

# Analysis result with ACM analysis software

File name	Number of ACM CH.	Number of temp. CH.	Number of hum. CH.	Start date	Number of data	Rainfall threshold	Sensor
05040111.acm	2	1	1	2005/4/1	4320	1.0 $\mu$ A	Fe

Rainfall	ACM #1		ACM #2		ACMチャンネル
DATE[day]	Begin rainfall	End rainfall	Begin rainfall	End rainfall	
1	1.124166667	1.158888889	1.092777778	1.231666667	Begin rainfall(day) End rainfall(day)
2	1.214444444	1.242222222	1.280277778	1.3775	
3	1.256111111	1.276944444	1.384444444	1.405277778	
4	4.776944444	4.811666667	4.960833333	5.037222222	
5	4.811666667	4.860277778	5.058055556	5.19	
6	4.888055556	4.922777778	5.273333333	5.308055556	
7	4.922777778	4.964444444	5.308055556	5.321944444	
Times/ Hour	7	5.83333332	7	12.33333334	Wetting time Time of Wetness(hour)

	ACM #1	ACM #2	
Qdew[C]	3.465868431	0.015570471	quantity of electricity(coulomb) in dew periods
Tdew[days]	32.24479167	29.39319444	Time of dew periods (days)
Q[C/day]	0.107486147	0.000519136	daily flow of electricity(Qdew/Tdew)
Qrain[C]	4.711784044	0	Coulomb in rain fall periods

## About Corrosion rate

See docment acm\_s3.pdf

海塩付着量	Amount of deposited sea salt Ws(g/m2)		
Time[day]	ACM01-HUM01	ACM02-HUM01	
1	0.033618523	0.001852385	Amount of deposited sea salt during the morning
1.5	0.032772716	0.001879066	Amount of deposited sea salt during an afternoon
2	0.0343433	0.001819571	
2.5	0.034097317		Blank: sea salt was not detected.
3	0.036165527	0.00118347	
3.5	0.003291629	0.01211041	
4	0.005182459	0.015364929	

## About the amount of deposited sea sal

See docment acm\_s3.pdf