

2021年 01月  
Jan. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
01	1	-0.2	8.5	-4.9	3.1	3.6	4.9	7.3	10.2	14.3	44.6	0.0	9.4	0.8	8.8	N	0.0
01	2	-0.1	8.8	-4.8	2.8	3.3	4.6	7.1	10.1	14.2	51.3	0.0	9.4	0.5	5.2	WSW	0.0
01	3	-1.2	6.7	-5.8	2.6	3.1	4.3	6.8	10.0	14.2	67.5	0.0	9.9	0.5	4.7	S	0.0
01	4	1.1	11.2	-4.0	3.1	3.2	4.3	6.6	9.9	14.1	53.0	0.0	10.2	0.6	3.7	W	0.0
01	5	1.7	8.6	-2.9	3.1	3.3	4.3	6.5	9.8	14.0	57.3	0.0	6.8	0.5	3.7	WNW	0.0
01	6	-1.0	1.7	-2.6	2.6	3.1	4.2	6.4	9.7	13.9	84.7	0.0	2.3	0.4	3.7	E	0.0
01	7	0.4	8.6	-5.2	3.3	3.4	4.2	6.3	9.5	13.8	55.6	0.0	9.6	1.3	13.8	WSW	1.0
01	8	-3.6	3.3	-8.2	1.8	2.6	4.0	6.3	9.5	13.7	37.6	0.0	7.1	1.0	8.2	WSW	0.0
01	9	-3.5	3.5	-6.9	1.1	1.9	3.4	6.1	9.4	13.7	36.9	0.0	7.5	0.9	6.2	W	
01	10	-2.7	6.4	-7.5	1.0	1.6	3.0	5.9	9.3	13.6	42.2	0.0	10.8	0.7	5.8	WSW	0.0
01	11	-1.8	4.9	-5.6	0.7	1.4	2.8	5.6	9.2	13.5	50.4	0.0	5.4	0.5	3.3	NNW	0.0
01	12	-2.2	-0.2	-4.4	0.9	1.4	2.6	5.4	9.0	13.5	80.4	2.0	1.8	0.3	3.0	ESE	0.0
01	13	-0.1	9.1	-5.4	2.0	1.9	2.8	5.3	8.8	13.4	75.5	0.0	9.5	0.6	2.8	W	
01	14	3.1	14.3	-3.1	2.8	2.5	3.2	5.2	8.7	13.3	62.5	0.0	10.6	0.6	2.9	W	1.0
01	15	1.8	10.2	-2.4	3.1	2.9	3.6	5.3	8.6	13.2	77.7	0.0	10.1	0.5	3.4	SSW	0.0
01	16	4.1	15.7	-2.6	3.5	3.3	3.8	5.3	8.5	13.1	69.5	0.0	8.1	0.7	7.9	NW	0.0
01	17	0.1	4.8	-3.7	3.3	3.5	4.1	5.4	8.4	13.0	75.6	0.0	4.6	0.3	3.7	SE	0.0
01	18	-0.6	7.7	-5.5	2.4	2.7	3.7	5.5	8.3	12.9	65.2	0.0	9.6	0.7	6.3	SW	
01	19	0.2	9.4	-6.7	2.8	2.8	3.6	5.4	8.3	12.8	45.7	0.0	11.1	1.0	5.6	SSE	0.0
01	20	-1.7	8.2	-7.9	2.1	2.5	3.5	5.4	8.2	12.8	53.2	0.0	11.6	0.5	3.1	SW	0.0
01	21	1.2	11.8	-4.9	2.4	2.4	3.3	5.3	8.2	12.7	52.1	0.0	11.4	0.5	2.4	WSW	
01	22	4.4	10.7	-1.3	2.6	2.6	3.4	5.2	8.1	12.6	49.5	0.0	4.3	0.4	2.8	NNW	
01	23	2.2	4.1	-0.7	3.0	3.1	3.6	5.2	8.0	12.5	88.4	8.5	1.0	0.1	2.2	N	
01	24	0.6	2.7	-0.6	2.8	3.0	3.7	5.2	7.9	12.4	98.2	17.0	0.3	0.0	1.7	W	
01	25	2.3	9.3	-1.6	2.7	2.8	3.5	5.2	7.7	12.3	85.5	1.0	10.5	0.6	2.8	WNW	
01	26	1.4	7.7	-3.4	2.4	2.5	3.3	5.1	7.6	12.2	77.3	0.0	7.5	0.5	4.6	NW	
01	27	4.4	13.7	-0.5	3.8	3.4	3.7	5.0	7.5	12.0	89.4	2.0	6.7	0.3	4.6	NW	
01	28	-0.3	1.4	-1.5	3.1	3.3	4.0	5.2	7.5	12.0	95.3	0.0	2.3	0.1	2.2	ESE	
01	29	-0.4	4.0	-3.3	3.1	3.2	3.8	5.2	7.5	11.9	52.4	0.0	8.0	1.4	8.2	W	
01	30	-0.5	7.0	-4.9	2.6	2.7	3.6	5.2	7.5	11.8	37.1	0.0	12.3	1.3	7.9	W	
01	31	0.6	10.8	-4.7	2.8	2.7	3.5	5.1	7.4	11.8	58.6	0.0	11.9	0.6	3.8	SSW	
計	Total											30.5					
平均	Mean	0.3	7.6	-4.1	2.6	2.8	3.7	5.7	8.6	13.1	63.6	1.0	7.8	0.6	4.8		
最高	Max.	4.4	15.7	-0.5	3.8	3.6	4.9	7.3	10.2	14.3	98.2	17.0	12.3	1.4	13.8		
最低	Min.	-3.6	-0.2	-8.2	0.7	1.4	2.6	5.0	7.4	11.8	36.9	0.0	0.3	0.0	1.7		0.0

2021年 02月  
Feb. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
02	1	6.3	9.7	0.6	4.1	3.2	3.6	5.0	7.3	11.6	57.5	0.0	8.5	2.3	10.5	SW	
02	2	5.2	13.9	-2.5	5.0	4.3	4.3	5.1	7.2	11.6	73.9	6.0	10.4	1.1	10.0	W	
02	3	1.3	10.1	-3.4	4.2	4.0	4.6	5.3	7.3	11.5	54.5	0.0	12.4	0.7	5.5	E	
02	4	1.5	8.4	-4.0	3.5	3.5	4.3	5.4	7.3	11.5	44.4	0.0	11.2	1.3	10.9	WNW	
02	5	1.7	11.0	-4.8	3.5	3.4	4.1	5.4	7.3	11.4	53.6	0.0	12.4	0.6	3.4	SSW	
02	6	4.7	15.6	-2.0	4.4	3.9	4.3	5.3	7.3	11.3	53.8	0.0	12.6	0.7	2.7	WSW	0.0
02	7	5.0	15.0	-0.6	4.6	4.3	4.7	5.4	7.3	11.3	52.5	0.0	10.4	0.9	7.6	W	0.0
02	8	1.2	9.5	-3.5	4.2	4.1	4.7	5.5	7.3	11.2	58.5	0.0	9.3	1.1	6.8	SW	0.0
02	9	-1.3	7.1	-6.0	3.8	3.8	4.5	5.5	7.3	11.2	44.7	0.0	13.5	1.1	8.4	WSW	0.0
02	10	0.9	11.2	-5.6	3.3	3.3	4.2	5.5	7.3	11.1	48.6	0.0	12.1	0.7	3.4	WSW	0.0
02	11	3.8	12.3	-2.2	4.0	3.7	4.3	5.4	7.3	11.1	41.0	0.0	13.0	1.0	7.9	WNW	0.0
02	12	3.9	11.1	-0.3	3.9	3.8	4.4	5.5	7.3	11.0	42.4	0.0	6.6	0.3	3.2	S	0.0
02	13	5.4	16.6	-2.3	4.5	4.1	4.5	5.5	7.2	11.0	56.3	0.0	12.9	0.5	4.0	SSW	0.0
02	14	7.8	17.7	1.1	5.7	5.0	5.1	5.6	7.2	10.9	64.0	0.0	13.0	0.7	4.8	WSW	0.0
02	15	6.4	9.2	5.1	5.7	5.4	5.7	5.8	7.0	10.8	86.1	29.5	1.2	0.8	8.7	NNW	0.0
02	16	4.9	11.4	-0.5	5.8	5.4	5.7	6.0	7.0	10.7	38.6	0.0	14.2	1.7	8.5	WNW	0.0
02	17	0.2	8.0	-4.2	4.6	4.7	5.5	6.1	7.1	10.7	41.2	0.0	9.8	1.4	9.1	W	0.0
02	18	-1.7	5.0	-6.9	3.4	3.7	4.8	6.0	7.2	10.6	38.0	0.0	12.6	1.2	7.4	WSW	0.0
02	19	1.3	11.3	-6.0								0.0					0.0
02	20	6.7	18.1	-2.4								0.0					0.0
02	21	10.7	21.2	3.7								0.0					0.0
02	22	11.5	21.9	4.5								0.0					0.0
02	23	7.5	14.3	-2.6								0.0					0.0
02	24	1.1	10.4	-4.8								0.0					0.0
02	25	1.5	10.7	-5.4								0.0					0.0
02	26	2.4	7.2	-1.7								0.0					0.0
02	27	1.9	9.2	-4.0								0.0					0.0
02	28	2.1	12.6	-6.1								0.0					0.0
計	Total											35.5					
平均	Mean	3.7	12.1	-2.4								1.3					
最高	Max.	11.5	21.9	5.1								29.5					
最低	Min.	-1.7	5.0	-6.9								0.0					0.0

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

気温 (Air Temperature): 19~28

降水量 (precipitation): 19~28

2021年 03月  
Mar. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
03	1	7.1	19.9	-2.3								0.0					0.0
03	2	9.6	17.6	0.2	7.3	6.7	6.6	6.6	7.4	10.2	73.4	19.0	3.7	2.3	15.3	WNW	0.0
03	3	3.2	11.9	-2.0	6.9	6.5	6.8	6.8	7.4	10.2	54.9	0.0	15.9	0.8	6.7	SE	0.0
03	4	3.7	11.9	-2.5	6.9	6.5	6.8	7.0	7.4	10.2	70.8	0.0	14.2	0.4	4.0	SSE	0.0
03	5	5.6	12.6	1.0								1.5					0.0
03	6	7.8	16.1	2.3								0.0					0.0
03	7	3.6	9.4	1.0								0.0					0.0
03	8	4.0	7.9	0.6								0.0					0.0
03	9	4.6	11.7	2.4								0.0					0.0
03	10	7.4	18.7	-0.1								0.0					0.0
03	11	6.2	15.9	-1.6	7.8	7.5	7.8	7.8	7.9	10.1	44.9	0.0	16.6	0.4	5.1	SSE	0.0
03	12	7.2	13.5	1.8	7.5	7.4	7.9	7.9	8.0	10.1	61.1	0.0	5.9	0.4	4.6	WNW	0.0
03	13	5.3	7.2	2.3								25.0					0.0
03	14	7.3	15.5	1.0								0.0					0.0
03	15	7.6	19.4	-0.7								0.0					0.0
03	16	10.1	21.0	1.4	8.9	8.2	8.4	8.2	8.1	10.1	53.3	0.0	16.0	0.8	9.4	SW	0.0
03	17	7.7	17.1	1.1	9.4	8.9	8.9	8.4	8.2	10.1	66.6	0.0	16.1	0.6	4.9	SE	0.0
03	18	7.8	17.7	-0.2	9.0	8.6	8.9	8.6	8.3	10.1	55.1	0.0	18.3	0.5	4.9	SSE	0.0
03	19	8.8	17.3	2.9	9.7	9.1	9.2	8.7	8.4	10.1	61.1	0.0	16.1	0.5	4.5	SSE	0.0
03	20	8.0	15.5	5.0	10.3	9.6	9.6	8.9	8.5	10.1	80.5	0.0	13.2	0.7	4.6	SE	0.0
03	21	8.9	11.3	6.5	10.0	9.6	9.8	9.1	8.4	10.0	99.3	38.5	2.5	0.4	6.0	E	0.0
03	22	6.1	11.1	-0.3	10.1	9.8	9.9	9.4	8.5	10.0	85.3	3.0	7.5	0.3	4.1	ESE	0.0
03	23	4.8	14.4	-2.1	9.4	9.1	9.5	9.5	8.7	10.1	73.5	0.0	19.4	0.5	3.8	S	0.0
03	24	8.2	18.3	-0.1	9.9	9.4	9.7	9.5	8.8	10.1	69.5	0.0	19.2	0.4	3.7	SSE	0.0
03	25	8.1	14.2	4.0	9.7	9.5	9.9	9.6	8.9	10.1	80.5	0.0	6.9	0.1	2.8	SE	0.0
03	26	8.0	18.4	1.5	9.7	9.4	9.7	9.7	9.0	10.1	53.3	0.0	18.2	1.0	11.9	W	0.0
03	27	8.3	17.2	0.7	9.7	9.4	9.7	9.7	9.1	10.1	54.4	0.0	16.8	0.5	4.9	SE	0.0
03	28	7.6	9.8	5.2	9.3	9.3	9.8	9.8	9.1	10.1	92.7	9.0	1.4	0.6	4.4	NE	0.0
03	29	13.7	22.7	7.1	11.4	10.2	10.0	9.8	9.0	10.1	82.6	16.0	18.5	0.4	4.9	ESE	0.0
03	30	11.6	17.5	7.9	11.8	11.2	11.1	10.0	9.2	10.1	86.3	1.0	7.1	0.3	3.7	ESE	0.0
03	31	12.3	20.9	6.4	12.6	11.6	11.4	10.3	9.2	10.1	69.8	0.0	18.6	0.5	4.3	SE	0.0
計	Total											113.0					
平均	Mean	7.4	15.3	1.6								3.6					
最高	Max.	13.7	22.7	7.9								38.5					0.0
最低	Min.	3.2	7.2	-2.5								0.0					0.0

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

気温 (Air Temperature): 1, 5~10, 13~15

降水量 (precipitation): 1, 5~10, 13~15

2021年 04月  
Apr. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
04	1	11.7	20.1	4.7	12.6	11.9	11.8	10.7	9.4	10.2	70.0	0.0	18.4	0.5	4.4	SE	0.0
04	2	8.4	10.0	7.1	11.8	11.6	11.9	10.9	9.5	10.2	94.3	0.0	1.7	0.1	2.4	ESE	0.0
04	3	10.7	18.9	7.3	11.9	11.3	11.4	11.0	9.7	10.2	82.6	0.0	11.3	0.3	3.2	SSE	0.0
04	4	11.5	18.7	5.9	12.0	11.5	11.7	11.1	9.8	10.3	82.0	0.0	9.7	0.2	4.0	SE	0.0
04	5	9.3	11.7	2.6	12.0	11.6	11.8	11.2	9.8	10.3	95.2	5.0	3.2	0.1	3.3	NE	0.0
04	6	5.5	14.0	1.3	10.8	10.7	11.3	11.3	10.0	10.3	80.8	0.0	11.0	0.3	3.5	SE	0.0
04	7	9.3	19.0	2.1	11.9	11.3	11.4	11.2	10.1	10.4	63.5	0.0	19.6	0.5	5.4	SE	0.0
04	8	8.4	16.4	1.6	11.2	11.1	11.5	11.3	10.2	10.4	57.0	0.0	13.8	0.6	3.9	ESE	0.0
04	9	7.7	16.2	1.8	11.2	10.9	11.3	11.3	10.3	10.5	51.9	0.0	20.1	0.8	6.4	SE	0.0
04	10	6.4	14.9	-1.5	11.2	11.0	11.4	11.3	10.4	10.6	43.5	0.0	21.5	0.7	4.5	SE	0.0
04	11	7.0	16.0	-0.9	10.6	10.6	11.2	11.3	10.5	10.6	66.1	0.0	14.9	0.4	3.8	SE	0.0
04	12	10.1	19.2	1.8	11.5	11.0	11.2	11.3	10.5	10.7	66.4	0.0	20.2	0.5	4.3	SSE	0.0
04	13	10.6	15.7	7.1	11.6	11.4	11.7	11.3	10.6	10.7	78.7	0.0	5.1	0.8	9.2	NNE	0.0
04	14	11.4	18.2	4.1	12.4	11.8	11.8	11.4	10.6	10.8	87.7	3.5	7.4	0.4	3.9	E	0.0
04	15	7.4	15.9	-0.5	12.0	11.7	11.9	11.5	10.6	10.8	59.2	0.0	21.4	0.5	5.0	SE	0.0
04	16	8.5	16.4	2.0	12.0	11.7	12.0	11.6	10.7	10.9	72.9	0.0	16.1	0.4	4.3	SSE	0.0
04	17	8.2	10.0	6.6	11.3	11.3	11.9	11.7	10.7	10.8	95.1	21.5	2.0	0.0	1.4	E	0.0
04	18	9.5	14.7	5.5	11.7	11.2	11.6	11.7	10.7	10.8	55.5	0.0	20.6	1.6	9.2	W	0.0
04	19	10.5	20.3	2.9	12.0	11.5	11.8	11.7	10.8	10.9	46.4	0.0	21.4	0.8	5.5	ENE	0.0
04	20	13.1	24.3	3.7	12.3	11.8	12.1	11.8	10.9	10.9	45.3	0.0	17.8	0.7	4.4	NNW	0.0
04	21	14.1	22.7	7.3	12.8	12.2	12.3	11.9	10.9	11.0	31.2	0.0	22.0	1.0	10.3	W	0.0
04	22	13.9	24.3	6.1	12.8	12.4	12.5	12.0	11.0	11.1	26.8	0.0	21.9	0.9	6.4	W	0.0
04	23	11.1	21.2	1.9	12.6	12.3	12.5	12.1	11.1	11.1	47.2	0.0	22.5	0.6	4.7	ESE	0.0
04	24	12.5	22.1	4.4	13.0	12.5	12.7	12.2	11.2	11.1	54.2	0.0	19.3	0.4	4.8	SE	0.0
04	25	10.7	18.8	4.4	12.5	12.4	12.8	12.3	11.3	11.2	65.4	0.0	7.9	0.4	3.7	E	0.0
04	26	8.2	18.5	1.2	12.0	12.0	12.4	12.3	11.4	11.2	40.9	0.0	22.4	0.7	5.4	SSE	0.0
04	27	9.2	18.2	0.0	12.0	11.8	12.3	12.3	11.5	11.3	59.8	0.0	20.7	0.3	4.2	SE	0.0
04	28	12.2	18.6	5.8	12.5	12.2	12.5	12.3	11.5	11.3	72.0	0.0	9.3	0.3	4.9	WSW	0.0
04	29	11.3	13.2	10.0	12.8	12.5	12.7	12.4	11.4	11.3	93.5	33.5	3.8	0.5	7.9	ENE	0.0
04	30	13.0	21.6	6.2	13.5	12.8	12.9	12.5	11.4	11.3	72.2	0.0	18.2	0.6	6.6	NNE	0.0
計	Total											63.5					
平均	Mean	10.0	17.7	3.8	12.0	11.7	11.9	11.6	10.6	10.8	65.2	2.1	14.8	0.5	5.0		
最高	Max.	14.1	24.3	10.0	13.5	12.8	12.9	12.5	11.5	11.3	95.2	33.5	22.5	1.6	10.3		0.0
最低	Min.	5.5	10.0	-1.5	10.6	10.6	11.2	10.7	9.4	10.2	26.8	0.0	1.7	0.0	1.4		0.0

2021年 05月  
May 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
05	1	12.5	21.1	5.2	13.6	13.0	13.3	12.6	11.5	11.3	73.0	5.5	17.1	1.0	10.7	WNW	0.0
05	2	11.4	18.7	5.7	13.9	13.3	13.5	12.8	11.5	11.3	63.4	0.0	18.8	0.9	9.0	W	0.0
05	3	10.7	17.1	4.9	12.8	12.8	13.4	13.0	11.6	11.4	46.3	0.0	13.6	0.7	7.4	WNW	0.0
05	4	13.7	23.2	4.2	13.1	12.6	13.0	12.9	11.7	11.4	49.3	0.0	20.8	0.5	4.3	ENE	0.0
05	5	14.6	18.5	8.7	13.1	12.9	13.4	13.0	11.8	11.5	58.9	0.0	4.6	1.2	8.5	WNW	0.0
05	6	17.0	25.1	11.6	15.1	13.9	13.7	13.0	11.9	11.5	70.5	0.0	18.6	0.4	4.6	ESE	0.0
05	7	12.9	15.2	11.2	14.7	14.3	14.4	13.3	12.0	11.6	91.3	2.0	3.6	0.1	2.8	E	0.0
05	8	15.7	23.2	8.8	15.2	14.4	14.3	13.5	12.0	11.6	78.2	0.0	16.4	0.2	3.6	E	0.0
05	9	17.0	25.7	9.2	15.5	14.9	14.8	13.7	12.1	11.7	46.9	0.0	13.8	0.8	6.6	W	0.0
05	10	14.6	24.3	5.7	14.9	14.4	14.6	13.9	12.3	11.7	44.3	0.0	22.1	0.4	4.3	ESE	0.0
05	11	12.7	18.5	9.7	14.9	14.5	14.7	14.0	12.4	11.8	68.0	0.0	9.5	0.3	3.9	ESE	0.0
05	12	12.1	17.9	6.5	14.5	14.3	14.6	14.0	12.5	11.9	69.7	0.0	13.6	0.3	3.4	ESE	0.0
05	13	11.8	14.7	9.1	14.2	14.0	14.4	14.0	12.6	11.9	88.4	0.0	4.3	0.1	2.8	E	0.0
05	14	17.9	27.1	8.8	15.6	14.7	14.5	14.0	12.7	12.0	73.0	0.0	18.6	0.3	3.9	ESE	0.0
05	15	15.3	18.6	12.2	15.7	15.3	15.2	14.2	12.8	12.0	90.6	0.0	3.5	0.0	1.9	E	0.0
05	16	13.6	15.4	12.2	15.2	14.8	15.0	14.3	12.9	12.1	97.3	2.0	3.0	0.1	2.5	E	0.0
05	17	19.3	23.0	13.1	16.4	15.5	15.2	14.4	12.9	12.1	86.7	2.0	6.7	0.4	5.6	NW	0.0
05	18	16.5	19.6	13.2	16.8	16.1	15.9	14.6	12.9	12.1	97.9	10.5	3.8	0.1	2.7	E	0.0
05	19	13.8	15.3	12.1	15.9	15.5	15.8	14.8	12.8	12.1	98.9	4.5	2.3				0.0
05	20	13.8	17.6	10.0	15.4	15.0	15.5	14.9	13.0	12.1	95.9	7.5	6.2	0.0	2.5	E	0.0
05	21	15.5	19.3	12.9	16.1	15.3	15.6	14.9	13.0	12.1	98.7	16.5	5.7	0.0	3.0	E	0.0
05	22	15.2	19.3	11.9	16.7	16.0	16.1	15.1	13.1	12.2	95.2	3.0	7.3	0.2	3.1	E	0.0
05	23	15.2	21.2	10.2	16.9	16.2	16.3	15.3	13.2	12.2	87.5	0.5	16.0	0.2	5.5	E	0.0
05	24	17.0	26.0	10.1	17.1	16.4	16.5	15.4	13.3	12.3	81.1	0.0	14.2	0.1	4.3	E	0.0
05	25	18.3	26.1	12.7	18.2	17.2	17.0	15.6	13.5	12.4	68.0	0.0	21.2	0.4	7.5	E	0.0
05	26	16.5	23.1	9.6	17.5	17.1	17.1	15.9	13.7	12.5	55.6	0.0	19.5	0.3	6.1	ESE	0.0
05	27	11.9	13.2	10.3	16.0	16.1	16.8	16.0	13.8	12.4	95.2	32.5	2.2	0.1	2.7	E	0.0
05	28	15.5	22.7	9.1	16.2	15.6	16.1	16.0	13.9	12.5	85.1	0.0	15.8	0.1	3.0	E	0.0
05	29	17.6	25.9	11.0	17.3	16.5	16.6	15.9	14.0	12.6	72.0	0.0	17.0	0.3	3.7	ENE	0.0
05	30	17.6	24.6	12.9	18.1	17.2	17.2	16.1	14.1	12.7	72.6	0.0	19.6	0.4	4.0	ESE	0.0
05	31	15.2	20.7	12.0	17.6	17.2	17.4	16.3	14.2	12.7	83.9	1.5	8.8	0.2	3.1	E	0.0
計	Total											88.0					
平均	Mean	14.9	20.7	9.8	15.6	15.1	15.2	14.4	12.8	12.0	76.9	2.8	11.9	0.3	4.6		
最高	Max.	19.3	27.1	13.2	18.2	17.2	17.4	16.3	14.2	12.7	98.9	32.5	22.1				0.0
最低	Min.	10.7	13.2	4.2	12.8	12.6	13.0	12.6	11.5	11.3	44.3	0.0	2.2				0.0

2021年 06月  
June 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
06	1	16.6	23.3	9.4	18.0	17.2	17.3	16.4	14.3	12.8	77.0	0.0	21.1	0.4	4.3	ESE	0.0
06	2	16.7	22.6	12.3	17.9	17.5	17.6	16.5	14.5	12.9	82.4	0.0	9.9	0.1	3.2	ESE	0.0
06	3	17.4	25.4	11.7	18.0	17.4	17.6	16.7	14.6	13.0	74.7	0.0	13.0	0.2	3.8	E	0.0
06	4	16.3	19.2	13.4	18.0	17.4	17.7	16.7	14.6	13.0	96.0	19.0	4.6	0.1	3.8	E	0.0
06	5	16.5	19.4	14.4	18.2	17.5	17.9	16.9	14.6	12.9	94.4	0.0	5.5	0.1	2.8	E	0.0
06	6	17.3	24.8	13.6	18.3	17.6	17.9	17.0	14.7	13.0	86.4	0.5	8.4	0.0	2.3	W	0.0
06	7	18.9	28.1	14.6	18.7	17.8	18.1	17.1	14.8	13.1	74.7	0.0	12.5	0.1	3.7	ESE	0.0
06	8	19.5	28.4	14.1	18.9	18.2	18.3	17.2	14.9	13.2	73.1	0.0	13.7	0.2	4.1	E	0.0
06	9	19.8	28.9	12.3	19.0	18.3	18.4	17.3	15.0	13.3	61.0	0.0	21.2	0.2	3.4	SE	0.0
06	10	20.1	28.2	12.7	19.2	18.6	18.6	17.5	15.2	13.4	64.4	0.0	20.4	0.3	4.3	E	0.0
06	11	19.2	27.1	12.3	19.3	18.7	18.8	17.6	15.4	13.5	66.6	0.0	19.1	0.3	3.5	ESE	0.0
06	12	18.6	26.1	12.3	19.2	18.7	18.8	17.7	15.5	13.6	76.9	0.0	14.2	0.2	4.2	SE	0.0
06	13	18.8	23.3	15.6	19.5	19.0	19.0	17.8	15.6	13.7	86.8	13.0	7.2	0.1	2.5	SE	0.0
06	14	17.7	22.6	14.3	19.1	18.5	18.9	17.9	15.5	13.5	93.1	12.0	7.9	0.0	3.2	E	0.0
06	15	18.0	27.2	12.3	19.3	18.6	19.0	18.0	15.5	13.6	87.3	24.0	17.2	0.2	4.6	E	0.0
06	16	16.7	22.8	13.5	19.1	18.6	19.1	18.2	15.6	13.6	93.6	19.0	9.0	0.1	3.9	E	0.0
06	17	16.2	24.0	12.6	18.7	18.3	18.8	18.3	15.8	13.7	89.7	1.0	10.6	0.1	3.6	E	0.0
06	18	17.6	24.4	11.0	18.9	18.4	18.8	18.3	15.9	13.8	85.5	0.0	15.6	0.2	3.8	ESE	0.0
06	19	15.8	17.4	14.6	18.6	18.3	18.9	18.3	16.0	13.8	95.7	11.0	3.8	0.1	4.3	NW	0.0
06	20	17.9	24.7	14.0	19.0	18.2	18.8	18.3	16.0	13.9	89.1	3.0	10.7	0.1	3.1	ENE	0.0
06	21	18.3	25.7	11.5	19.2	18.5	19.0	18.4	16.1	14.0	78.0	0.0	16.8	0.2	3.3	ESE	0.0
06	22	17.8	22.2	14.7	19.2	18.7	19.2	18.4	16.2	14.1	86.8	0.0	6.7	0.1	3.7	E	0.0
06	23	17.1	22.6	14.6	18.8	18.4	19.0	18.5	16.3	14.2	88.2	9.5	7.8	0.1	3.4	E	0.0
06	24	16.6	21.1	14.2	18.7	18.2	18.9	18.5	16.3	14.2	94.4	2.0	6.5	0.0	2.7	E	0.0
06	25	17.0	22.1	13.1	18.8	18.2	18.9	18.5	16.3	14.2	93.4	3.0	8.6	0.1	3.0	E	0.0
06	26	18.4	22.2	14.6	19.2	18.5	19.0	18.5	16.4	14.3	91.0	0.0	7.3	0.1	2.4	E	0.0
06	27	18.0	21.6	14.7	19.3	18.7	19.2	18.6	16.4	14.4	91.7	0.5	5.2	0.1	2.8	E	0.0
06	28	18.4	25.9	13.0	19.3	18.7	19.1	18.6	16.5	14.5	86.5	0.0	11.3	0.2	3.7	E	0.0
06	29	17.1	22.0	14.8	19.7	18.9	19.4	18.7	16.4	14.5	95.6	36.5	6.8	0.1	2.6	E	0.0
06	30	15.8	17.4	14.9	19.4	18.8	19.5	18.9	16.6	14.6	97.7	0.0	4.0	0.1	2.8	E	0.0
計	Total											154.0					
平均	Mean	17.7	23.7	13.4	18.9	18.3	18.6	17.8	15.6	13.7	85.1	5.1	10.9	0.1	3.4		
最高	Max.	20.1	28.9	15.6	19.7	19.0	19.5	18.9	16.6	14.6	97.7	36.5	21.2	0.4	4.6		0.0
最低	Min.	15.8	17.4	9.4	17.9	17.2	17.3	16.4	14.3	12.8	61.0	0.0	3.8	0.0	2.3		0.0

2021年 07月  
July 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
07	1	16.3	19.0	14.9	18.8	18.3	19.2	18.9	16.7	14.6	97.3	28.5	3.9	0.0	3.0	E	0.0
07	2	16.6	18.4	15.5	18.6	18.0	18.9	18.9	16.9	14.7	98.5	45.0	2.8				0.0
07	3	20.0	24.9	16.6	20.5	19.1	19.4	18.9	17.1	14.9	94.1	14.5	9.4	0.0	1.9	E	0.0
07	4	17.2	19.3	15.9	20.4	19.9	20.2	19.2	17.2	15.1	98.8	13.5	2.3	0.0	2.0	E	0.0
07	5	17.8	20.2	15.6	20.0	19.3	19.9	19.3	17.2	15.2	98.6	6.0	3.4	0.0	1.0	NW	0.0
07	6	19.6	23.0	17.5	20.8	19.7	20.2	19.4	17.3	15.2	95.6	0.0	5.4	0.0	2.2	W	0.0
07	7	21.6	29.7	17.2	22.2	20.7	20.7	19.5	17.3	15.3	89.1	0.0	13.0	0.2	4.1	E	0.0
07	8	19.5	20.6	18.4	21.8	21.1	21.4	19.9	17.3	15.3	97.6	13.0	2.0	0.0	2.5	E	0.0
07	9	19.2	21.5	18.0	21.4	20.5	21.2	20.1	17.4	15.3	98.3	7.5	3.2	0.0	3.1	E	0.0
07	10	22.9	29.9	17.7	23.2	21.6	21.6	20.2	17.6	15.4	89.8	0.0	14.7	0.1	3.4	E	0.0
07	11	21.9	28.9	17.2	24.0	22.8	22.6	20.6	17.7	15.5	88.8	2.0	12.1	0.2	6.4	E	0.0
07	12	20.4	28.7	15.7	23.4	22.5	22.7	21.0	17.8	15.6	89.2	4.5	14.2	0.1	3.5	E	0.0
07	13	20.0	25.5	16.3	23.1	22.3	22.7	21.2	17.9	15.6	92.5	3.5	9.6	0.1	4.8	E	0.0
07	14	19.2	23.2	16.8	22.3	21.7	22.5	21.3	18.0	15.6	95.5	34.0	6.0	0.0	4.2	E	0.0
07	15	19.0	22.8	16.5	22.0	21.3	22.1	21.5	18.3	15.7	96.4	2.5	5.3	0.0	1.9	E	0.0
07	16	23.5	27.8	17.5	22.7	21.7	22.1	21.4	18.5	15.8	85.8	0.0	6.8	0.0	1.8	ESE	0.0
07	17	22.5	31.4	15.2	23.9	22.7	22.7	21.4	18.6	16.0	78.8	0.0	22.2	0.1	3.1	ESE	0.0
07	18	24.1	31.9	16.5	24.7	23.5	23.3	21.7	18.8	16.1	76.5	0.0	21.9	0.2	4.4	ESE	0.0
07	19	25.6	33.6	18.9	25.7	24.5	24.0	22.0	19.0	16.2	71.9	0.0	21.6	0.2	4.0	E	0.0
07	20	25.2	33.3	18.2	25.7	24.8	24.4	22.4	19.2	16.4	69.8	0.0	20.8	0.2	4.0	SE	0.0
07	21	25.0	33.2	18.3	26.0	25.2	24.7	22.7	19.4	16.5	72.3	0.0	21.4	0.3	3.4	SE	0.0
07	22	24.3	31.8	17.8	25.8	25.2	24.8	22.9	19.6	16.6	74.5	0.0	19.5	0.2	3.4	SE	0.0
07	23	24.3	31.8	18.6	25.7	25.1	24.8	23.1	19.9	16.7	76.7	0.0	17.3	0.2	3.9	ESE	0.0
07	24	24.6	30.1	20.3	25.8	25.2	24.9	23.2	20.1	16.8	77.1	0.0	16.0	0.3	3.1	ESE	0.0
07	25	24.1	30.6	18.5	25.7	25.2	24.9	23.3	20.2	16.9	73.6	0.0	19.4	0.3	3.7	SE	0.0
07	26	23.2	29.9	19.1	25.1	24.9	24.7	23.3	20.4	17.0	79.4	0.0	13.1	0.3	4.2	E	0.0
07	27	19.7	21.9	17.9	23.6	23.8	24.2	23.3	20.4	17.0	94.2	14.5	3.4	0.1	2.1	W	0.0
07	28	22.5	29.4	17.6	24.2	23.6	23.7	23.1	20.4	17.0	86.9	2.5	14.1	0.2	3.3	ENE	0.0
07	29	21.6	28.1	18.0	24.3	23.9	24.0	23.0	20.4	17.0	90.9	8.0	10.1	0.1	3.5	E	0.0
07	30	21.9	27.7	17.9	24.3	23.8	24.0	23.1	20.4	17.0	90.8	19.5	12.2	0.1	3.7	ESE	0.0
07	31	22.6	29.8	18.3	24.3	23.7	24.1	23.1	20.4	17.1	87.1	0.5	13.7	0.1	3.9	E	0.0
計	Total											219.5					
平均	Mean	21.5	27.0	17.4	23.2	22.4	22.6	21.4	18.6	16.0	87.3	7.1	11.6	0.1	3.3		
最高	Max.	25.6	33.6	20.3	26.0	25.2	24.9	23.3	20.4	17.1	98.8	45.0	22.2				0.0
最低	Min.	16.3	18.4	14.9	18.6	18.0	18.9	18.9	16.7	14.6	69.8	0.0	2.0				0.0

2021年 08月  
Aug. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
08	1	21.5	32.4	17.5	23.8	23.5	24.1	23.2	20.4	17.1	88.3	23.5	13.4	0.1	4.8	W	0.0
08	2	22.5	30.1	17.0	24.1	23.4	23.8	23.2	20.5	17.2	88.4	0.0	15.1	0.0	4.3	ESE	0.0
08	3	24.7	32.1	19.6	25.4	24.4	24.5	23.2	20.6	17.3	81.0	0.5	19.4	0.2	5.1	SSW	0.0
08	4	25.7	33.6	19.3	25.9	25.0	24.9	23.5	20.8	17.5	79.3	0.0	19.2	0.1	3.4	ESE	0.0
08	5	25.5	33.8	18.9	26.0	25.3	25.2	23.7	20.9	17.6	72.6	0.0	20.5	0.1	3.1	SE	0.0
08	6	24.7	32.8	17.9	25.6	25.1	25.1	23.8	21.1	17.8	71.9	0.0	20.1	0.1	4.0	SE	0.0
08	7	22.8	28.2	19.3	24.8	24.6	24.9	23.9	21.2	17.9	87.2	4.0	6.0	0.0	2.4	SSW	0.0
08	8	22.0	26.0	20.1	23.7	23.3	24.1	23.9	21.2	17.7	95.8	59.5	5.3	0.1	4.1	ENE	0.0
08	9	22.1	25.1	19.9	23.5	23.1	23.9	23.8	21.4	17.8	91.2	38.5	4.8	0.6	7.7	NW	0.0
08	10	26.1	33.6	20.2	24.4	23.6	24.0	23.7	21.6	18.2	66.7	0.0	19.5	0.7	6.0	W	0.0
08	11	23.6	30.6	17.0	24.5	24.0	24.4	23.7	21.7	18.3	75.9	0.0	17.6	0.1	4.0	ESE	0.0
08	12	21.3	24.4	19.6	24.1	23.9	24.4	23.8	21.7	18.4	91.5	0.5	4.6	0.1	2.9	E	0.0
08	13	17.5	19.7	16.3	22.5	22.7	23.8	23.8	21.6	18.4	98.0	29.5	1.6	0.1	5.3	E	0.0
08	14	17.3	18.8	15.8	20.9	20.9	22.5	23.5	21.6	18.4	99.2	28.5	2.0	0.0	2.3	E	0.0
08	15	16.4	17.9	15.2	19.9	19.9	21.4	22.9	21.8	18.5	99.0	49.5	3.2	0.0	1.4	E	0.0
08	16	16.8	18.4	15.3	20.1	20.0	21.2	22.4	21.8	18.8	98.4	1.0	3.6				0.0
08	17	17.6	18.9	16.4	20.2	20.0	21.2	22.2	21.7	18.9	99.4	25.0	2.4	0.0	2.2	E	0.0
08	18	19.2	22.8	17.5	20.5	20.0	21.1	21.9	21.5	18.9	97.4	17.0	5.3	0.0	3.3	NNW	0.0
08	19	21.4	29.0	17.6	21.6	20.9	21.6	21.9	21.4	19.2	87.0	2.0	12.7	0.3	4.1	WNW	0.0
08	20	22.5	31.1	17.6	22.3	21.6	22.1	22.0	21.3	19.3	81.7	0.0	14.6	0.1	3.7	SSW	0.0
08	21	21.8	28.5	18.5	22.7	22.1	22.5	22.2	21.3	19.4	88.9	4.0	9.7	0.1	3.5	ESE	0.0
08	22	22.9	30.1	18.0	23.3	22.5	22.8	22.4	21.2	19.3	87.3	0.0	13.6	0.1	3.1	E	0.0
08	23	22.6	28.5	19.3	23.6	22.9	23.3	22.6	21.2	19.4	86.9	0.5	10.3	0.1	3.2	ESE	0.0
08	24	22.0	26.1	18.5	23.3	22.8	23.3	22.8	21.2	19.4	89.5	0.5	8.2	0.1	2.6	E	0.0
08	25	22.8	30.2	18.6	23.6	22.9	23.3	22.9	21.3	19.4	89.7	0.5	9.6	0.0	2.2	WSW	0.0
08	26	24.9	32.1	19.3	24.2	23.4	23.6	23.0	21.3	19.5	82.1	0.0	15.9	0.1	3.8	ESE	0.0
08	27	25.0	31.6	20.9	24.8	24.0	24.1	23.1	21.4	19.5	83.1	0.0	13.9	0.1	3.5	ESE	0.0
08	28	25.4	32.4	19.6	25.1	24.3	24.4	23.4	21.5	19.6	81.5	0.0	18.0	0.1	2.8	SSE	0.0
08	29	22.4	26.2	21.0	24.5	24.2	24.5	23.6	21.6	19.6	91.4	0.0	3.2	0.1	2.8	E	0.0
08	30	24.6	31.8	18.9	24.7	24.2	24.3	23.6	21.7	19.7	83.5	0.0	17.0	0.1	4.5	ESE	0.0
08	31	22.0	26.5	19.1	24.2	24.1	24.4	23.7	21.8	19.7	88.4	7.0	6.6	0.1	3.8	E	0.0
計	Total											291.5					
平均	Mean	22.2	27.8	18.4	23.5	23.0	23.5	23.1	21.3	18.6	87.2	9.4	10.9	0.1	3.7		
最高	Max.	26.1	33.8	21.0	26.0	25.3	25.2	23.9	21.8	19.7	99.4	59.5	20.5				0.0
最低	Min.	16.4	17.9	15.2	19.9	19.9	21.1	21.9	20.4	17.1	66.7	0.0	1.6				0.0



2021年 09月  
Sep. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
09	1	16.9	19.2	14.4	22.6	22.9	23.7	23.6	21.8	19.6	99.2	1.5	1.2	0.0	4.1	E	0.0
09	2	15.5	17.1	14.5	20.8	21.2	22.5	23.4	21.8	19.5	99.3	23.0	2.0				0.0
09	3	15.5	17.0	14.7	20.2	20.3	21.7	22.9	21.7	19.4	99.3	6.0	2.3	0.0	2.4	ENE	0.0
09	4	15.8	18.4	14.6	19.7	19.8	21.2	22.4	21.6	19.3	99.2	38.0	2.3	0.0	4.3	E	0.0
09	5	16.1	18.7	14.3	19.3	19.2	20.5	22.0	21.6	19.3	97.4	9.5	5.2	0.0	1.9	E	0.0
09	6	14.4	16.3	13.2	18.9	18.9	20.3	21.6	21.5	19.3	98.7	17.0	3.6	0.0	4.0	E	0.0
09	7	15.1	21.9	11.5	18.8	18.7	19.9	21.3	21.4	19.4	92.1	0.0	10.6	0.2	4.0	E	0.0
09	8	13.5	15.2	12.3	18.3	18.5	19.9	21.2	21.2	19.4	98.2	2.0	2.6	0.1	3.8	E	0.0
09	9	17.2	22.4	13.3	18.5	18.3	19.5	20.9	21.0	19.4	96.5	17.0	5.9				0.0
09	10	21.1	28.4	16.1	20.3	19.6	20.1	20.8	20.9	19.5	86.3	0.0	18.5	0.1	3.1	ESE	0.0
09	11	19.7	24.8	16.8	20.8	20.3	20.8	20.9	20.8	19.5	92.1	0.5	7.8	0.1	2.9	E	0.0
09	12	18.5	21.9	14.4	20.5	20.3	20.9	21.1	20.7	19.5	91.9	0.0	4.3	0.0	2.2	WSW	0.0
09	13	18.8	26.9	13.1	20.0	19.8	20.7	21.2	20.7	19.6	77.8	0.0	14.7	0.1	2.7	SSE	0.0
09	14	16.9	19.3	15.1	19.6	19.6	20.5	21.1	20.6	19.6	93.7	1.5	3.3	0.0	2.6	E	0.0
09	15	18.6	24.8	15.5	20.1	19.7	20.4	21.0	20.6	19.5	88.3	0.0	11.0	0.1	3.1	ESE	0.0
09	16	16.9	22.0	14.7	19.7	19.7	20.5	21.0	20.5	19.5	89.5	0.0	6.4	0.1	3.6	ESE	0.0
09	17	15.5	17.5	13.8	19.2	19.2	20.2	21.0	20.5	19.5	96.1	2.0	3.6	0.1	3.1	E	0.0
09	18	17.3	19.8	14.8	19.2	18.9	19.9	20.8	20.4	19.3	98.6	11.0	3.1	0.0	2.1	E	0.0
09	19	19.6	27.2	14.0	20.1	19.5	20.2	20.7	20.3	19.3	83.9	0.0	17.5	0.0	2.9	SSE	0.0
09	20	17.3	26.2	11.1	19.5	19.4	20.2	20.7	20.3	19.3	78.3	0.0	16.1	0.1	3.1	SE	0.0
09	21	17.6	25.2	10.3	19.1	19.0	19.9	20.7	20.3	19.3	79.6	0.0	17.8	0.1	3.3	SSE	0.0
09	22	19.8	27.2	14.6	19.9	19.5	20.1	20.6	20.2	19.4	87.6	2.0	10.9	0.0	3.1	ESE	0.0
09	23	20.6	28.7	14.4	20.7	20.2	20.5	20.6	20.1	19.4	82.0	0.5	16.6	0.2	4.0	ESE	0.0
09	24	18.1	25.2	12.6	19.7	19.7	20.5	20.8	20.2	19.4	78.1	0.0	11.2	0.1	3.5	SSE	0.0
09	25	15.1	16.3	13.0	19.0	19.2	20.1	20.7	20.1	19.3	96.4	3.0	1.8	0.1	2.5	E	0.0
09	26	12.9	14.4	11.7	18.1	18.3	19.5	20.6	20.1	19.2	99.2	6.0	1.7	0.0	3.0	E	0.0
09	27	14.2	18.6	11.1	17.7	17.8	19.0	20.3	20.0	19.1	92.7	0.0	7.0	0.1	4.6	E	0.0
09	28	15.4	20.0	10.7	17.9	17.8	18.8	20.1	20.0	19.2	90.3	0.0	7.8	0.1	4.6	E	0.0
09	29	15.9	22.1	11.6	18.0	17.9	18.8	19.9	19.9	19.1	91.4	0.0	7.8	0.1	3.4	ESE	0.0
09	30	17.5	23.6	13.2	18.5	18.2	18.9	19.8	19.8	19.1	89.8	1.0	10.6	0.1	4.1	ESE	0.0
計	Total											141.5					
平均	Mean	16.9	21.5	13.5	19.5	19.4	20.3	21.1	20.7	19.4	91.5	4.7	7.8	0.1	3.3		
最高	Max.	21.1	28.7	16.8	22.6	22.9	23.7	23.6	21.8	19.6	99.3	38.0	18.5				0.0
最低	Min.	12.9	14.4	10.3	17.7	17.8	18.8	19.8	19.8	19.1	77.8	0.0	1.2				0.0

2021年 10月  
Oct. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
10	1	14.9	16.1	13.5	17.8	17.7	18.9	19.8	19.7	19.0	99.1	33.0	0.5	0.1	4.6	E	0.0
10	2	17.8	26.9	12.4	17.9	17.6	18.5	19.6	19.6	19.0	80.5	0.0	13.9	0.2	4.4	WSW	0.0
10	3	16.7	24.9	10.2	17.8	17.7	18.6	19.5	19.6	19.0	78.5	0.0	16.4	0.2	3.0	SSW	0.0
10	4	17.5	28.3	10.3	17.8	17.7	18.5	19.5	19.5	19.0	79.1	0.0	16.0	0.1	3.1	SW	0.0
10	5	18.5	27.1	12.5	18.2	18.0	18.7	19.4	19.5	19.0	78.4	0.0	15.0	0.2	4.3	SSW	0.0
10	6	18.6	27.8	12.5	18.8	18.3	18.9	19.4	19.4	19.0	71.9	0.5	13.5	0.3	4.5	ESE	0.0
10	7	15.3	18.3	13.6	19.1	18.8	19.3	19.5	19.3	19.0	95.0	0.5	5.2	0.1	4.0	E	0.0
10	8	17.5	27.3	10.7	19.1	18.7	19.3	19.6	19.3	19.0	81.6	0.0	13.7	0.1	2.6	SW	0.0
10	9	17.0	24.4	13.7	19.1	18.8	19.4	19.7	19.3	19.0	91.6	1.0	6.9	0.1	4.0	E	0.0
10	10	15.7	18.4	13.6	19.2	18.8	19.4	19.7	19.2	18.9	96.3	0.5	3.8	0.1	3.7	E	0.0
10	11	18.2	27.2	11.2	19.2	18.8	19.3	19.7	19.2	18.9	83.2	0.0	15.0	0.1	3.9	SSW	0.0
10	12	16.0	17.9	13.9	19.1	18.9	19.6	19.7	19.2	18.9	96.7	1.5	1.4	0.1	3.1	E	0.0
10	13	13.2	14.5	12.0	17.9	17.9	19.0	19.7	19.1	18.7	99.7	29.0	1.3	0.0	2.8	E	0.0
10	14	15.0	21.2	11.7	18.2	17.7	18.6	19.5	19.1	18.7	91.0	0.5	11.5	0.1	3.6	SE	0.0
10	15	16.2	23.1	9.7	18.4	17.9	18.7	19.4	19.1	18.7	86.0	0.0	14.3	0.1	4.3	SSE	0.0
10	16	16.7	22.1	14.3	19.1	18.5	19.1	19.4	19.1	18.7	93.0	0.0	7.7	0.2	4.6	ESE	0.0
10	17	11.2	16.0	4.7	17.8	17.9	19.0	19.5	19.0	18.6	90.3	5.5	4.6	0.1	5.8	WNW	0.0
10	18	7.4	12.1	2.8	15.3	15.9	17.7	19.3	19.0	18.6	85.8	0.0	8.0	0.2	5.3	ESE	0.0
10	19	8.8	14.8	5.6	15.0	15.3	16.9	18.9	19.0	18.6	89.8	0.0	7.6	0.1	4.7	ESE	0.0
10	20	10.4	18.8	3.8	15.1	15.2	16.6	18.5	18.9	18.5	74.1	0.0	14.6	0.5	7.0	WSW	0.0
10	21	8.6	17.2	2.5	14.1	14.5	16.1	18.2	18.8	18.6	72.4	0.0	11.8	0.3	3.8	S	0.0
10	22	6.6	7.5	4.8	13.3	13.9	15.6	17.9	18.7	18.5	95.6	3.5	1.1	0.0	1.0	WSW	0.0
10	23	7.8	15.2	2.8	13.0	13.3	15.0	17.5	18.5	18.5	76.0	0.0	11.0	0.4	4.5	WSW	0.0
10	24	8.3	17.2	2.1	12.5	12.9	14.5	17.1	18.4	18.5	76.7	0.0	12.7	0.3	3.1	SSW	0.0
10	25	7.7	10.9	4.7	12.3	12.7	14.3	16.8	18.2	18.5	93.6	9.5	2.7	0.0	1.7	WSW	0.0
10	26	10.0	18.2	6.1	12.7	12.6	14.0	16.4	18.0	18.4	91.2	9.5	8.1	0.1	3.5	WSW	0.0
10	27	9.4	16.1	5.6	12.6	12.7	14.1	16.1	17.8	18.4	94.7	0.0	4.5	0.2	4.6	ESE	0.0
10	28	11.4	20.3	5.3	13.2	13.0	14.1	16.0	17.6	18.3	78.6	0.0	12.6	0.2	3.7	SSE	0.0
10	29	9.1	18.0	3.4	12.6	12.8	14.1	15.9	17.4	18.3	70.0	0.0	13.3	0.4	5.4	WSW	0.0
10	30	8.7	17.3	2.6	12.1	12.3	13.7	15.8	17.3	18.3	78.0	0.0	12.6	0.3	3.2	SSW	0.0
10	31	8.6	13.2	5.2	11.9	12.2	13.5	15.6	17.1	18.2	93.5	0.0	3.2	0.0	2.1	W	0.0
計	Total											94.5					
平均	Mean	12.9	19.3	8.3	16.1	16.1	17.2	18.5	18.8	18.7	85.9	3.0	9.2	0.2	3.9		
最高	Max.	18.6	28.3	14.3	19.2	18.9	19.6	19.8	19.7	19.0	99.7	33.0	16.4	0.5	7.0		0.0
最低	Min.	6.6	7.5	2.1	11.9	12.2	13.5	15.6	17.1	18.2	70.0	0.0	0.5	0.0	1.0		0.0

2021年 11月  
Nov. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
11	1	11.2	18.1	6.2	12.3	12.2	13.4	15.4	17.0	18.2	89.9	0.0	7.0	0.2	4.6	ESE	0.0
11	2	10.7	16.5	7.0	12.7	12.7	13.7	15.3	16.8	18.1	87.9	0.0	4.4	0.1	3.8	E	0.0
11	3	11.6	19.8	6.6	12.8	12.7	13.7	15.2	16.7	18.1	74.7	0.0	10.8	0.2	3.2	S	0.0
11	4	10.3	18.6	4.7	12.6	12.7	13.7	15.2	16.6	18.0	72.8	0.0	10.9	0.3	2.8	SSW	0.0
11	5	9.6	18.4	4.6	12.2	12.4	13.5	15.1	16.5	18.0	74.0	0.0	12.1	0.4	4.4	S	0.0
11	6	9.3	16.7	3.5	11.8	12.0	13.2	15.0	16.4	17.9	79.5	0.0	10.9	0.3	3.5	S	0.0
11	7	10.1	17.6	5.7	12.3	12.3	13.3	14.9	16.3	17.9	82.3	0.0	10.0	0.3	4.4	S	0.0
11	8	10.3	15.8	7.9	12.3	12.4	13.3	14.8	16.2	17.8	88.5	0.0	4.3	0.1	2.0	S	0.0
11	9	11.1	13.5	8.4	12.4	12.3	13.3	14.8	16.0	17.6	99.3	22.0	1.5	0.0	1.8	WSW	0.0
11	10	10.4	16.2	5.6	12.5	12.4	13.4	14.7	15.9	17.6	63.7	0.5	10.4	1.2	9.6	W	0.0
11	11	9.1	18.6	3.4	11.2	11.6	12.9	14.6	15.8	17.5	61.5	0.0	11.3	0.4	5.5	WSW	0.0
11	12	8.0	17.2	3.0	10.4	10.9	12.4	14.4	15.8	17.5	57.2	0.0	9.5	0.8	7.9	W	0.0
11	13	7.3	16.7	1.6	9.9	10.4	11.8	14.1	15.7	17.4	61.8	0.0	11.2	0.4	2.9	WSW	0.0
11	14	8.1	17.0	2.7	10.0	10.3	11.6	13.9	15.6	17.3	67.5	0.0	10.6	0.4	3.2	SSW	0.0
11	15	9.1	19.2	3.4	9.9	10.2	11.5	13.6	15.5	17.3	60.8	0.0	10.9	0.4	3.3	WSW	0.0
11	16	8.4	16.7	4.0	9.9	10.1	11.4	13.5	15.3	17.2	75.4	0.0	8.1	0.4	3.4	SE	0.0
11	17	7.7	16.0	3.0	9.8	10.1	11.3	13.3	15.2	17.1	80.8	0.0	7.9	0.2	2.3	SW	0.0
11	18	6.9	13.8	3.2	9.8	10.1	11.2	13.2	15.0	17.1	87.8	0.0	6.1	0.2	4.0	SE	0.0
11	19	7.9	16.9	2.8	9.3	9.7	10.9	13.1	14.9	17.0	70.4	0.0	8.5	0.4	2.8	WSW	0.0
11	20	8.6	16.3	4.6	9.4	9.6	10.8	12.9	14.8	17.0	73.9	0.0	9.2	0.4	3.4	SSE	0.0
11	21	8.4	14.9	3.3	9.7	9.8	10.8	12.7	14.7	16.9	83.9	0.0	5.6	0.3	3.4	S	0.0
11	22	8.7	11.7	7.3	10.4	10.3	11.1	12.7	14.5	16.8	97.0	12.5	2.5	0.3	7.3	SE	0.0
11	23	6.7	14.1	1.6	10.2	10.2	11.2	12.7	14.4	16.7	78.9	0.0	10.1	0.4	4.9	SW	0.0
11	24	5.6	14.3	0.9	8.7	9.3	10.7	12.7	14.3	16.6	55.9	0.0	9.9	0.8	7.6	W	0.0
11	25	7.1	16.9	0.4	8.2	8.6	10.1	12.4	14.2	16.6	56.9	0.0	10.0	0.5	4.3	W	0.0
11	26	7.5	15.8	1.8	8.3	8.6	9.9	12.2	14.1	16.5	54.2	0.0	9.5	0.7	6.7	W	0.0
11	27	4.0	9.7	0.7	7.3	8.0	9.6	12.0	14.0	16.5	51.5	0.0	7.7	0.9	6.8	W	0.0
11	28	3.9	12.9	-1.9	6.5	7.3	8.9	11.7	13.9	16.4	50.4	0.0	9.9	0.6	5.5	NW	0.0
11	29	1.9	9.1	-2.7	5.5	6.5	8.3	11.4	13.8	16.4	57.6	0.0	5.9	0.2	2.5	WSW	0.0
11	30	6.8	15.4	0.3	5.9	6.3	7.9	11.0	13.7	16.3	54.9	0.0	8.5	1.1	9.9	WNW	0.0
計	Total											35.0					
平均	Mean	8.2	15.8	3.4	10.1	10.4	11.6	13.6	15.3	17.2	71.7	1.2	8.5	0.4	4.6		
最高	Max.	11.6	19.8	8.4	12.8	12.7	13.7	15.4	17.0	18.2	99.3	22.0	12.1	1.2	9.9		0.0
最低	Min.	1.9	9.1	-2.7	5.5	6.3	7.9	11.0	13.7	16.3	50.4	0.0	1.5	0.0	1.8		0.0

2021年 12月  
Dec. 2021

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			積雪深 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 <sup>2</sup>	平均 Mean	最大 Max.	風向 Dir.	Snow Depth
12	1	8.9	16.3	3.1	8.2	7.7	8.5	10.5	13.4	16.1	67.0	39.5	8.4	1.1	7.3	WNW	0.0
12	2	3.9	11.4	-0.9	6.7	7.2	8.5	10.5	13.1	16.1	54.5	0.0	9.6	0.7	7.9	WNW	0.0
12	3	4.1	13.9	-2.0	6.0	6.5	8.0	10.4	12.9	16.0	64.2	0.0	9.4	0.6	7.3	WNW	0.0
12	4	4.9	13.8	-0.5	6.0	6.4	7.8	10.2	12.8	15.9	56.7	0.0	9.5	0.5	5.2	W	0.0
12	5	1.8	9.6	-2.3	5.2	5.9	7.4	10.0	12.7	15.8	72.0	0.0	9.1	0.4	3.4	SSW	0.0
12	6	2.5	5.0	-1.7	5.1	5.5	7.1	9.8	12.5	15.7	92.8	0.5	1.1	0.0	1.6	W	0.0
12	7	6.6	9.3	4.5	6.6	6.4	7.4	9.6	12.3	15.6	98.6	11.0	1.6	0.1	4.1	NNW	0.0
12	8	4.9	6.7	3.4	6.8	6.7	7.7	9.5	12.1	15.5	97.7	19.5	1.6	0.1	2.2	N	0.0
12	9	5.1	13.1	0.1	6.9	6.8	7.8	9.4	11.9	15.4	87.3	0.0	8.7	0.3	2.9	SSW	0.0
12	10	2.9	10.4	-0.4	6.1	6.4	7.7	9.5	11.7	15.3	91.0	0.0	7.1	0.1	3.7	S	0.0
12	11	5.4	15.0	0.2	5.8	6.1	7.4	9.4	11.7	15.2	74.6	0.0	8.7	0.2	2.2	SW	0.0
12	12	7.1	14.8	2.2	6.5	6.4	7.4	9.3	11.6	15.1	72.0	0.0	8.7	0.4	3.7	SW	0.0
12	13	4.4	11.7	-2.2	6.5	6.7	7.7	9.3	11.5	15.0	65.7	0.0	9.1	0.4	5.6	SSE	0.0
12	14	0.5	8.3	-3.5	4.5	5.4	7.0	9.2	11.4	14.9	74.8	0.0	7.4	0.2	4.2	SE	0.0
12	15	3.9	14.5	-1.9	4.3	4.8	6.4	9.0	11.3	14.8	60.4	0.0	8.8	0.3	3.2	SSW	0.0
12	16	4.8	13.3	0.6	4.7	5.0	6.3	8.7	11.2	14.8	66.4	0.0	7.4	0.2	4.3	S	0.0
12	17	5.7	13.5	-1.9	6.0	5.7	6.7	8.6	11.0	14.6	79.3	5.5	6.0	0.5	8.6	W	0.0
12	18	-1.7	4.6	-5.6	4.8	5.4	6.7	8.6	10.9	14.5	57.8	0.0	8.9	0.9	9.0	SW	1.0
12	19	-1.0	7.1	-6.0	3.0	3.9	5.8	8.5	10.9	14.5	60.6	0.0	8.2	0.3	4.9	SSE	0.0
12	20	1.4	10.1	-3.0	3.0	3.6	5.3	8.2	10.8	14.4	63.7	0.0	8.8	0.4	3.4	WSW	0.0
12	21	4.2	14.3	-1.1	3.5	3.8	5.2	7.9	10.7	14.3	61.1	0.0	8.8	0.5	2.7	W	0.0
12	22	3.2	11.1	-2.0	3.8	4.1	5.3	7.7	10.5	14.3	67.7	0.0	8.6	0.6	5.2	W	0.0
12	23	2.0	11.0	-2.0	3.2	3.8	5.2	7.6	10.4	14.2	56.6	0.0	8.7	0.5	4.5	WSW	0.0
12	24	3.6	12.9	-1.9	3.4	3.7	5.0	7.4	10.3	14.1	69.8	0.0	8.6	0.4	3.6	SW	0.0
12	25	3.9	12.8	-2.6	4.9	4.7	5.5	7.3	10.1	14.0	77.8	0.0	8.4	0.5	4.6	ESE	0.0
12	26	-3.2	3.7	-7.5	2.7	3.7	5.3	7.4	10.0	14.0	57.6	0.0	6.8	0.7	7.0	SSE	0.0
12	27	-3.0	4.5	-8.3	1.4	2.4	4.3	7.2	9.9	13.9	48.1	0.0	8.6	0.6	6.5	SW	0.0
12	28	-1.3	6.3	-5.5	1.8	2.3	3.9	6.9	9.8	13.9	63.3	0.0	8.9	0.4	2.9	SSE	1.0
12	29	-0.8	6.7	-6.2	1.4	2.1	3.7	6.6	9.7	13.8	62.0	0.0	8.6	0.4	3.1	SW	0.0
12	30	3.3	10.7	-1.3	2.0	2.3	3.7	6.4	9.6	13.7	56.1	0.0	6.4	1.3	8.0	W	0.0
12	31	-3.5	1.2	-8.4	1.8	2.3	3.7	6.3	9.4	13.6	80.6	0.0	3.6	0.5	5.1	WSW	1.0
計	Total											76.0					
平均	Mean	2.7	10.2	-2.1	4.6	5.0	6.3	8.6	11.2	14.8	69.6	2.5	7.6	0.5	4.8		
最高	Max.	8.9	16.3	4.5	8.2	7.7	8.5	10.5	13.4	16.1	98.6	39.5	9.6	1.3	9.0		1.0
最低	Min.	-3.5	1.2	-8.4	1.4	2.1	3.7	6.3	9.4	13.6	48.1	0.0	1.1	0.0	1.6		0.0