

資 料

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

1943 June 12—13,

観測者 江藤 敏治, 森 昭三

1943 June 12nd 11 ^R — 12												14 ^R — 15													
時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total
0 ^a -10													0 ^a -10	1	0	1	2	3	0	0	0	0	3	10	
10-20													10-20	0	0	2	2	4	3	6	8	12	12	49	
20-30													20-30	8	12	10	13	9	11	12	8	12	13	108	
30-40	15	14	10	10	12	8	2	2	2	1	7	75	30-40	10	11	9	6	7	6	9	4	7	5	74	
40-50	0	0	0	1	0	4	1	1	1	2	10	20	40-50	4	9	4	4	7	5	6	4	6	2	51	
50-60	2	2	2	2	3	2	3	1	4	7	28		50-60	5	2	3	1	1	0	0	0	0	0	12	
12 — 13												15 — 16													
時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total
0 ^a -10	14	14	10	15	21	21	21	16	15	15	162		0 ^a -10	0	0	0	1	0	0	0	0	0	0	1	2
10-20	11	11	10	8	3	3	1	2	1	1	51		10-20	0	2	0	0	0	0	0	0	0	0	0	2
20-30	0	0	2	2	0	0	0	0	1	2	7		20-30	0	0	1	0	1	1	0	1	1	2	7	
30-40			2	1	3	1	0	6	4	8	25		30-40	4	2	4	3	1	1	10	11	11	13	60	
40-50	7	8	14	10	11	16	11	11	19	13	120		40-50	11	11	6	13	10	8	10	5	10	9	93	
50-60	20	11	8	7	3	3	3	3	3	1	62		50-60	6	5	7	9	4	6	6	2	2	7	54	
13 — 14 ^R												16 — 17 ^R													
時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ^a	1	2	3	4	5	6	7	8	9	10	Total
0 ^a -10	0	0	0	0	0	1	0	0	0	4	5		0 ^a -10	→	大	吹	始	→							
10-20	1	1	1	0	0	0	0	5	1	2	11		10-20												
20-30	4	7	8	11	10	12	11	12	10	14	99		20-30												
30-40	14	12	13	9	9	13	9	11	8	11	109		30-40												
40-50	12	13	11	8	6	7	5	6	1	3	72		40-50												
50-60	0	0	0	0	2	1	0	1	0	0	4		50-60												

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

17 ^R - 18											20 ^R - 21														
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10												
10-20													10-20												
20-30					親吹	(00)							20-30						親吹	(00)					
30-40													30-40												
40-50													40-50												
50-60													50-60												

18 - 19											21 - 22														
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10												
10-20													10-20												
20-30					親吹	(00)							20-30												
30-40													30-40												
40-50													40-50			→	0	0	0	0	0	0	0	0	0
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	0

19 - 20 ^R											22 - 23 ^R														
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10													0 ⁿ -10	1	0	0	0	0	0	1	0	0	0	0	2
10-20													10-20	0	0	0	0	0	0	0	0	0	0	0	0
20-30													20-30	0	0	0	0	0	0	0	0	1	0	0	1
30-40													30-40	0	0	0	0	0	0	0	0	0	0	0	0
40-50													40-50	0	0	0	0	0	0	0	0	0	0	1	1
50-60													50-60	0	0	0	0	0	0	0	0	0	0	0	0

23 ^R - 24(0 ⁿ)													2 ^R - 3													
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	
0 ⁿ -10	0	0	0	0	1	0	0	0	0	0	0	1	0 ⁿ -10	0	0	0	0	0	0	0	0	0	0	1	0	1
10-20	0	0	0	0	0	0	0	0	0	0	0	0	10-20	0	0	0	0	0	0	0	0	0	0	0	0	
20-30	0	0	0	0	0	0	0	0	1	0	0	1	20-30	0	0	0	0	0	0	0	0	0	1	0	1	
30-40	0	0	0	0	0	0	0	0	0	0	0	0	30-40	0	0	0	0	0	0	0	0	1	0	0	1	
40-50	0	0	0	0	0	0	0	0	0	0	0	0	40-50	0	0	0	1	0	0	0	1	0	0	0	2	
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	0	0	0	1	1	1	0	0	0	0	0	2	

194.3 June 13RD 0 - 1													3 - 4												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10	0	0	0	1	0	0	0	0	0	0	0	1	0 ⁿ -10	0	0	0	0	0	0	0	0	0	0	0	0
10-20	0	0	0	0	0	0	0	0	1	0	0	1	10-20	1	0	0	0	1	1	0	0	0	0	0	3
20-30	0	0	0	0	0	0	0	0	0	0	0	0	20-30	1	0	0	0	0	0	0	0	0	0	0	1
30-40	0	0	0	0	0	1	0	0	0	0	0	1	30-40	0	1	0	1	2	0	2	1	0	1	0	8
40-50	0	0	0	1	0	0	0	0	0	0	0	1	40-50	0	0	0	1	0	0	1	0	0	0	0	2
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	3	0	0	1	1	0	0	0	0	0	0	5

1 - 2 ^R													4 - 5 ^R												
時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total	時刻	0 ⁿ	1	2	3	4	5	6	7	8	9	10	Total
0 ⁿ -10	0	0	0	0	0	0	0	0	0	0	0	0	0 ⁿ -10	0	0	0	0	0	2	1	1	3	2	9	
10-20	0	0	0	0	0	0	0	0	0	0	0	0	10-20	1	0	2	0	3	1	1	1	0	1	10	
20-30	0	0	0	0	0	0	0	0	0	0	0	0	20-30	0	0	1	0	1	0	1	0	3	4	10	
30-40	0	0	0	0	0	0	0	0	0	0	0	0	30-40	3	1	2	4	4	2	2	2	4	1	27	
40-50	0	0	0	0	0	0	0	0	0	0	0	0	40-50	4	5	5	4	1	2	7	3	4	2	37	
50-60	0	0	0	0	0	0	0	0	0	0	0	0	50-60	0	5	3	2	4	0	3	2	0		19	

阿蘇湯の谷間歇泉噴出回数(毎分)観測表

5 ^R - 6												8 ^R - 9											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	4	2	3	5	3	2	4	4	6	5	43	0 ^m -10	0	0	0	0	0	0	7	0	2	0	3
10-20	7	3	4	3	3	5	5	3	4	4	41	10-20	0	0	1	1	3	2	2	2	5	1	12
20-30	6	5	3	7	6	4	6	3	5	5	50	20-30	1	5	12	10	10	11	8	10	7	10	60
30-40	5	5	4	4	2	4	2	2	3	3	34	30-40	4	4	3	1	3	2	0	0	0	0	27
40-50	4	2	3	2	4	4	2	3	5	3	32	40-50	1	3	3	0	1	2	0	1	4	4	19
50-60	2	3	0	2	3	7	6	1			24	50-60	2	0	2	0	3	4	5	8	9		33

6 - 7												9 - 10											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	1	4	5	6	6	9	9	5	5	4	54	0 ^m -10	11	12	8	9	6	8	4	8	7	2	75
10-20	2	0	0	0	2	0	3	0	0	3	10	10-20	4	0	0	0	0	0	0	0	0	7	5
20-30	2	3	3	4	1	2	3	2	4	5	29	20-30	1	1	6	2	1	4	2	1	5	5	28
30-40	4	7	5	2	5	5	9	10	6	12	65	30-40	5	5	1	1	8	9	7	9	7	10	44
40-50	9	7	4	5	0	0	1	0	0	0	26	40-50	10	9	3	2	3	2	0	0	0	0	29
50-60	0	1	1	3	3	1	3	0	0		12	50-60	1	0	0	1	1	0	0	1	3		7

7 - 8 ^R												10 - 11 ^R											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	2	2	3	2	5	5	3	5	3	8	35	0 ^m -10	7	2	1	2	3	4	2	3	3	8	29
10-20	6	9	7	6	5	8	8	6	6	4	65	10-20	6	7	8	8	8	9	10	6	9	6	47
20-30	2	0	0	0	1	0	2	0	0	0	5	20-30	10	9	7	9	4	3	1	0	0	0	43
30-40	1	0	0	0	0	1	0	1	1	0	4	30-40	1	0	0	0	1	0	1	0	3	4	10
40-50	1	2	1	5	1	7	12	9	12	8	58	40-50	2	3	6	2	5	1	1	12	10	13	61
50-60	8	7	8	6	2	2	0	2	0		35	50-60	13	11	14	14	10	14	8	10	10		106

11 ^R - 12												14 ^R - 15											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	4	0	3	0	2	0	1	0	0	1	11	0 ^m -10											
10-20	0	0	0	3	1	0	1	2	0	2	9	10-20											
20-30	0	4	3	3	2	2	7	3	6	4	36	20-30											
30-40	13	12	14	13	11	10	12	6	4	11	106	30-40											
40-50	4	6	5	6	4	6	3	8	9	7	59	40-50											
50-60	8	6	2	3	4	5	2	2	1		33	50-60											

12 - 13												15 - 16											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	0	0	0	0	0	0	0	1	0	1	2	0 ^m -10											
10-20	0	0	0	1	0	0	0	0	0	0	1	10-20											
20-30	1	0	0	0	2	0	0	0	0	2	5	20-30											
30-40	0	0	1	5	7	10	8	7	8	12	58	30-40											
40-50	8	5	7	9	9	6	8	5	6	5	65	40-50											
50-60	3	2	4	4	2	3	0	0	5	0	23	50-60											

13 - 14 ^R												16 - 17 ^R											
時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total	時刻	0-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	Total
0 ^m -10	0	0	2	0	0	2	0	2	0	1	7	0 ^m -10											
10-20	→	カ	吹	4	(カ)							10-20											
20-30												20-30											
30-40												30-40											
40-50												40-50											
50-60												50-60											

阿蘇場の谷間敬泉噴出回数(毎分)観測表

17 ^R ~ 18													20 ^R ~ 21																	
時刻	0 ^m	1	2	3	3-4	4	5	6	7	7-8	8	9	9-10	Total	時刻	0 ^m	1	2	2-3	3	3-4	4	5	6	7	7-8	8	9	9-10	Total
0 ^m -10															0 ^m -10															
10-20															10-20															
20-30					観	吹	(60)								20-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-40															30-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40-50															40-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50-60															50-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

18 ~ 19													21 ~ 22																	
時刻	0 ^m	1	2	3	3-4	4	5	6	7	7-8	8	9	9-10	Total	時刻	0 ^m	1	2	2-3	3	3-4	4	5	6	7	7-8	8	9	9-10	Total
0 ^m -10															0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10-20															10-20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20-30					観	吹	(60)								20-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-40															30-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40-50															40-50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
50-60															50-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

19 ~ 20 ^R													22 ~ 23 ^R																	
時刻	0 ^m	1	2	3	3-4	4	5	6	7	7-8	8	9	9-10	Total	時刻	0 ^m	1	2	2-3	3	3-4	4	5	6	7	7-8	8	9	9-10	Total
0 ^m -10															0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10-20															10-20	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
20-30					観	吹	(60)								20-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-40															30-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40-50															40-50	0	0	0	0	0	0	2	0	0	0	0	0	2		
50-60															50-60	0	0	0	0	0	0	0	0	0	0	0	0	1		

23 ^R ~ 24																
時刻	0 ^m	1	2	3	3-4	4	5	6	6-7	7	8	8-9	9	9-10	Total	
0 ^m -10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10-20	0	1	0	0	0	0	0	0	0	1	0	0	0	2	0	
20-30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30-40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
40-50	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	
50-60	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	