

2003年 01月

気象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
01	1	1.2	2.8	-0.8	4.4	5.8	6.5	6.8	7.8	10.6	14.6	95.6	4.0	0.0	1.2	7.3	N
01	2	1.5	6.8	-1.4	4.1	5.2	5.9	6.3	7.7	10.5	14.6	64.7	0.0	7.9	1.4	8.6	N
01	3	1.3	11.8	-2.0	2.9	4.4	5.4	5.9	7.4	10.4	14.5	84.4	49.0	0.1	2.4	11.8	N
01	4	7.5	12.3	3.1	7.1	6.4	6.0	6.0	6.6	9.7	14.3	58.1	22.5	7.9	3.2	13.0	SW
01	5	2.5	7.9	-2.2	4.5	5.5	6.1	6.3	7.1	9.6	14.2	52.4	0.0	7.8	1.4	8.5	NW
01	6	1.7	9.9	-3.2	3.9	5.1	5.7	6.0	7.0	9.6	14.1	48.7	1.0	8.0	1.0	5.5	NNW
01	7	3.2	11.9	0.0	4.6	5.0	5.5	5.8	6.9	9.6	14.0	54.0	0.0	5.7	1.2	5.0	N
01	8	3.5	10.8	-1.0	4.3	5.1	5.6	5.8	6.8	9.5	13.9	59.0	0.0	7.8	0.9	6.4	NNE
01	9	3.7	9.8	0.4	5.0	5.4	5.7	6.0	6.8	9.4	13.8	75.7	0.0	2.0	1.4	4.9	N
01	10	6.6	14.5	1.1	5.9	5.7	5.9	6.1	6.8	9.4	13.7	63.0	0.0	7.8	1.2	4.8	N
01	11	4.5	10.8	1.9	5.9	6.3	6.4	6.5	7.0	9.3	13.6	68.4	0.0	4.6	1.0	6.4	NNE
01	12	6.8	14.5	1.0	5.6	5.9	6.2	6.4	7.1	9.3	13.5	45.7	0.0	7.9	1.1	4.0	NNW
01	13	8.0	13.5	1.9	6.3	6.4	6.5	6.6	7.1	9.3	13.4	60.9	0.0	5.7	2.4	9.7	NW
01	14	8.5	15.2	3.8	6.8	6.7	6.8	6.8	7.3	9.3	13.4	57.6	0.0	7.7	1.9	8.9	NW
01	15	1.6	6.3	-3.0	4.9	6.3	6.8	7.0	7.4	9.3	13.3	43.6	0.0	6.7	1.6	8.4	N
01	16	2.6	8.6	-3.0	3.5	5.0	5.8	6.3	7.3	9.3	13.2	54.5	0.0	4.1	1.2	6.1	NW
01	17	9.6	16.8	3.9	6.0	5.7	5.8	6.1	7.0	9.3	13.2	56.3	0.0	8.0	1.2	4.9	WSW
01	18	6.4	11.0	3.5	6.1	6.4	6.5	6.6	7.1	9.2	13.1	68.2	0.0	6.7	1.3	5.2	N
01	19	4.2	8.7	0.4	5.6	6.3	6.5	6.7	7.2	9.2	13.1	86.8	13.0	1.2	1.6	7.0	N
01	20	4.0	10.5	0.5	6.2	6.2	6.4	6.5	7.2	9.2	13.0	80.6	2.0	5.8	1.0	6.6	NNE
01	21	3.0	8.5	-0.1	6.1	6.4	6.6	6.7	7.2	9.1	12.9	69.2	1.0	7.8	1.3	8.1	N
01	22	3.1	9.8	-0.4	5.4	6.0	6.4	6.6	7.3	9.1	12.9	53.6	0.0	4.5	1.1	4.9	N
01	23	2.3	6.5	0.0	3.9	5.4	6.0	6.3	7.1	9.1	12.8	88.6	29.0	0.0	1.8	7.8	N
01	24	3.3	8.7	-0.5	4.4	4.9	5.4	5.7	6.7	9.0	12.8	58.3	0.0	7.2	1.5	7.6	NNW
01	25	3.0	10.4	-0.8	4.0	4.7	5.3	5.6	6.6	8.9	12.7	46.3	0.0	8.2	1.3	6.1	NW
01	26	2.8	9.8	-1.3	3.8	4.7	5.2	5.5	6.4	8.8	12.7	62.9	0.0	4.3	1.0	5.3	N
01	27	6.4	14.4	1.3	6.0	5.4	5.4	5.6	6.3	8.7	12.6	98.9	64.5	0.0	3.3	17.2	N
01	28	8.8	12.7	3.0	9.8	8.3	7.3	6.9	6.5	8.3	12.3	69.1	1.0	8.1	2.4	13.6	SSW
01	29	1.8	6.9	-2.6	5.4	6.8	7.1	7.2	7.2	8.3	12.3	43.6	0.0	7.8	2.5	15.3	W
01	30	1.6	9.6	-3.3	4.2	5.3	6.0	6.3	7.0	8.4	12.2	49.5	0.0	8.2	1.4	7.0	WSW
01	31	3.3	12.4	-1.7	4.8	5.3	5.7	5.9	6.7	8.5	12.2	55.9	0.0	5.6	1.3	4.8	N
計	Total												187.0	174.8			
平均	Mean	4.1	10.5	-0.1	5.2	5.7	6.1	6.3	7.0	9.3	13.3	63.7	6.0	5.6	1.6	7.8	
最大	Max.	9.6	16.8	3.9	9.8	8.3	7.3	7.2	7.8	10.6	14.6	98.9	64.5	8.2	3.3	17.2	
最低	Min.	1.2	2.8	-3.3	2.9	4.4	5.2	5.5	6.3	8.3	12.2	43.6	0.0	0.0	0.9	4.0	

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

2003年 02月

气象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温 Air Temperature			平均地温 Soil Temperature							湿度	降水 量	日照 時間	風速 m/sec Wind Velocity		
		平均 Mean	最高 Max.	最低 Min.	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均 Mean	最大 Max.	風向 Dir.
02	1	2.2	7.9	-1.0	4.5	5.3	5.7	5.9	6.6	8.5	12.1	44.9	0.0	7.4	1.3	6.7	N
02	2	0.3	3.1	-1.6	3.4	4.7	5.3	5.6	6.5	8.5	12.0	68.6	0.0	0.1	1.0	5.8	N
02	3	2.1	8.3	-0.8	4.1	4.6	5.0	5.3	6.3	8.4	12.0	63.9	0.0	4.1	1.0	5.5	NNE
02	4	1.4	4.7	-0.3	3.2	4.3	4.9	5.2	6.1	8.3	11.9	76.1	0.0	1.9	1.4	4.3	N
02	5	2.0	8.5	-0.2	4.5	4.6	4.9	5.1	6.0	8.3	11.9	85.2	0.0	4.3	1.2	6.1	N
02	6	2.5	9.5	-1.7	4.9	5.0	5.1	5.3	6.0	8.2	11.9	55.1	0.0	8.4	1.1	7.2	N
02	7	5.0	13.8	-1.1	5.6	5.3	5.4	5.5	6.1	8.1	11.8	57.6	0.0	8.5	1.4	4.7	NW
02	8	8.1	15.8	2.7	6.5	6.0	5.9	5.9	6.2	8.1	11.8	68.3	1.0	4.3	1.1	4.1	S
02	9	7.3	13.1	3.4	9.3	7.7	6.9	6.6	6.5	8.0	11.7	89.9	33.0	8.0	1.3	7.1	N
02	10	8.0	13.8	5.1	8.7	8.0	7.6	7.4	7.0	8.0	11.7	83.8	2.0	2.4	1.0	4.4	NNE
02	11	9.3	13.2	6.1	9.7	8.6	8.1	7.8	7.4	8.1	11.6	97.7	16.0	0.6	0.7	6.3	NE
02	12	4.5	8.7	1.2	8.5	8.7	8.4	8.2	7.8	8.2	11.5	71.5	0.0	2.6	0.8	8.3	N
02	13	4.3	12.9	-0.4	7.4	7.6	7.8	7.8	7.9	8.4	11.5	73.7	0.0	6.3	1.4	6.0	N
02	14	5.0	13.3	0.6	7.5	7.5	7.6	7.6	7.8	8.5	11.4	60.3	0.0	7.4	0.9	5.0	NNW
02	15	4.5	10.9	0.8	6.3	7.1	7.4	7.5	7.8	8.6	11.4	63.0	0.0	2.6	1.0	5.5	NNE
02	16	4.2	7.9	0.1	5.8	6.7	7.1	7.3	7.6	8.6	11.4	91.2	23.0	0.0	1.5	9.7	N
02	17	5.3	13.1	0.1	6.8	6.4	6.6	6.7	7.4	8.6	11.4	64.0	0.0	7.7	0.8	6.7	N
02	18	3.5	8.5	-0.2	6.4	6.9	7.1	7.1	7.4	8.6	11.3	86.7	4.5	1.0	1.5	7.2	N
02	19	3.0	10.2	-0.7	6.7	6.5	6.7	6.8	7.3	8.6	11.3	82.2	0.0	8.0	1.5	7.1	NNE
02	20	2.8	3.6	1.5	5.5	6.5	6.8	6.9	7.3	8.6	11.3	94.0	1.0	0.0	1.7	9.5	N
02	21	4.5	12.6	-0.2	6.5	6.1	6.3	6.5	7.1	8.6	11.3	55.5	0.0	8.9	1.0	7.0	N
02	22	4.3	8.4	2.5	6.9	6.9	6.9	6.9	7.1	8.5	11.3	88.8	1.5	0.3	1.4	5.5	N
02	23	3.2	4.9	2.0	6.0	6.6	6.8	6.9	7.2	8.5	11.3	92.2	2.5	0.0	1.2	6.1	N
02	24	0.3	2.3	-1.0	3.9	5.5	6.2	6.5	7.1	8.5	11.2	97.5	14.5	0.0	1.0	6.3	N
02	25	2.8	9.4	-1.4	5.4	5.2	5.6	5.8	6.8	8.5	11.2	80.4	0.0	8.1	0.2	4.2	N
02	26	7.8	13.3	2.3	7.3	6.3	6.2	6.2	6.7	8.4	11.2	58.9	0.0	6.4	2.2	10.3	WNW
02	27	4.6	9.9	-1.3	6.3	6.9	6.9	6.8	6.9	8.3	11.2	57.6	0.0	3.1	1.4	8.8	N
02	28	3.2	11.1	-2.4	6.1	6.1	6.3	6.5	7.0	8.3	11.2	46.1	0.0	9.7	1.3	6.2	NE
計	Total												99.0	121.8			
平均	Mean	4.1	9.7	0.5	6.2	6.3	6.5	6.6	7.0	8.4	11.5	73.4	3.5	4.4	1.2	6.5	
最大	Max.	9.3	15.8	6.1	9.7	8.7	8.4	8.2	7.9	8.6	12.1	97.7	33.0	9.7	2.2	10.3	
最低	Min.	0.3	2.3	-2.4	3.2	4.3	4.9	5.1	6.0	8.0	11.2	44.9	0.0	0.0	0.2	4.1	

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

2003年 03月

## 气象月報

千葉演習林清澄

## Monthly Report of Meteorological Data at Kiyosumi

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
03	1	8.9	14.3	4.3	6.7	6.5	6.6	6.6	6.9	8.3	11.1	84.6	65.0	0.0	3.1	17.8	SSE
03	2	9.6	14.9	5.6	11.3	9.3	8.2	7.7	7.2	8.0	10.9	54.7	2.0	7.8	2.3	17.8	NNW
03	3	10.5	14.2	5.3	8.9	8.7	8.5	8.3	7.8	8.1	10.9	76.7	10.0	1.1	3.5	16.3	SSW
03	4	2.6	7.7	-1.2	8.4	8.6	8.4	8.3	8.0	8.3	10.9	45.3	0.0	7.5	1.8	10.3	NNW
03	5	2.2	9.0	-1.9	6.3	7.2	7.6	7.8	8.0	8.4	10.8	51.1	0.0	5.5	1.1	6.6	NNE
03	6	3.8	6.3	1.0	6.0	6.8	7.2	7.3	7.8	8.5	10.8	83.8	9.0	0.1	1.2	4.5	NNE
03	7	7.8	12.2	4.6	7.8	7.4	7.2	7.2	7.5	8.5	10.7	98.6	55.0	0.0	1.6	7.3	SE
03	8	7.1	14.6	2.5	9.5	8.3	7.8	7.7	7.6	8.4	10.6	68.5	0.5	7.7	0.9	6.8	NNW
03	9	4.3	10.1	-0.1	8.4	8.3	8.2	8.1	7.9	8.4	10.6	51.7	0.0	9.5	1.5	9.7	NNW
03	10	2.7	9.7	-1.8	7.5	7.8	7.9	7.9	8.0	8.4	10.6	56.2	0.0	9.3	1.0	6.4	N
03	11	2.3	9.0	-2.1	7.2	7.5	7.6	7.7	7.9	8.5	10.6	44.0	0.0	9.7	1.4	8.9	NNW
03	12	3.2	11.0	-2.4	7.3	7.3	7.4	7.5	7.8	8.5	10.6	50.8	0.0	9.5	1.0	6.3	NNE
03	13	3.3	9.7	-1.1	7.3	7.5	7.5	7.5	7.7	8.6	10.6	64.1	0.0	6.9	1.1	5.5	NNE
03	14	5.1	12.2	1.4	7.7	7.6	7.5	7.5	7.7	8.5	10.6	74.7	3.0	3.9	0.9	4.5	NE
03	15	4.4	6.4	2.4	7.4	7.6	7.7	7.7	7.8	8.5	10.6	95.2	2.5	0.0	1.0	5.8	N
03	16	6.3	11.0	2.3	7.6	7.4	7.4	7.5	7.8	8.5	10.6	89.9	13.5	2.5	0.4	5.4	NE
03	17	3.3	9.1	1.9	6.9	7.6	7.7	7.7	7.8	8.5	10.6	97.3	6.5	0.0	1.0	8.2	N
03	18	3.8	7.6	1.9	6.7	6.9	7.1	7.3	7.7	8.5	10.6	81.8	0.5	0.4	0.2	6.1	NNE
03	19	4.5	12.8	-0.2	8.4	7.5	7.3	7.3	7.6	8.5	10.6	78.1	0.5	6.6	0.4	8.8	N
03	20	5.6	13.2	1.3	8.9	8.1	7.8	7.7	7.7	8.5	10.6	53.7	0.0	8.5	0.9	6.3	N
03	21	4.6	11.5	0.4	9.0	8.5	8.3	8.1	8.0	8.5	10.6	57.5	0.0	8.5	0.7	5.0	NE
03	22	5.7	8.3	3.6	7.2	8.0	8.2	8.2	8.1	8.6	10.6	80.5	6.0	0.0	0.7	4.3	NNE
03	23	8.3	15.9	2.2	9.9	8.4	8.0	8.0	8.1	8.6	10.6	76.2	1.0	7.8	0.9	6.7	NNW
03	24	11.6	15.2	8.0	10.3	9.4	8.9	8.7	8.3	8.7	10.6	71.8	0.0	4.9	2.3	10.2	SSW
03	25	10.4	12.3	7.0	10.5	9.9	9.5	9.2	8.7	8.7	10.5	93.6	26.0	0.0	1.3	7.9	NW
03	26	10.7	17.6	5.5	12.5	10.6	9.8	9.5	9.0	8.8	10.5	75.1	4.0	9.5	0.8	6.1	WSW
03	27	12.8	16.4	9.7	12.0	11.1	10.6	10.2	9.4	8.9	10.5	81.5	4.0	2.4	3.5	12.8	SSW
03	28	12.0	19.1	7.6	13.9	12.1	11.1	10.6	9.8	9.1	10.5	55.0	0.0	8.8	1.3	9.3	ENE
03	29	6.7	10.5	3.3	10.9	11.4	11.3	11.0	10.2	9.3	10.5	78.8	0.0	1.6	1.2	7.5	N
03	30	8.7	16.5	3.0	11.5	10.8	10.6	10.5	10.2	9.5	10.5	59.1	0.0	8.7	0.8	3.9	SSW
03	31	14.1	21.3	8.7	13.8	12.0	11.2	10.8	10.3	9.6	10.6	51.4	0.0	8.1	1.6	8.3	SW
計	Total												209.0	156.5			
平均	Mean	6.7	12.2	2.7	9.0	8.6	8.4	8.3	8.2	8.6	10.6	70.4	6.7	5.0	1.3	8.1	
最大	Max.	14.1	21.3	9.7	13.9	12.1	11.3	11.0	10.3	9.6	11.1	98.6	65.0	9.7	3.5	17.8	
最低	Min.	2.2	6.3	-2.4	6.0	6.5	6.6	6.6	6.9	8.0	10.5	44.0	0.0	0.0	0.2	3.9	

代替機器觀測日(The date of observation by alternative hardwares)

2003年 04月

気象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
04	1	10.6	16.0	7.2	13.6	12.8	12.0	11.6	10.7	9.7	10.6	68.4	0.0	5.7	0.7	4.6	NE
04	2	8.3	9.8	6.6	10.8	11.6	11.7	11.6	11.0	9.9	10.6	91.7	17.5	0.0	1.4	7.2	NNE
04	3	6.8	11.3	3.2	10.6	10.8	10.8	10.9	10.8	10.0	10.6	80.8	2.0	5.0	1.6	9.3	NNE
04	4	7.0	14.1	2.2	10.5	10.4	10.4	10.5	10.6	10.2	10.7	81.0	1.5	4.5	1.3	5.8	N
04	5	5.0	7.2	2.6	8.2	9.6	10.1	10.2	10.4	10.2	10.7	98.7	66.5	0.0	2.4	10.1	N
04	6	8.4	15.8	2.5	11.0	9.6	9.4	9.5	10.0	10.3	10.7	62.7	1.5	10.3	1.0	7.6	NW
04	7	13.6	20.1	7.3	13.0	11.2	10.5	10.3	10.0	10.2	10.7	60.2	0.0	9.6	1.2	6.8	SSE
04	8	13.6	15.9	11.4	12.9	12.2	11.6	11.3	10.6	10.2	10.7	91.0	42.5	0.0	3.5	12.1	S
04	9	13.3	21.2	3.5	15.2	13.2	12.3	11.8	11.1	10.3	10.7	69.2	3.0	7.3	1.3	7.4	W
04	10	7.2		2.6								69.0	4.0	9.6	0.8		ESE
04	11	10.0	14.6	5.1								69.2	0.0	2.5	1.8	8.7	SSE
04	12	13.7	16.7	12.0								95.4	27.0	0.0	2.8	8.9	S
04	13	15.9	22.7	12.7								91.5	0.0	2.6	0.4	6.2	NNE
04	14	11.8	17.0	9.1								68.4	0.0	1.8	1.0	7.2	NNE
04	15	8.8	10.3	7.7								94.6	9.5	0.0	1.6	7.1	N
04	16	12.2	19.2	8.1								85.0	3.0	8.0	0.9	7.5	NNE
04	17	14.9	20.2	9.6								80.6	0.0	10.2	2.3	9.7	SSW
04	18	17.9	25.1	13.5								73.1	0.0	10.2	1.5	8.9	SSW
04	19	17.9	21.6	15.4								75.5	0.0	7.2	4.7	14.8	SSW
04	20	15.2	18.3	9.6								94.6	11.5	0.0	0.8	6.4	SSW
04	21	11.3	15.5	7.1								86.9	2.0	1.1	0.7	9.4	NNW
04	22	9.8	16.1	5.1								63.1	0.0	11.0	1.0	6.1	ESE
04	23	12.3	14.4	9.3								81.0	3.0	0.0	2.7	11.5	S
04	24	15.8	18.7	13.2								97.0	7.0	0.0	2.8	10.7	SW
04	25	14.1	15.5	13.1								93.9	1.5	0.0	0.8	4.2	N
04	26	18.7	23.3	15.2								88.8	2.5	1.1	3.7	14.8	SSW
04	27	13.4	20.0	11.1								77.6	0.0	4.7	0.7	7.4	NNE
04	28	14.9	21.2	9.2								76.2	0.0	9.4	0.7	4.9	S
04	29	16.6	22.4	13.9								80.1	0.0	4.4	2.3	9.9	SSW
04	30	15.9	18.1	10.2								93.6	5.5	0.0	2.9	14.4	SSW
計	Total												211.0	126.3			
平均	Mean	12.5	17.3	8.6								81.3	7.0	4.2	1.7	8.6	
最大	Max.	18.7	25.1	15.4								98.7	66.5	11.0	4.7	14.8	
最低	Min.	5.0	7.2	2.2								60.2	0.0	0.0	0.4	4.2	

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

2003年 05月

気象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温 Air Temperature			平均地温 Soil Temperature							湿度	降水 量	日照 時間	風速 m/sec Wind Velocity		
		平均 Mean	最高 Max.	最低 Min.	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均 Mean	最大 Max.	風向 Dir.
05	1	12.0	18.6	7.7							59.6	0.0	11.3	0.9	8.7	ENE	
05	2	14.7	19.7	11.1							75.0	0.0	4.7	1.7	7.2	S	
05	3	17.1	23.5	13.7							87.7	1.0	2.0	0.2	2.5	SSE	
05	4	18.0	23.5	13.7							87.4	0.0	7.0	1.0	5.5	S	
05	5	17.5	23.6	14.1							86.2	0.0	4.4	0.6	4.4	NNW	
05	6	17.2	22.8	13.4							87.9	0.0	4.1	1.0	3.3	SE	
05	7	17.7	19.4	15.4							97.4	10.0	0.0	2.4	9.7	S	
05	8	18.1	21.5	7.9							97.2	14.5	0.3	3.7	13.6	SW	
05	9	10.2	15.9	6.7							72.2	1.0	6.5	0.5	7.1	NNE	
05	10	13.3	18.7	8.7							63.1	0.0	10.2	0.4	4.5	SE	
05	11	15.2	19.3	12.0							73.3	2.5	2.6	0.5	4.0	ESE	
05	12	13.8	15.6	12.2							94.5	8.5	0.0	0.2	4.6	N	
05	13	16.8	21.2	13.7							80.1	0.0	3.4	0.7	5.2	SSE	
05	14	16.6	20.5	13.3							82.0	2.0	0.4	1.1	4.9	SSE	
05	15	15.2	17.3	13.3							98.4	43.0	0.0	0.4	5.4	NE	
05	16	13.4	15.5	11.8							96.6	7.5	0.0	0.1	5.2	N	
05	17	13.1	16.1	11.7							89.7	0.0	1.8	0.7	5.9	NNW	
05	18	13.3	16.6	10.3							96.4	0.5	0.0	1.0	6.7	N	
05	19	14.5	17.0	12.6							98.4	4.0	0.0	0.1	4.0	N	
05	20	16.2	19.6	12.5							93.9	14.0	1.2	0.1	5.1	E	
05	21	16.3	22.3	12.3							78.5	0.0	7.5	0.2	4.6	N	
05	22	18.0	24.9	13.9							80.1	0.0	5.9	0.5	4.3	NNW	
05	23	15.8	20.2	12.4							88.1	0.0	0.3	0.7	5.8	N	
05	24	16.4	21.4	12.7							81.4	0.0	4.1	0.5	4.1	NNE	
05	25	15.5	21.0	12.0							83.0	0.0	4.7	0.7	5.8	N	
05	26	15.7	18.3	13.4							84.6	0.5	0.0	0.2	3.5	NNE	
05	27	17.9	22.8	15.2							78.4	0.5	1.2	0.3	5.5	SSE	
05	28	18.7	24.1	15.7							75.3	0.0	5.6	0.2	3.6	SSE	
05	29	18.9	24.7	15.3							74.2	0.0	9.1	0.6	4.3	SSE	
05	30	19.0	24.0	15.8							70.0	0.0	6.0	1.0	5.2	SSE	
05	31	18.5	20.6	16.6							93.6	74.5	0.0	2.6	9.2	SSE	
計	Total												184.0	104.1			
平均	Mean	16.0	20.3	12.6							84.0	5.9	3.4	0.8	5.6		
最大	Max.	19.0	24.9	16.6							98.4	74.5	11.3	3.7	13.6		
最低	Min.	10.2	15.5	6.7							59.6	0.0	0.0	0.1	2.5		

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

2003年 06月

## 気象月報

千葉演習林清澄

## Monthly Report of Meteorological Data at Kiyosumi

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
06	1	19.2	21.4	15.6								95.1	4.5	1.0	1.2	9.9	S
06	2	18.6	24.1	14.7								66.7	0.0	7.7	1.0	6.1	S
06	3												0.0				
06	4	17.8	21.0	13.5	20.7	21.8	21.9	21.9	21.3	18.9	14.7	86.3	17.0	0.0	0.2	4.0	SSW
06	5	18.2	25.6	13.0	22.0	21.2	21.0	20.9	20.7	18.9	14.7	78.2	0.5	9.2	1.0	6.5	S
06	6	20.0	24.8	16.8	22.9	21.8	21.4	21.1	20.4	18.8	14.8	82.0	0.0	9.2	1.5	6.7	SSW
06	7	19.0	22.8	16.6	22.2	21.9	21.6	21.3	20.5	18.6	14.8	87.5	0.0	0.0	0.3	3.1	SSE
06	8	18.9	25.3	15.1	22.8	21.9	21.5	21.2	20.4	18.5	14.9	83.2	0.0	7.8	0.4	4.5	N
06	9	17.2	22.1	14.5	22.4	21.9	21.7	21.3	20.5	18.4	15.0	88.0	1.5	3.0	0.5	4.4	N
06	10	17.5	21.7	14.6	22.0	21.7	21.5	21.2	20.4	18.4	15.0	85.2	2.5	2.4	0.3	3.0	NNE
06	11	17.1	19.8	15.7	20.8	21.1	21.1	20.9	20.3	18.4	15.0	93.4	13.5	0.1	0.2	3.4	SE
06	12	19.8	22.2	17.8	21.4	20.7	20.6	20.4	20.2	18.6	15.2	98.2	46.0	0.1	0.2	6.1	S
06	13	20.8	21.9	19.7	21.4	21.1	20.9	20.7	20.1	18.7	15.3	99.2	1.5	0.0	1.9	8.3	SSW
06	14	22.2	27.7	19.9	24.5	22.2	21.4	21.0	20.1	18.6	15.4	90.1	2.0	4.7	1.3	7.1	SSW
06	15	19.8	23.1	17.2	23.0	22.4	22.1	21.7	20.5	18.6	15.4	95.2	0.0	0.1	0.2	4.5	SSE
06	16	20.2	23.1	18.8	22.3	21.9	21.7	21.5	20.7	18.6	15.5	94.3	3.0	0.0	1.1	7.5	SSW
06	17	19.8	21.1	18.9	21.5	21.4	21.4	21.2	20.6	18.7	15.5	98.1	8.0	0.0	0.5	7.6	SW
06	18	21.0	26.3	19.0	23.1	21.8	21.4	21.1	20.5	18.8	15.6	94.1	2.0	1.4	0.4	5.6	SSW
06	19	22.2	25.9	19.3	23.8	22.4	21.9	21.5	20.6	18.8	15.6	92.9	0.0	2.0	1.8	10.2	SSW
06	20	22.8	26.4	20.5	23.9	22.8	22.4	22.0	20.9	18.8	15.7	85.9	0.0	3.4	3.6	12.8	SSW
06	21	24.4	29.5	19.9	25.3	23.4	22.7	22.2	21.1	18.9	15.7	65.9	0.0	8.9	0.4	4.8	WSW
06	22	23.7	29.1	19.4	25.9	24.3	23.6	23.0	21.5	19.0	15.8	70.6	5.5	5.2	0.4	4.2	NE
06	23	19.2	20.3	18.1	22.5	23.3	23.3	23.1	21.9	19.1	15.8	97.8	6.5	0.0	0.2	4.0	NNE
06	24	19.5	20.3	18.7	21.7	22.0	22.1	22.1	21.6	19.3	15.9	98.7	13.0	0.0	0.0	2.9	SSE
06	25	20.9	25.0	16.9	21.9	21.7	21.7	21.6	21.3	19.4	16.0	95.0	10.0	1.4	0.8	10.0	SSW
06	26	19.3	24.8	16.4	22.4	21.8	21.7	21.5	21.1	19.5	16.0	91.5	0.0	1.4	0.4	3.9	NE
06	27	20.4	26.7	16.3	24.0	22.5	22.1	21.8	21.1	19.5	16.1	88.9	0.0	3.4	0.4	4.0	SSW
06	28	21.2	23.4	18.6	22.6	22.5	22.4	22.2	21.3	19.5	16.2	97.2	6.5	0.0	1.6	10.6	SSW
06	29	21.2	27.1	18.0	23.8	22.5	22.3	22.0	21.3	19.5	16.3	90.0	0.5	3.3	0.4	4.5	ENE
06	30	21.3	25.6	19.5	23.7	23.0	22.7	22.3	21.4	19.6	16.3	90.8	0.0	1.0	0.5	3.3	SSE
計	Total												144.0	76.6			
平均	Mean	20.1	24.1	17.4	22.8	22.1	21.9	21.6	20.8	18.9	15.5	89.0	4.8	2.6	0.8	6.0	
最大	Max.	24.4	29.5	20.5	25.9	24.3	23.6	23.1	21.9	19.6	16.3	99.2	46.0	9.2	3.6	12.8	
最低	Min.	17.1	19.8	13.0	20.7	20.7	20.6	20.4	20.1	18.4	14.7	65.9	0.0	0.0	0.0	2.9	

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

2003年 07月

气象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep				Hum. %	Prec. mm	Sun hrs
Date		Mean	Max.	Min.											Mean	Max.	Dir.
07	1	19.3	22.6	17.1	22.3	22.5	22.4	22.3	21.5	19.6	16.4	93.3	6.5	1.0	0.4	5.5	N
07	2	18.6	24.4	16.1	22.0	21.8	21.9	21.8	21.4	19.7	16.4	90.1	2.0	4.5	0.2	5.3	N
07	3	19.8	25.0	16.7	22.7	22.0	21.9	21.7	21.2	19.7	16.5	90.5	3.5	2.5	1.1	5.5	S
07	4	22.3	27.1	19.1	23.8	22.6	22.3	22.1	21.5	20.2	16.8	87.8	53.5	4.0	1.9	13.2	S
07	5	20.7	26.7	17.6	24.5	23.2	22.9	22.5	21.7	20.1	16.9	85.7	0.0	4.1	0.7	4.6	ESE
07	6	18.2	19.6	17.0	21.6	22.4	22.7	22.6	21.9	20.1	16.9	96.3	16.5	0.0	0.4	3.8	NNE
07	7	20.4	22.6	18.1	21.8	21.8	21.9	21.9	21.7	20.2	16.9	97.0	8.0	0.0	0.7	5.8	SSE
07	8	18.1	20.9	15.9	21.7	21.8	21.9	21.8	21.5	20.2	17.0	99.1	1.0	0.0	0.3	5.5	N
07	9	18.9	23.2	15.6	22.2	21.6	21.6	21.5	21.3	20.2	17.0	91.3	0.0	1.1	0.1	3.2	NNE
07	10	20.7	22.0	18.6	21.8	21.7	21.8	21.7	21.2	20.1	17.1	98.2	11.0	0.0	1.4	10.2	S
07	11	24.4	29.7	21.8	25.1	22.9	22.3	21.9	21.3	20.1	17.1	91.8	0.0	5.0	2.1	10.0	SSW
07	12	23.6	29.2	20.1	25.6	24.1	23.5	23.0	21.7	20.1	17.2	92.5	8.0	3.9	0.8	9.5	SW
07	13	18.3	20.8	17.3	22.1	23.1	23.3	23.1	22.2	20.2	17.2	99.1	15.0	0.0	0.4	4.4	N
07	14	16.9	18.2	14.9	19.7	21.1	21.7	21.9	22.0	20.6	17.4	98.7	40.5	0.0	0.8	6.6	NNE
07	15	17.9	22.7	14.1	20.4	20.6	21.0	21.1	21.4	20.7	17.5	90.0	0.0	0.5	0.1	3.0	SSW
07	16	20.8	25.7	17.8	22.5	21.6	21.5	21.3	21.2	20.6	17.6	86.4	0.0	4.6	0.3	3.3	ESE
07	17	20.6	26.2	17.1	23.3	22.4	22.2	21.9	21.3	20.4	17.6	85.8	0.0	5.6	0.3	5.7	NNE
07	18	20.2	25.3	17.5	23.1	22.7	22.5	22.3	21.6	20.4	17.6	86.7	0.0	1.8	0.3	4.2	NNE
07	19	20.5	23.3	19.1	22.6	22.5	22.4	22.3	21.7	20.4	17.6	92.4	1.5	0.3	0.4	4.6	S
07	20	21.3	23.7	20.2	22.3	22.2	22.2	22.1	21.6	20.4	17.7	97.3	6.0	0.0	0.9	4.9	S
07	21	21.7	27.1	18.4	23.1	22.5	22.4	22.2	21.6	20.4	17.7	96.7	12.5	0.6	0.4	5.3	WSW
07	22	18.2	20.3	15.3	21.7	22.1	22.3	22.2	21.7	20.4	17.7	96.1	0.0	0.0	0.3	4.6	N
07	23	17.4	19.8	14.7	20.7	21.2	21.5	21.6	21.5	20.5	17.7	96.4	9.5	0.0	0.4	4.9	N
07	24	21.0	22.9	18.6	21.3	21.0	21.2	21.2	21.2	20.8	18.1	99.4	68.5	0.0	1.0	7.6	S
07	25	20.9	25.9	17.8	23.4	22.1	21.9	21.6	21.2	20.7	18.2	89.8	0.0	4.3	0.5	4.9	N
07	26	19.3	24.2	17.0	22.5	22.2	22.2	22.0	21.5	20.6	18.1	92.8	0.5	1.4	0.3	3.7	N
07	27	18.9	25.7	14.9	22.8	22.3	22.3	22.1	21.6	20.6	18.2	84.0	0.0	2.8	0.4	4.3	N
07	28	20.0	26.4	14.9	23.2	22.5	22.4	22.2	21.7	20.6	18.2	86.8	0.0	5.5	0.2	3.1	SE
07	29	21.6	26.5	19.3	23.1	22.7	22.7	22.5	21.9	20.7	18.2	96.3	34.0	1.0	0.7	5.1	SSE
07	30	22.2	22.8	21.4	23.3	22.9	22.9	22.7	22.2	21.0	18.4	98.8	37.5	0.0	1.1	8.4	S
07	31	23.5	27.5	21.4	24.2	23.3	23.1	22.8	22.2	21.0	18.4	94.6	0.5	1.3	0.2	3.5	ENE
計	Total												336.0	55.9			
平均	Mean	20.2	24.1	17.6	22.6	22.2	22.2	22.1	21.6	20.4	17.5	93.0	10.8	1.8	0.6	5.6	
最大	Max.	24.4	29.7	21.8	25.6	24.1	23.5	23.1	22.2	21.0	18.4	99.4	68.5	5.6	2.1	13.2	
最低	Min.	16.9	18.2	14.1	19.7	20.6	21.0	21.1	21.2	19.6	16.4	84.0	0.0	0.0	0.1	3.0	

代替機器觀測日(The date of observation by alternative hardwares)

2003年 08月

气象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温 Air Temperature			平均地温 Soil Temperature							湿度	降水量	日照 時間	風速 m/sec Wind Velocity		
		平均 Mean	最高 Max.	最低 Min.	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均 Mean	最大 Max.	風向 Dir.
08	1	22.0	26.7	20.0	24.4	23.6	23.4	23.1	22.4	21.0	18.4	96.3	4.5	1.3	0.4	4.3	N
08	2	24.7	29.4	22.5	26.1	24.5	24.0	23.5	22.6	21.0	18.4	94.7	1.0	2.9	1.4	7.2	S
08	3	25.1	29.5	22.7	26.9	25.4	24.9	24.2	23.0	21.1	18.4	89.1	0.0	7.5	2.1	7.3	SSW
08	4	25.6	30.2	23.1	27.2	25.9	25.4	24.8	23.5	21.2	18.5	88.8	0.0	7.2	1.8	6.2	SSW
08	5	26.2	32.1	23.4	27.8	26.4	25.9	25.2	23.8	21.4	18.5	86.4	0.0	8.8	1.1	5.8	SSW
08	6	25.4	30.2	22.8	27.5	26.7	26.3	25.7	24.2	21.6	18.5	87.1	0.0	5.3	0.2	3.8	SSE
08	7	25.1	30.7	22.5	27.5	26.7	26.3	25.8	24.5	21.7	18.5	89.4	0.0	6.2	0.9	5.5	S
08	8	24.1	27.3	22.3	26.0	26.1	26.1	25.7	24.7	21.9	18.5	95.3	0.0	0.2	1.8	6.5	SSE
08	9	24.0	26.6	22.6	25.0	25.3	25.4	25.2	24.5	22.1	18.6	96.9	26.5	0.0	4.5	14.2	S
08	10	25.2	30.0	21.9	26.8	25.6	25.3	24.9	24.3	22.2	18.6	86.7	0.0	11.1	1.7	9.1	S
08	11	23.9	27.8	21.8	27.1	26.4	26.0	25.5	24.5	22.3	18.7	87.8	0.0	7.4	2.4	8.2	SSW
08	12	23.7	29.0	19.9	25.6	25.9	25.9	25.6	24.7	22.4	18.7	92.7	6.5	0.7	1.8	10.9	SW
08	13	19.8	21.6	19.1	23.5	24.6	25.0	24.9	24.5	22.5	18.8	95.9	9.5	0.3	0.3	5.0	N
08	14	17.7	20.0	16.0	21.2	22.9	23.7	23.8	24.1	22.5	18.9	99.4	35.0	0.0	0.6	7.0	N
08	15	17.2	18.3	16.2	18.5	20.1	21.1	21.5	22.6	23.0	19.6	99.9	147.0	0.0	0.7	6.5	N
08	16	17.0	18.1	16.5	18.7	19.4	20.0	20.2	21.2	22.6	20.2	99.9	44.5	0.0	0.7	6.4	N
08	17	18.9	22.6	16.5	20.3	20.0	20.2	20.3	21.0	22.3	20.2	97.5	4.0	0.0	0.4	6.1	N
08	18	21.8	26.7	17.4	22.1	21.3	21.2	21.0	21.1	22.0	20.1	97.5	1.0	0.7	0.7	6.8	WNW
08	19	19.5	24.0	17.4	21.9	21.8	21.8	21.6	21.5	21.8	20.1	95.2	0.0	1.6	0.3	4.0	N
08	20	21.2	24.6	18.3	22.5	22.0	22.0	21.8	21.6	21.7	20.0	94.6	1.0	0.0	0.2	3.3	N
08	21	24.1	29.6	20.8	24.6	23.2	22.7	22.3	21.8	21.7	20.0	89.6	0.0	6.6	0.6	4.4	SW
08	22	25.3	30.8	22.4	26.0	24.4	23.9	23.3	22.4	21.6	20.0	88.4	0.0	5.6	0.5	4.9	SSW
08	23	25.9	31.8	22.1	26.7	25.4	24.8	24.2	23.0	21.7	20.0	85.0	0.0	10.7	1.7	8.2	SSW
08	24	26.7	33.3	22.9	27.6	26.3	25.6	25.0	23.6	21.8	19.9	83.0	0.0	10.5	0.7	5.2	SW
08	25	25.7	31.0	23.4	27.7	26.8	26.3	25.6	24.1	22.0	19.9	86.8	0.0	10.0	2.4	8.7	SSW
08	26	25.1	28.9	23.6	26.7	26.5	26.3	25.8	24.5	22.2	19.9	89.9	0.0	0.9	1.9	7.5	SSW
08	27	21.8	25.9	19.0	25.1	25.5	25.6	25.4	24.6	22.4	19.9	94.1	27.0	2.4	0.8	6.7	NNW
08	28	22.6	28.2	18.3	25.2	24.9	24.9	24.8	24.4	22.6	19.9	91.2	0.0	4.2	1.0	6.5	S
08	29	26.4	32.1	23.7	27.2	26.0	25.5	25.1	24.4	22.7	19.9	80.1	0.0	8.7	1.7	8.8	SSW
08	30	23.2	27.7	19.5	26.0	25.9	25.8	25.4	24.6	22.8	19.9	81.9	0.0	5.2	0.6	5.3	N
08	31	24.4	28.8	20.9	25.8	25.5	25.5	25.3	24.7	22.8	19.9	89.9	0.0	2.1	1.8	10.3	SSW
計	Total												307.5	128.0			
平均	Mean	23.2	27.5	20.6	25.0	24.5	24.4	24.1	23.4	22.0	19.3	91.3	9.9	4.1	1.2	6.8	
最大	Max.	26.7	33.3	23.7	27.8	26.8	26.3	25.8	24.7	23.0	20.2	99.9	147.0	11.1	4.5	14.2	
最低	Min.	17.0	18.1	16.0	18.5	19.4	20.0	20.2	21.0	21.0	18.4	80.1	0.0	0.0	0.2	3.3	

代替機器觀測日(The date of observation by alternative hardwares)



2003年 09月

## 气象月報

千葉演習林清澄

## Monthly Report of Meteorological Data at Kiyosumi

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
09	1	23.2	29.2	19.7	26.2	25.8	25.6	25.3	24.7	22.9	19.9	92.2	0.0	1.6	0.6	4.0	SW
09	2	24.1	29.6	20.0	26.4	25.8	25.6	25.3	24.7	23.0	20.0	91.6	0.0	2.7	0.3	3.3	SSW
09	3	25.8	30.3	23.5	27.3	26.4	26.0	25.6	24.8	23.0	20.0	89.8	0.0	5.4	0.2	4.4	SW
09	4	22.4	26.5	19.8	26.1	26.2	26.1	25.8	25.0	23.1	20.0	78.0	0.0	6.2	0.7	6.1	N
09	5	23.2	29.8	19.4	26.3	25.9	25.7	25.5	25.0	23.2	20.1	75.9	0.0	8.8	0.3	3.1	N
09	6	24.5	29.8	20.6	26.2	26.0	25.9	25.6	25.0	23.2	20.1	81.8	0.0	8.3	1.4	6.6	SW
09	7	20.7	24.8	18.5	25.0	25.6	25.7	25.5	25.0	23.3	20.1	85.8	0.0	1.7	1.1	6.1	N
09	8	22.3	27.4	18.1	24.7	25.0	25.1	25.0	24.8	23.3	20.2	88.8	0.0	2.0	0.8	4.3	ESE
09	9	25.7	31.6	23.1	27.1	25.9	25.5	25.2	24.7	23.3	20.2	84.3	0.0	9.8	1.9	6.7	SSW
09	10	25.5	29.3	23.3	26.9	26.3	26.1	25.7	24.9	23.3	20.3	86.5	0.0	6.2	2.5	7.0	SSW
09	11	26.4	32.0	23.0	28.0	26.9	26.4	25.9	25.1	23.3	20.3	83.1	0.0	9.7	1.3	5.8	S
09	12	26.2	32.9	23.0	27.8	27.2	26.9	26.4	25.4	23.4	20.3	83.6	0.0	7.7	0.2	2.3	E
09	13	25.5	29.7	22.4	27.3	27.0	26.8	26.4	25.6	23.5	20.4	84.9	0.0	6.1	2.2	10.3	SSW
09	14	25.9	33.0	22.9	27.8	27.1	26.8	26.4	25.6	23.6	20.4	72.8	0.0	8.3	0.7	5.1	ESE
09	15	24.6	30.4	21.3	27.2	27.1	26.9	26.5	25.7	23.7	20.4	79.7	0.0	7.4	0.6	5.5	NNE
09	16	22.4	28.0	19.3	26.7	26.7	26.6	26.3	25.7	23.8	20.5	84.4	0.0	8.2	1.0	4.3	N
09	17	23.0	29.6	19.3	26.7	26.5	26.4	26.2	25.6	23.8	20.5	86.6	0.0	7.4	0.8	4.9	N
09	18	23.6	29.2	20.2	25.8	26.1	26.2	26.0	25.6	23.9	20.5	87.4	1.5	5.1	0.7	4.9	SW
09	19	24.0	29.1	21.2	25.7	25.7	25.7	25.6	25.3	23.9	20.6	82.5	0.0	8.2	2.5	9.4	SSW
09	20	19.1	22.5	15.3	23.2	24.8	25.2	25.3	25.2	23.9	20.6	92.4	29.0	0.8	1.2	6.8	N
09	21	14.2	15.5	13.3	18.1	21.1	22.5	23.1	24.4	24.0	20.7	99.7	85.0	0.0	2.0	10.0	NNE
09	22	13.0	15.9	11.4	16.0	18.4	19.6	20.2	22.2	23.9	21.1	86.8	29.5	0.6	2.3	9.9	NNE
09	23	15.0	20.6	10.2	17.5	18.4	19.1	19.5	21.4	23.5	21.1	79.7	0.0	7.0	0.9	6.7	N
09	24	15.3	19.2	13.0	18.0	19.0	19.6	19.8	21.1	23.0	21.1	92.5	15.5	0.6	1.3	8.0	N
09	25	17.7	21.5	12.4	18.9	19.1	19.5	19.7	20.8	22.6	21.1	98.9	1.0	0.0	0.8	7.3	NNW
09	26	21.8	26.8	17.6	21.8	20.9	20.6	20.4	20.8	22.3	21.0	91.3	0.0	1.7	0.8	4.9	WNW
09	27	19.3	24.6	16.1	21.4	21.3	21.2	21.1	21.2	22.1	21.0	80.2	0.0	9.8	0.9	5.8	N
09	28	17.6	23.3	15.0	21.1	21.4	21.4	21.3	21.5	22.0	21.0	85.4	0.0	7.6	0.9	6.7	N
09	29	17.3	23.9	14.4	20.9	21.2	21.3	21.3	21.5	21.9	21.0	83.2	0.0	8.1	0.8	6.3	NNE
09	30	16.8	23.3	12.0	20.1	20.9	21.2	21.2	21.5	21.8	20.9	59.9	0.0	9.8	0.7	6.2	NNW
計	Total												161.5	166.7			
平均	Mean	21.5	26.6	18.3	24.1	24.2	24.2	24.1	24.0	23.2	20.5	85.0	5.4	5.6	1.1	6.1	
最大	Max.	26.4	33.0	23.5	28.0	27.2	26.9	26.5	25.7	24.0	21.1	99.7	85.0	9.8	2.5	10.3	
最低	Min.	13.0	15.5	10.2	16.0	18.4	19.1	19.5	20.8	21.8	19.9	59.9	0.0	0.0	0.2	2.3	

代替機器觀測日(The date of observation by alternative hardwares)

2003年 10月

気象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温 Air Temperature			平均地温 Soil Temperature							湿度	降水量	日照 時間	風速 m/sec Wind Velocity		
		平均 Mean	最高 Max.	最低 Min.	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均 Mean	最大 Max.	風向 Dir.
10	1	18.3	24.2	13.1	19.9	20.6	20.9	20.9	21.4	21.8	20.9	66.3	0.0	7.4	2.1	9.1	SW
10	2	20.7	26.3	16.4	21.2	21.2	21.2	21.1	21.3	21.7	20.8	68.5	0.0	8.0	2.1	9.8	SSW
10	3	16.9	21.1	14.6	19.4	20.6	21.0	21.1	21.3	21.6	20.8	68.6	0.5	0.6	0.4	3.6	N
10	4	16.1	21.9	13.5	19.2	20.0	20.4	20.5	21.1	21.6	20.7	71.9	0.0	5.0	0.3	3.7	NNE
10	5	15.1	20.0	12.1	18.6	19.6	20.1	20.2	20.9	21.5	20.7	75.1	0.0	2.1	0.4	4.4	NNE
10	6	13.0	14.7	11.1	17.1	18.9	19.6	19.8	20.6	21.4	20.7	97.4	17.5	0.0	0.5	5.4	N
10	7	13.6	16.9	11.1	16.6	17.9	18.6	18.9	20.1	21.3	20.6	89.2	0.0	0.2	0.8	5.4	N
10	8	13.1	15.5	10.9	16.0	17.5	18.2	18.5	19.7	21.1	20.6	84.6	0.0	0.0	0.8	8.1	NNE
10	9	13.5	20.2	9.8	16.2	17.2	17.8	18.1	19.3	20.9	20.5	80.5	0.0	6.5	1.2	7.2	NNE
10	10	15.1	22.3	11.3	17.2	17.6	18.0	18.1	19.1	20.7	20.5	86.2	0.0	7.8	1.3	6.7	N
10	11	16.9	21.3	13.5	18.4	18.4	18.5	18.5	19.1	20.5	20.4	90.1	0.0	3.6	1.2	6.7	NNW
10	12	19.2	24.6	14.3	19.2	18.8	18.9	18.8	19.2	20.4	20.4	96.7	22.0	1.4	1.8	7.6	WNW
10	13	20.6	23.7	15.4	20.5	20.0	19.8	19.5	19.5	20.2	20.3	96.0	4.5	0.0	2.8	13.1	SSW
10	14	13.1	15.6	9.6	17.3	18.9	19.4	19.5	19.8	20.2	20.3	95.1	25.5	0.0	0.6	8.1	N
10	15	12.9	18.3	9.6	16.1	17.3	18.0	18.3	19.3	20.1	20.2	94.6	5.0	2.3	0.6	8.9	N
10	16	14.8	20.3	12.2	17.3	17.7	18.0	18.1	18.9	20.0	20.2	82.9	0.0	8.5	0.4	5.8	N
10	17	13.2	18.1	10.4	16.6	17.6	18.1	18.2	18.9	19.9	20.1	76.8	0.0	8.6	0.7	6.9	NNE
10	18	12.2	17.2	9.6	15.5	17.0	17.7	17.9	18.7	19.8	20.1	87.7	13.5	3.0	1.0	6.4	N
10	19	14.3	20.5	10.1	16.3	16.8	17.3	17.4	18.4	19.7	20.0	78.4	0.0	8.9	0.5	4.7	NNE
10	20	13.2	18.2	10.8	16.1	17.0	17.4	17.5	18.2	19.6	20.0	78.8	0.0	6.0	0.8	5.2	N
10	21	14.8	21.5	9.6	16.4	16.9	17.3	17.4	18.1	19.5	19.9	83.2	0.0	6.3	1.0	5.9	N
10	22	14.6	15.7	13.1	16.3	17.1	17.5	17.5	18.1	19.3	19.9	99.8	30.5	0.0	1.2	6.7	N
10	23	15.6	20.8	10.3	16.9	17.2	17.4	17.4	17.9	19.2	19.8	84.5	0.5	5.0	0.7	6.5	NNW
10	24	13.2	21.3	8.5	15.2	16.5	17.0	17.2	17.9	19.1	19.8	64.0	0.0	8.9	0.5	5.7	N
10	25	12.5	15.3	10.9	15.2	16.3	16.8	16.9	17.7	19.0	19.7	97.1	4.0	0.0	1.4	5.0	N
10	26	14.0	20.9	11.2	15.9	16.3	16.6	16.7	17.5	18.9	19.6	80.6	0.0	6.6	0.9	7.1	NNE
10	27	14.3	20.8	11.2	16.2	16.6	16.9	16.9	17.5	18.8	19.6	82.0	0.0	7.3	1.3	5.5	N
10	28	13.9	18.1	10.9	14.7	15.9	16.5	16.6	17.4	18.6	19.5	97.5	46.0	0.0	1.6	6.9	N
10	29	17.5	22.3	11.0	16.9	16.6	16.6	16.5	17.1	18.4	19.5	80.2	0.5	7.3	2.4	10.9	SW
10	30	15.2	22.9	10.5	15.7	16.4	16.8	16.7	17.3	18.4	19.4	64.8	0.0	8.8	0.4	5.3	NNE
10	31	16.6	24.3	10.5	15.9	16.4	16.7	16.7	17.2	18.3	19.3	69.8	0.0	6.3	0.5	4.0	NNW
計	Total												170.0	136.5			
平均	Mean	15.1	20.1	11.5	17.1	17.8	18.2	18.3	19.0	20.0	20.2	82.9	5.5	4.4	1.0	6.6	
最大	Max.	20.7	26.3	16.4	21.2	21.2	21.2	21.1	21.4	21.8	20.9	99.8	46.0	8.9	2.8	13.1	
最低	Min.	12.2	14.7	8.5	14.7	15.9	16.5	16.5	17.1	18.3	19.3	64.0	0.0	0.0	0.3	3.6	

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

2003年 11月

## 気象月報

千葉演習林清澄

## Monthly Report of Meteorological Data at Kiyosumi

月	日	气温			平均地温							湿度	降水量	日照時間	風速 m/sec		
		平均	最高	最低	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均	最大	風向
Date		Mean	Max.	Min.										Mean	Max.	Dir.	
11	1	17.6	18.7	16.3	16.8	16.9	17.1	16.9	17.3	18.2	19.2	88.4	1.0	0.1	1.2	6.4	SSW
11	2	18.8	24.8	14.9	17.6	17.3	17.3	17.1	17.4	18.2	19.2	80.4	0.0	7.8	0.4	5.2	WNW
11	3	18.2	20.2	16.7	17.4	17.5	17.6	17.5	17.6	18.2	19.1	95.4	7.5	0.0	2.1	9.4	SSW
11	4	16.0	20.5	12.8	17.5	17.7	17.8	17.6	17.7	18.2	19.1	83.5	0.5	2.6	0.5	6.7	NNE
11	5	16.5	20.9	12.4	16.3	16.9	17.3	17.3	17.7	18.2	19.0	79.0	0.5	3.1	1.0	4.0	SE
11	6	16.2	17.8	15.1	17.0	17.2	17.3	17.3	17.6	17.9	18.9	95.3	84.5	0.3	0.5	5.3	NNE
11	7	17.2	20.0	15.3	17.0	17.1	17.3	17.2	17.5	18.0	18.9	92.5	0.0	1.3	0.1	3.5	N
11	8	17.5	24.6	14.5	17.4	17.4	17.5	17.4	17.6	18.0	18.8	88.1	0.0	4.9	0.5	5.0	N
11	9	14.3	19.3	10.3	16.5	17.3	17.5	17.5	17.7	18.0	18.8	97.1	3.5	0.1	0.8	5.0	NNW
11	10	9.4	10.5	8.1	13.9	15.9	16.6	16.9	17.6	18.1	18.8	99.7	9.0	0.0	0.9	7.1	N
11	11	8.9	10.0	7.6	12.4	14.3	15.3	15.7	17.0	18.1	18.7	100.0	13.5	0.0	1.3	8.0	N
11	12	11.2	16.1	8.9	13.5	14.2	14.8	15.1	16.4	18.0	18.7	88.8	2.5	6.2	0.6	7.1	N
11	13	9.9	14.7	7.1	13.0	14.2	14.9	15.1	16.1	17.8	18.7	90.7	1.0	2.2	0.7	6.5	N
11	14	10.0	15.9	5.6	11.9	13.5	14.3	14.6	15.9	17.6	18.6	72.5	0.0	8.0	0.4	4.6	NE
11	15	13.9	17.0	11.2	12.6	13.5	14.1	14.4	15.6	17.5	18.6	83.3	3.5	0.0	1.5	9.4	S
11	16	17.2	20.2	12.5	15.3	14.7	14.8	14.7	15.3	17.2	18.5	86.2	28.5	1.3	2.9	10.7	SSW
11	17	11.3	16.3	7.0	13.1	14.4	14.9	15.0	15.5	17.0	18.5	58.8	0.0	8.2	1.1	6.4	N
11	18	11.6	17.0	5.7	11.8	13.2	14.0	14.4	15.4	16.9	18.4	68.4	0.0	2.5	0.6	5.0	E
11	19	13.2	16.9	8.9	13.4	13.7	14.1	14.2	15.2	16.9	18.4	88.8	0.5	0.1	0.6	5.2	NNW
11	20	11.9	17.5	9.6	13.0	13.8	14.3	14.4	15.2	16.8	18.3	99.6	21.0	0.0	1.4	6.4	N
11	21	17.5	22.1	13.8	15.8	15.0	14.8	14.6	14.9	16.1	18.1	89.5	55.5	3.2	1.9	9.0	SSW
11	22	13.4	18.4	8.1	14.2	14.9	15.2	15.1	15.3	16.2	18.0	65.4	0.0	4.9	0.7	7.0	NNW
11	23	7.8	12.2	6.0	11.8	13.7	14.4	14.6	15.3	16.2	18.0	74.6	0.0	1.8	1.0	6.0	N
11	24	8.7	13.8	6.4	11.3	12.7	13.5	13.9	15.0	16.3	17.9	83.8	0.0	2.8	1.6	6.3	N
11	25	10.5	17.2	7.6	11.5	12.5	13.1	13.3	14.3	15.6	17.7	98.7	134.0	0.0	1.8	8.5	NNE
11	26	9.3	14.9	5.5	11.3	12.2	12.7	12.8	13.6	14.9	17.3	78.1	0.0	7.9	1.1	6.1	NNE
11	27	6.9	12.0	4.2	9.7	11.3	12.2	12.5	13.5	15.1	17.4	81.8	0.0	4.2	1.1	6.9	N
11	28	8.6	13.9	6.0	9.9	10.9	11.7	12.0	13.2	15.2	17.4	88.3	0.5	2.2	1.6	7.3	N
11	29	10.1	16.9	7.8	10.7	11.3	11.8	12.0	13.1	15.1	17.4	100.0	16.0	0.0	1.9	6.5	N
11	30	15.3	18.3	13.4	14.5	13.5	13.3	13.0	13.1	14.3	16.9	100.0	128.5	0.0	1.1	9.7	SSW
計	Total												511.5	75.7			
平均	Mean	13.0	17.3	10.0	13.9	14.6	15.0	15.1	15.8	17.0	18.4	86.6	17.1	2.5	1.1	6.7	
最大	Max.	18.8	24.8	16.7	17.6	17.7	17.8	17.6	17.7	18.2	19.2	100.0	134.0	8.2	2.9	10.7	
最低	Min.	6.9	10.0	4.2	9.7	10.9	11.7	12.0	13.1	14.3	16.9	58.8	0.0	0.0	0.1	3.5	

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

2003年 12月

气象月報  
Monthly Report of Meteorological Data at Kiyosumi

千葉演習林清澄

月	日	气温 Air Temperature			平均地温 Soil Temperature							湿度	降水量	日照 時間	風速 m/sec Wind Velocity		
		平均 Mean	最高 Max.	最低 Min.	0.0	0.1	0.2	0.3	0.5	1.0	2.0m deep	Hum. %	Prec. mm	Sun hrs	平均 Mean	最大 Max.	風向 Dir.
12	1	10.9	13.5	8.6	12.7	13.5	13.8	13.7	13.7	14.2	16.7	100.0	33.0	0.0	1.6	10.1	NNE
12	2	10.6	16.9	7.4	11.7	12.5	12.9	13.0	13.6	14.3	16.7	79.2	3.5	7.9	1.0	9.9	N
12	3	8.1	10.0	7.0	9.9	11.6	12.4	12.6	13.4	14.4	16.7	82.1	7.5	0.2	0.7	5.8	N
12	4	8.5	14.7	4.4	9.9	11.0	11.7	11.9	13.0	14.5	16.7	77.3	0.0	7.2	0.6	5.1	N
12	5	5.2	7.3	4.0	8.4	10.3	11.2	11.6	12.8	14.4	16.6	80.5	0.5	0.0	1.7	7.9	N
12	6	10.2	16.3	4.0	9.5	10.1	10.7	11.0	12.4	14.4	16.6	94.6	3.0	1.6	2.8	11.2	W
12	7	12.8	18.7	5.1	11.4	11.4	11.5	11.5	12.2	14.3	16.5	62.8	0.0	7.6	1.4	10.2	WNW
12	8	8.2	15.9	4.6	9.9	11.0	11.6	11.7	12.4	14.2	16.5	67.2	0.0	6.3	0.5	5.4	W
12	9	7.1	12.8	3.6	8.5	10.2	11.0	11.3	12.4	14.1	16.5	57.7	0.0	7.1	1.0	5.6	N
12	10	5.5	11.1	2.9	7.8	9.5	10.4	10.7	12.0	14.0	16.4	62.2	0.0	5.2	0.6	6.7	NNE
12	11	4.8	7.0	3.2	7.5	9.1	10.0	10.4	11.7	13.9	16.3	88.9	4.0	0.3	1.9	7.8	N
12	12	6.6	13.0	3.9	8.0	8.8	9.6	9.9	11.4	13.8	16.3	97.7	13.5	2.5	1.4	6.2	NNW
12	13	8.3	15.7	4.5	8.2	9.1	9.7	9.9	11.1	13.7	16.3	65.3	0.0	7.8	0.8	6.2	N
12	14	7.9	14.9	3.4	7.6	8.9	9.6	9.8	11.0	13.5	16.2	57.2	0.0	7.9	0.4	4.6	N
12	15	7.9	13.6	3.4	7.5	8.7	9.4	9.7	10.9	13.3	16.1	68.3	0.0	1.6	1.6	8.8	WNW
12	16	6.4	11.9	3.6	6.9	8.4	9.2	9.5	10.8	13.2	16.1	60.5	0.0	7.3	1.1	9.6	NNW
12	17	6.8	11.6	3.2	6.6	8.0	8.8	9.1	10.5	13.1	16.0	73.1	3.0	2.9	1.4	6.8	W
12	18	8.0	13.6	3.7	7.2	8.1	8.8	9.0	10.3	13.0	15.9	57.2	0.0	6.7	0.8	6.7	NNW
12	19	7.1	12.9	3.0	7.4	8.3	8.9	9.1	10.3	12.8	15.9	55.3	0.0	6.5	1.0	9.4	NW
12	20	3.2	7.2	0.8	5.2	7.5	8.5	8.9	10.2	12.7	15.8	46.8	0.0	5.8	1.2	9.0	NW
12	21	4.8	12.6	0.6	4.9	6.6	7.6	8.2	9.8	12.6	15.7	53.7	0.0	7.9	0.9	6.7	NNW
12	22	6.9	14.1	2.2	5.8	6.9	7.6	8.0	9.5	12.4	15.7	63.7	0.0	7.2	0.8	7.2	NW
12	23	9.5	17.6	4.6	6.6	7.4	7.9	8.2	9.4	12.3	15.6	58.4	0.0	7.7	0.4	4.5	NNW
12	24	9.5	16.0	5.0	7.4	7.9	8.3	8.5	9.5	12.1	15.5	66.4	0.0	7.0	0.5	4.0	N
12	25	11.0	16.4	6.6	7.7	8.3	8.6	8.8	9.6	12.0	15.4	55.2	0.0	6.7	1.3	10.8	SSW
12	26	8.8	13.9	5.2	7.8	8.5	8.9	9.0	9.8	11.9	15.4	68.7	0.0	3.7	0.7	6.5	N
12	27	2.5	8.4	-1.1	6.4	8.1	8.7	8.9	9.8	11.9	15.3	65.2	0.0	6.6	1.1	7.2	N
12	28	4.7	13.1	-1.0	4.8	6.7	7.7	8.1	9.6	11.9	15.2	52.7	0.0	7.6	0.4	4.6	NW
12	29	8.4	14.0	3.8	6.4	7.2	7.7	8.0	9.3	11.8	15.1	67.1	0.0	7.1	2.2	12.4	SSW
12	30	8.3	13.6	5.3	6.9	7.6	8.1	8.2	9.2	11.7	15.0	57.1	0.0	7.3	0.8	6.8	N
12	31	7.6	13.2	2.4	7.4	7.9	8.3	8.4	9.3	11.6	15.0	78.1	0.5	3.9	1.7	8.3	NW
計	Total												68.5	164.8			
平均	Mean	7.6	13.3	3.8	7.9	9.0	9.6	9.9	11.0	13.2	16.0	68.4	2.2	5.3	1.1	7.5	
最大	Max.	12.8	18.7	8.6	12.7	13.5	13.8	13.7	13.7	14.5	16.7	100.0	33.0	7.9	2.8	12.4	
最低	Min.	2.5	7.0	-1.1	4.8	6.6	7.6	8.0	9.2	11.6	15.0	46.8	0.0	0.0	0.4	4.0	

代替機器觀測日(The date of observation by alternative hardwares)