

2012年 01月

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			平均地温							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Hum. %	Prec. mm	MJ/m ²
Date		平均 Mean	最高 Max.	最低 Min.	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep				平均 Mean	最大 Max.	風向 Dir.
01	1	0.9	8.3	-3.9	1.0	3.8	4.7	5.4	7.0	10.1	13.5	80.4	0.0	5.3	0.1	3.4	SE
01	2	2.2	8.3	-1.2	2.2	4.4	5.1	5.6	7.0	10.0	13.4	79.5	0.0	6.8	1.0	6.7	SSW
01	3	1.0	6.7	-2.8	1.5	4.2	5.0	5.7	7.0	9.9	13.3	73.4	0.0	7.8	0.6	4.6	SSW
01	4	0.5	5.9	-2.9	1.3	4.2	5.0	5.7	7.0	9.8	13.2	81.1	0.0	6.5	0.9	6.2	SSW
01	5	-1.2	4.5	-4.6	0.3	3.7	4.7	5.4	6.9	9.7	13.0	85.3	0.0	4.7	0.5	4.9	SSW
01	6	0.4	6.2	-5.3	1.5	3.6	4.4	5.2	6.7	9.6	12.9	84.4	0.0	6.9	0.3	4.3	SSW
01	7	0.6	6.7	-3.2	1.2	4.0	4.7	5.3	6.7	9.5	12.8	71.3	0.0	8.7	0.8	5.9	SSW
01	8	-0.3	7.0	-4.6	0.4	3.6	4.5	5.2	6.6	9.4	12.7	70.8	0.0	9.5	0.6	6.2	S
01	9	1.4	8.5	-3.2	2.1	4.0	4.6	5.2	6.5	9.3	12.6	79.1	0.0	8.3	0.4	5.7	SSW
01	10	1.3	9.2	-3.1	1.9	4.2	4.9	5.4	6.6	9.2	12.5	84.9	0.0	9.1	0.3	4.2	SSW
01	11	2.0	6.4	-2.1	2.0	4.4	5.1	5.6	6.7	9.2	12.4	77.3	0.0	4.5	0.8	5.0	SSW
01	12	-0.8	5.3	-4.1	0.2	3.6	4.5	5.3	6.6	9.1	12.3	60.8	0.0	10.2	0.9	5.8	SSW
01	13	1.4	7.0	-3.8	2.5	3.8	4.5	5.1	6.4	9.1	12.2	82.3	0.0	8.2	0.6	4.5	SSW
01	14	1.9	6.4	-1.7	3.2	4.6	5.1	5.5	6.5	9.0	12.1	78.3	0.0	6.3	0.5	6.3	SSW
01	15	1.3	5.7	-2.5	2.6	4.5	5.1	5.6	6.6	9.0	12.0	84.0	0.0	5.6	0.3	3.7	SW
01	16	2.0	5.5	-1.8	2.4	4.3	5.0	5.5	6.6	8.9	11.9	72.2	0.0	2.7	0.2	3.4	WSW
01	17	1.1	8.5	-3.3	3.6	4.9	5.3	5.7	6.6	8.9	11.9	83.4	1.0	9.6	0.2	3.6	SW
01	18	0.8	9.8	-4.3	1.8	4.3	5.1	5.6	6.7	8.9	11.8	86.2	0.0	8.7	0.1	2.8	WSW
01	19	3.1	8.8	-1.9	2.9	4.4	5.0	5.5	6.6	8.9	11.7	87.6	13.0	3.2	0.0	2.2	NNE
01	20	5.2	7.6	3.2	5.9	5.6	5.6	5.9	6.6	8.8	11.6	99.7	19.5	2.7	0.1	2.0	ESE
01	21	5.7	7.6	4.1	6.9	6.6	6.5	6.6	7.0	8.8	11.6	99.6	7.0	2.9	0.0	2.5	SSE
01	22	4.6	11.5	0.2	6.1	7.0	7.0	7.0	7.4	8.8	11.5	95.0	0.0	7.0	0.2	3.2	SW
01	23	3.0	9.9	-0.9	4.6	6.3	6.7	7.0	7.5	8.9	11.5	87.0	0.5	8.1	0.4	4.8	SW
01	24	0.2	5.8	-3.6	2.8	5.3	6.1	6.6	7.4	9.0	11.4	70.7	0.0	10.1	0.6	4.0	SW
01	25	-0.6	4.7	-3.8	2.4	4.8	5.5	6.1	7.2	9.0	11.4	73.5	0.0	8.8	0.5	5.2	SW
01	26	-0.9	3.6	-4.0	2.0	4.3	5.1	5.8	6.9	8.9	11.3	84.1	0.0	8.2	0.6	5.0	SW
01	27	-0.9	2.9	-4.3	1.7	4.1	4.9	5.6	6.7	8.8	11.3	92.0	0.0	3.8	0.3	3.7	SW
01	28	0.1	4.8	-4.4	2.9	4.4	4.9	5.4	6.5	8.7	11.2	85.5	0.0	7.8	0.3	4.1	SW
01	29	-0.8	5.4	-4.4	1.1	3.8	4.6	5.3	6.4	8.6	11.2	60.2	0.0	10.7	0.9	7.0	SSW
01	30	-1.0	5.3	-6.2	1.3	3.5	4.3	5.0	6.2	8.5	11.1	70.0	0.0	11.4	0.5	5.5	SSW
01	31	-1.8	3.4	-5.4	0.7	3.5	4.3	4.9	6.1	8.4	11.0	88.1	0.0	6.9	0.4	4.3	SSW
計	Total												41.0				
平均	Mean	1.0	6.7	-2.9	2.3	4.4	5.1	5.6	6.8	9.1	12.1	80.9	1.3	7.1	0.4	4.5	
最大	Max.	5.7	11.5	4.1	6.9	7.0	7.0	7.0	7.5	10.1	13.5	99.7	19.5	11.4	1.0	7.0	
最低	Min.	-1.8	2.9	-6.2	0.2	3.5	4.3	4.9	6.1	8.4	11.0	60.2	0.0	2.7	0.0	2.0	

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

2012年 02月

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			平均地温							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	-1.1	3.9	-5.7	0.1	2.8	3.8	4.6	5.9	8.3	11.0	88.0	0.0	4.2	0.9	6.0	SSW
02	2	-3.8	-1.1	-9.3	0.6	3.0	3.8	4.5	5.7	8.2	10.9	91.4	0.0	1.0	0.7	6.3	SW
02	3	-4.8	2.0	-10.1	-0.2	2.6	3.5	4.2	5.6	8.1	10.9	86.8	2.5	8.2	0.4	4.2	SSW
02	4	-1.5	4.7	-7.3	-0.7	2.1	3.1	3.8	5.3	8.0	10.8	83.9	1.0	6.5	0.5	5.4	SW
02	5	0.4	6.2	-4.7	0.8	2.5	3.1	3.7	5.1	7.8	10.7	82.2	0.0	7.3	0.2	3.9	SSW
02	6	2.5	4.7	0.1	3.4	3.6	3.9	4.2	5.2	7.7	10.6	99.5	7.5	1.6	0.0	2.9	SE
02	7	5.8	9.1	3.1	6.0	5.3	5.1	5.1	5.6	7.6	10.5	94.8	28.0	2.7	0.5	4.6	SW
02	8	0.1	4.7	-3.3	2.5	4.5	5.0	5.4	6.0	7.6	10.5	82.2	0.0	7.1	1.1	5.8	SSW
02	9	-1.8	2.4	-3.9	1.5	3.7	4.4	4.9	5.9	7.6	10.3	91.9	0.5	3.8	0.6	5.2	SW
02	10	-0.2	5.3	-4.9	2.4	3.7	4.2	4.6	5.6	7.6	10.3	85.7	2.5	9.4	0.6	5.2	SW
02	11	0.2	6.7	-4.0	2.0	3.8	4.3	4.7	5.6	7.5	10.2	76.2	0.0	12.4	0.7	5.5	SSW
02	12	0.3	6.7	-4.5	1.8	3.7	4.2	4.7	5.6	7.5	10.1	75.2	0.0	11.8	0.8	6.0	SSW
02	13	1.0	6.1	-3.8	1.9	3.5	4.1	4.6	5.6	7.5	10.1	80.5	3.0	4.0	0.2	3.5	ESE
02	14	2.5	5.3	-0.8	3.1	4.2	4.5	4.8	5.6	7.4	10.0	100.0	11.0	1.6	0.0	1.9	WSW
02	15	2.8	8.5	-1.6	2.7	3.9	4.4	4.8	5.6	7.4	9.9	87.2	0.0	3.7	0.5	4.9	SSW
02	16	0.8	7.1	-2.7	1.8	3.9	4.4	4.7	5.6	7.4	9.9	70.8	0.0	8.5	0.5	4.2	SW
02	17	0.7	5.0	-2.6	2.5	3.9	4.4	4.7	5.6	7.3	9.8	75.6	0.0	10.1	0.8	5.5	SW
02	18	-1.5	3.4	-6.6	1.4	3.7	4.2	4.7	5.6	7.3	9.8	63.6	0.0	10.9	1.0	7.5	SSW
02	19	-2.3	5.5	-8.7	0.9	3.2	3.8	4.4	5.4	7.3	9.7	72.7	0.0	14.5	0.5	5.0	SW
02	20	-0.5	8.2	-6.2	1.9	3.4	3.9	4.3	5.3	7.2	9.7	77.5	0.0	13.8	0.5	4.9	SSW
02	21	2.0	8.9	-4.4	2.8	3.6	4.0	4.4	5.3	7.2	9.7	74.2	0.0	10.0	0.4	4.9	SW
02	22	4.9	11.8	-2.2	5.9	4.8	4.8	4.9	5.5	7.2	9.6	80.8	6.5	10.8	0.3	3.9	SW
02	23	7.6	12.2	4.8	7.8	6.7	6.3	6.0	6.0	7.2	9.5	93.1	26.0	3.2	0.5	6.4	S
02	24	6.7	13.3	1.8	7.5	6.8	6.6	6.5	6.5	7.3	9.5	71.2	0.0	13.8	0.6	4.7	SSW
02	25	6.2	8.9	1.7	7.1	7.4	7.2	7.1	7.0	7.4	9.4	93.8	15.0	2.0	0.3	4.9	SSW
02	26	1.4	6.6	-1.7	3.3	5.7	6.2	6.6	7.0	7.6	9.4	72.7	0.0	6.4	0.8	5.4	SSW
02	27	0.6	7.0	-3.7	2.8	4.8	5.3	5.8	6.6	7.7	9.4	48.0	0.0	14.9	1.2	7.0	SSW
02	28	0.6	8.5	-7.4	2.7	4.3	4.9	5.4	6.3	7.7	9.4	63.8	0.5	11.0	0.3	4.5	SW
02	29	5.7	14.2	1.6	7.5	6.3	5.9	5.8	6.2	7.6	9.4	91.6	18.0	10.6	0.2	3.9	S
計	Total												122.0				
平均	Mean	1.2	6.8	-3.3	2.9	4.2	4.6	5.0	5.8	7.6	10.0	81.2	4.2	7.8	0.5	4.9	
最大	Max.	7.6	14.2	4.8	7.8	7.4	7.2	7.1	7.0	8.3	11.0	100.0	28.0	14.9	1.2	7.5	
最低	Min.	-4.8	-1.1	-10.1	-0.7	2.1	3.1	3.7	5.1	7.2	9.4	48.0	0.0	1.0	0.0	1.9	

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

2012年 03月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温			平均地温							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	7.3	14.6	2.1	8.8	7.6	7.2	6.9	6.8	7.6	9.4	85.9	0.0	11.9	0.2	3.8	SW
03	2	6.9	9.0	3.9	7.3	7.5	7.4	7.4	7.3	7.7	9.3	99.7	9.0	1.2	0.2	3.2	SE
03	3	6.1	14.0	-0.6	8.7	8.0	7.7	7.5	7.5	7.8	9.3	77.0	0.0	15.7	0.7	4.9	SW
03	4	4.8	9.3	-1.0	6.3	7.2	7.4	7.6	7.7	8.0	9.3	93.1	10.0	3.1	0.2	4.2	NE
03	5	8.5	10.3	6.7	8.9	7.9	7.6	7.6	7.7	8.1	9.4	99.5	28.0	2.1	0.1	4.1	ESE
03	6	11.1	15.4	7.8	11.6	9.5	8.8	8.4	8.0	8.1	9.3	95.8	10.0	5.9	0.2	3.1	SSE
03	7	7.9	10.8	3.6	8.9	9.2	9.1	8.9	8.6	8.3	9.3	71.7	0.0	7.0	0.7	6.6	SSW
03	8	8.3	15.0	2.5	10.5	9.0	8.8	8.6	8.6	8.5	9.3	80.4	0.0	11.2	0.2	3.6	SW
03	9	6.3	7.3	5.1	8.7	9.1	9.1	9.0	8.8	8.6	9.4	96.5	14.0	2.6	0.2	3.4	SW
03	10	5.5	11.8	-1.4	8.2	8.7	8.6	8.7	8.8	8.7	9.4	83.3	8.0	7.3	0.6	4.0	WSW
03	11	2.8	10.9	-3.1	7.1	7.6	7.9	8.2	8.6	8.8	9.5	72.2	0.0	15.7	0.8	5.8	SW
03	12	0.4	5.7	-2.4	4.2	6.7	7.4	7.8	8.3	8.8	9.5	81.6	0.0	9.3	1.3	7.9	SSW
03	13	1.0	7.0	-3.5	4.6	6.0	6.5	7.0	7.9	8.8	9.5	61.4	0.0	17.0	1.2	7.4	SSW
03	14	0.9	9.1	-5.6	5.3	6.1	6.5	6.8	7.6	8.7	9.6	69.6	0.0	18.2	0.5	4.6	SW
03	15	2.8	10.2	-2.9	5.5	6.6	6.8	7.0	7.5	8.5	9.6	62.1	0.0	15.6	0.9	5.9	SSW
03	16	4.5	12.3	-3.9	8.0	6.7	6.9	7.1	7.6	8.5	9.6	70.1	0.0	13.2	0.6	5.3	SE
03	17	9.5	13.1	6.0	9.0	8.1	7.9	7.8	7.8	8.4	9.6	98.6	36.5	0.5	0.7	7.4	E
03	18	9.0	11.9	5.6	9.6	8.9	8.6	8.4	8.2	8.5	9.6	98.8	0.5	4.0	0.1	2.1	W
03	19	4.6	9.5	-2.7	8.9	8.8	8.6	8.5	8.5	8.6	9.6	66.7	0.0	17.9	1.0	6.7	SSW
03	20	3.3	11.6	-5.1	8.3	7.8	8.0	8.2	8.5	8.7	9.5	64.0	0.0	18.0	0.9	5.7	SSW
03	21	3.4	9.8	-2.7	8.8	8.1	8.2	8.2	8.4	8.7	9.5	52.0	0.0	19.7	1.2	8.5	SSW
03	22	6.2	14.2	-2.8	9.8	7.9	8.0	8.1	8.4	8.8	9.6	62.8	0.0	14.3	0.7	4.4	SSW
03	23	6.5	8.3	4.8	7.9	8.3	8.4	8.5	8.5	8.8	9.6	94.4	22.0	1.8	0.1	3.8	ENE
03	24	7.1	11.6	2.2	9.3	8.9	8.6	8.5	8.6	8.8	9.6	88.0	4.5	8.6	0.7	6.3	SW
03	25	2.3	6.4	-1.9	6.1	7.9	8.3	8.4	8.7	8.9	9.6	87.0	0.0	9.0	0.8	6.3	SW
03	26	2.1	8.4	-2.4	6.9	7.3	7.6	7.9	8.4	8.9	9.6	76.9	0.0	14.0	0.7	6.7	SW
03	27	3.9	12.2	-2.9	9.4	7.9	7.8	7.9	8.2	8.9	9.6	70.2	0.0	20.1	0.6	4.8	SSW
03	28	5.3	12.9	-0.7	8.0	8.2	8.3	8.3	8.4	8.8	9.6	75.8	0.0	12.0	0.7	5.6	SSW
03	29	6.4	16.5	-2.6	11.3	8.7	8.4	8.3	8.5	8.9	9.6	63.8	0.0	20.6	0.5	4.6	SE
03	30	10.2	17.6	1.7	13.6	10.0	9.5	9.1	8.8	8.9	9.7	72.0	0.0	15.8	1.0	7.4	ENE
03	31	8.4	13.5	-0.7	9.5	10.7	10.5	10.2	9.6	9.0	9.7	88.5	62.0	2.7	1.3	7.0	ESE
計	Total												204.5				
平均	Mean	5.6	11.3	0.1	8.4	8.1	8.1	8.1	8.2	8.5	9.5	79.3	6.6	10.8	0.6	5.3	
最大	Max.	11.1	17.6	7.8	13.6	10.7	10.5	10.2	9.6	9.0	9.7	99.7	62.0	20.6	1.3	8.5	
最低	Min.	0.4	5.7	-5.6	4.2	6.0	6.5	6.8	6.8	7.6	9.3	52.0	0.0	0.5	0.1	2.1	

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

2012年 04月

気象月報
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生態水文学研究所白坂

月	日	气温			平均地温							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	3.4	9.4	-2.3	6.8	8.4	8.9	9.2	9.5	9.3	9.6	73.7	0.0	12.5	0.8	5.9	SSW
04	2	6.6	15.6	-2.2	10.3	8.7	8.7	8.7	9.1	9.3	9.6	64.4	0.0	19.8	0.5	4.0	S
04	3	9.0	14.9	3.0	8.9	9.4	9.4	9.4	9.3	9.3	9.7	87.9	33.5	1.3	1.8	14.1	E
04	4	2.9	8.6	-0.6	6.6	8.5	8.8	9.1	9.3	9.3	9.7	90.7	3.0	8.3	1.0	5.5	SSW
04	5	5.7	14.8	-0.7	7.5	7.8	8.1	8.4	8.9	9.4	9.7	85.4	1.0	9.2	0.4	4.3	S
04	6	4.2	10.7	-2.1	9.6	9.0	8.8	8.7	8.8	9.3	9.7	75.8	3.0	17.9	0.8	7.6	SSW
04	7	2.8	8.8	-2.9	9.0	8.8	8.8	8.8	9.0	9.2	9.7	65.5	0.0	21.0	1.1	7.6	SSW
04	8	4.5	14.5	-4.2	10.5	8.8	8.7	8.7	8.9	9.2	9.8	67.1	0.0	22.8	0.5	4.8	SSW
04	9	9.2	18.8	0.8	12.6	10.2	9.8	9.5	9.2	9.2	9.8	76.3	0.0	15.9	0.3	4.0	SSW
04	10	12.6	21.3	5.0	15.1	11.4	10.7	10.2	9.7	9.3	9.8	66.2	0.0	17.6	0.6	5.9	SE
04	11	10.8	12.3	8.6	11.3	11.3	11.1	10.9	10.3	9.5	9.8	97.8	63.5	1.1	0.7	5.5	ESE
04	12	13.2	20.8	8.3	16.9	12.8	11.8	11.1	10.5	9.8	9.8	71.8	0.0	22.8	0.7	4.9	SSW
04	13	12.2	20.9	6.6	15.0	13.1	12.6	12.1	11.2	10.0	9.8	78.3	2.0	13.1	0.4	4.8	SW
04	14	9.8	12.9	4.9	12.4	12.5	12.3	12.0	11.4	10.2	9.9	98.7	7.0	4.2	0.2	5.3	SW
04	15	10.1	17.6	3.2	13.2	11.9	11.7	11.5	11.3	10.4	9.9	82.5	0.0	16.3	0.3	4.1	SW
04	16	10.9	15.3	6.0	13.4	12.5	12.2	11.8	11.4	10.5	10.0	86.2	0.0	8.5	0.2	3.1	SW
04	17	12.0	21.5	5.3	16.2	13.0	12.4	11.9	11.5	10.6	10.1	76.8	0.0	20.1	0.4	5.0	SW
04	18	13.3	21.8	6.0	18.8	14.4	13.5	12.8	11.9	10.7	10.2	70.3	0.0	22.9	0.5	4.3	WSW
04	19	13.5	20.8	7.6	17.6	14.8	14.1	13.5	12.5	10.9	10.3	78.7	0.0	14.6	0.4	4.6	S
04	20	12.2	14.4	10.1	14.9	14.3	13.9	13.5	12.7	11.1	10.3	92.5	3.0	5.5	0.1	2.5	ENE
04	21	14.2	19.5	9.8	16.6	14.4	13.8	13.3	12.7	11.3	10.4	81.3	0.0	11.1	0.7	5.2	E
04	22	11.6	14.2	10.3	12.5	13.4	13.4	13.3	12.8	11.5	10.5	85.1	13.5	3.2	1.3	6.4	E
04	23	13.4	17.6	9.2	14.3	13.4	13.0	12.8	12.6	11.6	10.6	96.3	9.0	4.9	0.3	4.4	ENE
04	24	15.1	24.5	6.9	18.1	14.5	13.7	13.1	12.6	11.6	10.7	74.2	0.0	22.7	0.6	5.4	SSW
04	25	16.7	25.0	8.7	18.8	15.5	14.7	14.1	13.1	11.7	10.8	76.8	0.0	15.2	0.7	4.8	E
04	26	14.3	17.5	13.1	15.4	15.3	14.9	14.5	13.6	11.9	10.8	95.9	26.5	2.3	1.0	7.6	ENE
04	27	14.9	24.2	8.1	20.3	16.3	15.2	14.5	13.7	12.2	10.9	80.7	1.0	20.6	0.6	4.6	SW
04	28	16.9	28.1	7.4	21.6	17.2	16.2	15.4	14.2	12.4	11.0	74.7	0.0	24.1	0.4	4.0	WSW
04	29	17.2	25.9	10.3	21.8	17.9	16.9	16.1	14.8	12.6	11.1	79.8	0.0	19.7	0.3	4.2	SW
04	30	16.6	21.9	13.5	19.1	17.5	16.9	16.3	15.2	12.9	11.2	86.7	0.0	8.3	0.2	3.3	E
計	Total												166.0				
平均	Mean	11.0	17.8	5.3	14.2	12.6	12.2	11.8	11.4	10.5	10.2	80.6	5.5	13.6	0.6	5.2	
最大	Max.	17.2	28.1	13.5	21.8	17.9	16.9	16.3	15.2	12.9	11.2	98.7	63.5	24.1	1.8	14.1	
最低	Min.	2.8	8.6	-4.2	6.6	7.8	8.1	8.4	8.8	9.2	9.6	64.4	0.0	1.1	0.1	2.5	

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

2012年 05月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温			平均地温							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	19.2	25.4	12.3	22.8	18.1	17.1	16.3	15.2	13.1	11.3	70.7	0.0	17.5	0.8	7.6	E
05	2	17.5	19.1	14.8	19.2	18.1	17.5	16.8	15.6	13.3	11.4	89.9	9.5	4.8	0.3	5.6	E
05	3	17.8	24.2	13.1	21.7	18.5	17.5	16.8	15.7	13.5	11.6	83.6	0.5	15.4	0.6	4.1	SW
05	4	14.5	19.3	10.2	19.0	18.0	17.5	17.0	16.0	13.7	11.7	79.4	0.0	15.6	1.0	7.2	SSW
05	5	16.4	25.3	9.5	22.3	18.1	17.3	16.7	15.8	13.8	11.8	72.1	0.0	23.0	0.5	3.6	SSW
05	6	13.5	21.2	7.7	16.8	17.6	17.4	17.0	16.1	14.0	11.9	86.5	1.5	9.2	0.3	6.1	SE
05	7	13.3	22.7	4.3	18.6	16.6	16.3	16.1	15.7	14.1	12.1	74.9	0.0	18.7	0.3	4.3	WNW
05	8	16.0	24.0	8.2	20.0	17.3	16.7	16.3	15.6	14.1	12.2	73.4	0.0	16.8	0.2	4.0	SSW
05	9	14.7	21.3	10.9	17.3	17.1	16.8	16.4	15.8	14.1	12.3	85.6	0.0	8.0	0.2	3.6	ESE
05	10	14.6	22.5	8.3	19.8	17.1	16.6	16.1	15.6	14.2	12.4	68.0	0.0	20.6	1.0	8.0	S
05	11	12.3	19.4	5.3	20.2	17.2	16.7	16.3	15.7	14.2	12.5	64.7	0.0	23.4	1.2	5.5	S
05	12	11.7	19.1	4.0	18.9	17.1	16.7	16.3	15.7	14.3	12.5	60.8	0.0	21.6	1.1	6.5	SSW
05	13	12.5	22.2	2.1	20.5	17.1	16.6	16.2	15.6	14.3	12.6	61.7	0.0	23.0	0.4	3.2	SW
05	14	15.4	23.8	6.6	22.9	18.0	17.1	16.5	15.7	14.3	12.7	69.5	0.0	23.1	0.6	5.4	S
05	15	14.7	16.4	13.0	16.9	17.5	17.3	17.0	16.1	14.4	12.7	96.3	27.0	2.6	0.3	4.1	ENE
05	16	16.7	23.9	10.2	21.5	18.0	17.1	16.6	16.0	14.5	12.8	74.5	0.0	20.7	0.6	5.2	SSE
05	17	17.2	24.3	9.6	20.8	18.3	17.7	17.1	16.3	14.6	12.8	71.0	7.5	16.6	0.5	4.9	ENE
05	18	13.8	20.2	6.7	19.1	18.1	17.6	17.2	16.4	14.7	12.9	75.8	0.0	18.6	0.8	6.1	SSE
05	19	14.8	24.1	6.4	21.3	17.8	17.3	16.9	16.4	14.8	13.0	70.3	0.0	23.2	0.5	6.1	S
05	20	16.1	22.8	10.8	20.3	18.2	17.7	17.3	16.5	14.9	13.1	72.3	0.0	13.7	0.2	3.2	E
05	21	16.8	24.4	11.7	22.3	18.5	17.8	17.3	16.6	15.0	13.1	80.5	0.0	17.4	0.3	4.5	SW
05	22	15.8	20.6	11.2	19.2	18.4	18.0	17.6	16.8	15.0	13.2	89.9	3.5	8.1	0.1	2.1	W
05	23	15.7	24.6	9.4	20.6	18.0	17.5	17.2	16.7	15.1	13.3	78.2	0.0	20.1	0.3	3.4	S
05	24	17.3	26.8	8.7	22.3	18.5	17.9	17.4	16.7	15.2	13.4	71.9	0.0	19.2	0.2	3.1	S
05	25	15.1	18.7	10.5	18.1	18.3	18.1	17.7	17.0	15.3	13.4	90.6	0.5	6.6	0.0	2.4	NW
05	26	16.8	23.9	9.7	22.0	18.2	17.6	17.3	16.8	15.3	13.5	73.6	0.0	20.4	0.4	4.3	S
05	27	17.9	26.3	9.6	25.3	19.6	18.7	17.9	17.0	15.4	13.6	71.5	0.0	24.2	0.5	4.9	SSW
05	28	17.6	25.6	11.5	24.1	20.3	19.4	18.7	17.5	15.5	13.7	79.4	0.0	19.0	0.5	5.2	SSW
05	29	17.8	25.6	13.4	23.5	20.2	19.5	18.9	17.8	15.6	13.7	84.1	22.5	16.6	0.3	3.9	SSW
05	30	16.7	23.1	11.7	21.2	19.6	19.1	18.7	17.9	15.8	13.8	88.5	0.0	15.1	0.1	2.3	NNE
05	31	18.0	24.2	13.1	23.1	20.1	19.3	18.8	17.9	16.0	13.9	81.8	0.0	17.3	0.4	4.0	SSE
計	Total												72.5				
平均	Mean	15.7	22.7	9.5	20.7	18.2	17.6	17.1	16.3	14.6	12.7	77.1	2.3	16.8	0.5	4.6	
最大	Max.	19.2	26.8	14.8	25.3	20.3	19.5	18.9	17.9	16.0	13.9	96.3	27.0	24.2	1.2	8.0	
最低	Min.	11.7	16.4	2.1	16.8	16.6	16.3	16.1	15.2	13.1	11.3	60.8	0.0	2.6	0.0	2.1	

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

2012年 06月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均 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	18.9	26.7	13.4	25.1	20.8	19.9	19.2	18.1	16.1	14.0	82.5	0.5	21.1	0.4	3.9	ESE
06	2	18.4	24.1	13.9	22.0	20.6	20.0	19.5	18.4	16.2	14.1	86.4	0.0	12.4	0.2	4.2	SE
06	3	17.8	24.2	12.6	22.6	20.3	19.7	19.2	18.4	16.4	14.2	83.6	1.0	14.3	0.3	3.1	SW
06	4	18.0	25.7	11.8	23.6	20.5	19.8	19.3	18.4	16.5	14.3	82.1	0.0	20.3	0.4	4.4	SE
06	5	16.2	20.2	12.6	19.3	19.5	19.4	19.2	18.5	16.6	14.3	88.2	0.0	6.2	0.2	3.1	ENE
06	6	19.9	29.1	13.7	25.9	20.5	19.5	18.9	18.2	16.6	14.4	70.8	0.0	21.2	0.5	5.8	S
06	7	18.6	25.8	12.7	24.4	21.0	20.3	19.6	18.6	16.7	14.5	79.9	0.0	18.1	0.3	3.1	SW
06	8	19.4	27.1	13.4	25.2	21.3	20.5	19.8	18.8	16.8	14.6	83.6	13.5	18.2	0.6	5.2	ENE
06	9	17.0	19.1	14.5	20.0	20.2	20.0	19.8	19.0	16.9	14.7	96.6	7.5	5.5	0.2	3.4	SE
06	10	19.6	26.6	14.0	24.4	20.8	20.0	19.4	18.7	17.0	14.8	81.5	0.0	20.4	0.4	3.9	S
06	11	18.3	22.0	13.4	21.0	20.4	20.1	19.8	19.0	17.1	14.8	88.0	0.0	8.7	0.3	3.4	E
06	12	17.0	19.0	15.6	19.2	19.6	19.4	19.3	18.8	17.1	14.9	95.5	4.0	3.4	0.1	2.9	S
06	13	18.5	23.5	14.3	21.9	19.8	19.2	18.9	18.5	17.1	15.0	89.1	0.5	12.6	0.2	3.1	SW
06	14	19.6	25.5	16.0	24.4	20.9	20.1	19.5	18.7	17.1	15.1	84.6	0.0	15.5	0.3	4.3	WSW
06	15	19.6	23.4	17.3	22.9	21.0	20.5	19.9	19.0	17.2	15.1	84.2	0.0	9.2	0.3	3.5	SSE
06	16	18.7	21.1	16.1	20.8	20.3	19.9	19.7	19.1	17.3	15.2	97.4	27.0	4.8	0.3	5.1	ENE
06	17	21.4	26.6	16.1	25.2	21.9	20.8	20.1	19.2	17.4	15.3	88.9	16.5	16.8	0.3	4.5	E
06	18	20.8	28.7	15.6	24.8	22.1	21.3	20.7	19.7	17.6	15.3	83.5	0.0	16.0	0.1	3.6	SSW
06	19	20.3	23.4	17.7	21.3	21.4	21.1	20.8	19.9	17.8	15.4	93.6	39.0	3.5	1.0	7.5	ENE
06	20	20.9	24.8	16.0	22.9	21.5	20.9	20.5	19.9	18.0	15.5	90.2	0.5	9.5	0.1	2.9	SSE
06	21	17.2	19.6	14.6	19.7	20.5	20.4	20.4	19.9	18.2	15.7	97.0	28.5	5.1	0.0	4.0	ESE
06	22	20.6	26.5	13.9	24.8	21.6	20.7	20.3	19.8	18.5	16.0	85.9	50.0	19.7	0.4	5.8	S
06	23	18.2	26.2	12.5	23.1	21.7	21.2	20.8	20.1	18.6	16.1	80.7	0.0	17.3	0.1	2.9	SW
06	24	19.9	25.9	13.8	24.5	21.9	21.3	20.9	20.2	18.6	16.2	85.1	0.0	17.2	0.2	3.4	SW
06	25	19.5	23.6	17.7	23.2	22.2	21.6	21.2	20.4	18.6	16.3	91.9	3.5	10.3	0.2	4.4	NNW
06	26	18.1	22.0	15.7	21.4	21.5	21.2	21.0	20.4	18.7	16.4	92.5	0.0	6.3	0.1	2.3	SW
06	27	18.6	23.5	15.0	21.5	20.8	20.6	20.5	20.1	18.7	16.4	86.3	0.0	9.9	0.0	2.1	W
06	28	18.8	25.7	14.1	22.4	20.9	20.5	20.3	19.9	18.7	16.5	85.8	0.0	13.3	0.2	3.4	ESE
06	29	21.2	29.3	14.6	26.5	22.2	21.3	20.7	20.0	18.6	16.6	79.0	0.0	23.5	0.5	4.2	SSW
06	30	21.9	28.2	16.0	26.3	23.0	22.2	21.5	20.5	18.6	16.6	82.6	0.0	15.3	0.2	3.2	SW
計	Total												192.0				
平均	Mean	19.1	24.6	14.6	23.0	21.0	20.5	20.0	19.3	17.5	15.3	86.6	6.4	13.2	0.3	3.9	
最大	Max.	21.9	29.3	17.7	26.5	23.0	22.2	21.5	20.5	18.7	16.6	97.4	50.0	23.5	1.0	7.5	
最低	Min.	16.2	19.0	11.8	19.2	19.5	19.2	18.9	18.1	16.1	14.0	70.8	0.0	3.4	0.0	2.1	

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

2012年 07月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温			平均地温							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	20.1	21.4	18.1	22.4	22.5	22.0	21.7	20.8	18.8	16.6	96.7	21.5	4.6	0.4	5.2	ENE
07	2	22.5	30.5	17.1	27.5	23.2	22.1	21.5	20.7	18.9	16.7	82.8	0.0	25.3	0.3	4.1	S
07	3	20.7	22.1	18.5	22.6	22.8	22.5	22.2	21.2	19.0	16.8	97.2	42.5	3.1	0.1	1.9	ENE
07	4	22.8	29.5	17.9	26.5	23.3	22.5	22.0	21.2	19.4	16.8	86.8	0.0	19.4	0.2	3.5	SSE
07	5	22.4	26.0	20.1	25.0	23.7	23.1	22.5	21.5	19.5	16.9	90.6	5.0	9.1	0.1	20.5	NNE
07	6	22.0	25.3	19.2	24.5	23.2	22.7	22.4	21.6	19.6	17.0	94.9	37.5	8.9	0.2	4.5	ENE
07	7	21.5	25.1	18.2	23.8	23.2	22.8	22.5	21.8	19.8	17.2	90.3	11.5	8.7	0.4	3.8	E
07	8	21.7	28.4	15.9	25.8	23.1	22.6	22.3	21.7	20.0	17.3	83.2	0.0	19.9	0.4	4.3	SSE
07	9	22.6	28.2	17.8	26.6	24.0	23.3	22.7	21.8	20.0	17.5	82.6	0.0	15.0	0.2	3.7	W
07	10	22.7	29.5	17.0	28.5	24.5	23.6	23.0	22.0	20.1	17.6	81.4	0.0	22.8	0.4	5.2	WSW
07	11	22.6	27.0	17.8	25.8	24.3	23.8	23.3	22.3	20.2	17.6	87.3	18.0	12.3	0.7	7.1	ENE
07	12	23.2	23.9	22.5	23.6	23.5	23.3	23.1	22.5	20.5	17.8	97.1	79.0	1.1	1.0	8.9	NE
07	13	24.8	29.6	21.7	26.8	24.3	23.6	23.1	22.5	20.9	18.1	91.0	1.0	11.9	0.2	5.6	ENE
07	14	25.5	30.4	22.1	29.2	25.4	24.5	23.8	22.8	20.9	18.2	86.7	0.0	13.5	0.2	5.3	ENE
07	15	25.8	29.7	23.1	31.3	26.2	25.2	24.4	23.2	21.0	18.3	84.6	0.0	17.6	0.9	7.5	E
07	16	26.1	30.4	23.3	32.0	26.9	25.8	25.0	23.6	21.1	18.4	81.4	0.0	17.8	0.9	5.8	ENE
07	17	26.8	34.2	21.8	34.9	27.8	26.6	25.5	24.0	21.3	18.4	78.8	0.0	22.2	0.3	5.1	ENE
07	18	26.2	34.2	20.4	34.2	28.1	27.0	26.0	24.4	21.5	18.5	81.3	0.0	22.9	0.2	4.9	SW
07	19	26.6	33.7	20.5	34.5	28.3	27.2	26.3	24.7	21.7	18.6	78.6	0.0	22.6	0.3	3.5	S
07	20	23.0	26.3	21.6	25.7	26.8	26.6	26.2	25.0	21.9	18.7	94.8	23.0	4.0	0.1	2.2	NW
07	21	20.5	21.8	19.4	23.4	24.7	24.7	24.8	24.5	22.1	18.8	97.5	6.5	3.5	0.0	2.7	NNW
07	22	20.9	23.5	19.3	23.6	23.8	23.8	23.9	23.8	22.1	18.9	96.1	1.0	4.9	0.0	2.3	NE
07	23	23.4	29.3	19.8	29.4	25.0	24.3	23.9	23.4	22.0	19.1	87.0	0.0	16.4	0.1	3.0	E
07	24	24.7	32.2	19.2	31.8	26.2	25.4	24.7	23.7	21.9	19.1	85.1	0.0	19.8	0.2	2.6	S
07	25	25.5	31.5	21.1	31.6	27.1	26.2	25.4	24.2	21.9	19.2	85.5	0.0	16.8	0.1	3.0	S
07	26	26.3	34.8	20.4	34.5	27.6	26.5	25.7	24.4	22.0	19.3	78.3	0.0	23.3	0.2	3.8	S
07	27	27.2	35.2	21.0	35.4	28.6	27.4	26.5	24.9	22.2	19.3	78.4	0.0	22.2	0.2	3.1	SSW
07	28	27.7	35.2	21.7	35.9	29.3	28.0	27.0	25.4	22.4	19.4	77.7	0.0	21.7	0.3	3.4	WSW
07	29	26.7	32.7	22.2	32.8	28.9	28.1	27.2	25.7	22.6	19.5	82.6	0.0	15.0	0.4	4.4	E
07	30	27.1	33.0	22.1	33.9	28.8	27.9	27.1	25.8	22.8	19.6	77.3	0.0	18.2	0.4	4.3	ESE
07	31	25.3	32.5	19.9	34.3	28.8	27.9	27.1	25.8	22.9	19.6	81.4	0.0	22.3	0.3	4.1	SW

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

降水量 (Precipitation) : 30 ~ 31

2012年 08月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均 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.
08	1	25.9	33.2	19.7	35.0	29.1	28.1	27.3	25.9	23.1	19.7	77.2	0.0	23.7	0.5	5.4	ESE
08	2	26.1	32.3	21.1	33.9	29.1	28.2	27.5	26.1	23.2	19.9	79.5	0.0	17.6	0.2	3.0	SW
08	3	26.1	32.4	21.5	34.3	29.2	28.3	27.5	26.2	23.3	20.0	81.1	0.0	19.0	0.3	4.5	SW
08	4	26.8	34.5	21.1	36.0	29.5	28.5	27.6	26.3	23.4	20.1	78.8	0.0	20.7	0.2	3.8	SW
08	5	25.5	32.8	20.9	31.7	29.0	28.4	27.7	26.4	23.5	20.2	85.7	2.0	15.2	0.2	3.4	ENE
08	6	24.3	30.9	20.5	28.7	27.8	27.5	27.1	26.2	23.6	20.3	92.0	4.5	11.0	0.1	3.6	SSW
08	7	25.8	33.5	20.3	33.2	27.9	27.2	26.7	25.9	23.7	20.4	77.6	0.0	22.8	0.3	4.1	S
08	8	24.3	31.8	17.3	33.6	28.3	27.6	27.0	26.0	23.6	20.4	71.5	0.0	23.7	0.3	4.4	S
08	9	24.8	31.6	19.5	32.0	28.3	27.7	27.1	26.1	23.7	20.5	76.9	0.0	16.7	0.3	4.0	E
08	10	24.3	30.1	19.2	29.3	27.5	27.2	26.8	26.0	23.7	20.6	83.1	0.0	11.8	0.1	3.1	ENE
08	11	24.1	31.9	20.7	28.8	27.1	26.8	26.5	25.8	23.7	20.7	89.0	11.0	10.8	0.1	2.3	S
08	12	24.7	30.6	20.6	30.1	26.9	26.3	26.1	25.5	23.7	20.7	87.9	0.0	16.6	0.2	4.0	SW
08	13	25.3	31.4	21.8	29.5	27.0	26.6	26.2	25.6	23.7	20.8	88.6	45.5	12.0	0.5	4.1	ENE
08	14	23.9	28.3	21.9	26.3	25.2	25.0	25.2	25.4	24.3	21.0	94.1	18.5	8.2	0.1	2.8	E
08	15	25.3	29.5	22.4	29.4	26.5	25.9	25.6	25.2	24.2	21.1	87.8	0.0	13.2	0.7	5.8	ENE
08	16	26.1	33.6	22.2	32.0	27.4	26.6	26.1	25.4	23.9	21.2	83.7	0.0	17.8	0.2	3.5	SSE
08	17	26.2	33.8	21.3	32.7	28.0	27.3	26.7	25.7	23.9	21.2	83.3	0.0	18.2	0.2	4.3	SSW
08	18	23.7	30.8	21.6	27.3	27.2	26.9	26.7	25.9	23.9	21.2	92.3	9.0	8.2	0.1	5.1	NNE
08	19	24.3	31.1	20.4	29.7	26.8	26.2	26.0	25.6	23.9	21.2	86.1	0.5	17.9	0.2	4.2	SE
08	20	24.3	31.7	18.7	30.5	26.9	26.4	26.1	25.5	23.9	21.3	80.4	0.0	19.6	0.3	4.0	WSW
08	21	24.7	31.7	18.9	31.0	27.1	26.6	26.2	25.5	23.9	21.3	81.5	0.0	18.6	0.3	5.9	SE
08	22	24.9	31.4	21.8	30.3	27.5	26.9	26.5	25.7	23.9	21.3	85.3	0.0	15.4	0.2	3.8	E
08	23	25.5	33.1	20.3	32.3	27.8	27.1	26.6	25.7	23.9	21.3	81.1	0.0	18.7	0.2	3.6	SW
08	24	24.8	32.5	19.4	32.0	27.9	27.2	26.7	25.9	23.9	21.4	81.3	0.0	19.8	0.3	3.8	SW
08	25	25.4	32.5	19.2	33.3	28.3	27.5	26.9	26.0	24.0	21.4	77.8	0.0	21.6	0.2	3.6	S
08	26	25.2	32.5	19.2	32.5	28.4	27.7	27.1	26.1	24.0	21.4	78.4	0.0	20.1	0.3	3.9	SSW
08	27	25.1	32.5	19.5	32.0	28.3	27.7	27.1	26.2	24.1	21.4	78.6	0.0	19.6	0.3	4.1	SW
08	28	24.4	30.6	19.3	31.0	27.8	27.4	27.0	26.2	24.2	21.5	80.7	0.0	15.2	0.4	4.9	ENE
08	29	24.6	30.0	20.2	30.1	27.4	27.1	26.7	26.1	24.2	21.5	86.4	0.0	11.1	0.1	3.3	SSE
08	30	25.5	32.5	22.2	31.2	27.7	27.1	26.7	26.0	24.2	21.6	88.1	0.0	13.3	0.2	3.5	E
08	31	25.5	31.2	21.8	32.1	27.7	27.2	26.7	26.0	24.2	21.6	84.1	0.0	14.5	0.4	5.5	ENE
計	Total												91.0				
平均	Mean	25.1	31.8	20.5	31.3	27.8	27.2	26.7	25.9	23.8	20.9	83.2	2.9	16.5	0.3	4.0	
最大	Max.	26.8	34.5	22.4	36.0	29.5	28.5	27.7	26.4	24.3	21.6	94.1	45.5	23.7	0.7	5.9	
最低	Min.	23.7	28.3	17.3	26.3	25.2	25.0	25.2	25.2	23.1	19.7	71.5	0.0	8.2	0.1	2.3	

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

降水量 (Precipitation) : 1~8

2012年 09月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均 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	23.2	31.7	19.7	28.8	27.1	26.9	26.6	26.0	24.2	21.7	88.7	5.5	12.3	0.2	3.4	E
09	2	23.0	30.1	20.4	27.5	26.3	26.1	26.1	25.7	24.2	21.7	92.9	24.0	10.5	0.1	3.1	NE
09	3	23.1	29.4	19.6	28.4	26.1	25.8	25.8	25.5	24.2	21.7	88.2	0.0	13.8	0.2	3.8	ESE
09	4	23.5	30.3	20.1	29.0	26.3	26.0	25.8	25.4	24.2	21.8	87.8	0.5	13.1	0.1	2.7	S
09	5	25.0	32.7	20.2	31.6	26.8	26.2	25.9	25.4	24.1	21.8	83.4	0.0	18.0	0.2	3.0	S
09	6	24.0	29.9	20.3	28.8	26.8	26.5	26.2	25.6	24.1	21.8	86.8	0.0	12.5	0.1	3.1	S
09	7	24.6	32.1	19.2	30.7	26.6	26.3	26.0	25.5	24.1	21.8	83.0	0.0	16.6	0.3	4.0	E
09	8	23.1	28.9	19.9	26.2	26.1	26.0	25.9	25.5	24.1	21.8	88.4	0.0	7.7	0.2	3.4	ENE
09	9	23.5	31.2	19.1	28.8	25.8	25.6	25.4	25.2	24.1	21.9	84.5	0.0	14.7	0.2	4.0	ESE
09	10	23.5	31.1	18.4	29.3	26.1	25.8	25.5	25.1	24.0	21.9	82.1	0.0	15.8	0.2	4.3	WSW
09	11	22.0	25.4	19.1	24.0	24.3	24.4	24.5	24.8	24.1	21.9	94.8	30.5	6.3	0.0	2.9	SE
09	12	23.1	31.0	18.4	29.8	25.1	24.7	24.5	24.4	24.0	21.9	83.6	0.0	20.3	0.2	3.0	SW
09	13	23.5	32.1	18.0	30.5	26.0	25.6	25.2	24.7	23.8	22.0	79.4	0.0	19.8	0.1	2.8	S
09	14	23.7	29.1	19.6	28.9	26.2	25.8	25.5	25.0	23.8	22.0	80.5	0.0	14.7	0.4	5.7	ENE
09	15	22.8	30.8	18.2	27.9	25.8	25.6	25.4	25.0	23.8	21.9	87.9	6.0	12.6	0.1	3.3	SSW
09	16	23.8	30.8	18.7	28.0	25.6	25.4	25.2	24.9	23.8	21.9	83.8	0.0	14.2	0.3	4.5	E
09	17	24.4	28.1	22.2	26.6	25.5	25.2	25.2	24.9	23.8	21.9	85.8	12.5	9.0	0.8	6.4	ENE
09	18	23.7	27.9	21.6	25.4	25.0	24.8	24.9	24.7	23.8	21.9	87.0	41.5	7.8	0.8	6.2	ENE
09	19	23.3	27.7	20.1	26.8	24.8	24.4	24.4	24.4	24.0	22.1	90.2	24.0	11.4	0.4	5.5	ENE
09	20	21.9	29.0	18.0	28.1	25.4	24.9	24.8	24.5	23.9	22.1	86.0	0.0	16.3	0.1	4.7	S
09	21	20.5	27.3	16.4	26.8	25.3	25.0	24.9	24.6	23.8	22.1	87.4	2.0	16.1	0.1	2.8	SSW
09	22	20.7	27.6	16.2	26.5	24.8	24.6	24.7	24.5	23.7	22.1	84.5	0.0	14.3	0.1	5.2	SSW
09	23	17.3	20.1	14.2	19.9	23.3	23.7	24.1	24.3	23.7	22.1	96.8	14.0	5.0	0.0	3.3	E
09	24	18.4	26.5	13.3	23.7	22.4	22.5	23.0	23.5	23.6	22.1	83.7	0.0	15.5	0.2	5.6	S
09	25	19.5	27.3	15.3	24.2	23.0	22.9	23.1	23.3	23.3	22.1	84.6	0.0	13.4	0.0	3.7	SSE
09	26	18.3	27.4	11.8	24.6	22.9	22.9	23.0	23.2	23.2	22.1	80.3	0.0	18.4	0.0	0.7	S
09	27	18.6	27.8	13.2	24.6	22.8	22.9	22.9	23.1	23.0	22.0	83.5	0.0	17.4	0.0	0.8	SE
09	28	19.3	28.9	12.7	25.5	23.1	23.0	23.0	23.0	22.9	22.0	81.2	0.0	17.7	0.0	0.9	SSW
09	29	19.1	25.8	13.7	23.3	22.8	22.9	23.0	23.0	22.8	21.9	86.5	0.0	9.7	0.0	0.5	SE
09	30	19.7	26.3	16.8	21.2	22.2	22.5	22.7	22.9	22.7	21.8	90.2	56.0	5.0	0.4	7.1	SE
計	Total												216.5				
平均	Mean	22.0	28.8	17.8	26.8	25.0	24.8	24.8	24.6	23.8	21.9	86.1	7.2	13.3	0.2	3.7	
最大	Max.	25.0	32.7	22.2	31.6	27.1	26.9	26.6	26.0	24.2	22.1	96.8	56.0	20.3	0.8	7.1	
最低	Min.	17.3	20.1	11.8	19.9	22.2	22.5	22.7	22.9	22.7	21.7	79.4	0.0	5.0	0.0	0.5	

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

2012年 10月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温			平均地温							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	19.5	26.4	15.0	23.2	21.9	21.8	21.9	22.3	22.6	21.8	89.6	0.5	12.6	0.1	3.8	SSW
10	2	19.0	26.5	14.4	23.6	22.0	21.9	22.1	22.3	22.5	21.8	85.7	0.0	13.6	0.1	2.9	SSW
10	3	19.9	26.2	15.5	24.1	22.6	22.4	22.3	22.3	22.3	21.7	87.6	0.0	12.0	0.1	2.9	SSW
10	4	20.8	28.5	14.6	25.5	22.7	22.6	22.5	22.4	22.3	21.7	75.3	0.0	16.1	0.3	4.9	S
10	5	18.5	26.8	13.3	24.2	22.6	22.6	22.6	22.5	22.3	21.7	79.6	0.0	16.2	0.2	3.4	S
10	6	18.8	26.2	13.4	23.7	22.4	22.4	22.4	22.5	22.3	21.6	81.5	0.5	12.3	0.1	3.7	SSW
10	7	17.2	25.5	12.5	23.3	22.3	22.3	22.4	22.4	22.2	21.6	81.5	0.5	15.1	0.2	3.4	SSW
10	8	16.9	24.6	11.4	22.1	21.5	21.8	22.0	22.2	22.2	21.5	82.8	0.0	13.7	0.1	2.3	SSW
10	9	17.0	24.7	12.3	21.5	21.2	21.5	21.7	22.0	22.1	21.5	84.8	0.0	12.3	0.1	3.7	S
10	10	16.2	24.1	12.5	20.7	21.0	21.2	21.4	21.8	22.0	21.4	85.2	0.0	10.8	0.1	2.9	SSW
10	11	16.8	24.4	12.6	22.0	21.0	21.1	21.2	21.6	21.8	21.4	82.4	0.0	12.8	0.2	4.3	SSW
10	12	15.5	22.3	10.2	19.4	20.5	20.8	21.1	21.4	21.7	21.3	70.4	0.0	13.2	0.4	4.3	SSW
10	13	13.9	23.6	6.2	18.9	19.3	19.9	20.3	21.0	21.6	21.3	76.2	0.0	13.9	0.2	3.4	SSW
10	14	15.0	22.5	10.3	18.4	19.3	19.7	20.1	20.7	21.4	21.2	86.5	0.0	8.5	0.0	2.5	SSW
10	15	14.8	25.1	8.1	19.2	19.2	19.5	19.8	20.4	21.2	21.1	78.3	0.0	15.1	0.1	3.5	SSW
10	16	15.5	24.0	10.2	18.5	19.0	19.4	19.7	20.3	21.1	21.1	86.7	0.0	10.4	0.0	2.9	SW
10	17	15.4	20.4	11.5	16.6	18.6	19.0	19.5	20.1	20.9	21.0	96.0	31.5	3.6	0.0	2.8	NE
10	18	15.3	16.9	11.9	16.7	18.4	18.7	19.1	19.7	20.7	20.9	98.8	12.5	2.6	0.1	4.1	SSE
10	19	12.9	20.0	6.8	16.5	17.6	18.1	18.6	19.4	20.5	20.8	74.1	0.0	14.7	0.6	5.4	S
10	20	13.1	21.7	7.8	17.2	17.3	17.7	18.2	19.1	20.3	20.8	84.7	0.0	14.2	0.1	3.6	S
10	21	13.8	22.3	8.4	17.2	17.4	17.7	18.1	18.9	20.1	20.7	84.7	0.0	13.5	0.2	3.6	S
10	22	14.4	23.3	6.3	17.8	17.2	17.6	18.0	18.7	19.9	20.6	83.3	2.5	13.4	0.2	5.0	ENE
10	23	13.8	17.9	8.8	14.9	17.5	17.9	18.2	18.7	19.8	20.4	98.5	36.5	1.4	0.4	5.3	E
10	24	10.1	17.3	4.6	13.6	15.8	16.4	17.2	18.2	19.6	20.4	81.0	0.0	13.5	0.5	5.2	S
10	25	10.6	19.9	5.1	13.6	15.5	16.0	16.7	17.8	19.4	20.2	88.4	0.0	10.2	0.0	2.5	SSW
10	26	12.1	21.7	6.6	15.2	15.4	15.9	16.4	17.5	19.2	20.1	87.3	0.0	13.0	0.1	2.8	SSW
10	27	13.7	22.3	8.8	16.8	16.2	16.5	16.7	17.4	18.9	20.0	88.6	0.0	12.0	0.1	2.0	WSW
10	28	13.4	16.2	10.8	14.4	16.1	16.5	17.0	17.6	18.8	19.9	96.7	20.0	2.5	0.2	4.0	ENE
10	29	13.0	19.1	7.1	15.0	16.0	16.3	16.6	17.4	18.7	19.8	79.0	0.0	12.8	0.6	6.5	S
10	30	9.9	16.8	5.9	12.1	14.8	15.5	16.2	17.2	18.6	19.7	85.5	0.0	9.1	0.1	4.1	SSW
10	31	9.0	17.4	4.7	12.3	14.2	14.9	15.6	16.7	18.4	19.6	85.9	0.0	11.6	0.2	4.0	S
計	Total												104.5				
平均	Mean	15.0	22.4	9.9	18.6	18.9	19.2	19.5	20.1	20.8	20.9	84.7	3.4	11.5	0.2	3.7	
最大	Max.	20.8	28.5	15.5	25.5	22.7	22.6	22.6	22.5	22.6	21.8	98.8	36.5	16.2	0.6	6.5	
最低	Min.	9.0	16.2	4.6	12.1	14.2	14.9	15.6	16.7	18.4	19.6	70.4	0.0	1.4	0.0	2.0	

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

2012年 11月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Wind Velocity		
Date		平均 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	10.5	17.0	5.7	13.1	14.3	14.8	15.4	16.4	18.2	19.5	74.2	0.0	9.5	0.4	5.2	S
11	2	8.2	14.2	3.8	10.5	13.5	14.3	15.0	16.2	18.0	19.3	74.1	0.0	11.3	1.0	6.5	S
11	3	8.6	14.4	2.3	10.9	12.8	13.7	14.4	15.7	17.8	19.2	70.3	0.0	11.4	0.7	5.6	S
11	4	8.1	16.5	2.1	11.0	12.6	13.4	14.1	15.4	17.6	19.1	78.4	0.0	11.4	0.2	3.7	SSW
11	5	12.1	19.2	6.9	14.1	13.4	13.8	14.2	15.2	17.3	19.0	89.7	0.0	7.5	0.0	2.8	SW
11	6	13.9	20.7	8.1	15.0	14.9	14.9	15.0	15.5	17.2	18.9	92.1	1.0	6.2	0.1	4.5	ENE
11	7	9.2	15.2	5.2	11.2	13.7	14.4	14.9	15.7	17.1	18.7	85.8	0.0	7.8	0.2	4.1	S
11	8	9.9	14.8	5.7	11.5	13.2	13.9	14.4	15.4	17.0	18.6	86.7	0.0	6.6	0.2	4.3	S
11	9	11.0	17.6	7.4	12.0	13.4	13.9	14.3	15.2	16.9	18.5	75.5	0.0	7.8	0.5	5.4	S
11	10	10.0	17.4	6.0	11.4	12.8	13.4	14.0	15.0	16.8	18.4	70.4	0.0	11.6	0.6	7.0	SSW
11	11	10.6	14.6	6.5	10.1	12.4	13.1	13.8	14.9	16.7	18.3	91.1	12.0	1.7	0.2	5.5	E
11	12	10.5	16.3	3.5	12.1	13.1	13.4	13.8	14.7	16.5	18.2	87.5	0.0	7.6	0.2	4.0	S
11	13	8.0	14.5	3.3	10.0	12.0	12.7	13.4	14.6	16.4	18.1	88.4	2.0	8.4	0.1	3.0	SW
11	14	5.9	11.9	2.3	8.0	11.5	12.3	13.0	14.2	16.3	18.0	85.2	0.0	7.2	0.4	4.3	S
11	15	3.5	7.3	0.4	5.2	10.1	11.2	12.2	13.7	16.1	17.9	96.2	2.5	4.3	0.1	4.4	SSW
11	16	6.5	15.2	1.0	7.9	9.7	10.5	11.4	13.1	15.8	17.8	82.9	0.0	11.0	0.3	5.8	SSW
11	17	9.4	14.2	3.9	8.9	10.2	10.8	11.5	12.8	15.5	17.7	97.7	42.0	0.9	0.4	6.1	ESE
11	18	8.4	12.8	3.7	9.4	10.9	11.3	11.7	12.6	15.0	17.6	72.0	0.0	9.6	0.9	6.4	SSW
11	19	5.6	14.3	-0.4	8.3	10.0	10.7	11.4	12.6	14.8	17.4	83.2	0.0	9.5	0.2	3.4	ESE
11	20	6.8	13.3	2.5	8.1	10.1	10.8	11.4	12.5	14.7	17.2	82.6	0.0	8.4	0.5	5.7	S
11	21	5.7	13.2	0.2	8.0	9.5	10.3	11.0	12.3	14.6	17.1	79.1	0.0	10.7	0.4	4.8	SSW
11	22	7.4	14.0	3.5	8.2	10.1	10.6	11.1	12.2	14.5	16.9	86.8	0.0	5.0	0.1	3.1	SSW
11	23	8.2	11.4	3.5	8.4	10.0	10.6	11.2	12.2	14.4	16.8	90.7	2.0	2.9	0.2	4.6	SSW
11	24	6.7	12.7	-0.5	7.6	10.0	10.6	11.1	12.2	14.3	16.7	68.6	0.0	7.8	0.6	5.5	SSW
11	25	4.1	13.5	-2.3	5.9	8.5	9.5	10.4	11.9	14.2	16.5	84.3	0.0	9.9	0.1	2.8	SW
11	26	9.2	14.3	4.1	8.4	9.2	9.7	10.3	11.6	14.0	16.4	97.4	25.0	0.7	0.4	6.4	ESE
11	27	4.6	9.9	-1.8	5.9	9.3	10.0	10.5	11.5	13.8	16.3	78.5	0.0	8.6	0.7	5.8	S
11	28	3.4	11.4	-1.9	4.9	8.0	8.9	9.8	11.2	13.7	16.2	84.0	0.0	7.1	0.1	2.3	WNW
11	29	5.8	12.8	1.1	6.5	8.1	8.8	9.5	10.9	13.5	16.1	90.4	0.0	6.2	0.1	2.6	SSW
11	30	7.4	14.0	2.3	8.5	8.8	9.2	9.7	10.8	13.3	15.9	84.4	0.0	7.8	0.3	4.6	SSW
計	Total												86.5				
平均	Mean	8.0	14.3	2.9	9.4	11.2	11.9	12.5	13.6	15.7	17.7	83.6	2.9	7.5	0.3	4.7	
最大	Max.	13.9	20.7	8.1	15.0	14.9	14.9	15.4	16.4	18.2	19.5	97.7	42.0	11.6	1.0	7.0	
最低	Min.	3.4	7.3	-2.3	4.9	8.0	8.8	9.5	10.8	13.3	15.9	68.6	0.0	0.7	0.0	2.3	

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

2012年 12月

気象月報

生態水文学研究所白坂

Monthly report of meteorological data at Shirasaka

月	日	气温 °C			平均地温 °C							湿度	降水量	日射量 日合計	風速 m/sec		
		Air Temperature			Soil Temperature										Hum. %	Prec. mm	MJ/m ²
Date		平均 Mean	最高 Max.	最低 Min.	0.0	0.05	0.1	0.2	0.5	1.0	2.0m deep				平均 Mean	最大 Max.	風向 Dir.
12	1	4.5	10.7	-1.1	5.4	8.7	9.4	9.9	11.0	13.2	15.8	74.0	0.0	7.6	0.8	5.4	SSW
12	2	0.8	3.8	-3.5	1.1	6.5	7.9	9.1	10.7	13.1	15.7	86.0	1.0	2.1	0.2	4.5	SSE
12	3	4.4	13.0	-1.2	5.5	6.7	7.5	8.3	10.0	12.9	15.6	92.4	0.0	9.5	0.1	2.7	SSE
12	4	5.4	10.0	1.4	6.0	7.9	8.4	8.9	10.0	12.7	15.4	90.6	8.0	3.4	0.7	6.0	SSW
12	5	2.9	7.2	-1.8	4.8	7.1	7.9	8.6	10.0	12.5	15.3	86.5	0.0	6.8	0.4	4.6	SSW
12	6	4.1	8.1	-0.8	5.8	7.5	8.1	8.6	9.8	12.4	15.2	76.9	0.0	8.7	0.9	7.1	SSE
12	7	0.9	7.0	-2.8	3.2	6.4	7.4	8.3	9.7	12.3	15.1	87.6	0.5	8.8	0.3	5.3	SSW
12	8	2.3	9.2	-3.2	3.1	6.4	7.2	8.0	9.4	12.1	15.0	80.7	0.0	5.1	0.8	6.3	SW
12	9	-0.9	5.3	-5.3	1.1	5.1	6.3	7.4	9.1	12.0	14.9	83.6	0.0	8.0	0.8	7.4	SW
12	10	-1.6	0.7	-4.8	0.2	5.0	6.0	7.0	8.7	11.8	14.7	99.9	0.0	0.4	0.1	2.8	W
12	11	-0.8	3.8	-4.9	0.6	4.6	5.6	6.6	8.4	11.6	14.6	98.2	4.5	2.8	0.0	1.9	W
12	12	-0.1	6.2	-3.8	1.9	4.6	5.5	6.3	8.0	11.3	14.5	90.2	3.0	9.2	0.2	4.6	SW
12	13	0.2	8.0	-3.8	1.1	4.5	5.4	6.3	7.9	11.1	14.4	85.3	0.0	9.5	0.3	4.6	SSW
12	14	1.5	11.2	-4.5	2.4	4.4	5.2	6.1	7.7	10.9	14.2	83.8	2.0	8.9	0.1	2.6	SSW
12	15	7.8	10.7	2.9	7.4	6.3	6.4	6.7	7.7	10.7	14.1	99.7	18.0	2.0	0.0	2.4	ESE
12	16	7.2	12.1	1.3	7.3	7.8	7.8	7.8	8.3	10.6	13.9	84.1	0.5	9.2	0.8	7.0	SSW
12	17	7.6	13.6	1.5	7.8	7.5	7.7	8.0	8.7	10.6	13.8	92.3	2.5	4.7	0.1	2.5	SSW
12	18	5.4	10.4	-0.4	6.2	8.2	8.4	8.5	9.0	10.7	13.7	87.8	0.0	4.7	0.3	4.9	SW
12	19	0.3	6.8	-4.5	1.6	6.0	7.0	7.8	8.9	10.8	13.5	69.8	0.0	9.6	0.7	6.7	SSW
12	20	-0.2	5.3	-5.6	0.6	4.6	5.8	6.8	8.3	10.7	13.4	83.9	0.0	5.9	0.3	3.5	SW
12	21	1.8	7.5	-2.8	2.6	4.7	5.5	6.3	7.9	10.6	13.4	84.7	2.0	5.5	0.1	3.4	SSE
12	22	5.8	8.8	3.1	5.4	6.0	6.3	6.7	7.7	10.4	13.3	94.0	24.0	2.2	0.4	4.8	SSW
12	23	3.5	9.1	-1.8	4.0	5.8	6.4	6.8	7.8	10.2	13.2	72.2	0.0	8.7	0.7	4.0	SW
12	24	-0.5	4.6	-4.7	1.7	5.3	6.1	6.7	7.8	10.1	13.1	87.7	0.0	5.1	0.3	4.0	SW
12	25	-0.5	4.7	-5.7	1.1	4.1	5.1	6.0	7.5	10.0	13.0	85.2	0.0	8.3	0.5	4.6	SW
12	26	0.2	3.9	-3.4	1.2	4.4	5.2	5.9	7.2	9.8	12.8	68.0	0.0	9.2	1.2	7.0	SSW
12	27	-1.3	5.0	-5.0	-0.6	3.5	4.6	5.4	7.0	9.7	12.7	66.7	0.0	9.9	0.9	4.9	SSW
12	28	0.9	4.4	-3.8	0.1	3.1	4.1	5.0	6.6	9.6	12.6	90.2	7.5	1.6	0.1	3.6	S
12	29	6.2	12.7	1.7	6.6	5.1	5.1	5.4	6.5	9.4	12.5	94.5	1.0	6.9	0.2	4.5	SSW
12	30	7.3	9.9	5.1	7.0	6.7	6.6	6.6	7.1	9.3	12.4	99.1	32.0	0.6	0.2	3.3	S
12	31	1.8	5.3	-3.1	3.7	6.4	6.8	7.0	7.5	9.2	12.3	80.2	0.0	7.7	0.9	6.4	SW
計	Total												106.5				
平均	Mean	2.5	7.7	-2.1	3.4	5.8	6.5	7.2	8.5	11.0	14.0	85.7	3.4	6.2	0.4	4.6	
最大	Max.	7.8	13.6	5.1	7.8	8.7	9.4	9.9	11.0	13.2	15.8	99.9	32.0	9.9	1.2	7.4	
最低	Min.	-1.6	0.7	-5.7	-0.6	3.1	4.1	5.0	6.5	9.2	12.3	66.7	0.0	0.4	0.0	1.9	

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

降水量 (Precipitation) : 11~15