

2016年 01月

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
01	1	1.8	10.5	-2.4	3.5	4.1	5.2	7.7	10.3	13.9	55.1	0.0	10.3	0.7	4.6	W	0
01	2	3.0	13.2	-2.9	3.4	3.9	5.0	7.6	10.1	13.8	53.0	0.0	10.1	0.7	3.5	W	0
01	3	6.4	16.3	1.2	4.3	4.4	5.2	7.4	10.0	13.7	53.2	0.0	10.1	0.9	4.4	WNW	0
01	4	6.3	15.1	1.2	4.7	4.8	5.4	7.4	9.8	13.6	54.6	0.0	10.2	0.9	5.0	NNW	0
01	5	4.8	13.3	0.1	4.5	4.8	5.5	7.4	9.7	13.5	64.2	0.0	7.1	0.7	5.9	WNW	0
01	6	2.7	9.1	0.1	4.4	4.7	5.5	7.4	9.6	13.4	80.2	0.0	5.9	0.4	4.6	SE	0
01	7	2.1	11.2	-2.3	4.2	4.7	5.4	7.4	9.5	13.4	74.5	0.0	7.5	0.7	5.3	SE	0
01	8	1.2	9.7	-3.4	3.5	4.1	5.1	7.3	9.5	13.3	67.8	0.0	10.0	0.7	4.3	WSW	0
01	9	1.6	9.9	-2.5	3.4	3.9	4.9	7.2	9.4	13.2	64.6	0.0	10.5	0.8	4.6	W	0
01	10	2.2	11.9	-2.8	3.3	3.8	4.8	7.0	9.3	13.2	59.2	0.0	10.7	0.8	3.5	W	0
01	11	1.4	9.3	-2.3	3.2	3.7	4.6	6.9	9.2	13.1	65.4	0.0	9.9	0.7	4.3	SW	0
01	12	-0.9	1.8	-4.4	2.9	3.6	4.6	6.8	9.2	13.0	83.0	0.0	2.0	0.2	2.8	SW	0
01	13	-0.7	8.0	-5.9	2.1	2.9	4.1	6.7	9.1	13.0	61.4	0.0	10.9	0.8	4.3	W	0
01	14	1.2	10.2	-3.4	2.2	2.8	3.9	6.5	9.0	12.9	49.5	0.0	9.3	1.0	5.2	WNW	0
01	15	1.5	9.0	-3.5	2.4	2.8	3.8	6.3	8.9	12.8	61.2	0.0	11.2	0.8	5.5	SSE	0
01	16	1.7	10.1	-3.6	3.3	3.5	4.1	6.2	8.8	12.7	67.1	0.0	11.1	0.7	5.5	SSE	0
01	17	0.2	7.4	-4.1	2.7	3.3	4.1	6.2	8.7	12.7	69.3	0.0	7.2	0.7	4.7	SE	0
01	18	-0.2	4.7	-1.8	2.9	3.3	4.2	6.2	8.6	12.6	98.7	32.5	1.6	0.4	7.1	NW	0
01	19	-1.2	2.8	-6.5	2.6	3.0	4.0	6.2	8.5	12.5	53.4	2.5	10.7	2.1	9.7	WNW	42
01	20	-2.4	3.2	-8.3	2.4	2.9	3.9	6.1	8.4	12.5	61.8	0.0	6.9	1.8	8.9	WNW	0
01	21	-1.0	6.9	-6.3	2.4	2.8	3.8	6.0	8.3	12.4	62.6	2.0	10.9	0.7	4.0	SW	0
01	22	-0.9	7.2	-5.8	2.3	2.7	3.7	5.9	8.3	12.3	63.9	0.5	11.2	0.8	5.2	WSW	0
01	23	-3.0	3.9	-7.0	2.2	2.6	3.6	5.8	8.2	12.3	76.5	0.0	5.8	0.7	5.2	S	0
01	24	-4.0	0.8	-8.2	2.2	2.6	3.5	5.7	8.1	12.2	53.9	0.0	10.7	2.1	11.7	W	0
01	25	-3.0	4.9	-7.9	2.1	2.5	3.5	5.7	8.0	12.1	45.4	0.0	12.3	1.2	9.2	W	0
01	26	-2.1	6.6	-7.8	2.0	2.4	3.4	5.6	8.0	12.1	56.1	0.0	12.6	0.9	4.3	WSW	0
01	27	0.9	10.8	-5.5	1.8	2.3	3.3	5.5	7.9	12.0	55.6	0.0	12.6	0.9	4.1	WNW	0
01	28	2.1	11.3	-3.5	1.7	2.1	3.1	5.4	7.8	11.9	58.2	0.0	12.3	0.8	3.7	WNW	0
01	29	0.9	2.6	-0.8	1.7	2.1	3.0	5.2	7.7	11.9	89.4	6.0	1.8	0.3	3.7	NNE	0
01	30	-0.3	2.6	-1.9	1.8	2.1	3.0	5.1	7.6	11.8	98.2	5.5	2.6	0.0	1.3	SSW	1
01	31	0.8	6.6	-2.7	1.8	2.1	3.0	5.0	7.5	11.7	90.3	0.0	8.9	0.3	2.8	SW	0
計	Total											49.0					
平均	Mean	0.7	8.1	-3.7	2.8	3.3	4.2	6.4	8.8	12.8	66.0	1.6	8.9	0.8	5.1		1.4
最大	Max.	6.4	16.3	1.2	4.7	4.8	5.5	7.7	10.3	13.9	98.7	32.5	12.6	2.1	11.7		42.0
最低	Min.	-4.0	0.8	-8.3	1.7	2.1	3.0	5.0	7.5	11.7	45.4	0.0	1.6	0.0	1.3		0.0

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

2016年 02月

气象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
02	1	-0.6	2.1	-2.5	1.5	2.0	2.9	5.0	7.4	11.7	96.0	1.5	2.5	0.1	2.8	SSW	1
02	2	-0.6	7.3	-5.1	1.6	2.0	2.8	4.9	7.3	11.6	80.9	0.0	9.8	0.7	3.8	WSW	0
02	3	-1.6	6.6	-6.9	1.0	1.6	2.7	4.8	7.2	11.5	75.0	0.0	9.9	0.7	3.9	SW	0
02	4	-0.6	9.3	-6.6	1.3	1.6	2.5	4.7	7.1	11.4	72.3	0.0	13.3	0.8	3.7	SW	0
02	5	1.5	10.4	-3.9	1.8	1.8	2.5	4.5	6.9	11.4	67.9	0.0	12.8	0.9	3.7	W	0
02	6	1.0	7.3	-3.3	2.0	2.1	2.7	4.5	6.8	11.3	78.4	0.0	8.3	0.6	4.2	SE	0
02	7	-0.1	7.1	-3.8	3.0	2.7	3.0	4.5	6.7	11.1	63.5	0.0	13.6	1.1	6.4	SSE	0
02	8	-1.8	5.5	-7.0	3.2	3.1	3.4	4.6	6.6	11.0	81.2	0.0	13.5	0.7	5.9	S	0
02	9	0.6	7.9	-5.4	2.4	2.7	3.4	4.7	6.5	10.9	61.8	0.0	9.0	1.5	11.2	WNW	0
02	10	0.0	6.7	-4.4	2.6	2.7	3.3	4.7	6.5	10.8	51.5	0.0	14.6	1.4	9.4	W	0
02	11	0.4	10.2	-6.4	2.6	2.7	3.3	4.7	6.4	10.7	56.9	0.0	14.7	0.7	4.4	SSW	0
02	12	2.2	11.2	-4.1	3.0	3.0	3.4	4.7	6.4	10.6	69.5	0.0	12.2	0.7	4.0	SSW	0
02	13	6.2	12.4	0.3	4.1	3.8	3.9	4.8	6.3	10.6	77.1	0.0	7.8	0.6	5.0	N	0
02	14	9.9	18.2	4.6	6.3	5.3	4.7	5.0	6.2	10.4	91.0	28.5	10.3	0.9	7.8	NNE	0
02	15	1.3	8.5	-5.5	5.5	5.7	5.6	5.4	6.2	10.3	94.5	2.5	1.5	0.3	4.3	ESE	2
02	16	-1.7	5.8	-7.0	4.3	4.4	4.9	5.7	6.2	10.3	80.6	0.0	10.8	0.5	5.5	SSE	0
02	17	-0.2	8.6	-4.4	3.4	3.8	4.5	5.7	6.3	10.2	63.7	0.0	12.5	1.0	9.5	WSW	0
02	18	0.1	9.3	-6.3	3.2	3.5	4.2	5.6	6.4	10.1	67.4	0.0	15.8	0.7	9.5	S	0
02	19	4.8	15.6	-3.5	4.1	4.0	4.3	5.5	6.4	10.0	54.2	0.0	15.7	0.8	6.1	WSW	0
02	20	2.3	5.9	1.1	3.9	4.2	4.6	5.5	6.4	9.9	83.4	40.5	2.7	0.3	4.6	NW	0
02	21	5.5	14.3	-2.3	4.8	4.3	4.4	5.4	6.3	9.9	72.5	0.0	16.5	0.7	7.0	SSE	0
02	22	1.9	9.5	-2.8	4.7	4.7	4.9	5.5	6.3	9.7	69.2	0.0	14.7	0.6	6.2	SSE	0
02	23	3.3	11.9	-1.2	5.2	5.1	5.1	5.6	6.3	9.6	79.8	0.0	12.8	0.5	5.0	SSE	0
02	24	0.1	4.1	-3.1	4.4	4.7	5.1	5.8	6.3	9.6	75.1	1.0	4.2	0.6	5.3	SE	0
02	25	-1.3	5.6	-6.5	4.5	4.6	4.9	5.9	6.4	9.6	72.5	0.0	11.1	0.7	5.6	S	0
02	26	0.3	10.0	-5.9	3.8	4.2	4.7	5.8	6.4	9.5	55.5	0.0	16.4	1.0	6.7	W	0
02	27	2.3	10.7	-4.8	4.1	4.2	4.6	5.8	6.5	9.5	55.6	0.0	15.4	0.9	6.8	SW	0
02	28	4.9	13.3	-1.5	5.0	4.8	4.9	5.8	6.5	9.5	63.8	0.0	13.9	0.9	5.4	SE	0
02	29	4.3	14.5	-1.8	5.8	5.6	5.5	5.9	6.5	9.5	82.9	1.0	9.9	1.4	11.6	SE	0
計	Total											75.0					
平均	Mean	1.5	9.3	-3.8	3.6	3.6	4.0	5.2	6.5	10.4	72.2	2.6	11.2	0.8	6.0		0.1
最大	Max.	9.9	18.2	4.6	6.3	5.7	5.6	5.9	7.4	11.7	96.0	40.5	16.5	1.5	11.6		2.0
最低	Min.	-1.8	2.1	-7.0	1.0	1.6	2.5	4.5	6.2	9.5	51.5	0.0	1.5	0.1	2.8		0.0

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

2016年 03月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

月	日	気温 °C			平均地温 °C						湿度	降水量	日射量 日合計	風速 m/sec			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
03	1	-0.8	6.3	-5.4	5.4	5.5	5.7	6.1	6.5	9.4	57.1	0.0	17.8	1.4	8.2	SW	1
03	2	1.1	10.9	-6.0	4.7	4.9	5.4	6.2	6.6	9.4	52.3	0.0	18.3	0.8	4.9	SSE	0
03	3	5.0	16.0	-2.7	5.4	5.3	5.4	6.2	6.6	9.4	53.6	0.0	18.1	0.8	5.5	S	0
03	4	6.1	15.0	-0.4	6.2	6.0	5.9	6.3	6.6	9.4	63.0	0.0	17.1	0.7	6.0	S	0
03	5	6.8	15.0	1.4	7.4	6.8	6.5	6.5	6.7	9.4	77.8	0.0	14.7	0.8	6.3	SSE	0
03	6	8.9	17.1	3.9	8.2	7.6	7.2	6.8	6.7	9.3	83.2	0.0	10.2	1.0	11.1	NNW	0
03	7	8.9	11.2	7.0	8.1	7.8	7.5	7.1	6.8	9.3	95.1	1.5	3.1	0.1	2.6	WNW	0
03	8	11.9	21.0	4.7	9.3	8.5	7.9	7.4	6.8	9.3	80.6	0.0	16.8	0.6	5.7	SSE	0
03	9	5.5	10.4	0.5	8.7	8.7	8.5	7.8	6.9	9.3	94.4	22.5	1.1	0.1	3.4	ESE	0
03	10	1.1	2.5	-0.6	6.4	6.9	7.5	8.0	7.1	9.3	98.3	3.0	2.9	0.0	3.1	ESE	0
03	11	-0.5	1.4	-1.9	5.3	5.9	6.8	7.8	7.2	9.3	97.2	5.5	1.1	0.0	2.1	ESE	8
03	12	-0.8	0.7	-1.9	4.5	5.1	6.1	7.6	7.4	9.3	98.5	3.5	0.9	0.2	4.0	ESE	0
03	13	-0.2	1.2	-1.3	4.0	4.5	5.5	7.3	7.4	9.3	98.9	0.0	0.7	0.3	3.4	ESE	0
03	14	0.1	1.2	-0.9	3.6	4.1	5.1	7.0	7.4	9.3	99.8	10.0	0.8				0
03	15	1.3	8.2	-3.3	3.2	3.7	4.8	6.7	7.4	9.3	87.3	8.0	15.8	0.3	5.8	NNE	12
03	16	2.2	8.8	-2.9	3.0	3.4	4.3	6.3	7.3	9.3	84.7	0.0	13.6	0.4	5.1	SSE	0
03	17	8.1	19.2	1.3	5.6	4.9	4.8	6.1	7.2	9.3	64.1	0.0	20.6	0.5	4.2	SW	0
03	18	9.1	17.4	1.3	6.7	6.2	5.9	6.2	7.1	9.3	63.9	0.5	14.3	1.0	9.8	W	0
03	19	10.5	18.6	6.5	8.4	7.5	6.8	6.6	7.0	9.2	86.0	1.0	11.4	0.3	5.6	SSE	0
03	20	8.1	15.9	3.3	8.7	8.2	7.7	7.0	7.0	9.2	62.9	0.0	15.8	0.9	6.1	SE	0
03	21	4.9	13.6	-0.4	8.4	8.2	7.9	7.5	7.0	9.2	63.6	0.0	15.6	0.8	5.3	SE	0
03	22	5.5	15.1	-2.5	8.0	7.9	7.8	7.7	7.1	9.2	64.4	0.0	21.1	0.7	6.1	SSE	0
03	23	5.8	13.1	1.5	7.8	7.8	7.9	7.9	7.2	9.2	72.5	1.5	10.1	0.8	5.2	E	0
03	24	1.9	8.5	-2.0	7.3	7.5	7.7	8.0	7.3	9.2	88.1	3.0	8.2	0.3	5.2	ESE	0
03	25	1.7	11.2	-3.4	6.7	6.9	7.3	8.0	7.4	9.2	70.0	0.0	17.6	0.8	7.2	SSE	0
03	26	3.1	10.1	-1.7	7.4	7.3	7.4	7.9	7.5	9.2	80.2	0.5	13.0	0.5	4.6	SE	0
03	27	4.8	11.3	1.2	8.1	7.8	7.7	8.0	7.6	9.2	83.7	0.5	15.3	0.5	5.2	SE	0
03	28	5.1	12.2	2.0	8.1	8.0	8.0	8.1	7.6	9.2	89.7	4.0	7.9	0.4	4.0	SSW	0
03	29	7.7	16.2	1.1	8.9	8.4	8.1	8.3	7.6	9.2	81.2	0.0	19.3	0.5	5.7	SSE	0
03	30	9.7	19.0	2.6	9.8	9.3	8.8	8.4	7.7	9.2	70.5	0.0	17.4	0.6	5.2	SE	0
03	31	10.2	19.2	2.4	10.1	9.7	9.2	8.7	7.8	9.2	57.1	0.0	21.0	0.7	5.8	SSE	0
計	Total											65.0					
平均	Mean	4.9	11.8	0.1	6.9	6.8	6.9	7.3	7.1	9.3	78.0	2.1	12.3	0.6	5.4		0.7
最大	Max.	11.9	21.0	7.0	10.1	9.7	9.2	8.7	7.8	9.4	99.8	22.5	21.1				12
最低	Min.	-0.8	0.7	-6.0	3.0	3.4	4.3	6.1	6.5	9.2	52.3	0.0	0.7	0.0			0

2016年 04月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
04	1	9.3	18.4	3.5	10.1	9.8	9.5	9.0	7.9	9.2	69.3	0.0	14.6	0.8	5.9	ESE	0
04	2	6.2	11.6	3.0	9.9	9.8	9.6	9.2	8.0	9.2	90.1	0.0	10.5	0.7	5.8	ESE	0
04	3	11.2	18.6	4.7	10.7	10.2	9.8	9.4	8.1	9.2	75.0	0.0	14.4	1.7	9.0	WSW	0
04	4	12.5	17.0	9.4	11.5	10.8	10.3	9.6	8.2	9.2	91.0	9.5	8.8	0.4	5.2	E	0
04	5	7.0	9.5	3.7	10.9	10.8	10.7	9.9	8.3	9.3	99.9	1.0	2.9	0.1	3.4	ESE	0
04	6	9.9	19.9	1.7	10.8	10.4	10.3	10.1	8.5	9.3	72.6	0.0	19.4	0.5	6.0	SE	0
04	7	8.1	11.4	6.5	10.4	10.4	10.5	10.2	8.5	9.3	96.3	25.5	3.8	0.1	4.9	E	0
04	8	11.7	18.1	6.0	11.2	10.8	10.5	10.3	8.7	9.3	85.2	0.0	12.4	0.3	5.9	ESE	0
04	9	11.9	21.4	4.3	11.7	11.2	10.8	10.5	8.9	9.4	65.9	0.0	19.9	0.6	5.5	SE	0
04	10	12.1	18.6	6.6	11.5	11.4	11.2	10.6	9.0	9.4	57.0	0.0	11.2	0.7	4.4	N	0
04	11	7.5	15.1	-0.2	11.4	11.3	11.1	10.8	9.1	9.4	63.0	0.0	21.6	1.1	7.7	SE	0
04	12	5.8	13.8	-2.1	10.3	10.5	10.7	10.9	9.2	9.5	56.4	0.0	22.9	0.8	5.5	SE	0
04	13	9.6	16.3	2.6	10.8	10.7	10.7	10.9	9.3	9.5	72.4	1.5	13.8	1.5	10.7	WSW	0
04	14	12.8	20.5	8.7	12.1	11.4	11.1	10.9	9.4	9.5	90.6	9.0	11.7	0.2	3.7	ESE	0
04	15	11.4	18.8	4.3	12.2	12.0	11.6	11.1	9.5	9.6	46.4	0.0	24.4	1.2	9.6	W	0
04	16	10.6	17.4	3.3	11.7	11.6	11.5	11.3	9.6	9.6	59.7	0.0	19.1	0.8	7.6	SE	0
04	17	16.1	22.8	12.4	11.9	11.7	11.7	11.4	9.6	9.7	53.7	12.5	11.5	4.7	20.1	WNW	0
04	18	14.3	22.7	9.2	12.3	11.9	11.8	11.5	9.7	9.7	58.3	0.0	13.4	0.9	5.8	ENE	0
04	19	13.0	21.6	6.1	13.3	12.7	12.2	11.6	9.8	9.8	66.1	0.0	24.9	1.0	6.6	ESE	0
04	20	10.6	18.7	3.4	13.2	12.9	12.5	11.8	10.0	9.8	67.7	0.0	23.4	0.9	5.5	SSE	0
04	21	10.4	16.9	6.2	12.0	12.3	12.4	12.0	10.1	9.9	81.2	8.0	5.4	1.5	11.8	W	0
04	22	13.9	23.2	7.8	13.1	12.5	12.2	12.0	10.2	9.9	89.2	0.5	13.3	0.4	5.0	ESE	0
04	23	13.4	20.4	9.2	14.1	13.4	12.9	12.2	10.3	10.0	89.3	0.0	13.4	0.3	4.3	SSE	0
04	24	12.3	16.9	10.2	14.1	13.8	13.4	12.4	10.4	10.0	92.8	3.0	7.3	0.3	4.6	ESE	0
04	25	13.0	20.9	8.5	14.6	13.9	13.5	12.7	10.5	10.1	78.7	0.0	17.1	0.4	4.6	SE	0
04	26	15.5	24.2	7.4	15.1	14.4	13.8	12.9	10.6	10.1	71.7	0.0	23.1	0.6	5.7	SE	0
04	27	13.0	17.1	9.8	14.6	14.4	14.1	13.2	10.8	10.2	88.7	1.0	8.7	0.6	5.3	ESE	0
04	28	10.4	11.7	9.4	13.7	13.6	13.8	13.3	10.9	10.2	99.4	14.0	3.8	0.0	3.6	ESE	0
04	29	9.9	16.7	5.3	13.7	13.5	13.5	13.3	11.0	10.3	62.1	0.5	22.7	1.3	11.1	W	0
04	30	11.2	20.9	1.8	13.2	13.1	13.2	13.3	11.2	10.4	55.6	0.0	23.3	0.9	5.8	S	0
計	Total											86.0					
平均	Mean	11.2	18.0	5.8	12.2	11.9	11.7	11.3	9.5	9.7	74.8	2.9	14.8	0.8	6.7		0.0
最大	Max.	16.1	24.2	12.4	15.1	14.4	14.1	13.3	11.2	10.4	99.9	25.5	24.9	4.7	20.1		0.0
最低	Min.	5.8	9.5	-2.1	9.9	9.8	9.5	9.0	7.9	9.2	46.4	0.0	2.9	0.0	3.4		0.0

2016年 05月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
05	1	15.2	25.9	7.1	14.3	13.8	13.5	13.3	11.3	10.4	60.1	0.0	21.8	0.8	7.9	WSW	0
05	2	13.8	19.0	9.0	14.9	14.4	14.0	13.4	11.4	10.5	76.1	0.0	19.8	1.0	6.8	ESE	0
05	3	16.1	21.4	11.3	15.5	15.0	14.5	13.6	11.4	10.5	66.6	0.0	16.5	2.7	16.9	W	0
05	4	19.1	26.7	12.5	15.8	15.2	14.7	13.8	11.5	10.6	51.8	16.5	25.9	2.7	17.2	WNW	0
05	5	16.2	25.4	8.7	15.7	15.3	14.9	14.1	11.6	10.7	46.7	0.0	26.2	1.1	10.1	ESE	0
05	6	12.2	18.2	8.2	14.5	14.7	14.8	14.3	11.8	10.7	71.7	0.5	9.1	0.4	4.6	SE	0
05	7	17.8	26.8	10.3	15.7	15.0	14.7	14.3	11.9	10.8	71.5	0.0	20.7	0.8	8.2	ESE	0
05	8	16.4	24.2	9.2	16.0	15.6	15.2	14.4	12.0	10.9	50.6	0.0	24.6	0.8	5.7	SE	0
05	9	13.7	18.0	9.4	15.3	15.1	15.1	14.6	12.1	11.0	83.9	3.5	9.9	0.5	5.0	ESE	0
05	10	15.5	19.9	12.3	16.0	15.5	15.2	14.6	12.3	11.0	93.5	3.0	10.1	0.3	4.4	ESE	0
05	11	14.8	17.5	11.5	16.0	15.6	15.4	14.8	12.2	11.0	99.0	21.0	6.2	0.1	5.2	E	0
05	12	16.4	25.1	8.8	16.6	15.9	15.6	14.9	12.4	11.1	72.4	0.0	26.8	0.7	5.1	ESE	0
05	13	16.8	24.7	9.3	16.9	16.4	15.9	15.1	12.5	11.2	74.5	0.0	25.8	0.6	5.1	SE	0
05	14	16.7	24.4	11.6	17.1	16.7	16.2	15.3	12.7	11.3	74.3	0.0	18.0	0.4	4.3	SE	0
05	15	15.1	21.1	10.6	17.1	16.6	16.3	15.5	12.8	11.4	76.9	0.0	20.4	0.6	4.9	ESE	0
05	16	13.2	16.7	10.9	16.6	16.5	16.3	15.7	13.0	11.5	91.4	0.0	9.5	0.7	5.3	ESE	0
05	17	13.1	16.0	8.8	15.7	15.7	15.9	15.7	13.0	11.5	98.7	17.0	3.5	0.1	4.4	E	0
05	18	14.9	26.4	5.6	16.0	15.6	15.6	15.6	13.2	11.6	66.2	0.0	27.7	0.5	4.9	SE	0
05	19	15.8	23.8	8.9	16.4	16.1	15.9	15.6	13.3	11.7	65.3	0.0	24.3	0.6	5.0	SE	0
05	20	13.2	20.3	8.1	15.9	15.9	15.9	15.7	13.4	11.8	71.8	0.0	17.2	0.5	4.8	ESE	0
05	21	15.9	25.3	6.8	16.0	15.7	15.7	15.7	13.5	11.9	64.6	0.0	24.3	0.7	5.8	ESE	0
05	22	18.3	27.0	10.1	16.9	16.4	16.1	15.7	13.6	12.0	56.5	0.0	26.0	0.7	4.1	SSW	0
05	23	20.1	28.9	12.7	17.4	16.8	16.4	15.8	13.6	12.0	53.3	0.0	23.8	0.6	4.6	SE	0
05	24	20.5	27.2	13.7	17.8	17.2	16.8	16.0	13.7	12.1	54.0	0.0	18.3	0.9	7.1	NNW	0
05	25	17.1	20.8	13.6	17.0	16.9	16.8	16.2	13.8	12.2	72.8	0.0	6.3	0.5	5.9	E	0
05	26	20.3	28.1	11.9	18.3	17.3	16.8	16.3	13.9	12.3	75.8	0.0	25.1	0.7	5.4	ESE	0
05	27	17.3	21.8	11.3	18.4	18.0	17.6	16.4	14.0	12.3	89.8	3.0	9.1	0.3	5.6	E	0
05	28	15.2	21.2	10.5	17.0	17.1	17.1	16.6	14.1	12.4	76.8	0.0	11.3	0.4	5.0	SSE	0
05	29	18.2	25.6	11.3	17.7	17.2	17.0	16.6	14.2	12.5	74.5	0.5	20.4	0.5	5.2	SSE	0
05	30	11.9	15.4	9.9	16.6	16.8	17.0	16.7	14.3	12.6	96.8	9.0	4.7	0.1	3.8	WNW	0
05	31	17.1	24.5	10.8	17.6	17.0	16.7	16.6	14.3	12.6	86.5	0.0	23.0	0.5	5.2	SE	0
計	Total											74.0					
平均	Mean	16.1	22.8	10.2	16.4	16.0	15.8	15.3	12.9	11.5	73.0	2.4	17.9	0.7	6.2		0.0
最大	Max.	20.5	28.9	13.7	18.4	18.0	17.6	16.7	14.3	12.6	99.0	21.0	27.7	2.7	17.2		0.0
最低	Min.	11.9	15.4	5.6	14.3	13.8	13.5	13.3	11.3	10.4	46.7	0.0	3.5	0.1	3.8		0.0

2016年 06月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
06	1	16.3	23.8	9.9	18.2	17.7	17.4	16.7	14.4	12.7	67.0	0.0	25.0	1.0	6.1	ESE	0
06	2	14.3	22.8	7.8	17.1	17.2	17.2	16.8	14.5	12.8	53.8	0.0	27.9	1.3	9.2	W	0
06	3	14.6	23.1	5.7	16.5	16.6	16.8	16.8	14.6	12.9	60.0	0.0	23.1	0.6	4.5	S	0
06	4	17.4	24.9	9.4	17.0	16.8	16.8	16.8	14.7	12.9	68.0	0.0	18.6	0.6	7.4	SW	0
06	5	17.2	24.2	12.2	17.5	17.3	17.1	16.8	14.8	13.0	72.0	1.0	15.8	0.4	3.3	SW	0
06	6	15.2	17.8	11.2	16.8	16.9	17.0	16.8	14.9	13.1	85.3	0.0	6.9	0.4	4.0	ESE	0
06	7	15.3	17.1	14.3	16.8	16.8	16.9	16.8	14.9	13.1	95.3	0.0	4.0	0.2	4.4	ESE	0
06	8	16.7	18.9	14.4	17.0	16.8	16.9	16.8	14.9	13.2	91.5	0.0	4.7	0.1	2.8	ESE	0
06	9	17.6	21.9	14.7	17.3	17.0	16.9	16.8	15.0	13.3	90.0	4.0	7.3	0.1	3.7	ESE	0
06	10	20.1	28.5	13.8	18.7	17.9	17.4	16.8	15.0	13.3	77.0	0.0	24.2	0.4	5.6	ESE	0
06	11	20.3	27.2	14.8	19.4	18.7	18.1	17.1	15.0	13.4	75.6	0.0	20.1	0.5	4.9	SSE	0
06	12	19.3	25.6	13.6	19.2	18.8	18.4	17.3	15.1	13.5	76.4	0.5	16.6	0.4	4.0	ESE	0
06	13	15.4	17.1	14.6	17.7	17.7	17.9	17.5	15.0	13.5	98.4	45.5	4.1	0.0	2.3	ESE	0
06	14	18.3	24.4	14.2	18.5	17.9	17.7	17.5	15.1	13.5	91.2	4.5	14.1	0.3	4.9	ESE	0
06	15	16.1	17.7	14.8	18.5	18.2	18.1	17.6	15.2	13.6	98.2	1.0	5.1	0.1	3.6	ESE	0
06	16	16.1	17.5	14.9	17.9	17.8	17.9	17.7	15.3	13.6	98.9	1.5	3.1	0.0	1.7	ESE	0
06	17	19.9	28.4	15.1	19.2	18.4	18.1	17.7	15.4	13.7	86.8	0.5	19.4	0.4	5.1	ESE	0
06	18	21.0	30.8	12.9	19.6	19.0	18.7	17.9	15.5	13.8	68.2	0.0	26.6	0.5	5.1	SSE	0
06	19	19.3	24.0	15.8	19.4	19.1	18.9	18.1	15.6	13.8	84.5	0.0	10.5	0.3	5.0	ESE	0
06	20	21.3	27.9	15.9	20.0	19.4	19.0	18.3	15.7	13.9	78.8	0.0	18.2	0.5	5.7	ESE	0
06	21	18.0	21.5	16.4	19.4	19.2	19.2	18.5	15.8	13.9	93.5	3.5	5.7	0.1	3.1	ESE	0
06	22	18.2	21.5	15.2	19.3	19.0	19.0	18.5	15.9	14.0	94.4	0.0	6.1	0.3	3.5	ESE	0
06	23	18.7	22.5	15.2	19.7	19.3	19.1	18.6	15.9	14.0	96.7	6.0	6.6	0.1	2.6	S	0
06	24	16.6	19.5	13.2	19.0	18.9	19.0	18.7	16.0	14.1	94.5	3.0	5.5	0.2	3.7	ESE	0
06	25	20.0	27.3	16.1	20.3	19.4	19.1	18.7	16.1	14.1	88.5	0.5	12.2	0.1	3.7	N	0
06	26	19.0	24.4	14.8	19.8	19.6	19.4	18.8	16.2	14.2	78.5	0.0	10.8	0.2	3.7	S	0
06	27	19.8	26.5	13.2	20.6	19.9	19.4	18.9	16.3	14.3	77.2	0.0	21.1	0.5	5.1	SE	0
06	28	15.6	17.6	13.8	19.5	19.6	19.6	19.1	16.3	14.3	96.7	9.0	4.1	0.0	2.5	E	0
06	29	16.8	20.0	15.2	19.1	19.0	19.2	19.1	16.4	14.4	97.3	0.0	4.2	0.0	2.7	ESE	0
06	30	19.3	23.7	16.3	20.1	19.5	19.3	19.1	16.5	14.5	93.3	0.0	9.0	0.1	3.7	ESE	0
計	Total											80.5					
平均	Mean	17.8	22.9	13.6	18.6	18.3	18.2	17.8	15.4	13.6	84.2	2.7	12.7	0.3	4.2		0.0
最大	Max.	21.3	30.8	16.4	20.6	19.9	19.6	19.1	16.5	14.5	98.9	45.5	27.9	1.3	9.2		0.0
最低	Min.	14.3	17.1	5.7	16.5	16.6	16.8	16.7	14.4	12.7	53.8	0.0	3.1	0.0	1.7		0.0

2016年 07月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

月	日	気温 °C			平均地温 °C						湿度	降水量	日射量 日合計	風速 m/sec			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均	最高	最低	0.0	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m ²	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
07	1	22.4	30.2	17.5	21.9	20.8	20.0	19.2	16.5	14.5	83.1	0.0	18.3	0.3	4.2	SSE	0.0
07	2	22.7	28.7	18.6	22.2	21.5	20.7	19.4	16.6	14.6	83.6	0.0	12.1	0.3	3.9	SE	0.0
07	3	25.1	33.6	20.6								0.0					0.0
07	4	22.8	30.6	18.3	22.7	22.1	21.4	20.0	16.8	14.7	82.5	1.5	14.6	0.4	4.7	ESE	0.0
07	5	18.1	25.3	15.6	21.5	21.5	21.4	20.3	17.0	14.8	96.5	3.5	5.5	0.2	6.0	ESE	0.0
07	6	20.0	28.4	15.4	21.6	21.1	20.9	20.4	17.1	14.8	90.4	0.0	14.4	0.1	2.5	S	0.0
07	7	25.0	33.3	18.4	22.8	22.0	21.3	20.4	17.2	14.9	73.6	0.0	20.2	0.5	4.9	SE	0.0
07	8	22.3	26.3	17.6	22.9	22.4	21.9	20.6	17.3	15.0	87.4	0.0	11.7	0.2	3.3	SE	0.0
07	9	19.3	21.3	17.0	21.8	21.7	21.7	20.8	17.5	15.0	96.8	4.0	4.1	0.1	2.7	ESE	0.0
07	10	22.9	30.5	15.8	22.6	21.8	21.5	20.9	17.6	15.1	81.6	0.0	21.8	0.0	1.0	ESE	0.0
07	11	23.9	31.1	18.3								0.0					0.0
07	12	24.1	31.3	17.7	23.8	23.1	22.5	21.2	17.8	15.3	76.0	0.0	21.4	0.2	4.9	ESE	0.0
07	13	21.4	23.0	19.9	23.1	22.9	22.7	21.5	17.9	15.3	96.8	6.5	3.2	0.0	2.3	SE	0.0
07	14	21.5	29.2	17.8	23.3	22.7	22.4	21.6	17.9	15.4	93.7	20.0	14.3	0.2	5.8	E	0.0
07	15	18.7	22.9	17.3	22.2	22.2	22.3	21.7	18.1	15.4	97.8	9.5	7.7	0.2	4.9	E	0.0
07	16	18.8	20.6	17.2	21.8	21.8	21.9	21.8	18.3	15.5	96.5	0.0	5.4	0.0	2.2	ESE	0.0
07	17	21.9	26.6	17.6	22.6	22.0	21.9	21.7	18.4	15.6	89.9	0.0	12.9	0.2	3.7	ESE	0.0
07	18	24.4	30.8	20.4	24.0	23.2	22.5	21.7	18.5	15.7	86.2	0.5	17.6	0.3	4.9	ESE	0.0
07	19	23.4	29.1	19.9	24.2	23.6	23.1	22.0	18.6	15.8	82.8	0.0	17.1	0.4	4.2	ESE	0.0
07	20	22.7	28.0	19.5	23.8	23.4	23.1	22.2	18.8	15.9	84.0	0.0	13.7	0.5	4.6	ESE	0.0
07	21	18.4	19.9	17.3	22.5	22.7	22.8	22.3	18.9	16.0	98.3	6.5	4.0	0.2	3.3	ESE	0.0
07	22	17.1	19.0	15.7	21.3	21.5	22.1	22.2	19.0	16.0	99.4	6.5	4.6	0.0	3.2	ESE	0.0
07	23	16.8	20.5	15.3	21.0	21.1	21.6	22.1	19.1	16.1	97.4	1.0	6.8	0.2	4.8	ESE	0.0
07	24	19.5	25.8	15.1	21.7	21.4	21.5	21.9	19.2	16.2	89.2	0.0	17.5	0.4	5.5	ESE	0.0
07	25	21.0	27.1	17.0	22.6	22.2	22.0	21.8	19.2	16.3	87.1	0.0	18.6	0.5	5.5	ESE	0.0
07	26	18.9	19.7	18.3	21.7	21.8	22.0	21.9	19.2	16.3	99.1	9.0	2.1	0.0	2.3	E	0.0
07	27	19.6	21.9	17.3	21.5	21.4	21.7	21.9	19.2	16.4	96.3	0.5	6.4	0.1	3.1	ESE	0.0
07	28	22.3	28.2	18.4	22.5	22.0	21.8	21.8	19.2	16.5	89.0	0.5	15.0	0.4	5.5	ESE	0.0
07	29	23.0	29.7	17.8	23.1	22.5	22.3	21.9	19.3	16.6	84.2	0.0	17.9	0.4	4.1	SE	0.0
07	30	23.7	31.2	17.9	23.5	23.0	22.6	22.0	19.3	16.7	77.0	0.0	23.3	0.4	4.1	SSE	0.0
07	31	23.9	30.3	17.3	23.4	23.1	22.8	22.2	19.4	16.8	74.7	0.0	22.2	0.6	4.8	ESE	0.0
計	Total											69.5					
平均	Mean	21.5	26.9	17.7	22.5	22.2	21.9	21.4	18.2	15.6	88.7	2.2	12.9	0.2	4.0		0.0
最大	Max.	25.1	33.6	20.6								20.0					0.0
最低	Min.	16.8	19.0	15.1								0.0		0.0			0.0

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

気温 (Air Temperature): 3, 11

降水量 (precipitation): 3, 11

2016年 08月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
08	1	24.0	30.2	19.6	23.9	23.4	23.1	22.4	19.5	16.9	82.7	1.0	16.1	0.4	5.4	ESE	0.0
08	2	21.4	27.0	17.9	22.4	22.6	22.9	22.7	19.5	16.9	94.0	117.5	9.2	0.2	6.4	E	0.0
08	3	21.7	28.2	17.4	21.7	21.5	21.8	22.9	20.2	17.3	91.1	0.0	13.7	0.2	4.2	SE	0.0
08	4	24.0	31.1	18.2	23.2	22.7	22.6	22.7	20.3	17.4	83.9	0.0	18.5	0.4	5.9	SE	0.0
08	5	24.8	32.2	19.5	23.9	23.4	23.1	22.8	20.3	17.5	82.7	0.0	17.8	0.3	3.6	S	0.0
08	6	25.4	32.0	19.9	24.2	23.8	23.5	23.0	20.3	17.5	77.6	0.0	19.8	0.5	4.9	S	0.0
08	7	24.6	30.0	20.1	24.3	24.0	23.8	23.2	20.4	17.6	80.1	0.0	17.0	0.4	4.7	SE	0.0
08	8	23.8	30.1	18.0	23.8	23.7	23.7	23.3	20.5	17.7	76.9	0.0	16.4	0.5	5.3	SE	0.0
08	9	26.6	33.6	21.7								0.0					0.0
08	10	24.3	30.8	19.1	24.3	24.1	23.9	23.4	20.7	17.9	78.4	0.0	17.9	0.6	4.8	ESE	0.0
08	11	23.3	28.6	19.8	24.3	24.2	24.1	23.5	20.8	17.9	83.4	0.0	14.2	0.6	5.0	ESE	0.0
08	12	21.9	25.4	19.3	23.8	23.9	24.0	23.6	20.9	18.0	87.7	0.0	8.4	0.3	4.6	ESE	0.0
08	13	23.1	29.6	18.9	24.0	23.9	23.8	23.6	21.0	18.1	82.5	0.0	17.2	0.5	5.2	ESE	0.0
08	14	21.4	27.5	18.1	23.7	23.8	23.9	23.6	21.0	18.1	87.4	0.0	13.9	0.5	3.9	ESE	0.0
08	15	21.0	24.1	19.4	23.3	23.5	23.7	23.6	21.1	18.2	93.2	3.0	6.9	0.3	4.6	ESE	0.0
08	16	21.0	26.1	18.6	22.9	23.0	23.4	23.5	21.0	18.2	94.3	20.0	7.8	0.1	4.8	SE	0.0
08	17	23.5	31.9	18.5	23.0	22.8	23.0	23.4	20.9	18.2	89.1	29.5	14.0	0.4	5.3	ENE	0.0
08	18	22.3	27.5	20.3	22.9	22.8	23.0	23.4	20.9	18.1	96.7	29.0	7.9	0.2	4.8	ESE	0.0
08	19	22.2	27.1	20.4	23.1	22.9	23.1	23.4	20.9	18.2	94.6	7.0	9.6	0.1	2.8	E	0.0
08	20	20.9	23.0	19.1	22.7	22.7	23.1	23.5	20.9	18.3	98.5	18.0	4.3	0.0	2.3	E	0.0
08	21	23.4	29.9	18.0	23.3	22.9	23.1	23.5	21.1	18.5	89.7	0.5	18.0	0.3	4.6	ESE	0.0
08	22	19.9	22.0	18.6	21.2	21.6	22.3	23.6	21.4	18.7	99.2	138.5	1.0	0.0	5.0	W	0.0
08	23	21.6	29.2	17.5	21.0	20.8	21.3	23.2	21.9	19.4	90.9	7.0	13.7	0.3	5.6	ESE	0.0
08	24	20.5	22.6	18.1	21.6	21.6	21.9	23.0	21.8	19.4	97.9	0.0	4.7	0.1	3.1	ESE	0.0
08	25	22.6	28.1	18.9	22.5	22.1	22.3	23.0	21.7	19.5	91.3	0.0	13.6	0.4	3.7	ESE	0.0
08	26	23.3	29.0	19.1	23.3	22.8	22.8	23.1	21.6	19.5	86.9	0.0	18.0	0.4	3.8	SSE	0.0
08	27	19.9	21.5	17.9	22.2	22.4	22.8	23.2	21.5	19.5	97.9	37.5	2.5	0.1	4.0	E	0.0
08	28	18.1	19.6	17.2	21.2	21.5	22.2	23.3	21.6	19.6	99.3	14.5	4.0	0.1	3.9	ESE	0.0
08	29	20.4	26.1	17.8	21.5	21.5	22.0	23.1	21.6	19.7	96.9	44.0	10.1	0.1	4.3	ESE	0.0
08	30	19.2	21.5	14.2	20.5	20.6	21.1	22.7	21.8	20.2	98.6	131.5	4.3	0.2	6.4	E	0.0
08	31	18.9	27.2	13.1	20.4	20.5	21.1	22.5	21.9	20.6	85.6	0.0	18.5	0.4	4.1	SW	0.0
計	Total											598.5					
平均	Mean	22.2	27.5	18.5	22.8	22.7	22.9	23.2	20.9	18.4	89.6	19.3	12.0	0.3	4.6		0.0
最大	Max.	26.6	33.6	21.7								138.5					0.0
最低	Min.	18.1	19.6	13.1								0.0		0.0			0.0

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

気温 (Air Temperature): 9

降水量 (precipitation): 9

2016年 09月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均	最高	最低	0.0	0.1	0.2	0.5	1.0	2.0m deep	Hum. %	Prec. mm	MJ/m ²	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
09	1	20.2	28.8	13.8	20.8	20.8	21.3	22.5	21.8	20.6	76.2	0.0	20.2	0.4	4.0	S	0.0
09	2	21.3	27.8	15.7	21.5	21.3	21.6	22.5	21.7	20.6	83.0	0.0	17.3	0.4	4.1	SE	0.0
09	3	21.8	26.9	18.0	22.1	21.8	22.0	22.5	21.7	20.5	86.8	0.5	13.4	0.4	4.0	ESE	0.0
09	4	21.1	25.1	18.7	22.2	22.1	22.2	22.7	21.6	20.5	95.1	2.0	6.7	0.1	3.7	SSE	0.0
09	5	22.3	27.9	17.5	22.5	22.2	22.4	22.8	21.6	20.5	88.2	0.0	14.5	0.4	4.3	SSE	0.0
09	6	23.4	30.7	18.3	23.0	22.6	22.7	22.9	21.6	20.5	84.8	0.0	15.8	0.5	4.0	SSW	0.0
09	7	23.5	29.7	19.5	23.3	23.0	23.0	23.0	21.6	20.5	86.8	0.5	14.1	0.4	4.3	S	0.0
09	8	20.7	23.1	18.7	22.4	22.4	22.8	23.2	21.4	20.3	99.0	31.5	4.6	0.1	4.7	ESE	0.0
09	9	21.1	26.8	16.8	22.3	22.4	22.7	23.2	21.5	20.3	89.8	0.0	13.3	0.3	4.1	SE	0.0
09	10	21.4	27.0	17.7	22.6	22.5	22.7	23.2	21.6	20.3	85.0	0.0	16.9	0.4	3.7	SE	0.0
09	11	20.2	24.4	17.0	22.2	22.3	22.7	23.2	21.6	20.3	89.6	0.0	8.4	0.4	4.2	ESE	0.0
09	12	19.0	21.4	17.9	21.7	21.9	22.5	23.2	21.6	20.3	95.5	0.5	2.7	0.1	3.4	ESE	0.0
09	13	18.9	21.1	17.6	20.6	20.9	21.7	23.0	21.6	20.2	98.8	43.5	4.2	0.0	3.2	E	0.0
09	14	19.1	21.2	17.3	20.9	21.0	21.5	22.8	21.6	20.3	97.5	0.5	4.9	0.0	2.9	ESE	0.0
09	15	19.7	22.8	17.4	21.2	21.2	21.7	22.7	21.6	20.3	94.9	0.5	6.9	0.1	3.3	E	0.0
09	16	18.1	20.8	16.1	20.8	21.1	21.6	22.6	21.6	20.3	96.4	0.0	3.8	0.2	3.4	ESE	0.0
09	17	19.8	26.7	15.1	21.5	21.3	21.6	22.5	21.5	20.4	87.1	0.0	12.2	0.2	3.4	SW	0.0
09	18	18.6	19.8	18.0	21.1	21.3	21.7	22.5	21.4	20.3	99.4	15.5	2.1	0.0	2.3	E	0.0
09	19	17.5	18.8	15.5	20.2	20.6	21.3	22.5	21.3	20.3	100.0	37.0	1.9	0.0	2.2	ESE	0.0
09	20	15.1	16.2	13.9	17.9	18.7	20.0	22.1	21.3	20.4	100.0	93.0	2.1	0.0	4.8	E	0.0
09	21	14.6	15.5	13.6	17.1	17.5	18.6	21.3	21.4	20.7	99.9	2.0	2.2	0.0	2.1	E	0.0
09	22	15.6	16.8	14.5								14.5					0.0
09	23	16.7	18.3	15.2	18.3	18.3	18.9	20.7	21.1	20.7	100.0	10.0	2.2				0.0
09	24	16.5	17.8	14.6	18.6	18.7	19.1	20.6	20.9	20.7	100.0	2.5	1.8	0.0	4.9	NNW	0.0
09	25	18.7	25.4	12.8	19.8	19.3	19.3	20.6	20.7	20.7	89.4	0.0	15.4	0.2	3.4	SE	0.0
09	26	20.4	26.0	17.2	21.0	20.4	20.2	20.7	20.6	20.6	91.6	0.0	9.5	0.3	3.7	ESE	0.0
09	27	21.4	26.8	18.4	22.2	21.4	20.9	20.9	20.5	20.6	91.7	0.0	0.7	0.2	3.3	ESE	0.0
09	28	20.8	25.8	17.5	21.6	21.4	21.3	21.2	20.4	20.5	93.0	4.0	6.3	0.1	3.4	ESE	0.0
09	29	19.4	22.6	15.3	21.5	21.3	21.3	21.5	20.4	20.5	96.2	0.0	4.3	0.3	4.5	E	0.0
09	30	14.7	15.5	13.5	19.7	20.2	20.9	21.6	20.4	20.4	96.1	0.0	2.8	0.2	3.3	ESE	0.0
計	Total											258.0					
平均	Mean	19.4	23.2	16.4	21.0	21.0	21.4	22.2	21.3	20.4	92.8	8.6	8.0	0.2	3.7		0.0
最大	Max.	23.5	30.7	19.5							100.0	93.0					0
最低	Min.	14.6	15.5	12.8								0.0		0.0			0

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

気温 (Air Temperature): 22

降水量 (precipitation): 22

2016年 10月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

月	日	気温 °C			平均地温 °C						湿度	降水量	日射量 日合計	風速 m/sec			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
10	1	16.0	19.0	13.8	19.3	19.5	20.2	21.4	20.4	20.4	96.1	0.5	4.8	0.1	3.4	ESE	0.0
10	2	19.5	26.0	15.3	20.4	20.0	20.3	21.2	20.4	20.3	91.4	0.0	8.8	0.2	5.1	SE	0.0
10	3	17.8	19.3	15.5	20.1	20.3	20.6	21.2	20.4	20.2	98.9	3.5	1.8	0.0	2.4	W	0.0
10	4	19.6	28.1	14.4	20.5	20.2	20.4	21.2	20.4	20.2	84.7	0.0	13.9	0.2	3.4	SSW	0.0
10	5	17.1	23.5	13.6	19.7	20.0	20.4	21.2	20.3	20.2	92.4	0.0	6.9	1.3	14.8	ESE	0.0
10	6	20.8	28.5	16.4	20.6	20.3	20.4	21.1	20.3	20.1	73.5	0.0	14.6	0.8	5.5	E	0.0
10	7	15.6	21.6	11.2	19.8	20.1	20.5	21.2	20.3	20.1	74.5	0.0	13.4	0.8	5.3	SW	0.0
10	8	16.9	24.5	12.3	19.5	19.5	20.0	21.1	20.3	20.1	88.4	0.5	10.8	0.6	7.7	E	0.0
10	9	17.1	21.6	11.6	19.2	19.5	20.0	21.0	20.2	20.0	87.6	8.0	3.9	0.6	7.8	N	0.0
10	10	12.6	16.0	10.6	17.9	18.4	19.4	20.9	20.2	20.0	89.1	0.0	6.0	0.3	4.0	ESE	0.0
10	11	10.5	11.8	9.3	16.7	17.5	18.7	20.6	20.2	19.9	97.7	0.5	2.6	0.1	3.1	ESE	0.0
10	12	12.5	20.7	7.4	16.6	17.1	18.1	20.2	20.1	19.9	82.6	0.0	13.0	0.4	3.9	SSW	0.0
10	13	10.1	12.1	8.4	15.6	16.6	17.8	19.9	20.1	19.9	94.1	0.0	2.8	0.2	3.4	ESE	0.0
10	14	10.8	16.5	6.3	15.8	16.3	17.3	19.6	19.9	19.8	86.8	0.0	11.3	0.3	3.6	SSE	0.0
10	15	11.5	20.2	5.8								0.0					0.0
10	16	12.8	21.1	6.5	15.5	16.0	16.9	19.0	19.7	19.8	80.3	0.0	13.3	0.5	4.4	SW	0.0
10	17	13.1	15.5	11.2	15.4	15.9	16.8	18.8	19.4	19.7	97.8	15.5	2.4	0.0	2.6	ENE	0.0
10	18	17.6	25.6	11.9	17.1	16.8	17.0	18.6	19.3	19.7	86.2	0.0	14.7	0.5	3.7	SW	0.0
10	19	16.8	21.7	13.6	17.9	17.8	17.8	18.7	19.1	19.6	90.6	0.0	8.7	0.5	4.3	ESE	0.0
10	20	16.2	24.9	10.4	17.8	17.9	18.0	18.8	19.0	19.6	80.9	0.0	14.8	0.6	4.9	SW	0.0
10	21	12.0	19.0	7.1	16.1	16.9	17.7	18.9	19.0	19.5	77.2	0.0	10.3	0.3	4.2	WSW	0.0
10	22	11.4	17.8	6.8	15.3	16.0	17.0	18.8	18.9	19.5	88.3	0.0	9.5	0.4	4.9	SE	0.0
10	23	12.5	20.2	8.9	15.2	15.9	16.7	18.5	18.9	19.5	83.5	0.0	7.7	0.3	4.5	ESE	0.0
10	24	10.0	17.2	4.8	14.7	15.5	16.4	18.3	18.8	19.4	79.3	0.0	13.5	0.5	4.7	SSE	0.0
10	25	7.4	11.6	3.7	12.9	14.2	15.7	18.1	18.7	19.4	87.9	1.0	4.8	0.5	8.0	ESE	0.0
10	26	15.5	24.5	6.8	14.6	14.7	15.4	17.7	18.6	19.3	83.6	0.0	14.1	0.4	5.1	S	0.0
10	27	13.4	19.8	7.4								0.5					0.0
10	28	8.2	10.3	6.6	13.2	14.3	15.6	17.6	18.3	19.2	91.0	11.5	1.6	0.1	3.3	E	0.0
10	29	12.2	19.0	6.7	14.0	14.3	15.0	17.3	18.1	19.1	78.5	0.0	11.4	0.8	7.7	SW	0.0
10	30	7.5	11.3	5.9	13.4	14.1	15.1	17.1	18.0	19.0	87.7	0.0	4.8	0.1	4.7	ESE	0.0
10	31	8.7	13.2	5.1	13.0	13.7	14.7	17.0	17.9	19.0	87.8	0.0	7.4	0.3	4.3	SE	0.0
計	Total											41.5					
平均	Mean	13.7	19.4	9.5	16.8	17.2	17.9	19.5	19.5	19.7	86.8	1.3	8.7	0.4	5.0		0.0
最大	Max.	20.8	28.5	16.4								15.5					0.0
最低	Min.	7.4	10.3	3.7								0.0		0.0			0.0

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

気温 (Air Temperature): 15, 27

降水量 (precipitation): 15, 27

2016年 11月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

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			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
Date		平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
11	1	9.5	17.4	6.3	13.1	13.6	14.6	16.7	17.8	18.9	85.4	1.5	7.0	0.2	4.7	ESE	0
11	2	6.1	7.9	5.0	12.1	13.0	14.3	16.6	17.7	18.9	85.8	0.0	2.1	0.1	2.7	ESE	0
11	3	8.2	17.2	2.8	12.1	12.8	13.8	16.3	17.6	18.8	74.9	0.0	12.9	0.6	5.5	S	0
11	4	7.5	16.1	1.7	11.2	12.2	13.5	16.1	17.4	18.8	70.2	0.0	12.9	0.6	3.9	SSW	0
11	5	9.2	19.0	2.3	11.3	12.1	13.2	15.8	17.3	18.7	76.2	0.0	12.9	0.4	4.4	SSW	0
11	6	9.9	18.8	3.8	11.5	12.3	13.2	15.6	17.1	18.7	69.7	0.0	11.9	0.6	4.9	SSW	0
11	7	6.4	12.0	3.4	11.5	12.2	13.2	15.4	17.0	18.6	82.7	0.0	10.2	0.4	5.3	SE	0
11	8	6.7	15.1	1.4	10.9	11.7	12.8	15.3	16.8	18.5	86.2	0.5	7.3	0.3	4.4	SSE	0
11	9	5.2	12.3	-1.7	10.8	11.7	12.7	15.1	16.7	18.4	67.3	0.5	12.7	1.0	8.2	WSW	0
11	10	2.3	7.0	-1.8	8.9	10.3	12.0	14.9	16.6	18.4	77.7	1.0	4.4	0.3	4.0	SE	0
11	11	5.2	8.2	2.0	8.0	9.1	10.7	14.4	16.4	18.3	99.1	28.5	2.2	0.1	3.5	WSW	0
11	12	8.6	16.9	4.2	9.5	9.9	10.8	13.8	16.2	18.2	88.0	0.0	11.7	0.4	4.0	SSW	0
11	13	9.1	18.3	3.1	9.8	10.4	11.2	13.7	15.9	18.1	73.5	0.0	11.6	0.4	3.3	SW	0
11	14	9.2	13.3	6.3	10.2	10.6	11.4	13.6	15.7	18.0	87.6	4.5	3.9	0.3	4.6	E	0
11	15	11.7	18.7	6.6	11.5	11.5	11.8	13.6	15.5	17.9	92.8	3.0	7.1	0.1	2.5	SW	0
11	16	6.9	14.9	2.4	10.5	11.2	12.0	13.7	15.4	17.8	81.1	0.0	11.4	0.5	4.5	S	0
11	17	7.3	17.4	2.2	9.8	10.6	11.6	13.6	15.2	17.8	79.0	0.0	10.3	0.5	4.9	S	0
11	18	5.1	12.8	-0.3	8.9	9.9	11.2	13.5	15.1	17.7	78.5	0.0	11.0	0.5	4.9	S	0
11	19	6.6	8.8	3.4	8.9	9.6	10.8	13.3	15.0	17.6	97.5	7.0	1.5	0.1	4.7	E	0
11	20	11.4	18.1	7.1	10.0	10.1	10.8	13.1	14.9	17.5	88.9	0.0	8.1	0.2	3.4	SSW	0
11	21	8.1	10.3	6.7	9.9	10.4	11.2	13.0	14.7	17.4	98.4	1.0	1.7	0.2	3.2	E	0
11	22	11.9	19.7	7.0	11.2	11.0	11.3	13.0	14.6	17.3	89.5	0.0	10.0	0.3	4.8	S	0
11	23	5.8	8.9	2.0	10.5	11.1	11.7	13.1	14.5	17.2	82.5	0.0	2.8	0.3	3.6	ESE	0
11	24	-0.5	2.4	-2.8	7.9	9.3	10.9	13.1	14.4	17.1	96.6	12.0	0.3	0.0	1.7	E	0
11	25	0.4	6.4	-3.7	6.6	7.9	9.7	12.8	14.4	17.0	92.0	0.5	9.2	0.3	3.6	S	13
11	26	2.3	9.0	-1.6	6.2	7.3	8.9	12.2	14.3	17.0	91.2	0.0	8.4	0.4	4.6	S	0
11	27	6.5	13.4	1.5	7.8	8.1	9.0	11.8	14.1	16.9	95.0	10.0	4.9	0.1	4.1	WSW	0
11	28	5.4	12.2	-0.3	8.2	8.7	9.4	11.6	13.9	16.7	84.6	1.5	6.2	0.5	6.8	W	0
11	29	3.3	12.2	-1.0	6.8	7.8	9.0	11.5	13.7	16.7	74.1	0.0	10.3	0.6	5.7	WSW	0
11	30	1.9	7.6	-2.6	5.9	7.0	8.5	11.3	13.5	16.6	81.3	0.0	7.6	0.4	5.4	SSE	0
計	Total											71.5					13
平均	Mean	6.6	13.1	2.2	9.7	10.4	11.5	13.9	15.6	17.9	84.2	2.4	7.8	0.4	4.4		0.4
最大	Max.	11.9	19.7	7.1	13.1	13.6	14.6	16.7	17.8	18.9	99.1	28.5	12.9	1.0	8.2		13.0
最低	Min.	-0.5	2.4	-3.7	5.9	7.0	8.5	11.3	13.5	16.6	67.3	0.0	0.3	0.0	1.7		0

2016年 12月

気象月報

秩父演習林栃本

Monthly report of meteorological data at Tochimoto

月	日	気温 °C			平均地温 °C						湿度	降水量	日射量 日合計	風速 m/sec			降雪深 cm
		Air Temperature			Soil Temperature									Wind Velocity			
	Date	平均 Mean	最高 Max.	最低 Min.	0.0	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.	Snowfall Depth
12	1	6.6	16.1	1.1	7.5	7.7	8.5	11.1	13.4	16.5	85.7	0.5	7.8	0.4	4.9	NW	0.0
12	2	6.5	13.7	1.2								0.0					0.0
12	3	5.4	14.9	0.2	6.7	7.5	8.5	10.9	13.1	16.4	69.0	0.0	10.1	0.6	3.5	SW	0.0
12	4	6.7	15.6	1.1	7.1	7.6	8.5	10.8	13.0	16.3	74.7	4.0	7.9	0.3	3.7	SW	0.0
12	5	8.3	16.0	4.5	8.3	8.4	8.8	10.7	12.8	16.1	90.4	3.0	8.2	0.2	2.7	SSW	0.0
12	6	5.4	13.4	-1.4	7.8	8.4	9.0	10.7	12.7	16.0	74.7	0.0	7.1	0.9	9.2	W	0.0
12	7	1.2	9.0	-2.6	5.8	7.0	8.3	10.7	12.6	16.0	75.6	0.0	9.6	0.6	4.4	S	0.0
12	8	2.9	12.1	-1.3	5.5	6.5	7.8	10.5	12.5	15.9	72.8	0.0	8.7	0.5	4.0	SSE	0.0
12	9	5.7	13.4	-1.2	5.9	6.5	7.6	10.2	12.4	15.8	62.8	0.0	8.9	1.3	11.3	WNW	0.0
12	10	3.4	10.3	-2.7	5.7	6.5	7.6	10.0	12.3	15.7	60.4	0.0	9.2	0.9	5.1	S	0.0
12	11	0.6	9.9	-3.5	4.3	5.5	7.0	9.9	12.2	15.6	60.3	0.0	8.4	0.8	6.5	SE	0.0
12	12	1.5	9.7	-2.7	3.7	4.9	6.4	9.6	12.1	15.5	49.9	0.0	8.7	0.6	5.0	SSE	0.0
12	13	3.8	11.1	-2.2	3.9	4.7	6.1	9.3	11.9	15.4	77.5	3.0	2.1	0.6	8.1	NNW	0.0
12	14	4.3	10.4	-1.8	5.4	5.6	6.2	8.9	11.7	15.3	80.2	22.0	6.9	0.9	9.6	W	0.0
12	15	0.1	8.3	-3.8	4.0	5.0	6.2	8.8	11.5	15.3	69.5	0.0	9.6	0.6	5.0	S	0.0
12	16	-1.1	7.1	-4.5	3.1	4.3	5.7	8.6	11.4	15.2	67.0	0.0	7.6	0.8	6.9	W	0.0
12	17	1.5	11.4	-5.1	2.6	3.7	5.2	8.4	11.2	15.1	57.2	0.0	9.6	1.2	11.6	WNW	0.0
12	18	3.1	12.2	-1.8	3.2	4.0	5.1	8.1	11.0	15.0	57.7	0.0	9.4	0.9	3.7	WNW	0.0
12	19	5.1	14.9	0.9	4.0	4.5	5.3	7.9	10.9	14.9	56.1	0.0	9.5	0.8	3.7	W	0.0
12	20	5.4	14.8	0.8	4.3	4.8	5.6	7.9	10.7	14.8	68.1	0.0	6.0	0.7	4.1	NW	0.0
12	21	6.2	15.8	1.0	4.6	5.1	5.7	7.9	10.5	14.7	61.3	0.0	9.0	0.8	4.6	W	0.0
12	22	9.6	16.1	3.5	5.5	5.5	6.1	7.9	10.4	14.6	77.0	20.5	1.6	2.2	13.6	NNW	0.0
12	23	8.3	14.8	2.3	7.0	6.9	6.9	7.9	10.2	14.4	70.0	2.5	6.4	1.4	9.1	WNW	0.0
12	24	3.0	9.7	-2.0	5.0	5.8	6.6	8.1	10.1	14.3	59.1	0.0	8.6	1.2	7.6	W	0.0
12	25	1.6	10.0	-2.2	4.2	5.0	6.1	8.1	10.0	14.2	71.2	0.0	8.5	0.5	3.5	SW	0.0
12	26	1.9	8.6	-2.7	3.7	4.5	5.7	8.0	10.0	14.1	75.3	0.0	5.0	0.5	3.7	WNW	0.0
12	27	7.6	12.2	1.4	5.7	5.5	5.9	7.8	9.9	14.0	83.1	18.0	1.7	2.7	19.6	NW	0.0
12	28	0.1	6.2	-4.8	4.4	5.3	6.1	7.8	9.8	13.9	58.9	0.0	9.2	1.2	9.5	WSW	0.0
12	29	0.6	11.0	-5.4	3.0	4.1	5.4	7.7	9.8	13.8	72.5	0.0	8.6	1.1	14.8	W	0.0
12	30	0.7	8.8	-3.8	3.5	4.2	5.1	7.5	9.7	13.7	60.1	0.0	9.8	0.8	7.5	S	0.0
12	31	1.1	11.8	-4.9	2.7	3.7	4.8	7.3	9.6	13.6	61.5	0.0	9.7	0.7	4.0	W	0.0
計	Total											73.5					
平均	Mean	3.8	11.9	-1.4	4.9	5.6	6.6	9.0	11.3	15.1	68.7	2.4	7.8	0.9	7.0		0.0
最大	Max.	9.6	16.1	4.5								22.0					0.0
最低	Min.	-1.1	6.2	-5.4								0.0					0.0

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

気温 (Air Temperature): 2

降水量 (precipitation): 2