

2003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			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均 Mean	最大 Max.	風向 Dir.	Snowfall Depth
01	1	-1.1	1.5	-2.4	1.2	2.0	2.7	4.8	7.8	12.2	96.2	4.5	0.4	0.3	3.4	ESE	5
01	2	-2.2	4.1	-7.5	1.4	2.1	2.8	4.7	7.7	12.1	74.8	3.5	6.5	0.6	6.7	W	15
01	3	-5.7	-3.4	-8.3	1.3	2.1	2.8	4.7	7.6	12.0	89.2	0.5	0.0	0.5	4.4	E	-
01	4	0.7	9.4	-4.6	1.3	2.1	2.8	4.6	7.5	11.9	64.0	16.5	7.4	1.7	12.1	WNW	20
01	5	-3.2	1.1	-6.7	1.5	2.2	2.9	4.6	7.4	11.8	53.8	0.0	2.9	1.6	10.7	W	-
01	6	-3.6	4.5	-9.2	1.5	2.2	2.9	4.6	7.3	11.7	56.4	1.0	7.5	0.9	5.9	WSW	-
01	7	-2.8	5.3	-8.3	1.4	2.1	2.9	4.6	7.2	11.6	58.5	0.5	7.5	0.7	4.0	WSW	-
01	8	-1.9	6.2	-6.9	1.3	2.1	2.8	4.5	7.1	11.5	64.3	0.0	7.5	1.0	4.1	W	-
01	9	-2.0	6.0	-7.3	1.2	2.0	2.8	4.5	7.1	11.4	70.6	0.0	7.5	0.8	4.0	WSW	-
01	10	1.0	10.0	-4.3	1.2	2.0	2.7	4.4	7.0	11.3	65.0	0.0	7.5	0.7	4.3	WSW	-
01	11	1.1	9.3	-3.7	1.4	2.1	2.7	4.4	6.9	11.3	65.9	0.0	7.6	0.7	4.6	WSW	-
01	12	0.7	9.7	-4.4	1.4	2.1	2.7	4.3	6.8	11.2	64.4	0.0	7.6	0.7	4.1	SW	-
01	13	0.8	8.7	-4.7	1.3	2.0	2.7	4.3	6.8	11.1	73.3	0.0	6.4	0.6	3.8	WSW	-
01	14	3.3	12.2	-2.3	1.2	1.9	2.6	4.2	6.7	11.0	54.8	0.0	6.9	1.5	10.6	W	-
01	15	-2.6	1.7	-7.6	1.3	1.9	2.6	4.2	6.6	10.9	46.1	0.0	5.3	1.4	9.4	WSW	0.5
01	16	-3.9	3.9	-9.6	0.6	1.6	2.4	4.1	6.6	10.8	53.2	0.0	7.7	0.8	3.8	WSW	-
01	17	2.0	11.3	-4.7	0.3	1.3	2.1	4.0	6.5	10.7	55.1	0.0	7.7	0.9	4.5	WNW	-
01	18	1.0	7.0	-2.5	0.4	1.2	2.0	3.9	6.4	10.7	71.2	0.0	2.8	0.4	4.2	WNW	-
01	19	-0.4	3.7	-3.8	0.4	1.2	2.0	3.8	6.3	10.6	83.6	2.5	2.0	0.4	3.7	SE	-
01	20	0.3	5.3	-2.3	0.6	1.3	2.0	3.7	6.3	10.5	93.3	4.5	3.2	0.2	4.0	S	13
01	21	-1.8	3.5	-6.9	0.8	1.4	2.0	3.7	6.2	10.4	81.4	2.5	2.3	0.6	6.0	W	8
01	22	-2.8	4.7	-8.7	0.8	1.4	2.1	3.6	6.1	10.3	65.1	1.5	5.9	0.8	3.6	WSW	-
01	23	-3.0	0.8	-5.4	0.7	1.4	2.1	3.6	6.0	10.2	90.5	0.0	0.0	0.5	6.1	WNW	21
01	24	-1.2	3.9	-4.4	0.7	1.4	2.1	3.6	6.0	10.2	67.4	13.0	4.0	1.6	7.7	WNW	3
01	25	-1.0	5.4	-4.8	0.8	1.4	2.1	3.6	5.9	10.1	47.6	1.5	8.1	1.9	10.0	W	-
01	26	-1.3	6.3	-7.2	0.9	1.4	2.1	3.5	5.8	10.0	65.9	1.5	6.9	0.7	4.2	SSW	-
01	27	-1.1	0.4	-2.6	0.7	1.4	2.0	3.4	5.8	9.9	97.8	26.5	0.0	0.3	3.4	ESE	4
01	28	3.1	8.9	-1.9	0.5	1.0	1.4	2.9	5.4	9.9	56.0	4.0	8.4	1.8	8.9	WNW	-
01	29	-3.6	-0.3	-7.2	0.7	1.2	1.7	2.9	5.3	9.8	32.8	1.5	1.2	2.9	13.9	W	-
01	30	-1.7	4.9	-6.9	0.3	1.0	1.7	3.0	5.3	9.7	37.3	1.0	8.5	2.7	13.9	W	-
01	31	-1.0	8.3	-6.8	0.2	0.9	1.6	3.1	5.3	9.6	53.0	1.0	8.4	0.9	7.3	WSW	-
計	Total											87.5	165.7				
平均	Mean	-1.1	5.3	-5.6	0.9	1.6	2.3	4.0	6.5	10.8	66.1	2.8	5.3	1.0	6.3		9.9
最大	Max.	3.3	12.2	-1.9	1.5	2.2	2.9	4.8	7.8	12.2	97.8	26.5	8.5	2.9	13.9		21.0
最低	Min.	-5.7	-3.4	-9.6	0.2	0.9	1.4	2.9	5.3	9.6	32.8	0.0	0.0	0.2	3.4		0.5

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

2003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			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均 Mean	最大 Max.	風向 Dir.	Snowfall Depth
02	1	-2.1	5.9	-7.3	0.2	0.9	1.5	3.0	5.2	9.5	59.2	0.5	8.7	0.9	6.2	S	-
02	2	-3.2	1.7	-8.0	0.2	0.9	1.5	3.0	5.2	9.4	63.9	1.0	4.6	0.9	4.1	SW	-
02	3	-1.6	6.6	-6.9	0.1	0.8	1.5	3.0	5.2	9.4	62.6	0.5	7.0	0.9	3.7	WSW	-
02	4	-2.6	3.0	-7.5	0.1	0.8	1.4	2.9	5.1	9.3	71.9	36.0	3.3	0.7	4.4	WSW	-
02	5	-0.9	5.5	-4.2	0.1	0.7	1.4	2.9	5.1	9.2	80.9	1.5	3.4	0.3	3.1	S	2
02	6	-1.2	6.9	-6.4	0.1	0.7	1.4	2.8	5.0	9.1	54.4	0.0	8.9	0.9	8.4	WSW	-
02	7	-0.4	9.7	-7.4	0.0	0.7	1.3	2.8	5.0	9.1	60.1	0.5	9.0	0.8	4.0	WSW	-
02	8	1.8	10.2	-3.0	0.0	0.6	1.3	2.7	4.9	9.0	59.1	0.5	5.7	0.5	3.7	WSW	-
02	9	4.2	13.3	-0.7	-0.1	0.5	1.1	2.6	4.9	8.9	87.0	15.5	8.9	0.3	3.2	NW	10
02	10	4.4	11.9	0.9	-0.1	0.4	1.0	2.4	4.7	8.9	84.8	0.0	4.3	0.4	4.4	S	-
02	11	3.3	5.3	2.2	0.0	0.6	1.1	2.4	4.5	8.8	96.4	1.0	0.0	0.2	2.7	S	-
02	12	1.0	7.5	-4.6	0.5	0.9	1.3	2.4	4.4	8.7	74.7	0.5	6.6	0.7	5.3	ESE	-
02	13	-0.9	6.5	-5.9	0.7	1.1	1.4	2.4	4.4	8.5	72.6	0.5	9.3	0.7	5.3	SSW	-
02	14	0.9	10.6	-5.0	1.1	1.3	1.5	2.5	4.3	8.4	59.7	0.0	9.6	1.1	9.1	WSW	-
02	15	0.4	8.8	-6.1	1.3	1.5	1.6	2.5	4.3	8.3	62.9	0.0	9.7	0.7	4.6	SSW	-
02	16	-0.3	3.0	-2.1	0.7	1.4	1.7	2.5	4.3	8.2	86.8	2.0	0.0	0.1	3.1	WSW	-
02	17	1.2	11.2	-4.5	1.9	1.7	1.7	2.5	4.2	8.2	67.5	1.0	9.7	0.5	4.8	SW	2
02	18	-0.8	3.3	-4.3	0.9	1.6	1.9	2.6	4.2	8.1	78.1	0.0	2.2	0.5	5.0	SE	0
02	19	0.3	6.2	-2.1	2.0	1.9	1.9	2.6	4.2	8.0	85.2	0.0	2.7	0.4	4.6	SSE	-
02	20	0.1	5.1	-2.3	2.1	2.2	2.3	2.7	4.2	8.0	83.3	0.5	0.5	0.5	7.8	SE	1
02	21	1.4	10.7	-4.2	2.6	2.5	2.5	2.8	4.2	7.9	49.8	1.0	9.8	0.9	5.4	SSE	-
02	22	0.7	7.0	-4.2	2.5	2.7	2.7	3.0	4.2	7.9	76.4	0.0	3.4	0.4	4.1	SE	-
02	23	1.5	4.4	-0.5	2.7	2.9	2.9	3.1	4.2	7.8	92.2	0.0	0.0	0.1	2.4	SE	-
02	24	-1.4	-0.2	-2.3	2.0	2.6	2.9	3.2	4.3	7.8	98.3	4.5	0.0	0.3	2.9	ESE	6
02	25	-0.1	7.8	-5.0	2.8	2.7	2.8	3.3	4.3	7.8	76.6	1.0	7.3	0.7	6.0	WSW	-
02	26	1.8	10.5	-4.9	3.2	3.1	3.1	3.3	4.3	7.7	70.2	0.5	8.6	0.7	4.3	S	-
02	27	3.0	9.9	-3.7	4.2	3.9	3.6	3.5	4.4	7.7	51.3	0.0	10.1	1.3	7.9	SW	-
02	28	0.7	10.7	-6.8	3.6	3.8	3.7	3.7	4.4	7.7	43.1	0.0	10.0	0.9	4.7	SW	-
計	Total											68.5	163.3				
平均	Mean	0.4	7.2	-4.2	1.3	1.6	1.9	2.8	4.6	8.5	71.7	2.4	5.8	0.6	4.8		3.5
最大	Max.	4.4	13.3	2.2	4.2	3.9	3.7	3.7	5.2	9.5	98.3	36.0	10.1	1.3	9.1		10.0
最低	Min.	-3.2	-0.2	-8.0	-0.1	0.4	1.0	2.4	4.2	7.7	43.1	0.0	0.0	0.1	2.4		0.0

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

2003年 03月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	風速 m/sec			降雪深
		Air Temperature			Soil Temperature						Hum. %	Prec. mm	Sun hrs	Wind Velocity			Snowfall cm
Date		平均	最高	最低	0.0	0.1	0.2	0.5	1.0	2.0m deep				平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.									Mean	Max.	Dir.		
03	1	-0.3	4.1	-3.3	1.9	3.0	3.4	3.8	4.5	7.7	75.4	46.0	0.0	0.4	4.0	ESE	-
03	2	4.8	12.0	-0.3	3.5	3.1	3.1	3.6	4.4	7.6	57.5	4.5	9.2	2.0	15.9	W	-
03	3	3.5	12.2	-1.4	3.4	3.5	3.5	3.5	4.4	7.5	75.0	7.5	2.8	1.9	14.5	WNW	-
03	4	-1.8	2.7	-5.8	3.2	3.5	3.6	3.6	4.4	7.4	48.9	0.0	7.3	2.0	9.5	WNW	1
03	5	-1.5	7.9	-8.0	2.4	3.0	3.2	3.7	4.4	7.4	49.8	1.5	7.2	0.8	5.8	S	-
03	6	-0.3	5.3	-4.9	2.2	2.7	3.0	3.7	4.5	7.4	72.8	0.5	2.8	0.6	4.9	SE	-
03	7	0.2	2.5	-1.8	2.1	2.7	3.0	3.6	4.5	7.4	96.5	32.0	0.0	0.4	7.2	NW	25
03	8	3.0	9.5	-0.2	1.7	2.3	2.8	3.6	4.5	7.3	61.8	5.5	6.8	1.6	9.7	WNW	-
03	9	0.5	5.6	-3.6	1.6	2.1	2.5	3.5	4.5	7.3	49.1	0.0	9.4	1.9	10.6	W	-
03	10	-1.1	5.6	-5.9	1.7	2.0	2.4	3.3	4.5	7.3	51.7	0.5	8.8	1.7	8.5	W	-
03	11	-1.4	5.6	-6.2	1.9	2.1	2.4	3.2	4.5	7.3	48.7	0.0	8.6	1.3	11.2	WSW	-
03	12	-0.6	9.4	-7.5	2.4	2.4	2.5	3.1	4.4	7.3	53.9	0.5	10.0	0.8	6.7	S	-
03	13	-0.3	8.7	-6.8	2.6	2.7	2.7	3.2	4.4	7.2	60.3	0.0	7.8	0.7	4.6	SE	-
03	14	1.2	9.9	-4.5	3.1	3.0	2.9	3.2	4.3	7.2	56.8	0.0	8.6	0.7	5.2	S	-
03	15	0.6	3.3	-1.1	2.7	3.0	3.1	3.4	4.3	7.2	89.6	0.0	0.0	0.1	2.2	W	0
03	16	2.6	11.3	-2.7	3.8	3.4	3.3	3.4	4.3	7.2	86.1	7.5	6.5	0.5	4.7	SSE	-
03	17	0.9	3.3	-1.5	3.4	3.7	3.7	3.6	4.3	7.2	98.6	2.5	0.0	0.3	3.3	E	-
03	18	1.0	7.6	-2.8	3.5	3.5	3.6	3.7	4.4	7.1	87.9	2.5	4.3	0.5	4.7	SE	-
03	19	1.7	9.9	-2.1	4.7	4.3	4.1	3.8	4.4	7.1	74.0	1.5	4.5	0.5	5.6	S	6
03	20	1.5	10.3	-4.0	4.7	4.5	4.3	4.0	4.4	7.1	56.2	0.0	9.9	1.3	7.3	WSW	-
03	21	1.7	11.2	-5.3	4.8	4.7	4.5	4.2	4.5	7.1	59.0	0.0	10.0	0.8	5.3	SSW	-
03	22	0.0	3.0	-3.0	3.3	4.1	4.3	4.3	4.6	7.1	78.0	0.5	0.0	0.3	3.4	SE	-
03	23	4.6	14.5	-2.7	4.9	4.3	4.2	4.3	4.6	7.1	72.4	0.0	7.5	0.7	5.5	SSW	-
03	24	7.7	16.5	1.2	6.7	5.8	5.2	4.5	4.7	7.1	68.9	0.5	7.6	0.8		SW	-
03	25	5.2	7.2	3.7	6.1	6.2	5.8	4.8	4.7	7.0	93.4	8.0	0.0	0.4	3.8	W	-
03	26	7.2	16.7	0.5	7.4	6.5	6.0	5.1	4.8	7.0	68.8	0.0	9.6	0.8	7.2	WSW	-
03	27	9.0	18.7	0.5	8.1	7.3	6.6	5.4	4.9	7.0	66.4	0.5	6.8	1.4	9.4	WSW	-
03	28	8.2	16.0	3.5	8.7	8.0	7.3	5.8	5.0	7.0	49.5	0.0	9.4	1.1	7.2	SE	-
03	29	4.6	12.8	-2.1	7.5	7.7	7.4	6.1	5.2	7.0	58.7	0.0	1.5	0.7	7.9	SSE	-
03	30	4.3	12.8	-2.9	6.8	6.8	6.8	6.3	5.3	7.0	60.6	0.0	5.9	0.7	5.3	S	-
03	31	8.4	18.5	1.1	7.8	7.3	7.0	6.3	5.5	7.0	65.5	0.0	5.7	0.8	4.9	W	-
計	Total											122.0	178.6				
平均	Mean	2.4	9.5	-2.6	4.1	4.2	4.1	4.1	4.6	7.2	67.5	3.9	5.8	0.9	6.9		8.0
最大	Max.	9.0	18.7	3.7	8.7	8.0	7.4	6.3	5.5	7.7	98.6	46.0	10.0	2.0	15.9		25.0
最低	Min.	-1.8	2.5	-8.0	1.6	2.0	2.4	3.1	4.3	7.0	48.7	0.0	0.0	0.1	2.2		0.0

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

2003年 04月

气象月報
Monthly Report of Meteorological Data at Tochimoto

秩父演習林栃本

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
04	1	9.0	17.7	2.9	8.7	8.0	7.5	6.4	5.6	7.0	60.9	0.0	7.8	0.9	5.6	ESE	-
04	2	4.7	6.3	2.9	7.6	7.9	7.7	6.7	5.7	7.0	95.2	3.5	0.0	0.1	2.2	ESE	-
04	3	5.7	12.6	0.4	8.1	7.9	7.6	6.8	5.9	7.0	82.8	1.0	5.3	0.5	4.4	ESE	-
04	4	4.4	11.8	-1.2	7.8	7.8	7.6	6.9	6.0	7.0	78.8	3.5	5.0	0.7	4.5	SSE	-
04	5	0.8	2.1	0.2	5.5	6.8	7.3	7.0	6.1	7.1	98.3	46.0	0.0	0.2	3.4	WNW	20
04	6	4.1	9.9	0.6	3.8	4.9	5.9	6.8	6.2	7.1	64.8	0.0	9.9	1.3	10.0	NW	-
04	7	6.7	16.8	-0.2	5.0	4.9	5.2	6.3	6.3	7.1	61.8	0.0	8.8	0.8	4.8	W	-
04	8	8.6	15.0	4.9	6.3	6.1	5.9	6.0	6.3	7.1	82.6	27.0	0.6	1.8	18.4	NW	-
04	9	8.0	18.0	0.8	8.0	7.3	6.8	6.1	6.2	7.1	72.1	0.0	5.3	0.9	9.6	ENE	-
04	10	4.7	13.6	-2.2	7.6	7.4	7.1	6.4	6.2	7.1	56.1	0.0	9.9	0.8	4.9	SE	-
04	11	7.2	15.2	-1.4	8.1	7.6	7.3	6.6	6.3	7.2	62.1	0.0	6.0	1.3	8.7	SW	-
04	12	10.5	16.7	5.0	8.8	8.4	8.0	6.9	6.3	7.2	83.0	5.5	1.9	1.1	10.8	NW	-
04	13	12.9	21.9	6.7	11.1	9.7	8.7	7.2	6.4	7.2	75.6	0.0	8.2	0.8	5.8	E	-
04	14	8.9	14.9	5.2	10.3	10.1	9.5	7.7	6.5	7.3	82.4	4.0	2.0	0.6	4.0	ESE	-
04	15	6.2	7.5	5.3	9.0	9.3	9.2	8.1	6.6	7.3	97.9	9.5	0.0	0.1	2.5	SE	-
04	16	11.3	19.7	5.1	11.2	10.1	9.4	8.2	6.8	7.3	80.9	0.5	9.5	0.7	4.6	SE	-
04	17	14.3	25.0	4.8	12.3	11.3	10.4	8.5	6.9	7.3	64.9	0.0	10.1	0.7	5.5	SSE	-
04	18	16.9	26.8	9.5	13.5	12.3	11.2	8.9	7.1	7.4	53.5	0.0	7.2	0.7	4.9	ESE	-
04	19	15.9	22.6	10.5	13.1	12.6	11.8	9.5	7.3	7.4	69.9	0.0	0.6	0.4	7.8	NW	-
04	20	11.9	14.3	9.3	12.2	12.2	11.7	9.9	7.5	7.4	93.3	6.5	0.0	0.4	3.9	ESE	-
04	21	9.8	17.5	3.7	11.9	11.9	11.5	10.0	7.7	7.5	77.4	0.5	2.9	1.1	9.0	WSW	-
04	22	9.3	17.4	2.1	11.5	11.3	11.1	10.1	7.9	7.5	51.2	0.0	10.2	1.0	6.5	SSE	-
04	23	10.3	16.3	5.4	11.7	11.6	11.3	10.2	8.1	7.6	76.6	0.0	1.0	0.8	9.1	S	-
04	24	13.8	19.7	8.9	12.4	12.0	11.5	10.3	8.3	7.6	81.3	0.0	1.3	0.4	4.4	E	-
04	25	11.4	12.7	9.9	12.0	12.0	11.7	10.4	8.4	7.7	97.6	5.5	0.0	0.3	4.5	ESE	-
04	26	15.9	25.1	9.9	14.1	12.9	12.1	10.6	8.6	7.8	84.9	8.0	2.7	0.8	5.4	ESE	-
04	27	12.9	20.4	8.2	14.5	14.0	13.1	10.9	8.7	7.8	72.6	1.0	5.9	0.7	5.0	E	-
04	28	12.9	21.3	5.5	13.7	13.5	13.0	11.3	8.9	7.9	70.4	0.0	5.6	0.6	4.9	ESE	-
04	29	15.9	24.5	8.2	14.3	13.8	13.1	11.4	9.1	8.0	57.3	0.0	9.4	2.1	11.9	W	-
04	30	14.2	19.1	7.5	14.0	13.9	13.4	11.7	9.2	8.1	78.6	5.5	0.2	1.8	12.7	WNW	-
計	Total											127.5	137.4				
平均	Mean	10.0	16.7	4.6	10.3	10.0	9.6	8.5	7.1	7.4	75.5	4.3	4.6	0.8	6.6		20.0
最大	Max.	16.9	26.8	10.5	14.5	14.0	13.4	11.7	9.2	8.1	98.3	46.0	10.2	2.1	18.4		20.0
最低	Min.	0.8	2.1	-2.2	3.8	4.9	5.2	6.0	5.6	7.0	51.2	0.0	0.0	0.1	2.2		20.0

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

2003年 05月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
05	1	10.3	18.0	3.9	12.9	13.2	13.0	11.8	9.4	8.2	44.1	0.0	10.7	1.0	7.0	ENE	-
05	2	12.7	21.6	3.4	13.2	13.0	12.7	11.8	9.6	8.2	64.5	0.0	9.3	0.7	6.0	SE	-
05	3	16.4	25.3	8.2	14.8	14.1	13.3	11.8	9.7	8.3	69.0	0.0	9.0	0.7	5.5	SE	-
05	4	17.7	25.9	10.7	15.4	14.8	13.9	12.1	9.9	8.4	68.3	0.0	4.9	0.7	5.6	ESE	-
05	5	16.1	22.3	12.3	15.5	15.0	14.3	12.4	10.0	8.5	78.4	0.0	1.7	0.4	5.2	ESE	-
05	6	16.6	23.2	11.0	16.1	15.4	14.6	12.7	10.2	8.6	75.4	0.0	4.8	0.5	6.1	SE	-
05	7	18.3	25.8	12.5	16.9	16.1	15.2	13.0	10.3	8.7	79.9	0.0	1.4	0.7	5.8	SE	-
05	8	17.5	24.4	8.5	16.9	16.6	15.8	13.4	10.5	8.8	85.9	7.5	0.0	1.2	11.0	NNE	-
05	9	10.3	17.3	5.4	15.1	15.6	15.3	13.7	10.7	8.9	75.7	0.0	4.7	0.7	4.9	E	-
05	10	10.6	17.9	3.6	14.2	14.7	14.6	13.7	10.9	9.0	74.5	0.0	3.7	0.5	5.4	ESE	-
05	11	10.0	14.9	6.4	13.7	14.3	14.3	13.6	11.1	9.1	87.7	3.5	0.3	0.5	5.5	S	-
05	12	11.5	16.4	8.2	13.5	13.9	13.9	13.5	11.2	9.1	92.5	0.0	0.1	0.3	3.9	SE	-
05	13	14.7	21.7	8.3	14.8	14.5	14.2	13.4	11.4	9.2	82.2	0.0	4.1	0.6	4.6	S	-
05	14	13.6	17.4	11.6							91.1	6.5	0.0	0.3	2.8	W	-
05	15	12.5	14.0	11.4	14.3	14.6	14.5	13.6	11.5	9.4	97.1	16.5	0.0	0.1	3.4	SE	-
05	16	14.9	20.5	11.7	15.2	14.9	14.5	13.7	11.6	9.5	92.2	3.0	0.0	0.4	5.2	ESE	-
05	17	11.0	12.0	10.0	14.5	14.8	14.7	13.8	11.7	9.6	98.4	0.5	0.0	0.2	2.5	ESE	-
05	18	12.4	15.4	9.4	14.3	14.4	14.3	13.8	11.8	9.7	94.5	0.0	0.6	0.2	3.7	ESE	-
05	19	13.1	16.4	11.0	14.3	14.4	14.3	13.8	11.9	9.8	95.9	1.0	0.0	0.1	2.7	SSW	-
05	20	12.6	17.8	9.5	14.1	14.3	14.3	13.8	12.0	9.9	94.5	11.5	0.1	0.2	7.0	SW	-
05	21	14.1	21.9	9.1	14.7	14.6	14.3	13.7	12.1	10.0	75.8	4.5	3.5	0.6	6.7	WNW	-
05	22	15.5	23.9	8.5	15.0	14.9	14.6	13.8	12.1	10.1	67.5	5.0	3.0	0.7	5.5	ESE	-
05	23	14.0	18.3	10.4	15.6	15.5	15.0	13.9	12.2	10.2	88.1	0.0	0.3	0.5	4.9	ESE	-
05	24	14.6	21.4	8.9	15.8	15.6	15.2	14.1	12.3	10.3	79.5	0.0	0.0	0.5	4.3	SE	-
05	25	13.5	18.4	9.2	15.7	15.7	15.4	14.3	12.4	10.4	77.5	0.0	0.1	0.5	5.2	ESE	-
05	26	11.3	12.5	10.6	14.6	15.1	15.1	14.4	12.5	10.5	95.2	0.0	0.0	0.1	2.4	ESE	-
05	27	13.0	16.5	10.4	14.6	14.7	14.8	14.4	12.6	10.5	93.6	6.0	0.0	0.1	3.4	ESE	-
05	28	17.0	24.5	11.6	16.1	15.5	15.1	14.3	12.6	10.6	80.5	0.0	2.0	0.5	4.6	S	-
05	29	17.5	25.4	11.0	16.6	16.2	15.7	14.5	12.7	10.7	75.5	0.0	4.7	0.6	4.9	SE	-
05	30	16.7	25.0	10.6	16.9	16.5	16.0	14.7	12.8	10.8	73.1	0.0	3.1	0.6	4.1	SSE	-
05	31	13.9	15.3	12.4	15.5	16.0	16.0	15.0	12.8	10.9	96.7	70.5	0.0	0.1	4.0	SW	-
計	Total											136.0	72.2				
平均	Mean	14.0	19.7	9.3	15.0	15.0	14.6	13.5	11.4	9.5	82.1	4.4	2.3	0.5	5.0		
最大	Max.	18.3	25.9	12.5	16.9	16.6	16.0	15.0	12.8	10.9	98.4	70.5	10.7	1.2	11.0		
最低	Min.	10.0	12.0	3.4	12.9	13.0	12.7	11.8	9.4	8.2	44.1	0.0	0.0	0.1	2.4		

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

2003年 06月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
06	1	15.5	21.4	8.7	16.0	15.9	15.8	15.2	13.2	11.0	91.2	3.0	1.1	0.4	6.8	NNW	-
06	2	13.8	21.8	7.0	15.2	15.5	15.6	15.2	13.3	11.1	68.9	0.0	3.5	0.6	4.8	NNE	-
06	3	15.8	23.9	8.2	15.6	15.6	15.5	15.1	13.4	11.2	67.9	0.0	4.7	0.6	4.3	ESE	-
06	4	13.8	17.1	11.3	15.4	15.7	15.7	15.1	13.5	11.3	89.8	3.5	0.3	0.3	3.2	W	-
06	5	17.5	26.2	9.8	16.2	15.9	15.6	15.1	13.5	11.4	72.6	0.5	3.4	0.6	4.3	SE	-
06	6	18.1	25.2	10.5	17.1	16.6	16.1	15.2	13.5	11.5	78.1	0.0	3.0	0.6	5.1	ESE	-
06	7	16.9	20.4	12.1	17.4	17.2	16.7	15.4	13.6	11.5	83.8	0.0	0.0	0.6	4.5	S	-
06	8	18.1	26.1	10.6	17.3	17.0	16.6	15.6	13.7	11.6	70.3	0.0	3.1	0.7	4.4	SE	-
06	9	16.6	22.0	14.2	17.6	17.3	17.0	15.7	13.8	11.7	83.9	0.0	0.4	0.5	4.8	ESE	-
06	10	15.3	19.8	12.8	17.0	17.0	16.9	15.9	13.9	11.8	86.2	0.0	0.0	0.3	3.6	SE	-
06	11	15.3	18.6	13.0	16.5	16.7	16.6	15.9	14.0	11.8	90.9	0.0	0.0	0.1	2.4	ESE	-
06	12	16.5	18.1	14.7	16.8	16.7	16.6	15.9	14.1	11.9	95.4	0.0	0.0	0.1	2.7	SSE	-
06	13	20.2	27.1	15.8	17.9	17.3	16.9	15.9	14.1	11.9	87.8	0.0	0.0	0.4	6.5	WSW	-
06	14	19.9	24.6	17.4	18.6	18.2	17.5	16.1	14.2	12.0	88.5	7.0	0.1	0.3	3.8	ESE	-
06	15	17.4	18.4	16.6	18.1	18.0	17.7	16.4	14.2	12.1	97.4	1.5	0.0	0.1	2.7	E	-
06	16	18.0	20.4	16.0	18.1	17.9	17.6	16.5	14.3	12.1	94.9	0.0	0.0	0.1	2.8	SSE	-
06	17	17.7	21.1	15.6	18.0	17.9	17.7	16.6	14.4	12.2	95.2	3.0	0.0	0.1	2.8	W	-
06	18	18.6	21.7	15.7	18.1	18.0	17.7	16.7	14.5	12.3	93.6	0.5	0.3	0.2	3.2	W	-
06	19	21.6	26.5	16.5	19.1	18.6	18.0	16.8	14.6	12.4	82.8	0.0	0.7	1.1	14.9	SSW	-
06	20	23.8	32.6	17.2	20.1	19.5	18.7	17.0	14.7	12.4	71.2	0.0	0.0	1.2	15.1	W	-
06	21	22.2	31.2	14.9	19.8	19.6	19.0	17.3	14.9	12.5	62.2	0.0	3.5	0.8	5.4	W	-
06	22	21.1	28.0	16.2	19.8	19.7	19.1	17.5	15.0	12.6	69.2	0.0	0.6	0.5	4.3	SSE	-
06	23	17.0	18.1	16.4	19.0	19.3	19.0	17.7	15.1	12.6	95.2	1.5	0.0	0.1	2.8	ESE	-
06	24	17.3	18.6	16.2	18.5	18.7	18.6	17.7	15.2	12.7	98.1	5.5	0.0	0.1	2.5	E	-
06	25	19.0	22.7	17.2	18.8	18.7	18.6	17.8	15.4	12.8	95.1	29.0	0.1	0.1	2.9	SE	-
06	26	17.7	21.3	16.0	19.0	19.1	18.8	17.8	15.5	12.8	93.6	0.5	0.4	0.3	4.6	ESE	-
06	27	19.4	24.9	13.7	19.2	19.1	18.8	17.9	15.6	12.9	86.1	1.0	2.5	0.3	3.7	ESE	-
06	28	18.6	21.6	17.4	19.3	19.3	19.0	18.0	15.7	13.0	96.9	2.0	0.2	0.1	2.8	ESE	-
06	29	20.5	26.0	16.1	19.9	19.6	19.2	18.1	15.8	13.1	86.4	0.0	0.4	0.3	4.3	ESE	-
06	30	20.1	26.1	13.8	19.8	19.8	19.3	18.2	15.9	13.2	80.7	0.0	2.1	0.5	4.9	ESE	-
計	Total											58.5	30.3				
平均	Mean	18.1	23.0	14.1	18.0	17.8	17.5	16.5	14.4	12.1	85.1	2.0	1.0	0.4	4.7		
最大	Max.	23.8	32.6	17.4	20.1	19.8	19.3	18.2	15.9	13.2	98.1	29.0	4.7	1.2	15.1		
最低	Min.	13.8	17.1	7.0	15.2	15.5	15.5	15.1	13.2	11.0	62.2	0.0	0.0	0.1	2.4		

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

2003年 07月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均 Mean	最大 Max.	風向 Dir.	Snowfall Depth
07	1	17.6	20.3	15.4	19.3	19.7	19.5	18.3	16.0	13.2	92.1	13.0	0.1	0.3	3.0	ESE	-
07	2	18.6	24.8	14.2	19.2	19.3	19.1	18.4	16.1	13.3	85.7	2.0	1.0	0.3	4.7	SE	-
07	3	17.4	21.6	15.2	19.2	19.4	19.2	18.4	16.2	13.4	91.1	5.5	0.0	0.4	4.2	ESE	-
07	4	20.9	28.0	16.4	20.0	19.8	19.4	18.5	16.3	13.5	83.2	2.5	1.5	0.3	3.9	ESE	-
07	5	20.9	26.2	16.0	20.5	20.3	19.8	18.6	16.4	13.6	79.1	0.0	0.8	0.4	4.0	ESE	-
07	6	17.9	22.4	15.4	20.0	20.2	19.9	18.8	16.5	13.7	92.5	2.0	0.0	0.2	4.0	ESE	-
07	7	17.5	18.4	17.0	19.4	19.8	19.7	18.9	16.6	13.7	98.5	4.0	0.0	0.1	3.0	ESE	-
07	8	17.4	19.9	16.1	19.2	19.4	19.5	18.9	16.7	13.8	98.2	1.5	0.0	0.1	2.8	ESE	-
07	9	16.6	18.2	15.8	18.9	19.2	19.3	18.8	16.8	13.9	98.1	0.5	0.0	0.1	2.4	ESE	-
07	10	16.8	18.0	15.8	18.6	18.9	19.0	18.7	16.8	14.0	98.8	0.5	0.0	0.1	3.0	ESE	-
07	11	21.2	26.3	17.0	19.6	19.2	19.1	18.6	16.9	14.1	92.5	2.0	0.9	0.2	3.7	WNW	-
07	12	22.0	27.5	18.2	20.6	20.2	19.7	18.7	16.9	14.2	90.1	3.0	0.2	0.2	4.2	ESE	-
07	13	17.8	19.9	16.1	20.0	20.2	20.0	18.9	16.9	14.2	98.6	9.0	0.0	0.1	2.5	ESE	-
07	14	16.5	18.7	14.7	18.7	19.2	19.4	19.0	17.0	14.3	96.3	11.0	0.0	0.1	3.6	ESE	-
07	15	18.4	22.2	15.6	19.2	19.3	19.3	18.9	17.1	14.4	89.7	0.5	0.7	0.2	3.1	ESE	-
07	16	17.3	18.7	15.9	18.9	19.2	19.3	18.9	17.2	14.5	95.1	2.0	0.0	0.1	2.7	ESE	-
07	17	17.0	18.6	16.2	18.6	18.9	19.1	18.8	17.2	14.6	97.4	4.5	0.0	0.1	3.2	ESE	-
07	18	16.3	17.3	15.3	18.4	18.7	18.9	18.7	17.2	14.6	97.4	0.5	0.0	0.1	3.1	ESE	-
07	19	17.6	19.4	15.8	18.5	18.6	18.8	18.6	17.3	14.7	96.7	0.5	0.0	0.0	2.1	ESE	-
07	20	20.4	26.9	16.1	19.7	19.3	19.1	18.6	17.3	14.8	90.0	6.5	1.7	0.3	4.0	SE	-
07	21	19.8	24.0	16.8	20.1	20.0	19.7	18.7	17.3	14.8	95.5	19.0	0.2	0.1	2.5	SW	-
07	22	18.3	24.1	15.2	19.6	19.8	19.7	19.0	17.3	14.9	93.0	0.5	2.5	0.4	5.1	ESE	-
07	23	15.0	16.2	13.9	18.4	19.1	19.3	19.0	17.4	15.0	98.6	7.5	0.0	0.1	3.0	ESE	-
07	24	18.9	26.1	14.5	18.8	18.8	18.9	18.9	17.4	15.1	91.7	4.5	0.1	0.2	3.7	SE	-
07	25	19.2	22.1	16.6	19.2	19.6	19.5	18.9	17.5	15.1	95.5	74.5	0.0	0.2	4.5	E	-
07	26	18.6	22.6	16.1	19.0	19.2	19.3	19.1	17.8	15.4	93.7	11.5	0.0	0.2	4.3	WSW	-
07	27	19.0	22.6	16.6	19.4	19.5	19.5	19.1	17.8	15.5	92.8	15.5	0.1	0.2	3.5	ESE	-
07	28	18.9	24.4	15.0	19.9	19.9	19.7	19.2	17.8	15.6	92.3	0.5	0.0	0.3	4.9	ESE	-
07	29	18.6	20.1	17.5	19.8	20.0	19.9	19.3	17.9	15.7	97.2	0.5	0.0	0.1	2.1	ESE	-
07	30	19.3	22.0	16.9	19.8	19.8	19.8	19.4	17.9	15.7	96.3	2.5	0.0	0.1	4.7	E	-
07	31	21.5	26.5	18.2	20.7	20.3	20.1	19.4	17.9	15.8	89.3	0.0	0.4	0.3	3.9	ESE	-
計	Total											207.5	10.0				
平均	Mean	18.5	22.1	16.0	19.4	19.5	19.4	18.8	17.1	14.5	93.5	6.7	0.3	0.2	3.5		
最大	Max.	22.0	28.0	18.2	20.7	20.3	20.1	19.4	17.9	15.8	98.8	74.5	2.5	0.4	5.1		
最低	Min.	15.0	16.2	13.9	18.4	18.6	18.8	18.3	16.0	13.2	79.1	0.0	0.0	0.0	2.1		

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

2003年 08月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	風速 m/sec			降雪深
		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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
08	1	19.9	23.1	17.8	20.4	20.5	20.4	19.5	18.0	15.8	94.4	0.0	0.0	0.1	3.9	WSW	-
08	2	22.8	29.1	17.4	21.4	20.9	20.5	19.6	18.0	15.8	85.7	0.0	3.8	0.6	4.3	SE	-
08	3	23.6	31.7	17.6	22.1	21.7	21.1	19.8	18.0	15.9	81.1	0.0	4.6	0.6	3.6	W	-
08	4	23.8	31.1	18.8	22.5	22.1	21.5	20.1	18.1	15.9	84.5	0.0	3.7	0.6	3.5	W	-
08	5	22.8	31.0	19.3	22.3	22.3	21.9	20.4	18.1	15.9	90.5	59.0	1.1	0.4	7.1	WSW	-
08	6	22.6	28.1	18.4	22.2	22.1	21.9	20.9	18.4	16.0	89.2	0.0	3.5	0.4	3.4	SE	-
08	7	22.8	28.6	19.5	22.7	22.4	22.1	20.9	18.6	16.1	90.7	0.0	2.4	0.5	4.4	SE	-
08	8	20.2	23.1	17.3	21.5	21.8	21.9	21.0	18.7	16.2	94.9	15.5	0.0	0.4	3.8	NW	-
08	9	21.2	24.1	19.5	21.3	21.3	21.5	21.1	19.0	16.3	91.5	54.5	0.0	1.0	14.4	NW	-
08	10	23.5	30.8	18.4	22.3	21.9	21.7	21.1	19.3	16.5	85.9	0.0	5.0	0.5	4.7	SSW	-
08	11	23.6	29.3	19.2	23.0	22.6	22.3	21.2	19.3	16.6	85.5	0.0	2.9	0.5	4.3	S	-
08	12	21.1	22.9	19.8	22.3	22.4	22.4	21.4	19.3	16.7	95.3	1.5	0.0	0.1	2.3	W	-
08	13	19.3	21.7	18.1	21.5	21.8	22.0	21.4	19.4	16.7	93.8	0.5	0.0	0.2	3.0	SSE	-
08	14	16.0	18.3	14.6	18.8	20.2	20.8	21.3	19.5	16.7	98.4	59.0	0.0	0.1	3.3	E	-
08	15	16.0	17.7	14.5	17.2	18.2	19.0	20.8	19.8	17.0	98.8	48.0	0.0	0.1	2.8	SE	-
08	16	16.7	17.6	16.0	18.3	18.6	19.2	20.3	19.9	17.3	98.8	2.0	0.0	0.1	2.3	ESE	-
08	17	16.9	18.3	15.8	18.6	18.8	19.3	20.1	19.8	17.3	98.7	3.5	0.0	0.1	2.8	ESE	-
08	18	19.9	25.6	16.2	19.5	19.3	19.5	20.0	19.6	17.4	95.6	2.5	0.2	0.0	1.5	SE	-
08	19	18.9	20.3	17.7	20.0	20.0	20.1	20.0	19.6	17.4	97.8	0.5	0.0	0.0	2.2	ESE	-
08	20	21.1	28.3	17.2	20.9	20.4	20.3	20.1	19.5	17.5	91.2	1.0	5.7	0.2	4.4	SE	-
08	21	22.4	28.2	17.8	21.5	21.1	20.9	20.3	19.4	17.5	90.5	2.0	3.8	0.2	2.8	WSW	-
08	22	23.6	30.8	18.1	22.3	21.8	21.4	20.5	19.4	17.5	84.9	0.0	7.7	0.5	3.4	WSW	-
08	23	24.8	33.7	18.2	22.8	22.3	21.9	20.7	19.4	17.6	75.9	0.0	9.1	0.6	4.0	W	-
08	24	23.8	33.3	18.7	22.7	22.6	22.2	21.0	19.4	17.6	74.5	9.0	6.0	0.6	3.9	WNW	-
08	25	23.3	30.2	18.3	22.8	22.6	22.3	21.2	19.4	17.6	86.4	0.5	7.1	0.5	4.6	S	-
08	26	21.5	24.7	19.5	22.3	22.4	22.3	21.4	19.5	17.6	93.2	3.0	0.6	0.2	3.1	W	-
08	27	21.5	26.9	18.8	22.0	22.2	22.1	21.4	19.6	17.6	89.0	11.5	2.2	0.3	3.7	SE	-
08	28	19.9	23.2	18.5	21.8	22.1	22.1	21.5	19.7	17.6	94.0	0.0	0.0	0.3	4.8	ESE	-
08	29	23.3	32.3	17.9	22.1	22.1	22.0	21.5	19.7	17.6	78.2	0.0	8.3	0.6	3.6	W	-
08	30	20.2	25.1	17.3	21.6	22.0	22.1	21.5	19.8	17.6	89.2	0.0	0.0	0.4	4.3	ESE	-
08	31	19.0	23.3	15.7	20.9	21.4	21.7	21.5	19.8	17.7	94.6	4.0	0.4	0.2	3.2	ESE	-
計	Total											277.5	77.9				
平均	Mean	21.2	26.2	17.8	21.3	21.3	21.3	20.7	19.2	16.9	90.1	9.0	2.5	0.3	4.0		
最大	Max.	24.8	33.7	19.8	23.0	22.6	22.4	21.5	19.9	17.7	98.8	59.0	9.1	1.0	14.4		
最低	Min.	16.0	17.6	14.5	17.2	18.2	19.0	19.5	18.0	15.8	74.5	0.0	0.0	0.0	1.5		

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

2003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			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
09	1	20.1	24.2	18.7	21.5	21.6	21.6	21.4	19.9	17.7	95.2	0.0	0.1	0.2	4.3	ESE	-
09	2	22.8	29.8	18.7	22.3	22.1	21.9	21.4	19.9	17.7	89.0	0.0	3.1	0.3	4.1	SSE	-
09	3	23.7	31.2	17.8	22.7	22.6	22.3	21.5	20.0	17.7	83.5	0.5	4.4	0.4	3.8	SSE	-
09	4	22.1	27.3	19.2	22.9	23.0	22.7	21.7	20.0	17.8	87.8	0.0	1.8	0.4	4.4	ESE	-
09	5	20.2	27.4	14.8	21.8	22.4	22.4	21.9	20.0	17.8	79.4	0.0	6.5	0.5	4.8	SSW	-
09	6	20.5	27.4	15.3	21.1	21.7	21.9	21.8	20.1	17.8	86.0	0.0	1.9	0.4	3.2	WNW	-
09	7	18.2	20.0	16.3	20.6	21.4	21.7	21.7	20.2	17.9	96.2	0.0	0.0	0.2	2.8	E	-
09	8	18.5	22.7	16.1	20.5	20.9	21.3	21.6	20.2	17.9	93.6	0.0	0.4	0.2	3.2	SE	-
09	9	22.7	31.5	15.9	21.4	21.4	21.4	21.4	20.2	17.9	80.9	0.0	9.4	0.6	3.7	WSW	-
09	10	22.3	26.5	18.4	21.8	22.0	21.9	21.4	20.2	18.0	86.2	0.0	1.5	0.6	6.4	W	-
09	11	24.0	31.2	18.7	22.6	22.3	22.1	21.5	20.2	18.0	81.6	3.0	6.6	0.6	5.3	S	-
09	12	23.2	28.7	20.2	23.2	23.1	22.7	21.7	20.2	18.0	90.6	0.0	3.0	0.3	5.2	SE	-
09	13	23.0	29.0	19.6	23.1	23.1	22.9	21.9	20.2	18.1	85.9	0.0	2.2	0.5	6.3	W	-
09	14	21.2	28.3	16.7	21.9	22.5	22.6	22.0	20.3	18.1	76.4	0.0	3.8	0.6	4.0	W	-
09	15	20.6	29.3	15.1	21.2	21.8	22.0	22.0	20.4	18.1	76.7	0.0	6.8	0.5	4.1	WSW	-
09	16	19.0	21.7	16.4	20.8	21.5	21.8	21.9	20.5	18.2	87.4	0.0	0.0	0.2	3.7	SE	-
09	17	19.8	26.9	14.5	20.7	21.2	21.4	21.7	20.5	18.2	84.0	0.0	5.3	0.6	3.6	SW	-
09	18	20.5	27.9	15.0	21.0	21.4	21.5	21.6	20.5	18.2	82.4	0.0	7.8	0.7	3.9	WSW	-
09	19	21.4	28.7	16.1	21.2	21.5	21.5	21.5	20.5	18.3	81.8	0.0	4.5	0.5	3.9	W	-
09	20	16.7	19.8	13.0	19.0	20.7	21.1	21.5	20.4	18.3	98.0	55.0	0.0	0.3	3.3	E	-
09	21	12.8	14.0	11.3	15.2	17.6	18.7	21.1	20.5	18.3	99.3	67.5	0.0	0.1	3.0	E	-
09	22	13.0	19.8	10.7	15.2	16.4	17.4	20.1	20.6	18.5	89.9	11.0	3.5	0.4	3.6	ESE	-
09	23	12.3	18.8	7.8	15.8	16.9	17.6	19.7	20.5	18.7	84.3	0.0	4.0	0.4	4.4	SE	-
09	24	12.3	14.2	10.8	15.5	16.8	17.6	19.4	20.3	18.7	95.4	8.5	0.0	0.0	1.9	SSW	-
09	25	14.5	16.7	12.5	15.8	16.6	17.3	19.2	20.1	18.7	99.0	12.0	0.0	0.1	3.7	ESE	-
09	26	17.7	21.1	15.8	17.5	17.5	17.8	18.9	19.9	18.7	97.0	5.0	0.0	0.1	3.2	ENE	-
09	27	17.0	23.5	13.6	17.9	18.2	18.3	18.9	19.7	18.7	88.4	4.0	3.7	0.3	4.2	SE	-
09	28	16.2	22.9	12.9	17.7	18.2	18.4	19.0	19.6	18.8	88.0	1.0	4.8	0.3	4.0	SE	-
09	29	15.5	23.2	9.7	17.7	18.3	18.5	19.1	19.5	18.8	81.4	0.0	6.2	0.7	7.0	WSW	-
09	30	12.3	20.8	6.0	15.7	17.1	17.9	19.1	19.4	18.8	68.1	0.0	7.5	0.9	6.7	W	-
計	Total											167.5	98.9				
平均	Mean	18.8	24.5	14.9	19.8	20.4	20.6	20.9	20.2	18.2	87.1	5.6	3.3	0.4	4.2		
最大	Max.	24.0	31.5	20.2	23.2	23.1	22.9	22.0	20.6	18.8	99.3	67.5	9.4	0.9	7.0		
最低	Min.	12.3	14.0	6.0	15.2	16.4	17.3	18.9	19.4	17.7	68.1	0.0	0.0	0.0	1.9		

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

2003年 10月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
10	1	12.6	20.9	5.3	14.8	16.1	17.0	18.8	19.4	18.7	72.0	0.0	7.3	0.7	3.6	W	-
10	2	15.0	24.5	9.8	15.8	16.5	17.1	18.5	19.3	18.7	77.4	0.0	4.5	0.8	6.8	WNW	-
10	3	12.8	20.7	7.9	15.3	16.3	16.9	18.4	19.2	18.7	75.0	0.0	3.6	0.6	4.9	WSW	-
10	4	12.2	19.4	8.9	15.0	16.1	16.7	18.2	19.1	18.6	80.0	0.0	2.4	0.3	3.4	SW	-
10	5	12.1	19.4	7.2	14.9	15.8	16.5	18.0	18.9	18.6	79.9	0.0	6.9	0.6	4.2	S	-
10	6	10.5	12.8	7.6	14.3	15.6	16.3	17.9	18.8	18.6	91.2	0.0	0.0	0.3	3.4	WNW	-
10	7	9.9	11.5	8.2	13.3	14.7	15.7	17.7	18.7	18.5	92.0	0.0	0.0	0.2	2.0	W	-
10	8	9.2	10.1	6.9	13.0	14.3	15.3	17.3	18.6	18.5	94.7	0.5	0.0	0.1	2.5	ESE	-
10	9	9.6	17.1	5.5	12.8	13.9	14.9	17.0	18.5	18.4	84.4	0.0	5.0	0.4	3.9	SW	-
10	10	11.1	19.6	5.1	12.9	13.9	14.7	16.8	18.3	18.4	83.4	0.0	7.9	0.6	4.0	WSW	-
10	11	12.3	16.5	7.4	13.4	14.1	14.8	16.6	18.1	18.3	86.6	1.0	0.0	0.3	3.1	W	-
10	12	16.4	21.9	12.7	15.4	15.3	15.4	16.5	18.0	18.3	95.1	2.5	1.1	0.2	3.6	WSW	-
10	13	17.1	22.4	12.6	16.1	16.2	16.2	16.6	17.8	18.2	88.6	13.5	1.8	0.7	6.9	NNW	-
10	14	10.4	12.9	8.4	13.7	15.2	15.8	16.8	17.7	18.2	96.9	24.0	0.0	0.1	2.9	E	-
10	15	10.6	14.6	7.9	13.1	14.0	14.8	16.5	17.6	18.1	93.8	1.5	0.3	0.1	3.1	SE	-
10	16	10.5	17.6	6.7	13.3	14.2	14.8	16.3	17.5	18.0	86.8	0.0	4.8	0.4	3.6	WSW	-
10	17	9.9	16.8	4.6	12.6	13.7	14.4	16.1	17.4	18.0	81.2	0.0	7.5	0.7	5.4	S	-
10	18	10.1	17.4	6.2	12.8	13.8	14.4	15.9	17.3	17.9	85.9	0.0	4.7	0.4	3.4	SW	-
10	19	11.6	18.8	5.5	12.6	13.5	14.1	15.8	17.1	17.9	78.9	0.0	9.0	0.7	4.7	SW	-
10	20	11.5	17.5	8.3	13.4	14.0	14.4	15.7	17.0	17.8	83.0	0.0	5.4	0.5	4.1	SE	-
10	21	10.5	18.4	4.7	12.8	13.7	14.3	15.6	16.9	17.7	82.2	0.5	4.2	0.5	3.8	SW	-
10	22	11.2	13.6	9.1	12.4	13.3	13.9	15.5	16.8	17.6	98.7	23.5	0.0	0.1	2.8	W	-
10	23	11.1	18.5	4.1	13.0	13.6	14.1	15.4	16.7	17.6	88.5	0.0	3.3	0.6	6.5	WNW	-
10	24	8.0	16.5	1.9	11.2	12.6	13.5	15.3	16.6	17.5	76.2	0.0	10.0	0.9	3.9	W	-
10	25	7.9	13.0	4.0	10.7	12.0	13.0	15.0	16.5	17.5	85.5	0.0	0.5	0.5	3.3	NW	-
10	26	11.3	18.6	5.1	11.6	12.2	12.9	14.7	16.4	17.4	74.2	0.0	8.6	0.7	4.0	SW	-
10	27	10.2	13.0	8.7	12.1	12.7	13.2	14.6	16.2	17.3	88.8	0.0	0.7	0.4	3.4	ESE	-
10	28	10.1	16.1	8.3	11.7	12.6	13.2	14.6	16.1	17.3	96.6	5.5	0.0	0.8	14.8	W	-
10	29	15.9	23.3	7.6	13.2	13.2	13.5	14.6	16.0	17.2	67.8	0.0	9.6	3.0	17.2	W	-
10	30	10.9	20.5	4.9	11.9	12.8	13.4	14.6	15.9	17.1	70.6	0.0	9.6	0.8	4.9	WSW	-
10	31	9.9	17.6	5.0	11.0	12.0	12.8	14.5	15.8	17.1	72.7	0.0	8.2	0.6	4.2	SW	-
計	Total											72.5	126.7				
平均	Mean	11.4	17.5	7.0	13.2	14.1	14.8	16.3	17.5	18.0	84.1	2.3	4.1	0.6	4.8		
最大	Max.	17.1	24.5	12.7	16.1	16.5	17.1	18.8	19.4	18.7	98.7	24.0	10.0	3.0	17.2		
最低	Min.	7.9	10.1	1.9	10.7	12.0	12.8	14.5	15.8	17.1	67.8	0.0	0.0	0.1	2.0		

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

2003年 11月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
11	1	12.5	20.8	6.9	11.9	12.4	12.9	14.3	15.7	17.0	82.8	0.0	6.3	0.3	4.3	SSE	-
11	2	14.1	22.7	9.1	12.6	12.8	13.2	14.2	15.6	16.9	81.4	0.0	8.5	0.6	4.1	SW	-
11	3	13.3	18.4	9.6	12.9	13.1	13.4	14.3	15.5	16.8	91.8	0.5	1.4	0.3	4.7	W	-
11	4	13.3	19.0	9.3	13.5	13.6	13.8	14.4	15.4	16.8	80.7	0.0	3.9	0.4	3.8	ESE	-
11	5	11.4	16.6	8.1	12.9	13.4	13.7	14.4	15.4	16.7	83.7	5.5	5.1	0.6	5.0	S	-
11	6	13.7	19.2	10.7	13.4	13.6	13.8	14.4	15.3	16.6	95.7	9.0	2.1	0.2	3.3	WSW	-
11	7	14.1	20.5	9.9	13.6	13.7	13.9	14.5	15.3	16.6	87.8	0.0	8.5	0.5	3.9	S	-
11	8	13.5	20.7	8.3	13.4	13.7	13.9	14.5	15.2	16.5	83.4	0.0	5.8	0.5	4.0	SW	-
11	9	11.3	14.2	8.8	13.4	13.9	14.1	14.5	15.2	16.4	98.5	7.0	0.1	0.3	4.6	E	-
11	10	7.1	8.9	5.5	11.1	12.6	13.4	14.5	15.2	16.4	99.9	13.0	0.0	0.2	3.1	ESE	-
11	11	7.2	8.9	5.3	10.2	11.4	12.3	14.2	15.1	16.3	99.3	13.0	0.0	0.0	2.6	WSW	-
11	12	8.9	14.5	6.8	11.2	11.7	12.2	13.8	15.0	16.3	94.0	7.0	3.4	0.3	4.2	SE	-
11	13	6.2	9.6	2.3	10.2	11.4	12.1	13.6	14.9	16.2	97.9	3.5	1.0	0.1	3.4	E	-
11	14	5.8	13.1	0.9	9.2	10.4	11.3	13.4	14.8	16.1	86.3	0.0	8.4	0.6	3.9	SSW	-
11	15	7.0	12.6	2.6	9.3	10.1	10.9	13.1	14.7	16.1	90.6	0.0	2.8	0.4	4.9	ESE	-
11	16	13.1	23.1	7.0	11.2	11.1	11.4	12.8	14.6	16.0	73.9	0.0	5.4	0.9	7.8	NW	-
11	17	6.8	14.8	1.2	9.3	10.5	11.2	12.8	14.5	16.0	65.0	0.0	8.2	0.7	6.4	SW	-
11	18	5.4	13.3	0.5	7.5	9.0	10.1	12.6	14.4	15.9	60.9	0.0	7.7	0.4	3.7	SSW	-
11	19	8.7	16.6	3.1	8.2	8.9	9.7	12.2	14.2	15.9	74.2	0.0	2.4	0.3	3.5	NW	-
11	20	7.3	8.8	5.4	8.5	9.2	9.9	11.9	14.1	15.8	95.6	4.5	0.0	0.1	2.9	SW	-
11	21	13.1	21.4	7.7	11.1	10.4	10.5	11.8	13.9	15.8	87.1	3.5	6.7	0.5	3.5	SW	-
11	22	8.1	14.9	1.0	9.6	10.4	10.9	11.9	13.8	15.7	63.9	0.0	8.0	0.9	7.3	NE	-
11	23	3.2	10.6	-1.0	7.2	8.7	9.7	11.8	13.7	15.7	78.5	0.0	5.8	0.6	4.4	SW	-
11	24	3.7	5.8	1.9	6.9	8.1	9.1	11.5	13.6	15.6	92.0	0.5	0.0	0.1	2.0	SSE	-
11	25	6.1	8.0	3.7	7.3	8.0	8.8	11.1	13.4	15.5	99.4	32.5	0.0	0.2	4.2	NW	-
11	26	6.5	14.5	1.9	7.7	8.2	8.9	10.8	13.2	15.5	80.2	0.0	7.8	0.6	4.3	W	-
11	27	3.3	5.1	1.4	6.5	7.6	8.5	10.6	13.0	15.4	94.7	0.0	0.1	0.2	3.2	ESE	-
11	28	4.3	6.5	2.5	6.7	7.6	8.4	10.5	12.9	15.3	91.0	0.0	0.0	0.1	2.2	SW	-
11	29	7.3	9.8	4.3	7.7	8.0	8.5	10.3	12.7	15.2	99.5	29.5	0.0	0.0	2.0	W	-
11	30	11.1	13.4	9.4	9.6	9.3	9.3	10.1	12.3	15.1	98.4	26.0	0.0	0.2	3.1	NW	-
計	Total											155.0	109.2				
平均	Mean	8.9	14.2	5.1	10.1	10.8	11.3	12.8	14.4	16.1	86.9	5.2	3.6	0.4	4.0		
最大	Max.	14.1	23.1	10.7	13.6	13.9	14.1	14.5	15.7	17.0	99.9	32.5	8.5	0.9	7.8		
最低	Min.	3.2	5.1	-1.0	6.5	7.6	8.4	10.1	12.3	15.1	60.9	0.0	0.0	0.0	2.0		

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

2003年 12月

气象月報

秩父演習林栃本

Monthly Report of Meteorological Data at Tochimoto

月	日	气温			平均地温						湿度	降水量	日照時間	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	Sun hrs	平均	最大	風向	Snowfall Depth
		Mean	Max.	Min.										Mean	Max.	Dir.	
12	1	7.8	10.2	5.9	9.0	9.4	9.7	10.2	12.0	15.0	99.5	24.0	0.0	0.2	3.6	E	-
12	2	8.0	16.6	3.3	8.7	9.0	9.4	10.3	11.9	14.8	80.7	0.0	7.6	0.9	5.8	W	-
12	3	4.6	11.4	0.6	6.8	7.9	8.7	10.2	11.8	14.7	81.3	0.0	6.7	0.8	4.0	WNW	-
12	4	3.5	12.3	-0.6	5.9	7.0	7.9	10.0	11.8	14.6	77.5	0.0	6.6	0.7	5.0	NW	-
12	5	1.5	6.5	-1.6	4.7	6.1	7.2	9.7	11.7	14.5	86.6	0.0	1.4	0.4	4.3	SE	-
12	6	7.1	13.2	0.4	6.2	6.5	7.2	9.3	11.7	14.5	84.2	1.5	3.4	2.1	16.3	WNW	-
12	7	8.6	15.5	-1.1	6.9	7.3	7.8	9.2	11.6	14.4	48.3	0.0	7.5	1.9	12.2	W	-
12	8	2.0	9.6	-2.3	4.5	5.9	6.9	9.2	11.5	14.3	71.5	0.0	7.4	0.7	4.1	SW	-
12	9	2.4	11.0	-1.6	3.9	5.1	6.2	8.8	11.4	14.2	66.7	0.0	7.4	0.9	7.1	W	-
12	10	1.5	9.3	-2.7	3.5	4.6	5.7	8.5	11.3	14.2	71.7	0.0	6.7	0.6	4.1	SW	-
12	11	0.2	3.7	-2.7	2.5	4.0	5.2	8.1	11.1	14.1	88.8	3.0	0.3	0.2	3.0	E	-
12	12	2.9	7.0	-0.5	3.9	4.5	5.3	7.8	10.9	14.0	98.9	5.0	0.0	0.2	3.4	NW	-
12	13	2.3	10.9	-1.9	3.4	4.4	5.3	7.7	10.8	14.0	67.9	0.0	5.9	0.8	8.8	W	-
12	14	2.4	10.8	-1.9	2.6	3.7	4.8	7.5	10.6	13.9	59.2	0.0	7.3	0.8	4.0	W	-
12	15	1.9	9.9	-2.1	2.5	3.4	4.4	7.2	10.4	13.8	73.9	0.0	7.3	0.8	5.0	W	-
12	16	2.7	8.8	-2.3	2.4	3.3	4.3	6.9	10.3	13.7	51.4	0.0	6.2	1.4	7.7	W	-
12	17	-0.2	6.0	-3.0	1.2	2.8	3.9	6.7	10.1	13.7	71.7	0.0	4.2	0.6	4.6	NE	-
12	18	3.7	9.9	-1.6	2.4	2.9	3.8	6.5	9.9	13.6	55.1	0.0	7.1	1.5	10.5	W	-
12	19	1.9	8.7	-1.7	2.7	3.3	4.0	6.3	9.8	13.5	60.9	0.0	4.3	1.6	9.6	W	-
12	20	-1.7	1.6	-5.0	1.6	2.9	3.9	6.3	9.6	13.4	63.3	1.5	4.2	2.8	14.2	W	-
12	21	0.7	7.8	-3.8	1.7	2.6	3.6	6.1	9.5	13.3	54.5	0.0	7.2	1.0	9.6	WSW	2
12	22	1.7	11.9	-4.5	1.4	2.3	3.3	5.9	9.3	13.2	62.2	0.0	7.2	0.7	3.8	W	-
12	23	3.3	12.9	-1.7	1.8	2.3	3.2	5.7	9.2	13.1	58.5	0.0	7.2	0.8	3.3	W	-
12	24	4.0	13.4	-0.4	2.2	2.6	3.3	5.6	9.0	13.1	64.2	0.0	6.0	0.9	4.1	W	-
12	25	4.3	11.9	-0.9	2.4	2.8	3.4	5.5	8.9	13.0	65.5	0.0	7.2	0.8	4.0	WNW	-
12	26	4.1	11.2	0.2	3.2	3.2	3.7	5.5	8.7	12.9	71.2	1.0	6.3	0.6	4.3	SW	-
12	27	-2.4	1.8	-6.0	2.1	3.1	3.8	5.5	8.6	12.8	71.4	5.5	1.3	1.1	7.6	NW	10
12	28	-0.7	6.3	-6.1	1.4	2.7	3.4	5.5	8.5	12.7	63.0	0.0	7.3	0.8	3.7	NW	-
12	29	2.7	10.1	-4.1	1.4	2.3	3.1	5.4	8.4	12.6	58.7	0.0	7.3	1.0	9.9	WNW	-
12	30	2.9	10.8	-2.1	2.3	2.6	3.2	5.2	8.3	12.5	68.0	0.0	7.2	0.6	4.4	S	-
12	31	1.2	6.6	-3.1	1.9	2.5	3.2	5.2	8.2	12.4	78.0	0.0	2.6	0.4	4.3	W	-
計	Total											41.5	168.3				
平均	Mean	2.7	9.6	-1.8	3.5	4.3	5.1	7.3	10.2	13.7	70.1	1.3	5.4	0.9	6.3		6.0
最大	Max.	8.6	16.6	5.9	9.0	9.4	9.7	10.3	12.0	15.0	99.5	24.0	7.6	2.8	16.3		10.0
最低	Min.	-2.4	1.6	-6.1	1.2	2.3	3.1	5.2	8.2	12.4	48.3	0.0	0.0	0.2	3.0		2.0

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