

2023年 01月
Jan. 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.	
01	1	3.6	9.3	-1.6	4.3	5.7	6.3	6.7	7.9	10.5	13.9	81.5	0.0	8.9	0.4	3.7	SSE	
01	2	2.7	8.8	-3.1	4.6	6.0	6.6	7.0	8.0	10.4	13.8	83.1	0.0	9.0	0.4	4.7	S	
01	3	0.5	8.1	-4.0	2.8	5.1	6.1	6.7	8.0	10.4	13.6	82.6	0.0	9.5	0.3	4.4	S	
01	4	0.9	4.9	-3.0	3.1	5.1	5.9	6.5	7.8	10.4	13.5	92.5	0.0	4.1	0.2	3.7	S	
01	5	0.0	7.3	-4.8	2.2	4.5	5.5	6.2	7.6	10.3	13.4	80.0	0.0	10.5	0.4	4.4	S	
01	6	1.5	8.9	-2.6	3.1	4.7	5.5	6.1	7.4	10.2	13.3	83.3	0.0	9.8	0.2	3.7	S	
01	7	1.1	9.2	-2.7	2.7	4.6	5.5	6.1	7.4	10.1	13.2	88.6	0.0	8.2	0.1	2.5	S	
01	8	2.4	10.5	-2.7	3.3	4.7	5.5	6.0	7.3	10.0	13.1	86.3	0.0	11.6	0.2	3.5	S	
01	9	3.5	10.4	-1.7	3.9	5.2	5.8	6.2	7.3	9.9	13.0	86.2	0.0	9.7	0.2	2.8	S	
01	10	2.6	6.6	-1.0	3.9	5.5	6.1	6.5	7.5	9.8	12.9	70.5	0.0	10.1	1.1	5.2	S	
01	11	0.7	10.3	-4.9	2.4	4.5	5.5	6.2	7.4	9.8	12.9	72.4	0.0	12.1	0.2	3.0	S	
01	12	2.4	13.5	-3.9	2.4	4.2	5.2	5.8	7.2	9.7	12.8	73.6	0.0	11.6	0.2	3.1	S	
01	13	6.8	14.5	-0.8	4.2	5.0	5.5	5.9	7.1	9.6	12.7	83.4	11.0	7.7	0.2	3.4	E	
01	14	10.0	12.7	7.1	8.3	7.6	7.3	7.1	7.5	9.6	12.6	100.0	19.5	1.6	0.1	3.1	SE	
01	15	8.2	13.8	4.8	8.0	8.2	8.1	8.0	8.2	9.6	12.5	93.3	0.0	7.7	0.1	3.4	SSW	
01	16	5.7	9.4	-1.0	6.9	8.0	8.2	8.3	8.6	9.7	12.4	86.3	0.0	3.4	0.4	4.9	S	
01	17	2.2	10.1	-2.7	4.2	6.2	7.1	7.6	8.5	9.9	12.4	72.3	0.0	10.3	0.4	3.4	S	
01	18	3.4	11.1	-1.7	4.7	6.1	6.7	7.2	8.2	9.9	12.3	76.2	0.0	9.8	0.5	5.4	S	
01	19	2.0	9.8	-3.0	4.1	5.7	6.5	7.0	8.0	9.8	12.3	82.7	0.0	12.6	0.2	3.1	S	
01	20	2.8	9.8	-2.6	4.0	5.5	6.2	6.7	7.8	9.8	12.2	79.1	0.5	12.0	0.7	4.9	SSE	
01	21	0.9	6.3	-4.0	3.2	5.2	6.1	6.6	7.7	9.7	12.2	64.1	0.0	12.5	0.8	6.6	S	
01	22	1.1	8.6	-4.5	2.4	4.4	5.4	6.1	7.4	9.6	12.1	70.5	0.0	11.3	0.3	4.0	S	
01	23	2.8	7.0	0.6	4.3	5.2	5.7	6.2	7.2	9.5	12.1	88.5	0.0	5.2	0.1	2.8	S	
01	24	1.1	7.6	-5.6	3.9	5.3	6.0	6.4	7.3	9.4	12.0	74.7	0.0	6.5	1.1	8.4	S	
01	25	-4.2	1.5	-7.6	1.4	3.8	5.0	5.8	7.2	9.3	12.0	69.2	0.0	9.1	0.8	5.8	S	
01	26	-1.9	3.7	-7.8	1.0	3.0	4.2	5.1	6.7	9.3	11.9	75.9	0.0	8.9	0.3	3.9	S	
01	27	-0.8	1.3	-2.3	1.0	3.2	4.2	4.9	6.4	9.1	11.8	96.6	0.0	1.0	0.1	2.5	SE	
01	28	-1.5	3.4	-6.6	1.2	3.3	4.2	4.8	6.2	8.9	11.8	86.4	4.5	6.2	0.3	3.2	S	
01	29	-0.5	4.2	-3.5	2.3	3.6	4.3	4.9	6.1	8.8	11.7	87.8	0.0	7.8	0.3	3.7	S	
01	30	-0.8	3.1	-4.2	1.3	3.3	4.2	4.8	6.1	8.7	11.6	90.6	0.0	4.3	0.4	4.3	S	
01	31	-1.3	6.0	-6.5	1.5	3.1	4.0	4.6	5.9	8.6	11.5	78.3	0.0	14.9	0.4	5.7	S	
計	Total												35.5					
平均	Mean	1.9	8.1	-2.8	3.4	5.0	5.7	6.3	7.4	9.7	12.6	81.8	1.1	8.6	0.4	4.1		
最高	Max.	10.0	14.5	7.1	8.3	8.2	8.2	8.3	8.6	10.5	13.9	100.0	19.5	14.9	1.1	8.4		
最低	Min.	-4.2	1.3	-7.8	1.0	3.0	4.0	4.6	5.9	8.6	11.5	64.1	0.0	1.0	0.1	2.5		

2023年 02月
Feb. 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
02	1	0.6	9.3	-4.9	1.5	3.0	3.8	4.5	5.8	8.4	11.4	87.2	0.0	6.6	0.1	3.1	ESE
02	2	2.2	6.9	-2.3	3.0	3.9	4.4	4.8	5.8	8.3	11.3	64.5	0.0	11.6	0.9	6.5	S
02	3	1.3	8.4	-3.2	2.8	4.0	4.6	5.0	6.0	8.3	11.3	67.9	0.0	8.3	0.2	4.0	SSW
02	4	2.8	10.4	-4.2	3.6	4.1	4.7	5.0	6.0	8.2	11.2	75.7	0.0	14.1	0.3	4.2	S
02	5	2.2	11.3	-3.1	4.2	4.8	5.2	5.4	6.2	8.2	11.1	78.2	0.0	15.0	0.3	4.0	S
02	6	3.4	12.5	-3.4	4.0	4.7	5.2	5.5	6.3	8.2	11.0	74.0	0.0	13.8	0.3	4.3	S
02	7	7.2	14.9	1.6	6.4	6.0	6.0	6.0	6.5	8.3	10.9	69.6	0.0	9.4	0.1	3.1	SSW
02	8	5.4	13.2	-0.5	6.3	6.6	6.7	6.7	7.0	8.3	10.9	70.2	0.0	14.1	0.7	5.5	S
02	9	2.8	10.1	-2.1	4.5	5.8	6.3	6.6	7.2	8.4	10.9	53.2	0.0	14.8	0.8	6.6	S
02	10	4.6	6.9	1.9	4.8	5.5	6.0	6.4	7.1	8.5	10.8	92.7	24.5	1.1	0.2	3.4	ESE
02	11	6.7	14.6	0.6	6.8	6.4	6.5	6.5	7.1	8.6	10.8	80.8	0.5	15.2	0.6	4.6	S
02	12	9.2	16.3	5.6	8.6	7.7	7.5	7.3	7.5	8.6	10.8	89.5	0.0	7.9	0.1	3.0	E
02	13	7.7	10.5	3.1	8.3	8.2	8.1	8.0	8.0	8.7	10.8	93.8	4.5	2.8	0.3	3.6	S
02	14	2.7	8.2	-1.6	5.2	7.0	7.5	7.7	8.1	8.8	10.7	59.1	0.0	15.2	1.2	5.4	SSE
02	15	0.2	5.7	-3.2	3.5	5.5	6.4	6.9	7.8	8.9	10.7	51.3	0.0	16.2	1.2	7.0	S
02	16	-0.6	8.8	-6.7	2.9	4.6	5.6	6.2	7.3	8.9	10.8	67.6	0.0	17.1	0.4	4.7	S
02	17	1.0	10.2	-5.7	3.4	4.5	5.3	5.8	7.0	8.8	10.7	78.4	0.0	16.1	0.2	3.7	SW
02	18	5.3	12.1	-1.7	5.0	5.4	5.7	6.0	6.9	8.7	10.7	87.9	2.5	6.6	0.0	1.6	NW
02	19	8.1	12.4	4.2	7.5	7.0	6.9	6.8	7.2	8.6	10.7	96.3	7.5	2.4	0.2	4.0	NW
02	20	4.1	9.5	-1.1	5.8	6.8	7.1	7.2	7.6	8.6	10.7	79.7	0.0	10.2	0.5	6.1	WNW
02	21	0.7	6.0	-2.4	3.3	5.6	6.3	6.8	7.5	8.7	10.6	56.8	0.0	12.6	0.9	6.6	NW
02	22	1.5	11.1	-4.2	3.3	4.9	5.6	6.1	7.2	8.7	10.6	59.4	0.0	18.1	0.4	4.3	SW
02	23	3.1	10.2	-1.8	5.1	5.4	5.9	6.2	7.0	8.7	10.6	86.7	0.5	9.8	0.1	3.9	S
02	24	3.2	9.0	-0.8	4.5	5.6	6.0	6.4	7.1	8.6	10.6	96.2	5.0	4.1	0.1	2.5	S
02	25	3.2	9.3	-1.3	4.7	5.7	6.1	6.4	7.1	8.6	10.5	60.9	0.5	18.4	1.1	9.6	WSW
02	26	2.0	9.3	-3.0	3.7	5.1	5.8	6.2	7.0	8.6	10.5	55.2	0.0	18.7	1.1	6.4	SW
02	27	3.8	14.4	-2.7	4.7	5.4	5.8	6.1	6.9	8.5	10.5	63.8	0.0	18.7	0.4	3.4	SSW
02	28	5.8	16.8	-1.8	5.9	6.1	6.3	6.4	7.0	8.5	10.5	72.0	0.0	18.9	0.2	3.8	SSE
計	Total												45.5				
平均	Mean	3.6	10.6	-1.6	4.8	5.5	6.0	6.3	7.0	8.5	10.8	73.9	1.6	12.1	0.5	4.6	
最高	Max.	9.2	16.8	5.6	8.6	8.2	8.1	8.0	8.1	8.9	11.4	96.3	24.5	18.9	1.2	9.6	
最低	Min.	-0.6	5.7	-6.7	1.5	3.0	3.8	4.5	5.8	8.2	10.5	51.3	0.0	1.1	0.0	1.6	

2023年 03月
Mar. 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
03	1	8.5	17.4	1.0	7.4	7.1	7.1	7.0	7.3	8.5	10.4	76.9	0.0	14.6	0.2	3.5	ENE
03	2	6.3	10.7	-0.7	8.7	8.3	8.1	7.9	7.8	8.6	10.4	76.1	4.0	16.1	0.9	6.9	SE
03	3	2.7	11.9	-3.2	5.9	6.9	7.4	7.6	8.1	8.7	10.4	70.7	0.0	19.0	0.2	4.3	SE
03	4	5.3	13.6	-1.9	5.9	6.9	7.2	7.4	7.9	8.8	10.4	71.9	0.0	15.2	0.3	4.3	WSW
03	5	5.0	11.4	-0.7	6.3	7.1	7.3	7.5	8.0	8.9	10.4	82.1	0.0	7.7	0.0	2.1	WSW
03	6	6.1	16.1	-0.5	7.4	7.4	7.5	7.6	8.0	8.9	10.4	70.0	0.0	19.4	0.2	3.2	W
03	7	6.8	18.0	-1.2	7.4	7.5	7.7	7.8	8.2	9.0	10.4	60.8	0.0	19.5	0.2	3.9	W
03	8	9.2	20.4	1.1	8.5	8.1	8.2	8.1	8.3	9.0	10.4	62.7	0.0	17.7	0.1	2.8	W
03	9	12.1	21.3	3.8	10.3	9.2	8.9	8.7	8.7	9.1	10.4	68.4	0.0	16.6	0.4	5.7	S
03	10	13.1	20.9	4.8	13.2	11.1	10.4	9.8	9.3	9.2	10.4	70.9	0.5	17.1	0.4	4.9	SW
03	11	10.8	21.8	2.7	11.3	10.6	10.4	10.2	9.8	9.5	10.4	66.6	0.0	19.1	0.3	5.0	WSW
03	12	12.3	19.1	6.7	11.1	10.8	10.6	10.4	10.1	9.7	10.5	80.2	0.0	7.5	0.3	5.2	SSE
03	13	7.5	12.0	1.3	9.8	10.7	10.7	10.6	10.4	9.9	10.5	84.7	31.0	5.2	0.4	5.2	S
03	14	6.1	15.6	-0.7	8.1	9.1	9.5	9.8	10.1	10.1	10.6	65.0	0.0	20.9	0.3	4.3	W
03	15	8.8	17.9	1.2	9.2	9.5	9.6	9.6	9.9	10.2	10.6	75.8	0.0	19.6	0.2	4.1	W
03	16	12.3	20.5	5.1	11.7	10.6	10.3	10.1	10.0	10.2	10.7	77.3	0.0	19.4	0.2	4.2	W
03	17	10.9	17.0	6.5	12.5	11.6	11.2	10.9	10.5	10.2	10.8	80.1	3.5	12.8	0.1	2.7	W
03	18	7.8	10.8	3.2	10.2	10.9	11.0	11.0	10.8	10.4	10.8	97.9	19.5	3.5	0.1	2.8	WSW
03	19	7.1	17.0	1.0	9.4	10.0	10.2	10.4	10.6	10.5	10.8	68.3	0.0	22.4	0.2	3.5	W
03	20	8.0	18.0	-0.6	9.8	9.9	10.1	10.2	10.5	10.6	10.9	71.4	0.0	21.6	0.1	4.7	W
03	21	10.3	17.9	5.1	10.6	10.5	10.5	10.5	10.5	10.6	11.0	90.5	4.5	7.5	0.0	2.5	WSW
03	22	14.3	24.3	7.5	13.8	12.0	11.4	11.0	10.7	10.7	11.0	84.8	0.0	20.2	0.2	5.3	W
03	23	14.7	19.5	8.3	13.7	12.7	12.2	11.9	11.4	10.8	11.0	96.0	25.0	3.5	0.5	6.0	SSE
03	24	16.5	23.6	12.1	17.8	14.6	13.6	12.9	12.0	11.0	11.1	87.4	0.0	18.4	0.1	3.7	WNW
03	25	11.3	13.0	10.1	14.1	14.0	13.7	13.5	12.7	11.3	11.1	98.8	18.5	3.3	0.1	3.4	WNW
03	26	10.3	12.4	7.0	12.3	12.8	12.8	12.9	12.7	11.6	11.2	99.9	25.0	2.3	0.1	3.1	NW
03	27	8.9	16.8	3.0	11.6	12.0	12.1	12.3	12.4	11.9	11.3	77.6	0.5	18.0	0.2	3.9	WNW
03	28	8.5	18.6	2.1	11.6	11.8	11.9	12.0	12.2	11.9	11.4	71.7	0.0	22.8	0.1	4.0	WNW
03	29	9.4	19.1	2.6	12.3	12.0	12.0	12.0	12.1	11.9	11.5	68.7	0.0	23.5	0.1	4.2	WNW
03	30	9.4	20.1	1.0	12.1	12.0	12.1	12.0	12.1	11.9	11.6	65.2	0.0	23.0	0.2	4.3	WNW
03	31	11.5	20.5	4.7	12.8	12.2	12.2	12.1	12.1	11.9	11.7	73.2	0.0	15.5	0.1	3.2	WNW
計	Total												132.0				
平均	Mean	9.4	17.3	3.0	10.5	10.3	10.3	10.2	10.2	10.2	10.8	77.2	4.3	15.3	0.2	4.1	
最高	Max.	16.5	24.3	12.1	17.8	14.6	13.7	13.5	12.7	11.9	11.7	99.9	31.0	23.5	0.9	6.9	
最低	Min.	2.7	10.7	-3.2	5.9	6.9	7.1	7.0	7.3	8.5	10.4	60.8	0.0	2.3	0.0	2.1	

2023年 04月
Apr. 2023

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 ²	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
04	1	13.2	24.8	4.2	13.9	12.8	12.6	12.4	12.3	12.0	11.7	67.0	0.0	23.7	0.2	4.6	W
04	2	12.5	21.5	5.6	13.6	13.3	13.0	12.8	12.5	12.0	11.8	80.5	6.0	17.3	0.1	4.7	W
04	3	13.3	20.6	8.3	15.7	14.0	13.6	13.2	12.8	12.1	11.8	77.1	0.0	22.0	0.2	4.3	W
04	4	12.2	21.0	5.6	14.7	14.1	13.9	13.6	13.1	12.3	11.9	77.2	0.0	19.6	0.2	3.8	W
04	5	12.9	19.0	7.8	14.4	13.9	13.8	13.6	13.3	12.4	11.9	77.0	0.0	13.1	0.2	3.9	SSE
04	6	13.1	15.2	10.6	13.6	13.7	13.6	13.6	13.4	12.6	12.0	99.3	11.0	1.6	0.6	6.7	SSE
04	7	14.5	16.0	10.2	14.4	14.2	13.9	13.8	13.5	12.7	12.1	99.4	83.0	0.7	0.9	7.6	WSW
04	8	8.2	13.7	3.6	11.6	13.3	13.6	13.7	13.7	13.0	12.2	79.9	0.0	11.7	0.3	6.4	NNE
04	9	7.6	17.0	0.1	10.7	11.9	12.3	12.7	13.2	13.1	12.3	63.6	0.0	25.4	0.4	6.0	NE
04	10	10.8	21.0	1.5	12.4	12.3	12.4	12.5	12.8	13.0	12.4	67.9	0.0	24.9	0.2	3.9	W
04	11	14.4	23.2	6.7	15.1	13.6	13.3	13.1	13.0	12.9	12.4	75.0	0.0	22.2	0.6	5.8	WNW
04	12	13.1	20.2	4.5	14.6	14.5	14.2	13.8	13.4	12.9	12.4	85.6	1.0	7.5	0.2	4.6	NW
04	13	10.6	22.1	0.5	12.8	13.3	13.4	13.4	13.5	13.0	12.5	61.6	0.0	25.5	0.2	4.7	NE
04	14	13.4	22.9	5.4	14.2	13.7	13.6	13.5	13.4	13.0	12.5	72.4	0.0	18.4	0.1	4.6	NNE
04	15	11.9	13.1	10.6	13.7	13.9	13.8	13.8	13.6	13.1	12.6	99.0	32.0	3.3	0.0	2.8	NW
04	16	13.8	19.1	8.3	15.8	14.4	14.1	13.8	13.6	13.2	12.6	73.3	3.0	24.7	0.5	7.3	N
04	17	10.2	17.6	3.5	14.3	14.2	14.2	14.1	13.9	13.3	12.7	71.2	0.5	23.4	0.5	5.8	NE
04	18	11.1	19.4	2.2	13.5	13.6	13.7	13.8	13.8	13.3	12.7	78.0	3.0	16.5	0.2	4.0	NNW
04	19	15.3	22.3	10.8	16.5	14.8	14.4	14.1	13.9	13.4	12.8	89.5	1.0	14.5	0.0	2.6	N
04	20	17.9	26.7	10.8	17.9	16.0	15.4	14.8	14.3	13.5	12.8	79.4	0.0	23.4	0.2	4.5	N
04	21	17.9	27.1	11.1	18.5	17.0	16.3	15.7	14.8	13.6	12.9	74.2	0.0	20.4	0.4	4.3	NNE
04	22	13.4	22.7	4.2	17.0	16.4	16.2	15.8	15.2	13.8	12.9	45.3	0.0	26.1	0.5	4.8	NNE
04	23	12.3	22.4	2.4	16.3	15.4	15.4	15.4	15.2	14.0	13.0	50.0	0.0	26.4	0.2	3.9	N
04	24	11.5	18.6	5.6	16.0	15.3	15.3	15.3	15.1	14.2	13.1	42.2	0.0	15.2	0.2	5.1	NE
04	25	10.4	14.0	3.5	12.8	14.0	14.4	14.7	14.9	14.2	13.2	74.2	0.5	4.5	0.4	6.1	WNW
04	26	12.2	16.0	6.5	13.4	13.9	14.0	14.2	14.5	14.2	13.2	93.5	24.0	4.2	0.4	5.2	WNW
04	27	12.3	22.2	4.7	14.5	14.0	14.0	14.0	14.2	14.2	13.3	73.2	0.0	27.4	0.3	4.1	NNE
04	28	13.6	22.4	6.7	15.9	15.0	14.7	14.5	14.4	14.1	13.4	74.6	0.0	25.0	0.2	4.5	NNE
04	29	14.4	21.3	8.7	15.9	15.3	15.1	14.9	14.7	14.1	13.4	86.9	10.0	12.9	0.2	4.1	NNW
04	30	14.8	19.0	7.1	17.1	16.2	15.8	15.6	15.1	14.3	13.5	94.4	40.5	7.0	0.1	5.2	NW
計	Total												215.5				
平均	Mean	12.8	20.1	6.0	14.7	14.3	14.1	14.0	13.8	13.2	12.6	76.1	7.2	17.0	0.3	4.9	
最高	Max.	17.9	27.1	11.1	18.5	17.0	16.3	15.8	15.2	14.3	13.5	99.4	83.0	27.4	0.9	7.6	
最低	Min.	7.6	13.1	0.1	10.7	11.9	12.3	12.4	12.3	12.0	11.7	42.2	0.0	0.7	0.0	2.6	

2023年 05月
May 2023

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 ²	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
05	1	14.0	23.5	5.4	16.2	15.7	15.6	15.5	15.3	14.5	13.5	62.6	0.0	27.0	0.4	4.7	N
05	2	13.3	23.0	4.7	16.5	15.8	15.7	15.5	15.3	14.6	13.6	58.2	0.0	27.4	0.6	6.2	NNE
05	3	15.0	23.8	6.6	17.7	16.1	15.9	15.6	15.4	14.6	13.7	71.6	0.0	26.2	0.2	3.8	SSE
05	4	16.3	25.6	8.9	19.2	17.0	16.5	16.1	15.6	14.7	13.7	74.5	0.0	26.0	0.2	4.0	SSW
05	5	17.0	22.7	10.9	19.6	17.4	17.0	16.6	16.0	14.8	13.8	76.1	0.0	18.9	0.3	4.9	E
05	6	18.2	21.9	16.3	18.8	17.6	17.3	16.9	16.3	15.0	13.8	86.8	2.0	6.1	0.4	4.5	E
05	7	18.5	19.6	17.5	18.6	18.0	17.6	17.4	16.8	15.3	13.9	99.3	116.0	2.1	0.5	7.0	ENE
05	8	15.4	20.3	7.8	19.3	18.5	18.2	18.0	17.6	16.2	14.3	72.7	24.0	25.2	0.6	5.8	S
05	9	13.2	21.6	5.5	18.0	17.6	17.6	17.6	17.4	16.3	14.4	69.1	0.0	27.4	0.2	3.7	WNW
05	10	15.2	25.7	5.9	18.7	17.6	17.5	17.4	17.2	16.3	14.5	67.2	0.0	27.0	0.1	3.9	WNW
05	11	14.6	24.4	6.3	19.4	17.9	17.7	17.5	17.2	16.2	14.6	58.8	0.0	28.2	0.2	3.7	WNW
05	12	14.6	23.5	5.8	19.2	17.5	17.5	17.4	17.2	16.2	14.7	68.9	0.0	23.9	0.2	4.6	WNW
05	13	14.6	21.0	10.7	18.0	17.6	17.5	17.4	17.2	16.3	14.7	87.8	18.0	10.7	0.1	3.7	W
05	14	13.7	16.1	11.8	15.9	16.4	16.7	16.9	17.0	16.3	14.8	94.9	17.5	6.7	0.1	3.1	WSW
05	15	15.3	22.2	10.8	18.4	17.0	16.8	16.7	16.8	16.3	14.9	88.9	3.0	16.0	0.1	3.6	WNW
05	16	16.8	27.7	9.3	19.3	17.7	17.3	17.1	16.9	16.3	15.0	75.4	0.0	27.5	0.2	4.1	WNW
05	17	20.0	31.9	11.2	21.5	18.8	18.2	17.7	17.2	16.3	15.0	71.9	0.0	26.9	0.1	3.1	WNW
05	18	21.0	30.9	13.4	22.4	19.8	19.1	18.5	17.7	16.4	15.1	64.3	0.0	24.4	0.3	4.9	WSW
05	19	16.2	19.0	15.1	18.3	18.9	18.8	18.8	18.2	16.6	15.1	95.6	62.0	3.0	0.1	3.9	W
05	20	19.2	27.6	13.6	21.6	19.1	18.5	18.3	18.1	17.0	15.3	85.6	0.0	26.3	0.1	3.0	WNW
05	21	20.5	27.5	15.9	23.3	20.5	19.8	19.2	18.4	17.1	15.4	83.3	0.0	20.6	0.1	2.5	WNW
05	22	20.5	29.3	13.8	23.5	20.9	20.3	19.7	18.9	17.2	15.4	77.0	4.5	24.9	0.2	3.1	W
05	23	16.2	23.0	10.5	21.4	20.4	20.2	19.9	19.1	17.4	15.5	77.6	1.0	16.8	0.3	5.6	NW
05	24	15.5	24.6	8.8	20.1	19.3	19.3	19.2	19.0	17.6	15.6	60.5	0.0	29.1	0.6	5.0	NW
05	25	15.3	20.9	10.7	18.9	18.8	18.9	18.9	18.8	17.6	15.7	84.6	0.5	11.9	0.2	5.5	WSW
05	26	16.2	21.9	11.1	18.7	18.4	18.5	18.5	18.5	17.6	15.8	81.5	0.0	12.5	0.1	4.9	WSW
05	27	18.2	26.8	11.7	21.4	19.1	18.8	18.6	18.4	17.6	15.9	80.4	0.0	24.3	0.2	4.3	NNW
05	28	19.0	25.8	13.9	22.4	19.9	19.5	19.1	18.6	17.6	15.9	79.1	0.0	19.4	0.1	3.4	WNW
05	29	18.7	20.4	16.8	20.6	19.9	19.5	19.4	18.9	17.6	16.0	99.0	35.0	3.8	0.0	1.3	WSW
05	30	19.8	26.1	16.3	22.1	20.3	19.8	19.5	19.0	17.7	16.0	91.4	5.5	13.3	0.0	2.8	SW
05	31	17.6	23.2	13.4	20.9	20.2	19.9	19.7	19.2	17.9	16.1	91.3	0.0	11.3	0.1	3.9	SSE
計	Total												289.0				
平均	Mean	16.8	23.9	11.0	19.7	18.4	18.1	17.9	17.5	16.4	14.9	78.6	9.3	19.2	0.2	4.1	
最高	Max.	21.0	31.9	17.5	23.5	20.9	20.3	19.9	19.2	17.9	16.1	99.3	116.0	29.1	0.6	7.0	
最低	Min.	13.2	16.1	4.7	15.9	15.7	15.6	15.5	15.3	14.5	13.5	58.2	0.0	2.1	0.0	1.3	

2023年 06月
June 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
06	1	18.8	24.0	12.6	20.4	19.8	19.6	19.5	19.2	18.0	16.2	82.4	12.5	16.0	0.3	4.3	WSW
06	2	19.5	21.4	17.9	19.8	20.1	19.9	19.9	19.6	18.5	16.7	99.4	185.0	1.3	0.1	5.8	SW
06	3	19.5	26.4	10.7	22.5	20.7	20.3	20.1	19.9	19.2	17.2	73.1	4.5	25.3	0.5	5.6	NW
06	4	17.0	25.3	8.7	20.4	20.1	20.1	20.1	19.9	19.1	17.2	72.0	0.0	23.8	0.2	3.6	WNW
06	5	18.1	26.1	11.5	21.0	20.1	20.0	19.9	19.8	19.0	17.2	76.6	0.0	18.3	0.1	2.5	NW
06	6	16.3	22.6	12.2	19.3	19.6	19.8	19.8	19.7	18.9	17.2	90.1	2.5	7.8	0.0	2.9	W
06	7	19.4	27.8	14.7	21.9	20.1	19.8	19.6	19.5	18.9	17.2	84.7	6.0	23.1	0.2	3.1	WNW
06	8	18.6	24.2	13.7	20.4	20.2	20.1	20.0	19.7	18.8	17.2	90.1	16.0	9.7	0.1	3.3	SW
06	9	20.6	26.3	17.1	22.2	20.4	20.1	20.0	19.8	18.9	17.3	91.7	30.0	13.9	0.1	5.8	WSW
06	10	20.7	26.7	15.9	22.2	21.0	20.6	20.4	20.0	19.0	17.4	86.0	0.0	15.1	0.2	4.3	W
06	11	19.2	21.2	17.9	21.1	20.8	20.6	20.5	20.2	19.1	17.4	98.7	24.0	4.7	0.0	1.7	NW
06	12	20.0	22.0	18.4	21.1	20.7	20.5	20.4	20.2	19.2	17.5	99.3	27.5	4.1	0.0	2.2	NW
06	13	22.4	29.9	17.1	24.5	21.6	21.0	20.6	20.2	19.3	17.6	85.9	0.0	25.9	0.1	3.6	NW
06	14	21.6	26.1	19.0	23.8	22.2	21.7	21.4	20.7	19.3	17.6	92.9	12.5	11.1	0.0	2.8	NNW
06	15	20.7	23.5	17.8	23.0	22.1	21.8	21.5	21.0	19.5	17.6	95.8	0.5	7.2	0.0	1.6	NW
06	16	20.9	27.3	15.2	24.0	22.1	21.7	21.4	21.0	19.6	17.7	77.4	0.0	26.3	0.6	6.1	NW
06	17	21.7	31.7	13.6	24.9	22.3	21.9	21.5	21.0	19.7	17.8	74.4	0.0	28.9	0.2	3.6	NW
06	18	20.9	27.7	15.6	24.0	22.5	22.2	21.9	21.2	19.8	17.8	83.2	0.0	15.8	0.1	2.6	WNW
06	19	22.4	30.7	15.1	25.4	22.5	22.1	21.8	21.3	19.9	17.9	73.9	0.0	27.3	0.3	4.3	WNW
06	20	21.4	27.4	16.1	26.1	23.1	22.6	22.2	21.5	20.0	18.0	73.6	0.0	20.7	0.3	4.4	NW
06	21	20.0	25.4	15.6	24.1	22.5	22.4	22.2	21.7	20.1	18.0	76.9	0.0	14.3	0.4	4.9	NW
06	22	17.8	21.3	14.8	20.5	21.0	21.3	21.5	21.5	20.2	18.1	95.3	27.0	5.8	0.1	3.5	WNW
06	23	19.9	26.0	17.2	22.1	21.1	21.0	21.0	21.0	20.3	18.2	94.7	1.5	10.9	0.0	2.1	NNW
06	24	21.1	27.7	16.5	23.3	21.8	21.5	21.3	21.1	20.2	18.2	85.7	0.0	18.5	0.0	2.3	NW
06	25	21.2	28.2	16.6	23.9	22.3	22.0	21.7	21.2	20.2	18.3	86.8	0.0	18.6	0.0	3.1	W
06	26	22.4	29.3	17.4	24.4	22.6	22.3	21.9	21.4	20.2	18.4	85.6	0.0	16.8	0.1	2.2	WNW
06	27	24.1	31.2	19.6	26.1	23.4	22.8	22.3	21.7	20.3	18.4	85.7	0.0	17.1	0.0	2.6	NW
06	28	24.1	32.6	20.0	26.1	23.9	23.3	22.9	22.0	20.4	18.4	87.2	9.0	17.1	0.1	4.0	WNW
06	29	23.2	30.1	20.1	25.8	23.8	23.3	23.0	22.3	20.6	18.5	92.1	13.5	16.2	0.1	3.3	NW
06	30	23.8	28.1	21.5	25.3	24.3	23.9	23.6	22.7	20.8	18.5	94.7	36.0	11.4	0.2	6.7	W
計	Total												408.0				
平均	Mean	20.6	26.6	16.0	23.0	21.6	21.3	21.1	20.7	19.6	17.7	86.2	13.6	15.8	0.1	3.6	
最高	Max.	24.1	32.6	21.5	26.1	24.3	23.9	23.6	22.7	20.8	18.5	99.4	185.0	28.9	0.6	6.7	
最低	Min.	16.3	21.2	8.7	19.3	19.6	19.6	19.5	19.2	18.0	16.2	72.0	0.0	1.3	0.0	1.6	

2023年 07月
July 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
07	1	23.7	29.3	21.8	25.7	24.4	24.0	23.8	23.2	21.3	18.8	94.9	23.0	11.4	0.0	3.7	W
07	2	24.6	32.5	19.2	27.4	24.9	24.3	23.9	23.2	21.5	18.9	84.5	2.0	27.7	0.1	3.0	WNW
07	3	24.4	32.2	19.6	26.7	25.2	24.7	24.2	23.4	21.6	19.0	86.5	0.0	19.6	0.1	3.4	NW
07	4	25.5	34.1	19.4	27.9	25.3	24.8	24.3	23.6	21.7	19.1	75.6	0.0	27.0	0.5	5.2	W
07	5	22.5	26.2	19.5	25.4	25.0	24.8	24.5	23.7	21.8	19.2	87.0	11.0	8.8	0.3	4.3	W
07	6	23.8	32.9	18.3	26.3	24.5	24.2	24.0	23.6	21.9	19.3	82.1	2.0	26.4	0.2	3.5	NW
07	7	24.6	32.4	18.1	26.7	24.9	24.5	24.2	23.6	21.9	19.4	81.4	0.0	23.0	0.2	4.6	W
07	8	26.1	29.4	23.1	26.6	25.4	24.9	24.5	23.8	22.0	19.5	86.5	0.0	10.3	0.6	5.5	W
07	9	24.6	28.7	22.6	25.7	25.0	24.6	24.5	24.2	22.6	19.8	95.2	71.5	8.6			
07	10	24.9	33.8	20.7	27.0	25.5	25.0	24.8	24.3	22.9	20.0	91.5	3.0	17.2			
07	11	25.1	32.7	20.1	27.5	25.7	25.3	25.0	24.4	22.8	20.1	87.7	0.0	21.6			
07	12	24.5	33.2	20.6	27.0	25.9	25.5	25.2	24.5	22.8	20.1	88.3	7.5	17.9			
07	13	22.4	25.9	20.8	25.0	25.1	25.1	25.0	24.5	22.8	20.2	97.2	8.0	6.5			
07	14	24.4	29.5	20.5	26.1	25.2	24.8	24.7	24.3	22.9	20.2	91.6	0.0	13.8			
07	15	25.8	32.3	22.4	27.4	26.0	25.4	25.0	24.4	22.9	20.3	85.5	0.0	18.1			
07	16	26.6	34.6	21.9	28.3	26.8	26.1	25.5	24.7	22.9	20.4	83.6	0.0	20.7			
07	17	27.1	36.5	20.4	29.2	27.4	26.6	26.0	25.0	23.0	20.4	78.2	0.0	27.2			
07	18	27.0	35.0	20.9	29.2	27.6	27.0	26.4	25.3	23.1	20.5	79.8	0.0	23.8			
07	19	26.2	33.0	21.9	28.3	27.4	27.0	26.5	25.6	23.3	20.5	83.2	3.5	16.6			
07	20	25.9	33.5	20.9	28.4	27.3	26.8	26.3	25.6	23.4	20.6	79.6	0.0	26.2			
07	21	23.9	30.7	18.7	26.9	26.9	26.6	26.3	25.6	23.5	20.7	83.7	0.0	17.2			
07	22	25.1	32.9	19.5	27.8	26.7	26.4	26.0	25.5	23.6	20.8	80.8	0.0	22.6			
07	23	25.1	33.0	19.2	28.3	26.9	26.5	26.1	25.5	23.6	20.9	80.7	0.0	22.6			
07	24	25.6	33.0	19.5	28.4	27.0	26.6	26.2	25.5	23.7	20.9	77.8	0.0	24.0			
07	25	27.1	35.4	21.5	29.8	27.7	27.0	26.5	25.6	23.7	21.0	76.6	0.0	25.6			
07	26	27.6	36.7	21.0	30.5	28.3	27.5	26.9	25.9	23.8	21.1	75.7	0.0	25.6			
07	27	27.0	37.3	21.8	30.4	28.6	27.8	27.3	26.2	23.9	21.1	81.9	4.0	26.2			
07	28	26.1	34.3	19.7	29.1	28.1	27.6	27.3	26.4	24.1	21.2	83.6	0.5	23.8			
07	29	26.8	34.4	21.9	29.9	28.4	27.8	27.3	26.4	24.2	21.3	79.5	0.0	20.0			
07	30	26.8	35.3	20.0	29.5	28.1	27.7	27.3	26.5	24.3	21.3	77.8	0.0	23.3			
07	31	27.3	34.0	22.4	29.8	28.4	27.9	27.4	26.5	24.4	21.4	78.3	0.0	18.8			
計	Total												136.0				
平均	Mean	25.4	32.7	20.6	27.8	26.4	26.0	25.6	24.9	23.0	20.3	83.7	4.4	20.1			
最高	Max.	27.6	37.3	23.1	30.5	28.6	27.9	27.4	26.5	24.4	21.4	97.2	71.5	27.7			
最低	Min.	22.4	25.9	18.1	25.0	24.4	24.0	23.8	23.2	21.3	18.8	75.6	0.0	6.5			

2023年 08月
Aug. 2023

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 ²	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
08	1	27.8	34.6	22.9	30.6	28.6	28.0	27.5	26.6	24.5	21.5	75.2	0.0	22.6			
08	2	27.0	34.4	22.1	30.3	28.6	28.2	27.7	26.8	24.6	21.6	77.4	0.0	23.4			
08	3	26.6	33.4	21.4	30.1	28.5	28.1	27.6	26.8	24.7	21.7	78.2	0.0	20.7			
08	4	27.1	34.3	22.1	30.2	28.5	28.1	27.6	26.8	24.8	21.7	78.2	0.0	19.7			
08	5	26.7	34.7	22.3	29.9	28.4	28.0	27.6	26.9	24.8	21.8	81.4	0.5	20.8			
08	6	27.2	34.5	22.5	30.2	28.5	28.0	27.6	26.9	24.9	21.9	79.2	2.5	22.2			
08	7	25.4	30.3	23.0	28.1	28.0	27.7	27.6	26.9	24.9	22.0	89.3	14.5	15.0			
08	8	27.8	34.0	23.1	28.8	28.0	27.6	27.3	26.8	25.0	22.0	73.9	0.0	23.5			
08	9	25.1	28.4	22.5	27.0	27.5	27.4	27.3	26.8	25.0	22.1	92.8	12.5	9.3			
08	10	26.9	33.2	21.5	27.2	27.2	27.0	26.8	26.5	25.0	22.1	74.8	2.5	24.6			
08	11	26.0	34.8	19.5	27.6	27.4	27.1	26.8	26.4	24.9	22.2	78.4	0.0	25.2	0.2	4.0	NNW
08	12	27.3	36.2	20.6	28.8	27.9	27.5	27.1	26.5	24.9	22.2	76.9	0.0	25.3	0.3	3.6	N
08	13	27.3	36.9	22.6	29.5	28.5	28.0	27.5	26.7	24.9	22.3	82.8	1.0	21.9	0.3	4.2	N
08	14	26.4	35.4	21.8	28.7	28.2	27.9	27.6	26.9	25.0	22.3	88.5	2.5	16.1	0.1	2.2	N
08	15	24.0	25.4	23.1	24.8	26.1	26.3	26.6	26.7	25.3	22.4	94.9	56.0	2.1	1.2	8.5	WNW
08	16	25.6	30.5	22.2	25.8	25.6	25.5	25.7	26.0	25.6	22.6	88.5	18.5	12.7	1.1	7.6	WNW
08	17	25.8	31.7	21.9	27.4	26.6	26.3	26.2	26.0	25.4	22.7	87.4	1.5	14.9	0.4	4.6	WNW
08	18	25.8	32.9	21.5	27.5	27.0	26.7	26.5	26.1	25.2	22.8	85.4	0.0	18.1	0.2	3.9	N
08	19	27.5	35.3	22.7	29.0	27.8	27.3	26.9	26.3	25.1	22.8	80.9	0.0	22.2	0.3	3.4	N
08	20	27.6	36.0	21.3	29.2	28.2	27.8	27.3	26.6	25.1	22.8	79.3	0.0	23.6	0.2	3.8	N
08	21	26.8	34.9	23.8	28.8	28.3	28.0	27.6	26.9	25.2	22.8	88.7	5.0	12.7	0.1	3.3	N
08	22	26.7	33.7	22.6	28.3	28.0	27.8	27.5	26.9	25.2	22.8	89.2	0.0	15.9	0.1	2.2	N
08	23	26.1	31.3	22.9	27.7	27.7	27.6	27.4	26.9	25.3	22.8	86.8	2.5	13.4	0.5	4.6	WNW
08	24	23.6	28.9	22.0	25.8	26.7	26.8	26.9	26.7	25.3	22.8	97.1	17.5	6.1	0.2	3.8	NNW
08	25	25.0	31.8	21.4	25.8	25.5	25.5	25.6	26.0	25.5	22.9	88.9	23.5	14.9	0.2	3.6	WNW
08	26	25.4	33.9	20.3	26.8	26.5	26.3	26.1	26.0	25.4	23.0	86.0	4.0	20.1	0.2	4.0	NNW
08	27	25.3	32.4	20.9	27.6	27.0	26.8	26.5	26.2	25.2	23.1	86.8	0.0	20.4	0.2	3.2	N
08	28	26.2	34.1	20.5	27.9	27.3	27.0	26.7	26.3	25.2	23.1	82.5	0.0	22.1	0.2	3.4	NNW
08	29	26.2	33.5	21.5	28.0	27.5	27.3	27.0	26.5	25.2	23.1	79.4	0.0	23.0	0.4	4.3	NW
08	30	25.0	30.0	20.6	26.8	27.0	27.0	26.9	26.5	25.2	23.1	87.7	0.0	11.5	0.3	4.3	NW
08	31	25.3	32.1	20.8	26.5	26.8	26.7	26.6	26.4	25.2	23.1	82.0	0.0	16.0	0.4	4.3	NW
計	Total												164.5				
平均	Mean	26.2	33.0	21.9	28.1	27.5	27.3	27.0	26.6	25.1	22.4	83.8	5.3	18.1			
最高	Max.	27.8	36.9	23.8	30.6	28.6	28.2	27.7	26.9	25.6	23.1	97.1	56.0	25.3			
最低	Min.	23.6	25.4	19.5	24.8	25.5	25.5	25.6	26.0	24.5	21.5	73.9	0.0	2.1			

2023年 09月
Sep. 2023

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 ²	平均	最大	風向	
		Mean	Max.	Min.											Mean	Max.	Dir.	
09	1	24.8	33.2	19.9	26.6	26.7	26.6	26.5	26.3	25.2	23.1	80.8	0.0	21.1	0.3	4.4	NNW	
09	2	25.0	33.6	19.7	26.9	26.7	26.6	26.5	26.2	25.2	23.1	83.8	0.0	18.5	0.1	2.8	N	
09	3	26.5	35.0	21.2	28.3	27.1	26.9	26.6	26.2	25.2	23.1	81.8	0.0	20.0	0.2	3.5	NNW	
09	4	25.7	31.5	22.6	27.5	27.3	27.1	26.9	26.4	25.2	23.2	90.0	8.5	10.4	0.1	2.3	NNW	
09	5	25.7	32.3	22.2	27.5	27.1	26.9	26.8	26.4	25.2	23.2	87.9	0.5	17.3	0.3	3.2	NW	
09	6	22.7	26.5	20.5	24.5	25.7	25.9	26.1	26.3	25.4	23.2	97.7	42.5	4.4	0.1	2.7	NW	
09	7	23.4	31.1	18.6	25.0	25.3	25.4	25.6	25.8	25.4	23.3	89.2	0.5	16.7	0.1	3.4	N	
09	8	22.5	25.7	20.5	24.7	25.5	25.6	25.7	25.7	25.3	23.3	95.1	2.0	6.2	0.1	2.5	N	
09	9	24.8	31.9	20.2	26.0	25.8	25.7	25.6	25.6	25.1	23.3	85.1	0.0	21.2	0.2	3.5	N	
09	10	23.8	31.4	20.0	25.0	25.9	25.9	25.9	25.7	25.0	23.3	91.9	17.5	12.3	0.1	3.6	NNW	
09	11	22.3	24.8	21.0	23.9	25.2	25.4	25.6	25.6	25.0	23.3	98.8	11.0	3.9	0.1	1.9	NNW	
09	12	22.8	27.4	20.4	24.5	24.9	25.0	25.1	25.3	25.0	23.3	95.6	2.0	9.1	0.0	2.2	NNW	
09	13	23.4	30.4	19.6	24.8	25.1	25.1	25.1	25.2	24.9	23.3	90.1	0.0	13.8	0.1	2.5	N	
09	14	24.1	30.8	19.4	25.4	25.3	25.3	25.2	25.2	24.8	23.3	90.6	0.0	12.5	0.1	2.6	NNW	
09	15	26.0	33.3	22.0	27.3	26.2	25.9	25.6	25.3	24.7	23.3	85.8	0.0	19.1	0.2	4.1	N	
09	16	26.5	33.9	22.3	27.3	26.8	26.5	26.1	25.6	24.7	23.3	86.1	0.0	17.3	0.2	2.9	N	
09	17	25.2	31.4	21.2	26.4	26.6	26.5	26.3	25.8	24.8	23.2	86.2	0.0	16.5	0.4	4.5	NNW	
09	18	24.5	29.8	21.5	25.9	26.2	26.2	26.1	25.8	24.8	23.2	91.0	1.0	11.4	0.2	3.3	WNW	
09	19	25.0	32.1	21.8	26.7	26.3	26.1	26.0	25.8	24.8	23.2	89.1	7.5	16.2	0.1	2.7	N	
09	20	23.5	31.6	20.2	25.1	25.7	25.8	25.9	25.8	24.9	23.2	92.0	33.0	13.2	0.1	3.7	NNE	
09	21	23.6	26.7	20.2	24.2	24.9	25.1	25.4	25.6	25.0	23.3	95.8	35.5	5.1	0.5	4.6	W	
09	22	23.5	28.9	20.2	25.3	25.3	25.2	25.3	25.4	25.1	23.4	92.1	0.5	12.8	0.1	1.9	N	
09	23	21.9	29.3	17.1	24.8	25.3	25.4	25.4	25.4	25.0	23.4	83.3	0.0	17.1	0.3	3.7	NNE	
09	24	20.5	28.9	15.7	23.7	24.6	24.9	25.0	25.2	24.9	23.5	82.9	0.0	19.5	0.1	3.1	N	
09	25	20.2	28.4	15.1	22.9	24.0	24.4	24.6	25.0	24.8	23.5	84.1	0.0	17.3	0.2	3.8	N	
09	26	21.4	29.4	16.0	23.4	24.1	24.3	24.4	24.7	24.7	23.4	84.7	0.0	16.5	0.1	2.9	N	
09	27	23.5	30.5	18.7	25.2	24.8	24.7	24.7	24.7	24.5	23.4	82.8	0.0	17.8	0.2	3.1	NNE	
09	28	24.0	30.5	19.3	25.2	25.3	25.2	25.1	24.9	24.5	23.4	84.4	0.0	11.5	0.1	3.1	NNW	
09	29	21.8	31.1	16.3	24.0	24.7	24.9	24.9	24.9	24.5	23.4	80.8	0.0	19.5	0.3	4.0	NNE	
09	30	23.1	29.6	17.5	24.3	24.5	24.6	24.7	24.8	24.5	23.3	83.8	0.0	15.4	0.3	3.7	WNW	
計	Total												162.0					
平均	Mean	23.7	30.4	19.7	25.4	25.6	25.6	25.6	25.6	24.9	23.3	88.1	5.4	14.5	0.2	3.2		
最高	Max.	26.5	35.0	22.6	28.3	27.3	27.1	26.9	26.4	25.4	23.5	98.8	42.5	21.2	0.5	4.6		
最低	Min.	20.2	24.8	15.1	22.9	24.0	24.3	24.4	24.7	24.5	23.1	80.8	0.0	3.9	0.0	1.9		

2023年 10月
Oct. 2023

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 ²	平均	最大	風向
		Mean	Max.	Min.											Mean	Max.	Dir.
10	1	20.4	23.5	14.6	22.4	23.6	23.9	24.2	24.6	24.4	23.3	96.9	28.0	3.1	0.2	3.1	NNW
10	2	16.7	25.1	10.5	20.1	22.2	22.9	23.5	24.1	24.4	23.3	81.0	0.0	17.2	0.3	3.9	N
10	3	17.0	25.1	9.4	19.3	21.4	22.1	22.7	23.5	24.2	23.3	87.5	9.0	14.8	0.1	3.1	N
10	4	17.9	21.4	16.1	19.9	21.3	21.8	22.3	23.1	23.9	23.3	97.7	29.0	5.0	0.1	2.8	N
10	5	15.6	19.9	9.0	18.6	20.8	21.5	22.0	22.7	23.7	23.2	88.0	0.5	6.6	0.5	4.9	N
10	6	14.4	20.8	8.5	16.6	19.3	20.3	21.0	22.2	23.4	23.2	72.3	0.0	16.8	1.0	5.5	NNE
10	7	15.3	22.7	9.7	17.7	19.1	19.9	20.5	21.7	23.1	23.1	69.7	0.0	15.8	0.5	4.5	NNE
10	8	14.4	19.0	11.9	17.1	19.1	19.8	20.4	21.4	22.8	23.0	91.1	11.5	4.8	0.0	2.0	N
10	9	16.1	18.9	13.5	17.9	19.1	19.6	20.1	21.1	22.6	22.9	98.7	15.5	4.8	0.0	1.3	N
10	10	17.9	24.2	13.1	19.3	20.0	20.2	20.4	21.0	22.4	22.8	84.0	2.0	14.1	0.5	4.9	N
10	11	16.1	23.9	11.5	17.9	19.4	19.9	20.3	21.0	22.2	22.7	78.6	0.0	14.1	0.3	4.0	NNE
10	12	14.8	24.5	10.1	17.4	19.2	19.8	20.2	20.9	22.0	22.6	87.1	0.0	14.3	0.1	2.8	N
10	13	13.9	23.4	9.2	16.6	18.7	19.3	19.8	20.7	21.9	22.5	84.4	0.0	16.1	0.1	3.1	NNE
10	14	15.0	21.5	8.9	16.5	18.3	19.0	19.5	20.4	21.8	22.3	89.2	6.5	9.3	0.1	2.5	NNW
10	15	14.8	21.6	10.0	17.4	18.6	19.1	19.5	20.2	21.6	22.2	94.3	25.5	10.2	0.2	3.6	N
10	16	13.9	22.1	9.6	16.2	17.9	18.5	19.1	20.0	21.4	22.1	89.8	0.0	12.4	0.2	3.4	N
10	17	14.0	23.1	8.2	15.9	17.8	18.4	18.9	19.8	21.2	22.0	82.6	0.0	15.9	0.3	3.7	N
10	18	12.9	23.6	7.3	15.2	17.3	18.1	18.6	19.6	21.1	21.9	85.2	0.0	16.1	0.1	3.2	N
10	19	15.5	24.1	9.7	16.2	17.6	18.1	18.5	19.4	20.9	21.8	87.6	0.0	15.0	0.1	2.8	NNE
10	20	16.9	24.8	11.9	17.3	18.5	18.7	18.9	19.5	20.7	21.7	90.8	5.5	9.5	0.2	2.6	NNW
10	21	11.5	17.6	5.2	14.5	17.4	18.3	18.8	19.5	20.7	21.6	77.6	0.0	11.3	0.8	4.6	N
10	22	9.5	18.9	3.4	12.9	15.8	16.9	17.7	19.0	20.6	21.5	82.1	0.0	16.2	0.2	3.3	NNE
10	23	12.3	21.1	6.8	14.0	15.9	16.7	17.3	18.5	20.4	21.4	86.9	0.0	14.0	0.2	3.4	NNE
10	24	12.8	22.3	8.4	14.1	16.1	16.8	17.3	18.3	20.1	21.3	88.1	0.0	13.1	0.0	2.7	N
10	25	13.2	21.8	8.6	14.6	16.2	16.8	17.3	18.2	20.0	21.2	85.0	0.0	13.0	0.2	2.8	N
10	26	12.9	22.5	7.4	14.1	16.1	16.8	17.2	18.1	19.8	21.1	83.3	0.0	15.2	0.2	3.5	NNE
10	27	13.3	21.9	7.6	14.4	16.2	16.7	17.1	18.1	19.7	21.0	84.7	3.0	13.9	0.2	7.3	NNE
10	28	12.6	20.0	7.0	14.1	16.2	16.8	17.2	18.0	19.6	20.8	82.5	0.0	12.3	0.5	3.5	N
10	29	12.5	19.9	6.9	13.0	15.6	16.4	16.9	17.9	19.5	20.7	69.6	0.0	14.8	0.8	6.5	NNE
10	30	10.9	21.4	5.1	12.6	15.1	16.0	16.5	17.6	19.3	20.6	84.5	0.0	14.7	0.1	2.8	NNE
10	31	12.3	21.5	6.6	13.1	15.1	15.8	16.3	17.4	19.2	20.5	85.4	0.0	13.7	0.1	4.1	N
計	Total												136.0				
平均	Mean	14.4	22.0	9.2	16.3	18.2	18.9	19.3	20.2	21.6	22.1	85.4	4.4	12.5	0.3	3.6	
最高	Max.	20.4	25.1	16.1	22.4	23.6	23.9	24.2	24.6	24.4	23.3	98.7	29.0	17.2	1.0	7.3	
最低	Min.	9.5	17.6	3.4	12.6	15.1	15.8	16.3	17.4	19.2	20.5	69.6	0.0	3.1	0.0	1.3	

2023年 11月
Nov. 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
11	1	12.0	21.4	7.3	13.1	15.4	16.0	16.4	17.3	19.0	20.4	85.0	0.0	14.1	0.1	2.6	NNE
11	2	13.7	23.1	7.8	13.4	15.4	16.0	16.3	17.2	18.9	20.3	87.7	0.0	13.1	0.1	2.8	NNE
11	3	14.9	23.9	10.4	14.2	16.0	16.4	16.6	17.3	18.8	20.2	89.0	0.0	13.0	0.0	3.1	N
11	4	15.1	23.6	10.9	14.6	16.2	16.6	16.8	17.4	18.7	20.1	92.6	0.0	10.0	0.0	2.2	NNE
11	5	16.4	24.1	11.9	15.7	16.8	17.0	17.1	17.5	18.7	20.0	86.4	0.0	12.2	0.2	3.8	NW
11	6	19.5	24.2	15.7	16.8	17.5	17.5	17.5	17.8	18.7	19.9	83.2	18.0	6.9	1.1	6.7	W
11	7	16.9	20.8	11.7	17.3	18.4	18.4	18.3	18.2	18.7	19.9	80.4	36.5	7.5	1.0	5.7	N
11	8	12.2	20.9	6.4	13.6	16.4	17.1	17.6	18.2	18.7	19.8	83.3	0.0	13.2	0.3	4.3	NNE
11	9	14.4	21.6	9.7	14.3	16.2	16.6	17.0	17.8	18.7	19.7	90.4	0.0	8.4	0.1	2.8	NW
11	10	15.1	16.1	13.8	14.9	16.6	16.8	17.1	17.7	18.7	19.6	99.8	31.0	1.2	0.2	3.5	NW
11	11	10.3	15.9	4.5	12.6	15.6	16.3	16.8	17.5	18.6	19.6	74.7	0.0	9.5	0.8	4.8	NE
11	12	8.6	13.9	4.8	10.8	14.1	15.0	15.8	17.0	18.5	19.5	92.1	1.5	4.1	0.0	2.0	N
11	13	6.5	13.8	0.6	9.9	13.2	14.3	15.1	16.4	18.3	19.5	79.3	0.0	10.9	0.7	6.7	NNE
11	14	5.9	14.5	0.1	8.3	12.0	13.2	14.2	15.8	18.0	19.4	85.8	0.0	12.8	0.3	4.1	NNE
11	15	6.7	15.0	2.4	8.1	11.8	12.8	13.7	15.3	17.7	19.3	91.4	0.0	8.5	0.1	2.2	NNE
11	16	8.8	16.3	3.2	8.9	11.8	12.7	13.4	14.9	17.4	19.2	87.6	0.0	10.6	0.1	2.5	NNW
11	17	9.6	12.4	4.0	10.0	12.5	13.1	13.6	14.7	17.1	19.1	98.1	31.0	2.4	0.2	4.5	N
11	18	4.7	10.6	2.4	7.8	11.3	12.4	13.1	14.5	16.8	19.0	91.3	0.5	5.6	0.3	5.9	NNW
11	19	7.3	13.5	3.4	9.0	11.1	11.9	12.6	14.0	16.6	18.8	85.1	0.0	12.0	0.4	4.0	NNE
11	20	7.7	14.6	3.1	8.1	11.1	11.9	12.6	13.9	16.4	18.6	77.1	0.0	9.7	0.8	6.0	NNE
11	21	7.7	18.6	0.1	7.9	10.8	11.6	12.3	13.7	16.2	18.5	87.6	0.0	10.9	0.1	2.5	NNE
11	22	10.2	19.8	5.8	9.3	11.5	12.1	12.5	13.6	16.0	18.3	90.9	0.0	12.1	0.1	2.9	NNE
11	23	10.7	18.2	7.0	10.1	12.2	12.6	12.9	13.8	15.9	18.2	91.9	0.0	9.5	0.1	2.5	NNE
11	24	9.9	16.9	5.0	9.4	12.1	12.7	13.1	13.9	15.8	18.1	80.2	0.0	8.0	0.8	4.9	NNE
11	25	5.4	12.1	0.6	7.1	10.9	11.9	12.6	13.8	15.8	17.9	74.9	0.0	12.0	0.6	5.4	NNE
11	26	6.2	14.3	1.9	7.8	10.5	11.4	12.1	13.4	15.7	17.8	83.2	0.0	9.8	0.1	2.5	NNE
11	27	8.5	17.2	2.3	8.2	10.5	11.3	11.9	13.2	15.5	17.7	89.6	0.5	9.7	0.1	3.1	NNE
11	28	9.4	15.7	4.9	9.7	11.7	12.1	12.4	13.2	15.3	17.6	83.4	0.0	7.6	0.5	8.3	N
11	29	6.5	13.0	0.6	7.7	10.7	11.6	12.2	13.3	15.3	17.5	78.5	0.0	8.2	0.3	4.0	NNE
11	30	5.2	11.8	0.9	7.6	10.5	11.3	11.9	13.1	15.2	17.4	87.4	0.0	7.8	0.3	4.4	NNE
計	Total												119.0				
平均	Mean	10.2	17.3	5.4	10.9	13.4	14.0	14.5	15.5	17.3	19.0	86.3	4.0	9.4	0.3	4.0	
最高	Max.	19.5	24.2	15.7	17.3	18.4	18.4	18.3	18.2	19.0	20.4	99.8	36.5	14.1	1.1	8.3	
最低	Min.	4.7	10.6	0.1	7.1	10.5	11.3	11.9	13.1	15.2	17.4	74.7	0.0	1.2	0.0	2.0	

2023年 12月
Dec. 2023

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 ²	平均 Mean	最大 Max.	風向 Dir.
12	1	4.0	10.6	-0.4	6.2	9.6	10.6	11.4	12.8	15.1	17.3	85.0	0.0	7.7	0.2	3.4	NNE
12	2	4.0	9.7	-0.4	6.0	9.4	10.3	11.0	12.4	14.9	17.2	85.2	0.0	8.6	0.3	3.7	NNE
12	3	2.8	9.9	-1.0	4.4	8.6	9.7	10.6	12.1	14.7	17.1	90.9	0.0	4.8	0.2	3.3	N
12	4	3.0	12.1	-1.6	4.1	8.0	9.1	10.0	11.7	14.5	17.0	84.7	0.0	11.8	0.3	4.3	NNE
12	5	4.3	8.7	0.1	4.4	7.8	8.9	9.8	11.4	14.3	16.9	91.1	0.0	2.8	0.0	1.3	N
12	6	7.7	16.8	1.8	6.9	8.9	9.5	9.9	11.2	14.1	16.8	78.1	0.0	11.1	0.1	3.4	NNE
12	7	7.5	14.0	1.5	6.7	9.3	10.0	10.4	11.4	13.9	16.6	82.1	0.0	5.2	0.6	5.0	NNE
12	8	5.0	14.7	-0.3	5.4	8.7	9.6	10.2	11.4	13.8	16.5	84.8	0.0	10.8	0.2	3.0	NNE
12	9	7.5	18.2	1.5	6.2	8.7	9.5	10.0	11.3	13.7	16.4	89.5	0.0	10.5	0.1	2.8	NE
12	10	9.2	18.8	4.4	7.5	9.6	10.1	10.4	11.3	13.6	16.3	89.6	0.0	10.5	0.2	2.5	NNE
12	11	10.4	17.9	5.8	8.7	10.1	10.5	10.7	11.5	13.6	16.2	90.8	8.5	7.8	0.1	1.9	N
12	12	12.1	16.1	7.9	10.9	11.5	11.5	11.4	11.8	13.5	16.0	91.3	25.0	3.7	0.6	5.2	NNE
12	13	6.4	14.3	0.5	7.4	10.5	11.2	11.5	12.1	13.6	16.0	77.7	0.0	11.2	0.4	4.1	NE
12	14	7.1	16.4	0.8	7.0	9.5	10.3	10.8	11.9	13.6	15.9	88.8	0.0	9.6	0.0	2.4	NE
12	15	11.2	15.5	7.2	9.4	10.5	10.7	11.0	11.7	13.5	15.8	99.5	17.5	1.8	0.3	4.2	WNW
12	16	13.1	16.5	8.1	11.7	12.2	11.9	11.8	12.0	13.4	15.7	98.8	1.5	1.8	0.3	4.2	NNW
12	17	2.7	8.3	-0.3	6.9	10.4	11.3	11.8	12.4	13.5	15.6	83.2	0.0	4.4	0.9	6.7	NNE
12	18	1.3	6.6	-1.8	4.9	8.4	9.6	10.4	11.8	13.5	15.6	88.2	0.0	7.9	0.4	4.5	NE
12	19	3.5	9.3	-1.8	5.2	8.0	9.0	9.7	11.2	13.4	15.5	85.2	0.0	8.2	0.1	2.9	NE
12	20	3.7	10.0	-1.2	5.1	8.2	9.0	9.6	10.9	13.2	15.4	86.3	0.0	6.4	0.4	4.1	NE
12	21	-0.1	6.6	-4.8	2.7	7.0	8.3	9.1	10.6	13.0	15.3	76.5	0.0	9.7	0.5	5.4	NNE
12	22	-1.1	4.6	-6.4	1.2	5.5	7.0	8.1	10.0	12.8	15.3	72.4	0.0	11.6	0.7	5.2	NNE
12	23	0.2	4.9	-3.0	2.5	5.6	6.8	7.7	9.4	12.6	15.2	90.4	0.0	5.6	0.2	3.7	NE
12	24	1.3	9.9	-2.3	2.9	5.9	6.8	7.6	9.2	12.3	15.1	85.9	0.0	11.0	0.2	2.9	NE
12	25	2.0	9.5	-2.9	2.6	5.8	6.8	7.5	9.1	12.1	14.9	82.3	0.0	10.8	0.3	3.4	NNE
12	26	1.9	9.8	-2.6	2.8	5.8	6.8	7.5	8.9	11.9	14.8	84.5	0.0	11.0	0.3	3.4	NE
12	27	3.9	12.8	-1.1	3.1	6.0	6.8	7.5	8.8	11.7	14.7	78.7	0.0	9.6	0.4	4.5	NNE
12	28	2.7	11.8	-2.2	3.0	6.0	6.9	7.5	8.8	11.6	14.6	84.2	0.0	10.3	0.1	2.4	NE
12	29	4.9	12.5	-0.9	4.1	6.5	7.2	7.6	8.8	11.4	14.4	80.1	0.0	10.6	0.4	4.3	NE
12	30	3.9	14.1	-1.5	3.6	6.3	7.1	7.6	8.8	11.3	14.3	84.2	0.0	10.9	0.1	2.0	NNE
12	31	7.6	11.3	5.2	6.5	7.5	7.7	8.0	8.9	11.3	14.2	99.2	18.0	3.6	0.2	2.7	N
計	Total												70.5				
平均	Mean	4.9	12.0	0.3	5.5	8.3	9.0	9.6	10.8	13.2	15.8	86.1	2.3	8.1	0.3	3.6	
最高	Max.	13.1	18.8	8.1	11.7	12.2	11.9	11.8	12.8	15.1	17.3	99.5	25.0	11.8	0.9	6.7	
最低	Min.	-1.1	4.6	-6.4	1.2	5.5	6.8	7.5	8.8	11.3	14.2	72.4	0.0	1.8	0.0	1.3	