0.1	3.7	SSE	
10	21	12.5	22.3	6.3	20.8	16.7	17.6	18.3	19.5	21.3	22.0	85.5	0.0	15.4	0.1	3.5	SSE	
10	22	14.9	22.5	11.5	22.4	17.4	18.0	18.4	19.3	21.1	21.9	90.1	0.0	9.4	0.1	2.5	SSE	
10	23	15.0	22.9	9.6	22.8	17.8	18.3	18.6	19.4	20.9	21.8	84.1	0.0	13.4	0.3	4.1	SSE	
10	24	12.4	20.9	6.8	21.1	17.2	18.0	18.5	19.3	20.8	21.7	76.9	0.0	15.6	0.4	3.6	SSE	
10	25	9.1	15.2	4.6	18.7	16.1	17.1	17.9	19.0	20.6	21.6	88.0	0.0	6.7	0.1	2.2	SSE	
10	26	8.3	19.5	1.8	17.8	15.0	16.2	17.0	18.5	20.5	21.5	80.1	0.0	15.7	0.1	2.2	SSE	
10	27	9.3	18.8	3.5	17.9	14.5	15.6	16.5	18.0	20.2	21.4	85.2	0.0	9.8	0.0	2.2	SE	
10	28	11.2	20.6	6.2	19.3	15.0	15.8	16.4	17.7	19.9	21.3	84.9	0.0	14.3	0.1	2.9	SSE	
10	29	11.1	19.9	5.3	19.1	15.0	15.8	16.4	17.6	19.7	21.2	78.1	0.0	14.7	0.5	3.8	SSE	
10	30	9.4	19.1	4.5	18.5	14.6	15.5	16.1	17.4	19.5	21.1	87.9	0.0	10.6	0.1	2.7	S	
10	31	12.2	20.1	6.0	20.2	14.7	15.4	16.0	17.2	19.3	20.9	89.3	0.0	8.6	0.0	2.4	SSE	
計	Total												58.5					
平均	Mean	14.6	22.0	9.9	21.7	18.6	19.3	19.7	20.6	21.9	22.4	86.7	1.9	11.6	0.2	3.0		
最高	Max.	20.9	28.7	16.6	26.3	22.9	23.1	23.3	23.6	24.0	23.6	99.1	26.0	18.7	0.5	5.1		
最低	Min.	8.3	14.5	1.8	17.8	14.5	15.4	16.0	17.2	19.3	20.9	76.9	0.0	1.9	0.0	1.7		

2022年 11月  
Nov. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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	12.3	13.9	10.9	20.5	15.4	15.9	16.3	17.2	19.2	20.8	97.9	11.5	2.2	0.1	3.1	SE
11	2	13.2	22.4	9.1	18.8	15.7	16.1	16.4	17.3	19.0	20.7	92.1	0.0	14.0	0.1	2.7	SSE
11	3	12.2	21.5	7.5	15.5	15.5	16.1	16.5	17.3	19.0	20.6	89.4	0.0	14.0	0.1	2.8	SSE
11	4	11.5	19.4	5.3	15.1	15.3	15.9	16.3	17.2	18.9	20.4	87.3	0.0	11.7	0.3	4.1	SSE
11	5	8.8	17.9	3.3	13.5	14.4	15.4	16.0	17.0	18.8	20.3	84.6	0.0	13.6	0.2	2.9	SSE
11	6	8.4	18.3	3.2	12.5	13.7	14.7	15.4	16.7	18.7	20.2	81.1	0.0	14.1	0.2	3.9	SSE
11	7	10.1	19.9	4.4	13.5	13.5	14.3	15.0	16.3	18.5	20.1	88.3	0.0	11.7	0.1	2.8	SSE
11	8	10.1	18.9	4.9	13.1	13.7	14.5	15.0	16.2	18.3	20.0	79.8	0.0	12.0	0.5	5.2	SSE
11	9	8.8	19.4	3.5	12.3	13.2	14.2	14.8	16.0	18.1	19.9	81.6	0.0	13.0	0.1	3.2	SSE
11	10	9.8	20.1	4.4	12.6	13.1	13.9	14.5	15.8	18.0	19.8	87.5	0.0	11.6	0.1	2.2	SSE
11	11	10.8	20.5	5.5	13.3	13.3	14.0	14.5	15.6	17.8	19.7	86.2	0.0	12.3	0.2	3.7	ESE
11	12	12.2	22.5	6.8	14.2	13.7	14.3	14.6	15.6	17.7	19.6	88.1	0.0	11.7	0.0	2.3	SSE
11	13	14.6	18.8	10.6	15.6	14.4	14.7	15.0	15.7	17.5	19.4	97.8	12.0	2.6	0.4	7.3	ESE
11	14	11.9	16.9	8.8	14.9	14.8	15.1	15.3	15.9	17.5	19.3	80.7	0.0	9.8	0.5	4.9	SSE
11	15	10.9	17.2	6.8	15.7	14.4	14.9	15.2	16.0	17.5	19.2	77.5	0.0	12.5	0.4	3.9	SSE
11	16	9.1	15.3	3.8	15.9	13.6	14.3	14.8	15.8	17.4	19.1	79.3	0.0	10.6	0.4	4.4	SSE
11	17	7.7	15.3	3.2	15.3	12.8	13.7	14.3	15.5	17.3	19.0	88.5	0.0	9.1	0.1	2.2	SSE
11	18	7.5	17.4	3.2		12.3	13.2	13.9	15.1	17.2	19.0	86.1	0.0	12.6	0.1	2.7	S
11	19	8.6	18.5	2.8		12.0	12.9	13.5	14.8	17.0	18.9	84.0	0.0	11.6	0.1	2.9	SSE
11	20	11.2	17.0	6.1		12.6	13.2	13.6	14.7	16.8	18.8	88.0	0.5	4.7	0.0	2.3	E
11	21	12.4	19.5	7.9		13.7	13.9	14.1	14.8	16.7	18.7	91.8	13.0	11.4	0.2	3.4	S
11	22	10.8	18.8	5.9		13.4	13.9	14.2	15.0	16.6	18.6	90.6	0.0	8.6	0.1	4.1	SSE
11	23	11.4	13.1	9.8		13.4	13.9	14.2	15.0	16.6	18.5	99.5	37.5	1.5	0.1	2.5	SE
11	24	11.5	17.9	5.8		13.5	13.8	14.1	14.8	16.4	18.4	82.7	0.0	11.0	0.6	5.5	S
11	25	9.3	17.4	3.6		12.8	13.5	13.9	14.7	16.3	18.3	86.6	0.0	11.9	0.2	3.2	S
11	26	11.9	18.0	8.0		13.1	13.5	13.8	14.6	16.2	18.2	96.1	0.5	5.5	0.0	1.9	E
11	27	10.4	17.2	4.7		13.0	13.5	13.9	14.6	16.2	18.1	76.3	0.0	11.8	0.8	6.0	S
11	28	12.7	19.2	5.7		12.8	13.2	13.6	14.5	16.1	18.0	93.5	7.0	5.6	0.3	3.6	ENE
11	29	16.5	18.4	14.1		14.6	14.4	14.4	14.7	16.0	17.9	97.9	48.5	1.7	1.3	8.0	ENE
11	30	12.4	16.5	5.2		15.4	15.4	15.3	15.2	15.8	17.7	84.3	1.0	5.2	0.9	4.6	SSE
計	Total												131.5				
平均	Mean	11.0	18.2	6.2		13.8	14.3	14.7	15.7	17.4	19.2	87.5	4.4	9.6	0.3	3.7	
最高	Max.	16.5	22.5	14.1		15.7	16.1	16.5	17.3	19.2	20.8	99.5	48.5	14.1	1.3	8.0	
最低	Min.	7.5	13.1	2.8		12.0	12.9	13.5	14.5	15.8	17.7	76.3	0.0	1.5	0.0	1.9	

2022年 12月  
Dec. 2022

気象月報  
Monthly report of meteorological data at Shirasaka

生態水文学研究所白坂

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.
12	1	6.0	12.2	2.5		12.7	13.7	14.3	15.1	16.0	17.6	82.3	0.0	8.6	0.5	4.4	SSE
12	2	3.3	10.7	-1.2		10.9	12.2	13.1	14.4	16.0	17.5	85.3	0.0	11.4	0.4	4.8	SSE
12	3	3.9	13.6	-1.1		10.0	11.2	12.1	13.7	15.8	17.5	85.2	0.0	9.3	0.1	2.5	S
12	4	6.4	12.1	0.3		9.7	10.8	11.6	13.1	15.6	17.4	82.7	0.0	6.5	0.4	3.8	SSE
12	5	7.0	11.3	3.0		10.1	10.9	11.5	12.8	15.3	17.3	78.8	0.0	5.1	0.3	3.6	S
12	6	5.6	12.2	1.2		10.0	10.8	11.4	12.7	15.1	17.2	84.3	0.0	8.5	0.4	4.3	SSE
12	7	3.6	9.7	-1.1		9.2	10.2	11.0	12.4	14.9	17.1	85.3	0.0	7.5	0.3	3.5	SSE
12	8	4.6	11.8	0.0	7.9	8.8	9.8	10.6	12.1	14.7	17.0	87.1	0.0	6.8	0.3	3.7	SSE
12	9	4.5	13.5	-0.5	7.4	8.6	9.6	10.3	11.8	14.5	16.9	85.1	0.0	10.6	0.2	3.4	S
12	10	6.2	16.0	1.2	8.1	8.8	9.6	10.2	11.6	14.3	16.7	84.7	0.0	10.7	0.2	3.5	S
12	11	7.8	15.1	3.5	9.9	9.4	10.0	10.4	11.6	14.1	16.6	78.7	0.0	9.9	0.5	5.0	SSW
12	12	5.5	12.8	-0.1	8.2	9.2	10.0	10.6	11.7	14.0	16.5	74.2	0.0	10.8	0.4	3.5	S
12	13	6.3	11.4	2.7	8.7	9.1	9.8	10.4	11.5	13.9	16.4	96.2	6.0	4.8	0.2	3.1	SE
12	14	3.2	8.3	-1.0	6.2	8.6	9.6	10.2	11.4	13.7	16.3	85.3	0.0	7.6	0.7	6.7	SSE
12	15	1.4	7.3	-2.3	4.7	7.5	8.7	9.6	11.1	13.6	16.1	85.6	0.0	8.9	0.5	4.6	SSE
12	16	1.7	8.5	-2.5	4.0	6.9	8.1	9.0	10.7	13.5	16.0	89.3	0.0	7.1	0.3	3.8	S
12	17	2.3	5.8	-1.2	4.2	6.7	7.8	8.7	10.3	13.3	15.9	95.3	4.0	2.8	0.0	1.9	S
12	18	0.2	3.8	-5.2	4.1	6.6	7.7	8.5	10.1	13.0	15.8	78.3	0.5	7.5	0.9	8.0	SSE
12	19	-1.2	4.8	-6.8	2.1	5.1	6.6	7.7	9.6	12.8	15.7	74.9	0.0	11.2	0.4	4.5	S
12	20	0.2	5.8	-3.2	2.7	5.3	6.4	7.3	9.2	12.6	15.6	86.4	0.0	6.3	0.2	3.4	S
12	21	2.5	9.9	-3.4	3.4	5.4	6.4	7.2	8.9	12.3	15.4	86.9	1.0	8.2	0.1	3.3	SE
12	22	4.5	10.7	-2.0	5.7	6.8	7.3	7.8	9.0	12.1	15.3	96.3	10.0	2.6	0.3	5.8	SSE
12	23	-0.8	3.9	-4.9	2.7	5.6	6.8	7.6	9.1	11.9	15.2	59.9	0.0	10.6	0.6	8.2	S
12	24	-1.5	1.5	-5.2	1.0	4.3	5.7	6.8	8.6	11.8	15.0	95.9	0.5	0.9	0.1	2.9	SSE
12	25	1.9	7.3	-2.1	2.1	4.7	5.7	6.5	8.2	11.6	14.9	89.4	7.0	8.9	0.6	5.2	SSE
12	26	1.2	6.8	-2.3	2.4	4.9	5.8	6.5	8.0	11.4	14.7	82.1	0.0	9.7	0.6	5.0	SSE
12	27	1.1	9.2	-3.2	2.5	4.8	5.7	6.4	7.9	11.1	14.6	84.4	0.0	9.8	0.4	4.6	S
12	28	1.4	9.8	-3.6	2.6	4.7	5.6	6.3	7.8	11.0	14.5	87.7	0.0	10.7	0.1	3.4	S
12	29	2.4	8.5	-1.1	3.2	5.1	5.8	6.4	7.8	10.8	14.3	87.6	0.0	8.8	0.4	4.4	S
12	30	1.9	8.6	-1.6	3.7	5.3	6.0	6.6	7.8	10.7	14.2	89.1	0.0	9.0	0.3	3.4	S
12	31	2.2	8.4	-2.3	3.7	5.3	6.0	6.6	7.8	10.6	14.0	87.7	0.0	7.9	0.2	4.1	S
計	Total												29.0				
平均	Mean	3.1	9.4	-1.4		7.4	8.4	9.1	10.6	13.3	16.0	84.9	0.9	8.0	0.4	4.3	
最高	Max.	7.8	16.0	3.5		12.7	13.7	14.3	15.1	16.0	17.6	96.3	10.0	11.4	0.9	8.2	
最低	Min.	-1.5	1.5	-6.8		4.3	5.6	6.3	7.8	10.6	14.0	59.9	0.0	0.9	0.0	1.9	