

2021年 01月
Jan. 2021

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	-0.6	0.9	-2.3	2.5	5.3	6.1	7.0	8.4	11.0	13.8	98.1	0.5	0.9	0.5	5.2	SW
01	2	-0.2	3.7	-4.5	1.9	4.6	5.5	6.4	8.0	10.8	13.7	93.6	4.0	3.1	0.3	3.8	NW
01	3	0.7	5.5	-1.6	2.7	4.8	5.5	6.3	7.7	10.7	13.7	92.8	0.0	4.2	0.3	4.4	SSW
01	4	1.8	9.0	-2.2	3.2	5.3	5.8	6.4	7.6	10.5	13.6	88.4	0.0	9.7	0.4	4.0	S
01	5	2.1	6.8	-2.2	3.0	5.2	5.9	6.5	7.7	10.3	13.5	88.7	0.0	6.0	0.2	2.6	S
01	6	2.3	7.9	-1.7	3.6	5.7	6.1	6.6	7.7	10.2	13.4	82.9	0.0	9.3	0.3	4.1	S
01	7	0.0	6.7	-3.7	2.4	5.4	6.1	6.7	7.8	10.2	13.3	75.7	0.0	7.2	0.9	7.9	SSW
01	8	-3.0	1.2	-6.7	0.1	4.0	5.1	6.0	7.5	10.1	13.2	60.5	0.0	8.5	0.9	5.1	SW
01	9	-3.5	2.0	-9.1	-0.8	3.1	4.2	5.3	7.0	10.0	13.1	66.0	0.0	11.6	0.5	5.5	S
01	10	-2.8	2.8	-7.2	-0.6	2.8	3.9	4.8	6.6	9.8	13.0	81.9	0.0	7.1	0.3	4.0	S
01	11	-1.2	4.1	-5.7	-0.2	2.9	3.8	4.6	6.3	9.6	12.9	83.8	0.0	6.3	0.3	3.2	S
01	12	0.9	3.3	-1.5	1.2	3.4	4.1	4.7	6.2	9.4	12.8	96.7	3.5	1.9	0.1	2.3	ESE
01	13	0.3	7.2	-3.7	0.8	3.7	4.3	4.9	6.2	9.2	12.7	90.2	0.5	9.7	0.3	4.0	SSW
01	14	2.6	10.8	-2.4	2.1	4.1	4.5	5.0	6.3	9.1	12.5	86.6	0.0	9.5	0.4	5.2	SSE
01	15	3.6	13.1	-2.1	2.7	4.8	5.1	5.4	6.4	9.0	12.4	86.6	0.0	11.8	0.3	3.7	SE
01	16	4.5	11.6	0.4	3.5	5.2	5.5	5.8	6.7	9.0	12.3	95.0	0.5	4.3	0.2	2.9	SSE
01	17	1.8	6.3	-1.2	2.8	5.0	5.5	5.9	6.8	9.0	12.2	87.1	0.0	5.5	0.6	4.8	SSW
01	18	0.2	6.2	-3.6	1.8	4.6	5.2	5.7	6.8	9.0	12.1	81.8	0.0	11.3	0.5	4.8	SSW
01	19	0.4	4.7	-3.2	2.0	4.6	5.2	5.6	6.7	9.0	12.0	70.5	0.0	12.5	1.4	9.6	S
01	20	-0.6	7.4	-3.6	0.5	4.0	4.7	5.3	6.6	8.9	11.9	64.0	0.0	13.3	0.8	5.2	SSW
01	21	1.8	12.5	-3.6	1.5	4.3	4.8	5.2	6.4	8.9	11.9	78.0	0.0	13.0	0.2	2.9	S
01	22	6.3	11.9	0.3	5.0	5.3	5.5	5.7	6.5	8.8	11.8	88.0	0.0	4.7	0.1	2.3	S
01	23	7.2	9.2	5.0	6.3	6.5	6.5	6.5	6.9	8.7	11.7	99.6	19.0	1.5	0.0	1.5	SSW
01	24	6.9	8.8	3.7	7.1	7.3	7.2	7.2	7.4	8.8	11.6	99.8	11.5	2.5	0.1	2.7	SW
01	25	5.2	14.1	0.1	6.0	7.5	7.4	7.4	7.7	8.9	11.6	91.5	0.0	13.0	0.2	2.8	S
01	26	7.4	14.5	0.7	6.2	7.4	7.5	7.6	7.9	9.0	11.5	85.2	4.5	8.9	0.5	4.6	E
01	27	9.2	14.1	1.4									18.5				
01	28	4.7	8.3	0.6	6.5	7.6	8.0	8.2	8.5	9.2	11.4	88.0	0.0	3.8	0.1	3.0	SSE
01	29	-0.6	2.5	-2.2	2.8	6.0	6.9	7.5	8.3	9.3	11.4	92.1	0.5	3.2	1.2	5.5	SSE
01	30	0.0	4.8	-4.5	3.2	4.8	5.7	6.4	7.6	9.3	11.4	80.8	0.5	11.8	0.7	4.6	S
01	31	2.1	9.0	-3.1	4.6	5.4	5.9	6.3	7.3	9.2	11.3	80.0	0.0	13.2	0.6	5.2	S
計	Total												63.5				
平均	Mean	1.9	7.5	-2.2	2.8	5.0	5.6	6.1	7.2	9.5	12.4	85.1	2.0	7.6	0.4	4.2	
最高	Max.	9.2	14.5	5.0									19.0				
最低	Min.	-3.5	0.9	-9.1									0.0				

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

气温 (Air Temperature): 27

2021年 02月
Feb. 2021

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	4.2	10.9	-3.7	3.9	4.9	5.6	6.1	7.2	9.1	11.3	83.8	0.0	7.0	0.7	4.6	E
02	2	5.8	11.0	-1.9	6.8	6.7	6.7	6.8	7.3	9.0	11.3	82.7	12.5	8.4	1.0	6.9	SSE
02	3	1.5	6.7	-2.6	4.8	5.7	6.3	6.7	7.5	9.0	11.3	80.6	0.0	11.1	0.8	5.7	S
02	4	-0.3	4.9	-4.4	1.5	4.4	5.4	6.1	7.3	9.0	11.2	90.0	0.0	2.9	0.3	3.9	SSE
02	5	1.7	9.2	-4.2	3.7	4.3	5.0	5.6	6.8	8.9	11.2	80.0	0.0	14.1	0.4	4.3	S
02	6	5.2	14.5	-1.1	6.1	5.6	5.8	6.0	6.8	8.8	11.1	74.8	0.0	14.5	0.3	4.0	S
02	7	6.0	13.2	0.0	5.8	6.2	6.4	6.6	7.1	8.7	11.1	77.1	0.0	11.0	0.8	5.3	SSE
02	8	2.5	10.2	-2.1	4.9	6.0	6.5	6.7	7.3	8.7	11.0	73.1	0.0	11.8	0.7	5.3	S
02	9	0.7	5.8	-3.1	2.6	4.7	5.6	6.2	7.2	8.8	11.0	60.2	0.0	12.5	1.2	6.2	S
02	10	2.9	9.6	-2.5	4.3	4.9	5.4	5.9	6.9	8.7	10.9	70.4	0.0	13.0	0.6	5.4	SSE
02	11	5.2	12.7	-1.0	5.8	5.8	6.0	6.2	6.9	8.7	10.9	66.5	0.0	15.3	0.7	6.3	S
02	12	6.4	15.0	0.5	6.4	6.1	6.4	6.5	7.1	8.6	10.9	73.5	0.0	8.8	0.1	3.6	SSW
02	13	9.5	16.1	4.6	8.9	7.6	7.4	7.2	7.4	8.7	10.8	80.9	0.0	8.8	0.2	3.2	SSE
02	14	10.5	17.8	6.8	10.0	8.6	8.3	8.1	8.0	8.8	10.8	80.6	0.0	8.7	0.3	3.8	SE
02	15	10.0	12.2	6.7	9.8	9.2	9.0	8.7	8.6	8.9	10.8	90.3	28.0	3.7	0.9	6.2	SSE
02	16	3.8	7.6	-0.2	6.7	7.9	8.3	8.6	8.8	9.1	10.7	72.4	0.5	11.1	1.4	6.4	SSE
02	17	1.0	6.5	-3.1	4.3	6.4	7.2	7.7	8.5	9.3	10.8	63.5	0.0	10.0	1.1	6.2	SE
02	18	-2.3	1.3	-3.9	1.8	4.6	5.8	6.6	7.9	9.3	10.8	96.2	4.0	2.3	0.7	5.2	SSE
02	19	-0.3	7.2	-6.3	3.7	4.5	5.3	5.9	7.2	9.1	10.8	85.0	0.0	16.2	0.5	4.3	S
02	20	2.9	13.1	-3.6	5.0	5.0	5.5	6.0	7.0	8.9	10.8	85.5	0.0	15.9	0.3	4.9	SSE
02	21	7.6	17.5	1.2	7.7	6.5	6.6	6.6	7.2	8.8	10.8	83.2	0.0	15.7	0.2	2.9	SSE
02	22	9.2	19.2	3.3	9.1	7.8	7.7	7.5	7.6	8.8	10.7	75.3	0.0	16.9	0.2	3.3	S
02	23	6.9	11.8	0.6	8.5	8.2	8.3	8.2	8.2	8.9	10.7	59.7	0.0	16.5	1.4	7.0	S
02	24	2.7	9.4	-1.4	5.2	6.7	7.3	7.7	8.3	9.0	10.7	48.2	0.0	17.7	1.3	6.1	S
02	25	3.3	12.3	-5.1	5.4	6.1	6.7	7.1	7.9	9.1	10.6	54.5	0.0	17.8	0.3	3.4	SSW
02	26	5.5	9.6	1.9	6.2	6.6	7.0	7.2	7.8	9.0	10.6	64.2	0.5	5.4	0.6	4.0	S
02	27	4.4	12.3	-1.0	6.3	6.6	7.0	7.2	7.8	9.0	10.6	51.4	0.0	17.1	0.8	5.8	SSW
02	28	4.5	13.8	-1.6	6.0	6.3	6.8	7.1	7.8	9.0	10.6	76.3	0.0	10.7	0.2	3.0	SE
計	Total												45.5				
平均	Mean	4.3	11.1	-1.0	5.8	6.2	6.6	6.9	7.6	8.9	10.9	74.3	1.6	11.6	0.6	4.9	
最高	Max.	10.5	19.2	6.8	10.0	9.2	9.0	8.7	8.8	9.3	11.3	96.2	28.0	17.8	1.4	7.0	
最低	Min.	-2.3	1.3	-6.3	1.5	4.3	5.0	5.6	6.8	8.6	10.6	48.2	0.0	2.3	0.1	2.9	

2021年 03月
Mar. 2021

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	10.7	18.1	3.7	9.9	7.8	7.6	7.5	7.9	9.0	10.6	75.1	0.0	13.4	0.6	5.9	E
03	2	8.9	14.9	2.3	9.4	9.7	9.5	9.2	8.7	9.0	10.6	90.5	46.5	1.3	1.5	8.0	ESE
03	3	4.4	12.4	-0.6	7.2	7.9	8.4	8.7	9.0	9.2	10.6	64.1	0.0	19.5	0.8	5.3	S
03	4	7.5	13.9	3.2	9.1	8.2	8.3	8.4	8.8	9.3	10.5	82.1	0.5	9.2	0.2	3.3	ESE
03	5	9.1	13.4	5.6	9.5	8.8	8.8	8.7	8.9	9.4	10.5	90.0	12.5	4.3	0.3	4.5	ESE
03	6	11.3	19.0	5.6	12.1	10.2	9.8	9.4	9.2	9.4	10.6	78.1	0.0	15.5	0.7	4.8	SSW
03	7	5.1	8.6	-0.2	7.5	9.0	9.4	9.5	9.6	9.6	10.6	82.1	0.0	5.3	0.2	3.3	SSW
03	8	6.6	12.8	0.8	9.1	8.8	9.0	9.1	9.4	9.7	10.6	92.8	7.5	8.0	0.2	2.7	SSW
03	9	6.9	13.9	0.3	9.0	8.6	8.8	8.9	9.3	9.8	10.6	88.1	0.0	10.9	0.1	2.3	WSW
03	10	8.4	16.8	0.6	9.6	9.3	9.3	9.2	9.4	9.8	10.7	62.4	0.0	19.8	0.9	5.9	S
03	11	7.1	17.0	-1.6	9.2	8.8	9.0	9.2	9.4	9.8	10.7	76.8	0.0	16.6	0.3	4.3	S
03	12	8.1	13.9	4.2	8.6	9.0	9.2	9.3	9.5	9.9	10.7	96.0	20.0	3.0	0.3	3.4	SE
03	13	8.8	11.4	5.4	9.4	9.3	9.3	9.3	9.5	9.9	10.7	94.1	24.5	3.8	0.9	4.3	SSE
03	14	7.3	13.6	0.7	8.8	8.9	9.1	9.2	9.5	9.9	10.7	62.9	0.0	20.9	1.2	5.8	S
03	15	7.9	17.8	-0.5	9.1	8.7	8.9	9.1	9.4	9.9	10.8	62.8	0.0	20.8	0.8	5.7	S
03	16	7.8	14.0	1.7	8.5	8.8	9.1	9.2	9.5	10.0	10.8	86.7	0.0	5.2	0.1	2.8	E
03	17	8.3	17.0	0.1	9.7	9.5	9.4	9.4	9.5	10.0	10.8	69.2	0.0	19.7	0.8	5.5	S
03	18	7.1	19.2	-2.2	9.4	9.1	9.3	9.4	9.6	10.0	10.8	68.3	0.0	21.7	0.3	3.2	S
03	19	9.8	20.2	1.3	10.8	9.7	9.7	9.6	9.7	10.1	10.8	65.3	0.0	20.3	0.4	4.3	ESE
03	20	11.8	20.2	4.0	12.4	10.5	10.3	10.1	10.0	10.1	10.8	76.7	2.0	16.1	0.7	6.2	E
03	21	13.3	17.0	8.0	13.5	12.2	11.7	11.2	10.6	10.2	10.8	98.2	54.5	0.9	1.0	7.6	E
03	22	7.1	12.1	-0.6	10.6	11.4	11.6	11.5	11.3	10.5	10.8	68.2	0.0	20.7	1.2	6.8	SSE
03	23	5.3	14.7	-1.8	9.4	9.8	10.2	10.5	10.9	10.7	10.9	72.7	0.0	22.6	0.5	5.5	S
03	24	9.1	18.7	0.3	11.2	10.1	10.2	10.3	10.6	10.7	10.9	73.9	0.0	22.2	0.4	4.1	WSW
03	25	9.1	14.5	3.5	10.9	10.8	10.8	10.8	10.7	10.7	11.0	92.8	1.5	6.4	0.1	3.1	E
03	26	8.7	17.9	1.6	10.4	10.4	10.5	10.6	10.7	10.8	11.0	69.9	0.0	20.6	0.8	6.7	SSE
03	27	9.9	18.2	0.9	11.3	10.5	10.5	10.5	10.7	10.8	11.1	74.4	0.0	16.0	0.4	5.6	ESE
03	28	13.4	15.5	10.3	12.7	11.6	11.4	11.2	11.0	10.9	11.1	90.6	65.5	2.4	1.1	6.4	E
03	29	14.9	23.2	9.0	16.4	13.3	12.6	12.1	11.6	11.0	11.1	81.4	1.0	18.6	0.3	2.8	S
03	30	14.1	23.1	7.7	15.2	13.8	13.3	12.8	12.2	11.2	11.2	76.4	0.0	16.9	0.2	3.0	SSW
03	31	12.8	22.6	4.7	14.9	13.6	13.3	13.0	12.5	11.5	11.2	69.6	0.0	23.4	0.4	3.7	SW
計	Total												236.0				
平均	Mean	9.0	16.3	2.5	10.5	9.9	9.9	9.9	10.0	10.1	10.8	78.5	7.6	13.7	0.6	4.7	
最高	Max.	14.9	23.2	10.3	16.4	13.8	13.3	13.0	12.5	11.5	11.2	98.2	65.5	23.4	1.5	8.0	
最低	Min.	4.4	8.6	-2.2	7.2	7.8	7.6	7.5	7.9	9.0	10.5	62.4	0.0	0.9	0.1	2.3	

2021年 04月
Apr. 2021

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.
04	1	14.2	22.6	7.8	15.6	13.9	13.5	13.2	12.7	11.7	11.3	77.3	0.0	17.4	0.3	3.7	S
04	2	14.6	22.5	8.8	16.2	14.5	14.0	13.5	12.9	11.8	11.4	75.0	0.0	17.7	0.5	4.9	E
04	3	13.3	17.7	8.0	15.0	14.2	14.0	13.7	13.2	12.0	11.5	79.2	0.0	9.3	0.2	2.8	WSW
04	4	13.0	14.7	9.8	14.0	13.7	13.7	13.5	13.2	12.2	11.5	95.0	25.5	2.6	0.2	3.1	ESE
04	5	12.9	20.0	6.2	16.1	14.1	13.7	13.5	13.2	12.4	11.6	74.4	0.0	20.6	0.7	6.7	SSW
04	6	9.9	17.0	3.7	13.7	13.3	13.4	13.4	13.3	12.5	11.7	81.0	6.5	13.2	0.4	3.7	SSE
04	7	11.3	19.3	3.1	15.1	13.7	13.5	13.3	13.2	12.6	11.8	70.8	0.0	25.1	0.5	4.4	S
04	8	9.7	19.1	1.0	12.9	12.9	13.1	13.2	13.2	12.6	11.9	64.9	0.0	20.4	0.3	4.9	S
04	9	8.0	17.1	1.3	11.9	12.6	12.8	12.9	13.0	12.7	12.0	56.5	0.0	24.7	0.9	5.9	S
04	10	8.1	17.6	-0.1	11.9	11.9	12.2	12.4	12.8	12.7	12.1	52.7	0.0	25.5	0.5	5.3	S
04	11	9.5	19.0	2.2	13.2	12.3	12.4	12.5	12.6	12.6	12.1	73.3	0.0	21.7	0.4	4.1	SSW
04	12	12.0	21.3	3.3	14.4	12.8	12.8	12.7	12.7	12.6	12.2	68.0	0.0	21.8	0.7	4.8	ENE
04	13	12.4	14.3	9.9	14.1	13.3	13.3	13.2	13.0	12.6	12.2	90.3	19.5	5.1	0.6	4.7	E
04	14	14.4	20.9	6.5	16.1	14.4	13.9	13.6	13.2	12.7	12.3	76.3	8.0	15.7	1.1	5.4	SSE
04	15	8.9	16.2	1.1	13.1	12.9	13.2	13.4	13.4	12.8	12.3	68.8	0.0	18.3	0.5	4.3	SSE
04	16	10.9	15.1	6.3	12.4	12.6	12.9	13.0	13.2	12.9	12.4	80.8	0.0	5.9	0.4	3.7	ENE
04	17	11.8	12.9	10.7	12.4	12.6	12.7	12.8	13.0	12.9	12.4	97.3	84.0	1.8	0.5	4.2	ENE
04	18	7.9	11.9	2.3	11.7	12.3	12.5	12.6	12.8	12.9	12.5	83.1	2.0	16.7	1.0	7.3	SE
04	19	9.9	18.4	2.4	12.6	11.9	12.0	12.2	12.6	12.9	12.6	67.0	0.0	25.9	0.8	4.9	SSE
04	20	13.0	23.8	4.0	14.6	13.0	12.8	12.7	12.7	12.8	12.6	64.7	0.0	25.5	0.4	4.8	SSE
04	21	14.7	25.9	5.0	15.6	14.0	13.7	13.4	13.1	12.8	12.6	55.1	0.0	25.7	0.6	5.3	SSE
04	22	14.2	25.3	4.1	14.5	14.2	14.1	13.8	13.5	12.9	12.6	47.5	0.0	21.5	0.3	3.6	SSE
04	23	12.1	20.5	5.4	14.7	14.2	14.1	13.9	13.7	13.1	12.7	73.5	0.0	21.0	0.4	4.9	SSE
04	24	13.3	20.3	8.5	15.7	14.6	14.4	14.1	13.8	13.2	12.7	78.6	0.0	12.6	0.2	2.8	SE
04	25	13.7	22.1	7.2	16.4	14.7	14.5	14.2	14.0	13.3	12.7	63.8	0.0	22.7	1.0	5.5	SSE
04	26	10.5	20.0	2.7	15.0	14.3	14.3	14.3	14.1	13.4	12.8	46.1	0.0	27.4	0.9	4.9	S
04	27	10.7	19.6	1.7	14.5	14.0	14.1	14.1	14.0	13.5	12.8	74.8	0.0	19.8	0.5	5.2	E
04	28	13.0	17.3	8.3	15.2	14.2	14.1	14.1	14.0	13.5	12.9	93.8	12.5	6.8	0.3	4.5	ENE
04	29	13.6	15.4	10.5	14.5	14.3	14.2	14.2	14.1	13.6	12.9	98.1	73.5	1.9	0.9	8.0	E
04	30	13.7	22.2	6.8	16.8	14.8	14.5	14.3	14.2	13.8	13.1	79.0	0.0	24.9	0.4	4.3	SSE
計	Total												231.5				
平均	Mean	11.8	19.0	5.3	14.3	13.5	13.5	13.4	13.3	12.8	12.3	73.6	7.7	17.3	0.5	4.7	
最高	Max.	14.7	25.9	10.7	16.8	14.8	14.5	14.3	14.2	13.8	13.1	98.1	84.0	27.4	1.1	8.0	
最低	Min.	7.9	11.9	-0.1	11.7	11.9	12.0	12.2	12.6	11.7	11.3	46.1	0.0	1.8	0.2	2.8	

2021年 05月
May 2021

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.	
05	1	13.1	20.5	6.1	15.2	14.9	14.9	14.8	14.5	13.9	13.1	83.8	20.0	13.7	0.7	6.0	ENE	
05	2	10.7	15.5	6.8	13.8	14.4	14.6	14.7	14.7	14.0	13.2	81.9	5.0	11.0	0.8	6.0	SE	
05	3	10.9	19.9	2.9	14.0	13.7	13.9	14.0	14.3	14.1	13.2	68.8	0.0	27.2	0.8	5.2	SSE	
05	4	13.5	23.3	4.2	16.2	14.5	14.3	14.2	14.2	14.0	13.3	69.5	0.0	24.8	0.2	2.9	SE	
05	5	14.5	16.8	10.6	14.9	14.9	14.9	14.8	14.5	14.0	13.3	91.3	51.5	2.0	1.0	6.0	E	
05	6	16.4	26.0	9.9	18.6	16.0	15.4	15.0	14.7	14.1	13.4	73.5	1.0	28.4	0.4	4.1	SSE	
05	7	12.3	16.2	7.8	15.1	15.5	15.6	15.5	15.1	14.2	13.4	93.4	4.0	4.9	0.0	1.7	ESE	
05	8	15.4	22.1	8.8	17.0	15.6	15.3	15.1	15.0	14.3	13.5	85.3	0.0	17.8	0.2	3.0	ESE	
05	9	16.7	23.8	11.5	18.3	16.6	16.2	15.8	15.3	14.4	13.5	67.7	0.0	18.4	0.6	5.2	SSE	
05	10	14.7	23.9	4.5	17.1	16.1	16.0	15.8	15.5	14.5	13.6	54.8	0.0	24.3	0.7	4.8	SSE	
05	11	15.6	21.9	10.5	18.8	16.7	16.4	16.1	15.6	14.6	13.6	74.5	0.0	16.3	0.2	3.5	SE	
05	12	15.2	20.7	10.1	16.9	16.4	16.3	16.1	15.8	14.7	13.7	75.8	0.0	11.0	0.3	4.9	E	
05	13	17.6	25.2	12.7	19.9	16.9	16.5	16.1	15.8	14.8	13.7	79.8	0.0	16.4	0.2	3.4	SSE	
05	14	20.4	29.2	12.9	22.1	18.4	17.6	16.9	16.2	14.9	13.8	75.7	0.0	24.0	0.3	4.7	SE	
05	15	19.3	24.4	14.9	21.7	19.0	18.4	17.8	16.8	15.1	13.9	79.5	0.0	14.3	0.5	5.1	ENE	
05	16	16.7	18.8	14.1	19.2	18.3	18.1	17.8	17.1	15.3	13.9	91.6	2.5	5.5	0.2	4.6	E	
05	17	20.4	22.2	18.1	20.7	18.7	18.1	17.7	17.1	15.5	14.0	97.5	19.0	3.8	0.7	7.0	ENE	
05	18	20.6	27.2	17.1	22.5	19.7	19.0	18.3	17.4	15.7	14.1	89.9	14.0	16.5	0.1	2.5	ENE	
05	19	19.1	21.4	15.8	21.0	19.7	19.3	18.8	17.9	15.9	14.2	97.4	5.5	4.9	0.0	2.8	ENE	
05	20	18.3	22.1	14.7	20.0	19.0	18.8	18.6	18.0	16.2	14.3	96.5	27.5	6.7	0.5	6.3	ENE	
05	21	19.7	21.2	16.0	20.5	20.0	19.7	19.6	19.1	17.3	14.9	98.0	129.0	2.3	0.5	5.1	NE	
05	22	16.4	21.5	11.2	20.2	19.6	19.5	19.4	19.1	17.8	15.1	87.0	0.0	15.2	0.2	3.4	ESE	
05	23	16.9	24.7	10.1	21.2	19.3	19.2	19.0	18.8	17.6	15.2	80.0	0.0	25.1	0.5	4.9	SE	
05	24	17.4	25.4	11.5	20.3	19.4	19.3	19.1	18.7	17.5	15.3	86.6	0.0	12.1	0.1	3.4	E	
05	25	18.1	24.3	13.2	20.6	19.4	19.2	19.0	18.7	17.5	15.4	75.3	0.0	19.1	0.5	6.8	SE	
05	26	16.3	23.0	10.1	19.8	18.9	18.9	18.8	18.6	17.4	15.5	57.0	0.0	20.9	0.7	4.9	SE	
05	27	13.3	15.8	10.8	16.4	17.5	17.9	18.2	18.3	17.4	15.5	95.8	42.0	3.4	0.1	2.6	SE	
05	28	16.5	23.1	12.0	19.0	17.6	17.5	17.5	17.7	17.4	15.6	88.3	0.0	15.8	0.2	3.1	E	
05	29	19.6	26.6	12.8	21.2	18.9	18.5	18.1	17.8	17.3	15.7	73.2	0.0	20.8	0.4	4.9	E	
05	30	17.5	25.5	9.7	21.6	19.2	18.9	18.6	18.2	17.2	15.7	65.9	0.0	28.8	0.6	6.1	SE	
05	31	17.4	26.2	9.3	22.2	19.4	19.1	18.8	18.3	17.3	15.8	77.0	0.0	24.0	0.3	4.3	SE	
計	Total												321.0					
平均	Mean	16.5	22.5	11.0	18.9	17.6	17.3	17.1	16.7	15.7	14.3	81.0	10.4	15.5	0.4	4.5		
最高	Max.	20.6	29.2	18.1	22.5	20.0	19.7	19.6	19.1	17.8	15.8	98.0	129.0	28.8	1.0	7.0		
最低	Min.	10.7	15.5	2.9	13.8	13.7	13.9	14.0	14.2	13.9	13.1	54.8	0.0	2.0	0.0	1.7		

2021年 06月
June 2021

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	18.6	27.1	13.2	23.1	20.1	19.6	19.2	18.6	17.3	15.8	79.2	0.0	23.4	0.4	5.2	ESE	
06	2	19.1	24.9	14.1	22.3	20.0	19.7	19.4	18.8	17.5	15.8	82.2	0.0	13.0	0.2	3.1	E	
06	3	19.1	26.0	12.4	22.1	20.1	19.8	19.5	18.9	17.6	15.9	72.6	0.5	19.3	0.6	5.3	E	
06	4	18.6	21.8	14.8	20.0	19.8	19.7	19.6	19.1	17.7	15.9	96.8	54.0	1.9	0.8	7.3	E	
06	5	17.6	26.0	11.5	20.9	19.7	19.5	19.4	19.2	18.0	16.1	84.7	0.0	19.7	0.1	2.8	SE	
06	6	18.5	26.3	14.3	22.3	20.0	19.7	19.5	19.2	18.1	16.2	85.6	0.5	16.1	0.1	2.5	SSE	
06	7	21.7	31.0	15.4	24.7	21.2	20.5	20.0	19.3	18.1	16.2	75.8	0.0	24.0	0.1	3.5	SE	
06	8	21.2	31.7	14.0	24.2	21.6	21.1	20.6	19.7	18.1	16.3	71.4	0.0	22.5	0.3	3.4	SE	
06	9	20.7	29.7	12.8	24.9	21.5	21.1	20.7	20.0	18.3	16.3	69.4	0.0	27.5	0.4	5.0	SE	
06	10	21.0	29.8	13.7	26.1	22.0	21.5	21.0	20.2	18.4	16.4	70.6	0.0	27.5	0.4	5.2	SE	
06	11	20.6	27.3	14.1	25.2	22.0	21.6	21.2	20.4	18.6	16.5	76.4	0.0	22.1	0.5	4.9	ENE	
06	12	21.0	26.8	16.5	25.5	22.1	21.7	21.3	20.6	18.7	16.5	76.2	0.0	18.2	0.3	3.7	SE	
06	13	19.4	22.7	16.5	22.7	21.8	21.6	21.3	20.7	18.8	16.6	91.1	2.5	7.5	0.1	2.9	ESE	
06	14	19.7	26.2	16.6	22.7	20.9	20.7	20.6	20.5	19.0	16.7	91.7	19.0	14.1	0.1	4.3	SE	
06	15	22.1	29.1	17.2	25.1	22.0	21.5	21.0	20.5	19.2	16.9	81.6	0.0	23.1	0.3	4.7	ESE	
06	16	20.3	24.8	17.8	23.2	22.2	21.9	21.5	20.8	19.2	17.0	88.9	1.5	10.1	0.2	3.4	ESE	
06	17	19.9	28.0	14.1	24.1	22.1	21.7	21.4	20.8	19.3	17.0	84.8	7.0	22.8	0.3	3.8	SE	
06	18	19.3	24.0	15.1	22.5	21.6	21.5	21.3	20.9	19.3	17.1	90.8	0.5	11.5	0.2	3.2	ENE	
06	19	17.9	18.7	17.3	20.4	20.7	20.8	20.9	20.8	19.4	17.2	97.6	72.0	5.0	0.4	5.3	E	
06	20	20.6	27.8	13.9	23.4	21.0	20.7	20.6	20.5	19.6	17.4	76.0	0.0	25.9	0.6	4.9	SSE	
06	21	19.9	28.2	12.9	23.7	21.4	21.2	20.9	20.6	19.6	17.5	80.6	0.0	23.9	0.5	5.7	ESE	
06	22	20.0	25.9	15.2	22.8	21.7	21.5	21.2	20.8	19.6	17.6	87.2	0.0	11.9	0.1	2.2	ESE	
06	23	20.8	27.3	16.7	24.3	21.9	21.6	21.2	20.8	19.6	17.6	84.3	0.0	17.3	0.2	2.9	SE	
06	24	21.0	28.2	15.5	24.4	22.3	21.9	21.6	21.0	19.7	17.7	80.7	0.0	18.9	0.3	4.0	E	
06	25	20.0	25.5	15.6	23.2	22.1	21.9	21.6	21.1	19.7	17.7	88.8	2.0	13.5	0.2	3.7	E	
06	26	21.0	26.0	16.7	23.1	22.0	21.8	21.5	21.1	19.8	17.8	89.5	0.0	10.1	0.1	2.8	ENE	
06	27	20.8	24.3	17.9	22.7	22.0	21.8	21.5	21.1	19.8	17.8	89.7	0.0	8.5	0.0	2.2	SE	
06	28	21.6	27.8	17.1	23.8	22.1	21.8	21.5	21.1	19.8	17.9	85.0	0.5	14.8	0.2	4.2	SE	
06	29	22.4	28.7	17.7	25.3	22.8	22.3	21.8	21.2	19.9	17.9	85.7	9.0	19.1	0.2	3.0	SE	
06	30	21.1	25.6	17.2	23.8	22.7	22.5	22.1	21.5	19.9	17.9	89.8	3.0	11.3	0.4	4.8	ENE	
計	Total												172.0					
平均	Mean	20.2	26.6	15.3	23.4	21.4	21.1	20.8	20.3	18.9	16.9	83.5	5.7	16.8	0.3	4.0		
最高	Max.	22.4	31.7	17.9	26.1	22.8	22.5	22.1	21.5	19.9	17.9	97.6	72.0	27.5	0.8	7.3		
最低	Min.	17.6	18.7	11.5	20.0	19.7	19.5	19.2	18.6	17.3	15.8	69.4	0.0	1.9	0.0	2.2		

2021年 07月
July 2021

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	20.3	22.0	19.1	22.5	22.2	22.0	21.9	21.5	20.0	18.0	97.2	23.0	4.6	0.1	3.1	SE
07	2	21.9	23.3	20.0	22.7	21.9	21.7	21.7	21.5	20.4	18.2	97.8	76.0	3.6	0.4	5.8	ENE
07	3	24.9	30.9	21.7	26.8	23.6	22.9	22.4	21.9	20.9	18.6	89.4	51.5	18.2	0.1	2.9	ESE
07	4	23.8	28.6	21.6	26.1	24.3	23.7	23.3	22.5	20.9	18.7	92.9	3.5	10.0	0.1	4.0	ENE
07	5	23.8	27.9	21.7	25.6	24.2	23.8	23.4	22.7	21.0	18.7	92.5	4.0	7.9	0.2	4.3	ENE
07	6	23.6	27.9	21.2	25.7	24.1	23.7	23.4	22.8	21.1	18.7	94.3	7.0	9.7	0.0	2.1	SE
07	7	22.6	24.1	21.2	24.6	24.0	23.7	23.5	22.9	21.2	18.8	97.3	23.5	4.7	0.1	2.5	ESE
07	8	22.3	23.9	21.1	23.9	23.5	23.3	23.2	22.9	21.3	18.9	97.6	21.5	3.6	0.0	2.9	E
07	9	23.6	30.0	21.6	24.9	23.7	23.5	23.4	23.0	21.6	19.1	94.8	42.5	9.8	0.1	2.8	E
07	10	25.0	30.8	21.1	27.3	24.7	24.2	23.7	23.2	21.8	19.3	88.7	3.5	19.6	0.1	3.4	SE
07	11	24.8	31.9	20.2	27.9	25.5	24.9	24.3	23.5	21.8	19.4	85.3	0.0	19.9	0.2	3.4	ESE
07	12	22.4	30.1	19.0	25.1	24.5	24.5	24.4	23.9	22.0	19.5	90.4	35.0	15.3	0.1	4.2	ESE
07	13	23.4	31.9	17.6	26.4	24.4	24.2	24.1	23.8	22.3	19.7	84.5	0.0	24.1	0.2	5.2	SE
07	14	23.3	28.9	19.2	26.5	25.0	24.8	24.4	23.9	22.3	19.7	86.2	6.0	17.8	0.3	3.7	E
07	15	22.4	26.9	19.4	25.7	24.8	24.6	24.4	23.9	22.3	19.8	92.5	8.0	13.1	0.1	2.9	SE
07	16	24.3	31.7	19.6	27.1	25.0	24.7	24.3	23.9	22.4	19.9	83.8	0.5	22.7	0.4	5.3	E
07	17	24.2	31.6	18.3	27.2	25.4	25.0	24.6	24.0	22.4	19.9	81.0	0.0	23.6	0.3	4.6	NNW
07	18	25.0	32.2	19.4	27.7	25.7	25.3	24.9	24.2	22.5	20.0	81.9	0.0	24.0	0.4	4.6	N
07	19	26.0	34.0	19.9	29.2	26.2	25.7	25.2	24.4	22.6	20.1	80.1	0.0	24.2	0.3	3.9	ESE
07	20	25.6	32.7	20.7	29.5	26.7	26.1	25.6	24.7	22.7	20.1	84.4	0.0	20.6	0.3	4.1	SE
07	21	26.1	32.3	22.1	30.1	26.8	26.3	25.8	24.9	22.8	20.2	78.8	0.0	21.3	0.3	5.2	SE
07	22	25.9	32.2	21.6	29.9	26.9	26.5	26.0	25.1	23.0	20.3	79.2	0.0	21.3	0.3	4.5	SE
07	23	26.0	32.5	22.0	30.3	27.1	26.6	26.1	25.3	23.1	20.3	81.5	0.5	20.0	0.3	3.6	ESE
07	24	25.5	32.8	20.9	29.1	27.0	26.6	26.2	25.4	23.2	20.4	82.5	11.0	20.0	0.4	5.3	ESE
07	25	24.9	31.2	20.8	27.9	26.4	26.2	26.0	25.5	23.4	20.5	84.6	0.0	19.2	0.2	3.8	N
07	26	25.6	33.7	20.0	28.8	26.8	26.4	26.0	25.4	23.5	20.6	80.4	0.0	24.1	0.2	2.8	SE
07	27	23.5	29.7	19.2	26.7	26.3	26.3	26.0	25.5	23.6	20.7	86.4	0.0	13.0	0.2	4.8	SSE
07	28	25.4	32.3	20.4	27.2	26.2	26.0	25.7	25.3	23.6	20.8	79.8	0.0	19.7	0.2	3.4	SE
07	29	25.3	32.4	21.8	28.2	26.4	26.1	25.8	25.3	23.6	20.9	85.4	0.5	15.3	0.2	2.7	E
07	30	26.2	33.9	20.7	29.1	26.6	26.3	25.9	25.3	23.7	20.9	79.5	0.5	23.2	0.4	4.4	SE
07	31	25.0	34.2	21.1	28.2	26.9	26.6	26.3	25.5	23.7	21.0	84.7	18.0	18.6	0.2	4.3	SE
計	Total												336.0				
平均	Mean	24.3	30.3	20.4	27.0	25.3	24.9	24.6	24.0	22.3	19.7	86.9	10.8	16.5	0.2	3.9	
最高	Max.	26.2	34.2	22.1	30.3	27.1	26.6	26.3	25.5	23.7	21.0	97.8	76.0	24.2	0.4	5.8	
最低	Min.	20.3	22.0	17.6	22.5	21.9	21.7	21.7	21.5	20.0	18.0	78.8	0.0	3.6	0.0	2.1	

2021年 08月
Aug. 2021

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	25.5	32.3	20.6	28.4	26.8	26.5	26.3	25.7	23.9	21.1	85.3	0.0	21.0	0.2	3.9	ENE
08	2	26.2	32.7	21.2	28.7	27.0	26.7	26.3	25.7	24.0	21.2	80.9	0.0	23.3	0.3	4.0	SE
08	3	25.5	31.0	22.0	28.3	27.0	26.7	26.4	25.8	24.0	21.2	85.0	2.5	15.8	0.7	5.0	ENE
08	4	26.6	34.6	20.6	29.0	27.0	26.7	26.3	25.8	24.1	21.3	81.1	0.0	24.4	0.2	4.0	SE
08	5	27.2	33.6	21.8	30.0	27.5	27.1	26.6	25.9	24.1	21.4	82.2	0.0	22.4	0.3	4.8	SSE
08	6	27.1	34.2	22.0	30.7	27.8	27.3	26.9	26.1	24.1	21.4	78.5	0.0	20.4	0.3	6.1	SE
08	7	27.0	34.4	20.9	29.9	27.7	27.3	26.9	26.2	24.2	21.5	79.6	0.0	21.7	0.2	3.8	NNE
08	8	28.0	37.1	21.5	30.9	28.0	27.5	27.0	26.3	24.3	21.5	76.0	0.0	23.8	0.4	3.8	SE
08	9	24.7	27.4	22.0	26.1	27.0	27.0	27.0	26.5	24.5	21.6	91.9	30.5	3.3	1.3	8.6	NE
08	10	24.2	29.9	19.6	26.6	26.0	26.1	26.1	26.1	24.7	21.7	82.7	0.5	14.6	0.6	5.4	ESE
08	11	23.6	30.4	18.1	26.2	25.8	25.8	25.8	25.7	24.6	21.8	85.9	0.0	17.4	0.1	2.5	SE
08	12	22.2	25.1	21.0	25.1	25.5	25.6	25.7	25.6	24.5	21.9	96.1	14.0	4.9	0.1	2.5	ENE
08	13	22.5	24.0	21.0	23.7	24.3	24.5	24.8	25.1	24.5	22.1	97.5	108.0	2.3	0.6	7.3	NE
08	14	23.9	24.7	22.6	24.1	23.9	23.8	23.8	24.1	24.6	22.9	96.9	54.5	2.1	0.8	5.5	NE
08	15	23.4	27.7	21.5	25.3	24.4	24.3	24.2	24.3	24.4	22.9	95.6	30.0	8.0	0.2	4.5	E
08	16	21.5	23.2	20.3	24.0	24.2	24.3	24.4	24.5	24.3	22.9	97.4	18.5	3.7	0.0	1.8	ENE
08	17	22.4	24.7	20.1	23.9	23.8	23.9	24.1	24.3	24.2	22.8	96.8	13.0	4.8	0.7	5.5	ENE
08	18	23.4	26.3	21.5	24.7	24.2	24.2	24.2	24.2	24.1	22.7	94.3	7.0	7.8	0.8	5.7	ENE
08	19	21.6	23.5	19.9	22.9	23.2	23.4	23.7	24.1	24.1	22.8	97.5	55.0	4.6	0.1	3.0	ESE
08	20	22.6	28.1	19.7	24.4	23.7	23.7	23.7	23.9	24.0	22.8	93.4	27.0	11.7	0.3	4.0	E
08	21	23.0	28.4	19.6	25.1	24.2	24.1	24.1	24.1	23.9	22.8	94.0	2.5	10.9	0.1	3.4	NE
08	22	24.1	30.9	21.5	26.1	24.7	24.6	24.5	24.3	23.8	22.8	92.1	21.0	13.5	0.2	4.6	ENE
08	23	24.1	29.6	21.0	26.8	25.3	25.0	24.9	24.6	23.9	22.7	91.5	8.0	15.4	0.1	3.7	SE
08	24	23.8	29.2	19.1	26.2	25.3	25.2	25.0	24.8	24.0	22.7	88.9	0.5	13.5	0.5	4.9	E
08	25	25.1	30.9	22.4	27.3	25.7	25.4	25.2	24.9	24.1	22.7	90.9	0.5	12.7	0.0	1.7	ENE
08	26	26.0	33.1	21.7	27.9	26.2	25.8	25.5	25.1	24.1	22.7	87.0	0.0	17.8	0.1	3.7	SE
08	27	25.1	33.2	18.4	27.9	26.5	26.2	25.8	25.3	24.2	22.7	79.2	0.0	24.0	0.3	3.1	SE
08	28	25.6	33.4	18.4	27.7	26.3	26.1	25.8	25.4	24.3	22.7	76.0	0.0	23.3	0.5	3.7	SSE
08	29	25.5	34.6	19.5	28.2	26.8	26.5	26.1	25.6	24.4	22.7	73.9	0.0	24.2	0.3	2.8	SE
08	30	25.5	33.8	20.1	29.0	27.0	26.7	26.3	25.8	24.5	22.7	80.6	0.0	21.2	0.2	3.1	SE
08	31	24.4	31.3	19.4	27.2	27.0	26.8	26.5	26.0	24.6	22.8	79.6	0.0	17.9	0.2	2.7	SE
計	Total												393.0				
平均	Mean	24.6	30.1	20.6	26.8	25.8	25.6	25.5	25.2	24.2	22.2	87.4	12.7	14.6	0.3	4.1	
最高	Max.	28.0	37.1	22.6	30.9	28.0	27.5	27.0	26.5	24.7	22.9	97.5	108.0	24.4	1.3	8.6	
最低	Min.	21.5	23.2	18.1	22.9	23.2	23.4	23.7	23.9	23.8	21.1	73.9	0.0	2.1	0.0	1.7	

2021年 09月
Sep. 2021

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.	
09	1	23.5	28.5	18.9	26.3	26.1	26.2	26.1	25.9	24.7	22.8	86.1	0.0	10.2	0.1	2.4	ESE	
09	2	22.9	24.9	20.9	25.4	25.7	25.7	25.8	25.7	24.7	22.8	96.6	4.0	4.6	0.0	2.5	NE	
09	3	20.9	22.3	19.4	23.0	24.4	24.8	25.1	25.3	24.7	22.9	98.0	23.5	2.6	0.0	1.6	SE	
09	4	22.0	26.3	20.3	23.8	23.9	24.1	24.4	24.7	24.6	22.9	96.8	22.0	6.5	0.1	2.3	ENE	
09	5	23.1	28.8	20.3	25.4	24.5	24.4	24.4	24.5	24.5	23.0	90.0	2.5	15.4	0.2	2.8	SE	
09	6	22.3	29.5	17.5	25.3	24.4	24.4	24.4	24.6	24.4	23.0	85.4	17.0	20.6	0.2	3.6	SE	
09	7	20.6	27.3	17.1	23.4	24.2	24.5	24.6	24.7	24.3	23.0	85.4	0.0	12.5	0.3	3.5	E	
09	8	19.6	21.7	18.7	22.0	23.2	23.6	24.0	24.4	24.3	23.0	87.8	1.5	5.3	0.5	4.2	ENE	
09	9	21.9	29.0	16.9	24.8	22.8	22.7	22.9	23.6	24.2	23.0	90.9	45.5	16.8	0.2	3.9	SE	
09	10	21.4	29.9	15.7	24.0	23.5	23.6	23.6	23.7	24.0	23.1	82.2	0.0	21.7	0.2	3.3	SSE	
09	11	21.4	27.1	18.6	24.2	23.8	23.8	23.9	23.9	23.9	23.0	93.1	1.5	10.1	0.1	2.0	SSE	
09	12	21.7	26.1	18.8	23.9	23.9	23.9	23.9	24.0	23.8	23.0	93.2	0.0	7.8	0.0	2.1	SE	
09	13	21.1	28.7	17.2	23.9	23.8	23.9	23.9	24.0	23.8	22.9	85.5	0.0	16.6	0.1	2.7	SE	
09	14	19.8	22.8	17.5	22.5	23.2	23.5	23.7	23.9	23.8	22.9	95.1	3.0	5.1	0.0	2.0	NNE	
09	15	21.8	28.5	18.0	24.8	23.6	23.6	23.5	23.7	23.7	22.9	87.7	0.5	19.2	0.2	2.8	SE	
09	16	21.3	28.1	17.2	23.8	23.6	23.8	23.8	23.8	23.7	22.8	85.8	0.0	12.8	0.2	4.2	SE	
09	17	20.5	24.0	18.2	22.9	23.3	23.5	23.7	23.8	23.6	22.8	91.8	20.0	6.3	0.3	3.4	ENE	
09	18	22.5	25.2	19.9	23.3	23.1	23.1	23.2	23.5	23.6	22.8	96.8	45.0	5.4	0.5	7.1	E	
09	19	21.8	29.3	17.8	23.1	23.4	23.4	23.4	23.5	23.5	22.8	90.6	4.0	13.0	0.2	3.4	SE	
09	20	21.1	27.0	17.1	24.2	23.6	23.6	23.6	23.6	23.5	22.7	91.8	0.0	11.3	0.1	3.6	SSE	
09	21	19.8	26.6	14.8	22.5	23.1	23.3	23.4	23.6	23.5	22.7	88.9	2.0	13.9	0.2	2.9	SE	
09	22	21.9	28.0	18.5	23.3	23.3	23.3	23.4	23.5	23.4	22.7	95.2	25.5	8.7	0.1	3.1	ENE	
09	23	21.2	28.4	16.3	23.3	23.5	23.5	23.5	23.5	23.4	22.7	88.6	0.0	17.4	0.1	2.8	SSE	
09	24	19.5	27.2	14.2	22.6	23.0	23.2	23.3	23.5	23.4	22.7	85.7	0.0	19.5	0.2	4.4	SSE	
09	25	20.6	28.9	16.0	23.0	23.0	23.2	23.2	23.4	23.4	22.6	88.3	0.0	14.2	0.1	3.4	SE	
09	26	18.2	19.4	17.0	20.8	22.2	22.7	23.0	23.3	23.3	22.6	98.9	30.5	2.4	0.0	1.8	SE	
09	27	19.2	25.9	15.4	21.8	22.1	22.2	22.4	22.9	23.2	22.6	89.7	0.0	15.8	0.1	2.8	SE	
09	28	19.1	27.4	14.6	21.7	22.0	22.3	22.4	22.8	23.1	22.6	88.4	0.0	15.3	0.1	3.3	ESE	
09	29	19.9	27.4	14.9	21.9	22.2	22.4	22.5	22.8	23.0	22.5	87.0	0.0	15.1	0.1	3.3	ESE	
09	30	20.5	26.4	15.7	22.1	22.4	22.5	22.6	22.8	23.0	22.5	88.9	0.5	10.6	0.1	3.0	ESE	
計	Total												248.5					
平均	Mean	21.0	26.7	17.4	23.4	23.5	23.6	23.7	23.9	23.8	22.8	90.3	8.3	11.9	0.2	3.1		
最高	Max.	23.5	29.9	20.9	26.3	26.1	26.2	26.1	25.9	24.7	23.1	98.9	45.5	21.7	0.5	7.1		
最低	Min.	18.2	19.4	14.2	20.8	22.0	22.2	22.4	22.8	23.0	22.5	82.2	0.0	2.4	0.0	1.6		

2021年 10月
Oct. 2021

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.	
10	1	20.9	24.5	18.3	21.3	22.1	22.4	22.6	22.8	22.9	22.5	85.1	0.5	5.0	0.7	5.7	SSE	
10	2	20.2	28.8	14.5	21.0	21.7	22.0	22.2	22.6	22.9	22.4	73.1	0.0	18.8	0.5	3.7	SSE	
10	3	18.7	28.6	12.1	20.3	21.2	21.7	21.9	22.4	22.8	22.4	80.6	0.0	18.8	0.2	3.3	SE	
10	4	20.0	29.0	15.8	21.7	21.7	21.8	21.9	22.3	22.7	22.4	85.9	0.0	16.0	0.2	3.9	SE	
10	5	19.6	27.8	14.2	21.4	21.8	22.0	22.1	22.3	22.6	22.3	86.4	0.0	17.0	0.2	3.5	SSE	
10	6	20.8	30.4	13.5	21.5	21.7	21.9	22.0	22.3	22.6	22.3	79.2	0.0	17.8	0.4	4.1	SSE	
10	7	21.4	26.6	18.1	22.9	22.3	22.3	22.3	22.4	22.5	22.2	86.9	0.0	11.0	0.2	4.0	E	
10	8	21.0	29.3	16.8	22.0	22.3	22.4	22.4	22.5	22.5	22.2	88.4	0.0	11.7	0.1	3.1	ESE	
10	9	20.8	28.3	16.2	21.8	22.2	22.3	22.3	22.5	22.5	22.1	87.7	0.0	12.4	0.1	3.1	SE	
10	10	19.8	28.2	15.2	21.4	21.9	22.1	22.2	22.4	22.5	22.1	88.3	0.0	10.0	0.2	3.9	E	
10	11	20.3	28.4	15.1	22.1	22.0	22.1	22.1	22.3	22.5	22.1	87.8	0.0	13.9	0.1	3.1	SSE	
10	12	22.1	27.3	18.9	23.2	22.3	22.3	22.3	22.4	22.4	22.1	92.3	92.5	8.1	0.1	3.6	NE	
10	13	20.5	23.1	18.9	21.8	21.8	21.8	22.0	22.3	22.5	22.1	97.7	17.0	4.2	0.0	2.2	ENE	
10	14	18.4	25.9	14.1	21.0	21.8	22.0	22.1	22.3	22.4	22.1	88.1	0.0	16.3	0.1	3.6	SSE	
10	15	17.6	25.8	13.8	19.9	21.1	21.5	21.7	22.2	22.4	22.1	87.1	0.0	16.2	0.1	2.6	SSE	
10	16	18.9	26.3	14.1	20.1	20.8	21.2	21.4	21.9	22.3	22.1	89.6	5.0	11.8	0.1	3.8	E	
10	17	14.6	20.3	8.4	17.7	20.2	20.9	21.3	21.8	22.3	22.0	78.6	0.5	9.8	0.8	6.4	S	
10	18	10.7	15.7	5.1	14.1	17.6	18.9	19.8	21.1	22.1	22.0	84.3	0.0	8.6	0.1	4.0	SSE	
10	19	13.0	18.8	9.6	15.6	17.9	18.6	19.2	20.4	21.9	22.0	91.7	5.5	9.4	0.1	2.4	SE	
10	20	10.7	16.2	5.0	13.5	17.0	18.0	18.8	20.0	21.6	21.9	82.9	0.5	14.4	0.9	6.2	SSE	
10	21	9.1	15.1	3.8	11.7	15.4	16.7	17.7	19.4	21.3	21.8	82.7	0.0	9.3	0.4	3.4	SSE	
10	22	11.4	17.9	7.9	13.5	15.7	16.6	17.3	18.8	21.0	21.7	89.4	0.0	8.0	0.1	2.6	SE	
10	23	11.2	17.4	4.4	12.2	15.4	16.4	17.1	18.5	20.6	21.6	65.9	0.0	15.9	1.0	5.6	S	
10	24	10.7	18.9	3.6	12.3	14.9	15.9	16.6	18.1	20.4	21.5	88.0	0.0	11.3	0.1	2.2	SSE	
10	25	12.1	15.1	10.2	13.5	15.4	16.1	16.7	17.9	20.1	21.4	98.0	10.5	3.0	0.1	3.7	SSE	
10	26	13.7	21.5	9.1	14.6	15.7	16.2	16.7	17.8	19.9	21.2	85.4	11.0	14.6	0.5	3.7	SSE	
10	27	12.9	20.6	8.3	15.0	16.1	16.6	16.9	17.8	19.6	21.1	89.4	0.0	11.5	0.0	2.5	SE	
10	28	13.0	21.7	7.0	13.7	15.7	16.4	16.9	17.8	19.5	20.9	74.3	0.0	14.8	0.6	4.5	SSE	
10	29	11.3	19.8	5.9	12.6	15.1	15.9	16.5	17.6	19.4	20.8	71.4	0.0	15.0	0.5	4.7	SSE	
10	30	11.1	19.8	5.2	12.4	14.7	15.5	16.1	17.3	19.2	20.7	87.4	0.0	11.4	0.1	2.7	SE	
10	31	12.8	19.4	9.5	14.3	15.2	15.7	16.2	17.1	19.0	20.6	94.5	1.0	6.6	0.0	2.5	SE	
計	Total												144.0					
平均	Mean	16.1	23.1	11.4	17.7	19.1	19.6	19.9	20.6	21.6	21.8	85.4	4.6	12.0	0.3	3.7		
最高	Max.	22.1	30.4	18.9	23.2	22.3	22.4	22.6	22.8	22.9	22.5	98.0	92.5	18.8	1.0	6.4		
最低	Min.	9.1	15.1	3.6	11.7	14.7	15.5	16.1	17.1	19.0	20.6	65.9	0.0	3.0	0.0	2.2		

2021年 11月
Nov. 2021

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	13.2	22.1	8.3	14.6	15.5	15.9	16.3	17.1	18.9	20.4	88.9	0.0	12.8	0.1	2.5	SSE	
11	2	12.3	21.1	7.0	14.2	15.6	16.1	16.5	17.2	18.8	20.3	83.3	0.0	13.0	0.2	3.5	SSE	
11	3	11.3	20.7	5.6	12.9	14.9	15.6	16.2	17.1	18.7	20.2	82.5	0.0	13.7	0.3	4.6	SSE	
11	4	11.0	19.4	5.2	12.3	14.5	15.3	15.8	16.9	18.6	20.1	79.3	0.0	12.9	0.2	3.3	SSE	
11	5	10.1	19.7	4.8	11.7	14.1	14.9	15.5	16.6	18.5	20.0	81.5	0.0	13.6	0.3	3.8	SSE	
11	6	11.0	18.9	5.2	12.2	13.9	14.6	15.2	16.4	18.3	19.9	88.3	0.5	9.5	0.0	2.8	SE	
11	7	12.7	20.7	8.8	14.2	15.0	15.3	15.6	16.4	18.2	19.8	90.9	0.0	11.0	0.1	1.9	S	
11	8	13.7	22.4	8.1	13.9	15.0	15.4	15.7	16.5	18.1	19.7	81.1	0.0	12.2	0.3	5.8	SE	
11	9	13.3	16.3	9.7	14.6	15.2	15.5	15.8	16.5	18.0	19.6	93.1	30.5	4.4	0.2	3.1	SE	
11	10	9.3	16.2	5.0	12.2	14.2	15.0	15.5	16.4	17.9	19.5	85.2	0.0	9.3	0.2	3.4	SE	
11	11	8.4	15.4	4.6	10.8	13.4	14.3	14.9	16.1	17.8	19.4	90.3	0.0	7.5	0.1	3.4	SE	
11	12	7.0	14.7	3.0	10.2	12.7	13.7	14.4	15.7	17.7	19.3	89.2	0.5	9.9	0.2	3.5	SSE	
11	13	6.2	14.7	1.4	9.0	11.9	13.0	13.9	15.3	17.5	19.2	86.5	0.0	12.8	0.2	2.9	SSE	
11	14	8.3	16.8	3.5	10.0	11.8	12.7	13.5	14.9	17.3	19.1	86.5	0.0	9.6	0.1	3.1	SSE	
11	15	9.9	18.2	4.6	10.4	12.1	12.9	13.4	14.7	17.0	19.0	83.5	0.0	12.2	0.3	3.4	SSE	
11	16	9.6	17.9	4.7	10.3	12.2	13.0	13.5	14.6	16.8	18.9	82.8	0.0	11.7	0.3	3.9	SSE	
11	17	8.6	17.3	3.4	9.9	12.2	12.9	13.5	14.6	16.7	18.7	83.2	0.0	12.2	0.2	3.9	S	
11	18	8.4	18.1	3.8	9.9	11.9	12.7	13.3	14.4	16.6	18.6	86.3	0.0	9.3	0.1	2.8	SSE	
11	19	8.6	17.8	4.0	9.5	11.7	12.5	13.1	14.3	16.4	18.5	86.1	0.0	10.6	0.1	2.9	SSE	
11	20	8.9	19.5	4.0	9.5	11.7	12.4	13.0	14.1	16.3	18.4	86.0	0.0	11.8	0.1	2.8	SSE	
11	21	10.7	18.4	4.6	10.7	11.9	12.5	13.0	14.0	16.2	18.3	87.0	0.0	7.0	0.0	2.8	SSE	
11	22	12.4	16.2	8.9	12.5	13.0	13.2	13.4	14.1	16.0	18.1	96.0	57.5	0.8	0.4	4.8	ESE	
11	23	7.2	11.3	4.1	9.7	12.1	12.9	13.3	14.1	15.7	17.9	76.9	0.0	7.4	0.6	4.4	SE	
11	24	5.5	11.2	1.2	8.4	10.7	11.7	12.5	13.7	15.6	17.8	83.1	0.0	7.1	0.4	5.7	SE	
11	25	6.9	14.0	1.8	8.9	10.5	11.4	12.0	13.3	15.5	17.7	86.2	0.0	9.5	0.2	4.1	SSE	
11	26	8.4	13.9	4.5	9.5	11.0	11.7	12.1	13.2	15.4	17.6	84.3	0.5	7.0	0.3	3.7	SSE	
11	27	4.1	10.7	-1.3	6.6	10.1	11.2	11.9	13.1	15.3	17.5	80.0	0.0	8.5	0.6	4.4	S	
11	28	4.3	12.5	-1.5	5.4	8.9	10.1	11.0	12.7	15.1	17.4	71.9	0.0	12.0	0.6	5.2	S	
11	29	3.7	14.1	-1.3	5.0	8.4	9.6	10.5	12.2	14.9	17.3	83.0	0.0	9.9	0.1	2.4	SSE	
11	30	9.2	16.1	0.7	7.6	8.7	9.5	10.3	11.8	14.7	17.2	85.9	1.0	6.9	0.6	4.9	E	
計	Total												90.5					
平均	Mean	9.1	16.9	4.2	10.6	12.5	13.3	13.8	14.9	16.9	18.8	85.0	3.0	9.9	0.2	3.6		
最高	Max.	13.7	22.4	9.7	14.6	15.6	16.1	16.5	17.2	18.9	20.4	96.0	57.5	13.7	0.6	5.8		
最低	Min.	3.7	10.7	-1.5	5.0	8.4	9.5	10.3	11.8	14.7	17.2	71.9	0.0	0.8	0.0	1.9		

2021年 12月
Dec. 2021

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	9.0	15.0	2.5	10.7	11.3	11.4	11.4	11.9	14.4	17.0	80.1	33.0	7.5	1.2	8.2	SE
12	2	3.2	10.5	-1.3	6.4	9.3	10.3	11.0	12.1	14.1	16.9	84.8	0.0	11.6	0.5	4.4	S
12	3	4.6	12.4	-0.5	6.2	8.7	9.6	10.3	11.7	14.1	16.7	84.3	0.0	11.4	0.2	3.6	S
12	4	4.2	10.0	0.2	5.2	8.3	9.3	10.1	11.5	14.0	16.6	86.4	0.0	6.8	0.7	4.7	S
12	5	4.3	9.8	-2.1	5.1	7.8	8.8	9.6	11.1	13.8	16.5	78.7	0.0	7.7	0.3	3.7	S
12	6	7.9	9.5	5.7	8.0	8.9	9.3	9.8	11.0	13.6	16.3	96.5	7.5	1.9	0.1	2.5	S
12	7	9.6	11.8	8.3	9.5	9.9	10.1	10.4	11.2	13.5	16.2	99.5	27.0	1.7	0.1	5.9	S
12	8	9.4	14.2	4.5	9.1	10.2	10.5	10.8	11.4	13.4	16.1	82.2	3.0	5.7	0.7	5.6	S
12	9	6.5	15.8	2.1	7.3	9.5	10.2	10.6	11.5	13.3	16.0	88.6	0.0	10.7	0.1	2.4	SE
12	10	6.9	15.2	3.4	7.5	9.3	10.0	10.4	11.4	13.3	15.8	92.1	0.0	8.9	0.0	2.2	SSW
12	11	6.9	15.7	2.2	7.2	9.2	9.8	10.3	11.3	13.2	15.7	90.0	0.0	10.2	0.2	3.6	S
12	12	8.8	16.0	3.7	8.3	9.4	9.9	10.3	11.2	13.2	15.6	89.1	0.0	6.8	0.1	3.3	S
12	13	5.6	10.2	-1.7	6.4	9.5	10.1	10.5	11.3	13.1	15.5	68.9	0.0	7.7	0.7	4.6	S
12	14	1.8	11.0	-2.6	4.2	7.6	8.8	9.6	11.0	13.1	15.4	83.6	0.0	9.9	0.1	2.8	S
12	15	4.2	11.8	-1.2	4.6	7.2	8.2	9.0	10.5	13.0	15.4	85.3	0.0	10.3	0.4	4.7	S
12	16	6.2	14.1	0.5	6.2	7.7	8.4	9.0	10.3	12.8	15.3	88.7	2.5	9.2	0.1	2.6	S
12	17	6.6	10.2	0.3	7.7	8.8	9.2	9.5	10.3	12.6	15.2	93.7	24.5	3.3	0.8	6.6	SSE
12	18	-0.1	4.7	-3.3	3.4	7.1	8.2	9.0	10.3	12.5	15.1	84.2	0.0	7.3	0.5	5.1	SSW
12	19	0.8	4.4	-3.0	2.8	5.9	7.1	8.1	9.7	12.3	15.0	88.3	0.5	5.7	0.4	3.7	S
12	20	3.3	9.5	-1.1	4.4	6.4	7.2	7.9	9.3	12.1	14.9	89.1	0.0	8.3	0.3	4.9	S
12	21	4.3	12.3	-0.7	5.2	6.9	7.5	8.0	9.3	11.9	14.8	89.9	0.0	9.0	0.2	3.1	S
12	22	4.6	12.2	-0.4	4.5	6.9	7.7	8.2	9.3	11.8	14.6	76.4	0.0	9.2	0.7	4.9	S
12	23	2.5	11.4	-2.9	3.3	6.2	7.1	7.9	9.2	11.7	14.5	75.4	0.0	10.6	0.2	4.3	S
12	24	5.5	13.7	-0.5	5.4	6.6	7.2	7.8	9.0	11.6	14.4	85.9	7.0	9.7	0.1	2.9	S
12	25	4.9	10.1	-1.2	6.2	7.6	8.0	8.3	9.2	11.5	14.3	93.8	1.5	3.8	0.2	3.5	SSE
12	26	-1.2	4.1	-3.4	2.1	5.8	7.0	7.8	9.2	11.4	14.2	83.0	0.0	9.1	0.6	5.8	S
12	27	-1.4	0.6	-3.6	2.1	4.7	6.0	6.9	8.6	11.3	14.1	96.6	0.0	3.7	0.4	3.7	S
12	28	0.0	5.4	-3.8	2.7	4.9	5.9	6.6	8.2	11.1	14.0	88.4	2.0	10.2	0.5	5.0	S
12	29	1.4	8.9	-3.6	2.5	4.5	5.5	6.4	8.0	10.9	13.9	91.2	0.0	5.3	0.0	1.6	S
12	30	3.0	8.2	-0.2	3.7	5.3	6.0	6.6	7.9	10.8	13.8	85.6	0.0	5.2	0.8	8.7	SSE
12	31	-1.0	2.6	-4.0	1.9	4.7	5.7	6.5	7.9	10.6	13.7	95.6	5.0	3.1	0.7	8.3	S
計	Total												113.5				
平均	Mean	4.3	10.4	-0.3	5.5	7.6	8.4	9.0	10.2	12.6	15.3	87.0	3.7	7.5	0.4	4.4	
最高	Max.	9.6	16.0	8.3	10.7	11.3	11.4	11.4	12.1	14.4	17.0	99.5	33.0	11.6	1.2	8.7	
最低	Min.	-1.4	0.6	-4.0	1.9	4.5	5.5	6.4	7.9	10.6	13.7	68.9	0.0	1.7	0.0	1.6	