

気温月表
 地点名：室堂ビジターセンター 9月
 期間：1996年
 単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N	
1	7.8	7.7	7.5	7.4	7.1	7.6	8.2	8.7	9.8	10.6	10.9	10.6	10.6	10.0	9.1	8.8	9.6	8.4	7.4	6.8	6.7	7.2	6.9	7.2	7.2	8.3	11.9	***	4.9	***	0
2	7.9	8.1	8.3	9.0	6.9	7.4	8.2	9.2	8.6	10.7	11.6	9.5	12.1	11.8	11.3	10.7	11.1	8.1	7.3	7.6	6.8	7.2	7.4	7.9	8.9	12.1	13:00	6.8	21:00	24	
3	7.7	8.8	8.3	9.2	8.6	9.5	10.6	11.4	11.6	11.4	8.0	10.7	7.2	7.4	7.5	7.4	7.4	7.2	7.1	6.9	6.4	6.0	6.4	6.4	8.3	11.6	9:00	6.0	22:00	24	
4	6.7	5.3	5.6	5.0	5.2	5.6	4.4	4.7	5.5	7.8	9.8	10.2	8.3	9.2	9.2	8.4	6.8	5.6	5.6	5.3	5.4	5.2	5.3	4.5	6.4	10.2	12:00	4.4	7:00	24	
5	4.3	3.2	3.0	3.1	2.3	1.7	5.2	7.5	8.6	10.2	9.7	10.9	11.7	12.1	10.6	10.4	10.0	4.9	3.9	5.0	5.5	5.0	5.3	5.0	6.6	12.1	14:00	1.7	6:00	24	
6	4.8	3.8	4.2	4.0	5.9	6.2	7.4	8.7	10.2	9.5	10.9	10.4	10.0	10.2	9.1	8.4	8.3	7.4	6.5	6.0	6.0	6.3	5.8	4.9	7.3	10.9	11:00	3.8	2:00	24	
7	3.5	3.4	3.4	3.3	3.1	3.1	3.5	3.3	3.9	4.9	5.6	4.7	4.4	3.8	1.7	0.9	0.0	-0.3	1.4	1.7	1.3	2.5	2.7	2.9	2.9	5.6	11:00	-0.3	18:00	24	
8	3.5	3.9	2.7	4.7	5.2	6.6	8.3	12.1	12.1	12.3	12.8	13.6	14.3	12.3	10.3	9.5	9.6	9.9	8.5	8.6	8.3	7.8	8.1	7.1	8.8	14.3	13:00	2.7	3:00	24	
9	8.6	8.8	7.5	7.2	7.7	8.3	8.8	11.6	14.5	13.9	14.8	14.9	13.4	12.3	9.9	10.4	10.3	9.0	8.3	7.5	8.0	8.4	7.6	7.7	10.0	14.9	12:00	7.2	4:00	24	
10	7.7	6.6	7.0	4.7	4.3	3.7	3.7	4.2	4.8	4.1	4.2	4.8	5.8	6.3	5.7	5.7	6.2	6.6	7.0	7.4	6.8	6.9	6.7	6.8	5.7	7.7	1:00	3.7	7:00	24	
中旬	5.9	5.7	5.5	5.5	5.5	5.7	6.6	7.9	8.8	9.4	9.7	10.0	9.6	9.4	8.4	8.2	7.8	6.3	6.0	6.1	5.9	6.0	6.0	5.7	7.1	11.0	***	4.0	***	440	
時間	6.8	6.6	6.3	6.3	6.2	6.5	7.3	8.3	9.2	9.9	10.2	10.3	10.1	9.7	8.7	8.5	8.6	7.3	6.6	6.4	6.3	6.5	6.4	6.4	7.7	14.9	9/29	-0.3	9/27	440	
日																									7.7	10.3	9/15	2.9	9/28	19	

表1 室堂ビジターセンターの気温月報

気温月表
 地点名：室堂ビジターセンター
 期間：1996年 10月
 単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N	
1	7.0	6.6	6.5	6.5	6.0	5.4	6.5	8.1	8.6	10.0	10.5	11.0	10.8	8.1	9.0	7.1	7.0	8.5	5.8	5.7	7.3	7.1	6.8	6.7	7.6	11.0	12:00	5.4	6:00	24	
2	6.4	6.3	6.0	6.4	6.1	6.6	6.8	7.5	9.1	10.5	11.3	11.3	11.0	8.3	7.7	8.7	7.4	6.8	6.2	5.4	4.9	4.8	4.8	4.3	7.3	11.3	12:00	4.3	24:00	24	
3	4.6	4.5	4.4	4.5	4.0	3.9	4.1	4.5	5.0	6.2	5.5	5.0	4.4	4.1	4.2	4.3	3.9	4.2	4.1	1.8	2.2	2.5	3.7	3.1	4.1	6.2	10:00	1.8	20:00	24	
4	2.7	2.2	1.5	1.4	1.0	1.0	1.6	3.6	3.2	3.0	2.8	3.4	3.2	3.9	3.4	3.1	3.0	1.6	1.8	1.7	1.3	1.6	2.1	2.1	2.3	3.9	14:00	1.0	6:00	24	
5	2.6	2.7	3.0	3.2	3.2	2.7	3.8	4.2	5.8	5.9	6.2	6.9	5.2	5.3	5.4	5.8	6.0	4.6	5.3	4.2	3.0	3.6	3.4	2.6	4.4	6.9	12:00	2.6	24:00	24	
6	3.1	2.7	3.1	3.2	3.1	3.0	4.6	6.2	7.6	8.8	10.4	11.3	11.1	9.3	10.0	7.5	6.6	4.8	5.2	4.8	4.6	4.5	4.4	4.4	6.0	11.3	12:00	2.7	2:00	24	
7	4.9	4.1	4.0	3.2	4.3	5.3	5.9	5.9	6.0	6.1	6.4	6.8	7.1	6.6	6.4	6.4	6.2	5.5	5.6	5.3	4.7	4.5	3.6	3.4	5.3	7.1	13:00	3.2	4:00	24	
8	3.3	2.4	3.0	3.1	2.6	2.1	4.3	3.9	3.8	4.1	4.2	4.6	4.2	4.3	4.3	4.0	3.8	3.5	2.9	3.1	2.5	2.6	2.4	2.1	3.4	4.6	12:00	2.1	24:00	24	
9	2.0	1.7	1.5	1.0	1.8	1.4	1.4	1.0	0.9	1.2	3.3	3.8	3.6	3.5	1.4	1.6	0.8	0.3	1.5	2.1	0.5	0.0	-0.6	-0.3	1.5	3.8	12:00	-0.6	23:00	24	
10	0.5	1.5	-1.3	-0.6	-1.0	-1.5	0.9	4.1	5.6	6.4	6.7	6.5	7.7	6.5	5.8	5.0	3.0	1.0	1.1	0.6	1.0	1.1	1.9	1.7	2.7	7.7	13:00	-1.5	6:00	24	
上旬	3.7	3.5	3.2	3.2	3.1	3.0	4.0	4.9	5.6	6.2	6.7	7.1	6.8	6.0	5.8	5.4	4.8	4.1	4.0	3.5	3.2	3.2	3.3	3.0	4.5	7.4	***	2.1	***	24	
11	2.0	1.7	1.3	1.6	1.5	1.3	2.1	2.5	4.3	6.0	7.6	8.3	7.7	5.9	6.6	6.2	6.0	5.1	4.9	4.7	4.5	4.2	4.2	4.0	4.3	8.3	12:00	1.3	6:00	24	
12	3.9	3.9	3.6	3.7	3.8	3.8	3.8	4.6	4.8	5.8	7.3	7.1	7.0	5.5	6.0	5.6	5.5	4.9	4.3	4.1	4.8	4.5	4.2	4.3	4.9	7.3	11:00	3.6	3:00	24	
13	4.4	4.6	4.8	4.7	4.5	3.9	3.5	3.9	5.1	7.3	7.9	8.2	7.7	8.9	9.2	7.3	---	---	---	---	---	---	---	---	6.0	9.2	15:00	3.5	7:00	16	
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
中旬	3.4	3.4	3.2	3.3	3.3	3.0	3.1	3.7	4.7	6.4	7.6	7.9	7.5	6.8	7.3	6.4	5.8	5.0	4.6	4.4	4.7	4.4	4.2	4.2	5.1	8.3	***	2.8	***	24	
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
下旬	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	***	---	***	0
時間	3.6	3.5	3.2	3.2	3.1	3.0	3.8	4.6	5.4	6.3	6.9	7.2	7.0	6.2	6.1	5.6	4.9	4.2	4.1	3.6	3.4	3.4	3.4	3.2	4.6	11.3	10/6	-1.5	10/10	304	
日																									4.6	7.6	10/1	1.5	10/9	13	

表1 (続き)

温度月表
地点名：室堂平 地上20cm
期 間：1996年 10月
単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N		
1	5.2	5.2	5.3	5.0	4.9	4.0	5.7	6.4	7.5	9.4	10.6	10.0	9.3	6.8	6.2	4.3	5.6	6.5	4.7	4.9	6.0	5.2	4.9	5.0	6.2	10.6	11:00	4.0	6:00	24		
2	4.7	4.6	4.8	4.8	4.2	4.3	6.5	8.3	10.4	12.4	12.2	10.4	9.4	6.4	5.1	7.4	4.8	4.3	3.6	3.4	2.8	3.6	3.6	2.9	6.0	12.4	10:00	2.8	21:00	24		
3	3.5	3.5	3.3	3.4	3.0	2.8	3.0	3.2	3.8	4.0	3.7	3.5	3.0	3.0	3.0	3.2	2.7	3.0	2.9	-0.1	0.3	0.9	2.1	1.6	2.8	4.0	10:00	-0.1	20:00	24		
4	1.3	0.9	-0.3	-0.1	-0.6	-1.0	-0.2	0.9	1.4	1.6	1.7	2.1	1.8	2.6	1.9	1.7	1.2	0.0	-0.1	0.6	-0.6	-0.1	0.6	0.8	0.8	2.6	14:00	-1.0	6:00	24		
5	1.3	1.5	1.9	2.0	1.8	1.4	1.8	3.0	5.7	7.1	7.7	7.1	5.4	5.7	4.9	5.6	2.9	2.7	2.2	-0.1	0.4	-0.5	0.1	-0.7	3.0	7.7	11:00	-0.7	24:00	24		
6	0.3	0.8	1.2	1.1	1.0	1.5	3.2	5.5	8.8	10.0	12.3	13.8	9.7	8.7	8.8	5.4	3.8	2.5	3.1	2.3	2.7	2.4	1.8	1.9	4.7	13.8	12:00	0.3	1:00	24		
7	2.7	2.0	2.4	1.1	3.0	4.1	4.6	4.6	4.6	4.7	4.9	5.3	5.6	5.0	4.7	4.7	4.4	3.7	3.9	3.7	3.2	3.0	2.0	1.4	3.7	5.6	13:00	1.1	4:00	24		
8	1.5	1.0	1.6	1.6	1.3	0.6	2.8	2.7	2.6	2.7	3.1	3.5	2.8	2.9	2.9	2.5	2.3	2.1	1.6	1.7	1.1	1.3	1.1	0.6	2.0	3.5	12:00	0.6	24:00	24		
9	0.5	0.4	0.4	-0.2	0.6	0.3	0.2	-0.1	0.5	1.6	5.3	3.2	3.4	4.0	1.3	0.8	-1.1	-1.8	-0.9	-1.5	-3.4	-5.2	-4.8	-4.1	0.0	5.3	11:00	-5.2	22:00	24		
10	-2.4	-2.8	-4.9	-5.2	-6.2	-6.7	0.7	4.9	8.9	9.0	8.6	8.7	5.6	5.3	5.0	4.0	1.4	-3.2	-2.8	-2.6	-1.6	-1.6	0.1	0.0	0.9	9.0	10:00	-6.7	6:00	24		
上旬	1.9	1.7	1.6	1.4	1.3	1.1	2.8	3.9	5.4	6.3	7.0	6.8	5.6	5.0	4.4	4.0	2.8	2.0	1.8	1.2	1.1	0.9	1.2	0.9	3.0	7.5	**:**	-0.5	**:**	0		
11	0.7	0.0	-0.5	0.1	-0.2	-0.4	0.7	1.5	2.7	5.4	7.2	8.2	---	---	---	---	---	---	---	---	---	---	---	---	2.1	8.2	12:00	-0.5	3:00	12		
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
中旬	0.7	0.0	-0.5	0.1	-0.2	-0.4	0.7	1.5	2.7	5.4	7.2	8.2	---	---	---	---	---	---	---	---	---	---	---	---	2.1	8.2	**:**	-0.5	**:**	0		
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0	
下旬	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
時間	1.8	1.6	1.4	1.2	1.2	1.0	2.6	3.7	5.2	6.2	7.0	6.9	5.6	5.0	4.4	4.0	2.8	2.0	1.8	1.2	1.1	0.9	1.2	0.9	3.0	13.8	10/6	-6.7	10/10	252		
日																									2.9	6.2	10/1	0.0	10/9	11		

表2 (続き)

温度月表
 地点名：室堂平 地表
 期間：1996年 9月
 単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N	
1																															
2																															
3																															
4																															
5																															
6																															
7																															
8																															
9																															
10																															
上旬																															
11																															
12																															
13																															
14																															
15																															
16																															
17																															
18																															
19																															
20	8.6	8.7	8.6	8.3	8.3	8.2	8.6	8.5	9.0	9.6	10.2	9.9	10.1	10.6	8.9	8.6	7.6	7.3	6.2	5.3	4.8	4.9	4.8	4.7	7.9	10.6	14:00	8.3	19:00	8	
中旬	8.6	8.7	8.6	8.3	8.3	8.2	8.6	8.5	9.0	9.6	10.2	9.9	10.1	10.6	8.9	8.6	9.3	8.2	7.3	6.9	6.8	6.9	6.9	6.8	8.5	10.8	***	6.5	***	24	
21	4.7	4.6	4.7	4.7	4.8	4.8	5.1	7.7	8.7	11.0	12.4	12.9	13.6	13.8	14.3	12.1															
22																															
23																															
24																															
25																															
26																															
27																															
28																															
29	0.8	0.6	0.5	0.2	0.8	1.5	3.3	7.0	13.0	15.6	17.2	18.4	16.5	14.6	11.8	9.8	8.1	6.3	5.2	4.2	4.2	4.2	3.9	3.8	7.1	18.4	12:00	0.2	4:00	24	
30	3.6	3.3	3.3	3.2	3.3	3.3	3.6	4.4	4.9	5.2	4.9	7.5	7.5	7.4	6.6	6.1	5.6	5.4	5.4	5.4	5.6	5.8	5.8	5.7	5.1	7.5	13:00	3.2	4:00	24	
下旬	3.0	2.8	2.8	2.7	3.0	3.2	4.0	6.4	8.9	10.6	11.5	12.9	12.5	11.9	10.9	9.3	6.9	5.9	5.3	4.8	4.9	5.0	4.9	4.8	7.0	13.4	***	2.7	***	24	
時間	4.4	4.3	4.3	4.1	4.3	4.5	5.2	6.9	8.9	10.4	11.2	12.2	11.9	11.6	10.4	9.2	8.1	7.0	6.3	5.9	5.8	6.0	5.9	5.8	7.3	18.4	9/29	0.2	9/29	96	
日																										7.6	9.0	9/19	5.1	9/26	5

表3 室堂平の地表の温度月報

温度月表
地点名：室堂平 地表
期 間：1996年 10月
単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N	
1	5.5	5.4	5.3	5.4	5.3	4.5	5.4	7.5	9.3	12.6	15.6	15.2	16.1	13.0	10.4	7.8	6.1	4.7	4.2	3.3	2.4	2.0	1.4	1.0	7.1	16.1	13:00	1.0	24:00	24	
2	0.8	0.7	0.6	0.2	0.1	-0.3	0.8	5.4	11.9	14.7	16.3	15.5	13.8	10.8	8.9	9.7	7.8	6.7	5.5	5.0	4.7	4.9	4.9	4.6	6.4	16.3	11:00	-0.3	6:00	24	
3	4.6	4.6	4.5	4.4	4.1	4.0	4.4	4.7	5.7	7.1	6.1	5.2	5.0	4.9	4.5	4.2	3.8	3.8	3.7	-0.3	-0.4	-0.2	0.1	0.7	3.7	7.1	10:00	-0.4	21:00	24	
4	1.3	1.5	0.4	0.4	-0.1	-0.4	1.0	4.4	5.7	4.9	5.0	4.5	4.0	4.6	4.5	3.7	3.2	1.6	0.9	1.4	0.3	0.1	1.4	1.6	2.3	5.7	9:00	-0.4	6:00	24	
5	1.8	2.0	2.1	2.3	1.6	1.3	1.4	4.9	9.5	13.3	14.3	13.9	10.7	10.5	9.1	5.5	4.2	3.7	2.4	1.3	0.8	0.1	-0.3	-0.6	4.8	14.3	11:00	-0.6	24:00	24	
6	-0.3	-0.4	-0.1	-0.2	-0.1	0.2	0.0	5.3	10.4	14.9	18.3	17.7	14.2	13.1	10.3	8.6	5.4	3.6	2.8	2.2	1.1	0.7	0.8	0.7	5.4	18.3	11:00	-0.4	2:00	24	
7	0.8	1.1	2.3	1.3	2.7	3.6	4.2	4.5	4.7	4.8	5.0	5.3	5.6	5.5	5.2	5.2	5.0	4.4	4.3	4.2	3.9	3.7	3.3	2.6	3.9	5.6	13:00	0.8	1:00	24	
8	2.5	2.4	2.4	2.4	2.3	2.0	2.8	4.0	4.6	4.9	5.4	5.4	4.7	4.4	4.3	3.8	3.3	3.1	2.7	2.6	2.3	2.2	2.1	1.7	3.3	5.4	12:00	1.7	24:00	24	
9	1.5	1.5	1.3	0.6	1.2	1.3	1.9	2.9	7.0	10.1	14.9	13.9	14.3	12.1	7.7	4.4	2.7	-0.3	-0.5	-0.6	-0.6	-0.7	-0.9	-1.2	3.9	14.9	11:00	-1.2	24:00	24	
10	-1.5	-1.6	-1.8	-2.0	-2.2	-2.4	-2.0	-0.9	-0.2	3.4	9.6	13.4	11.2	10.0	8.3	4.8	2.4	0.2	-0.3	-0.5	-0.4	-0.4	-0.1	-0.1	2.0	13.4	12:00	-2.4	6:00	24	
上旬	1.7	1.7	1.7	1.5	1.5	1.4	2.0	4.3	6.9	9.1	11.1	11.0	10.0	8.9	7.3	5.8	4.4	3.2	2.6	1.9	1.4	1.2	1.3	1.1	4.3	11.7	**:**	-0.2	**:**	0	
11	0.0	-0.1	-0.3	-0.1	-0.4	-0.4	0.1	1.7	4.0	9.3	14.2	13.8	---	---	---	---	---	---	---	---	---	---	---	---	3.5	14.2	11:00	-0.4	6:00	12	
12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
15	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
16	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
17	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
18	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
19	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
20	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
中旬	0.0	-0.1	-0.3	-0.1	-0.4	-0.4	0.1	1.7	4.0	9.3	14.2	13.8	---	---	---	---	---	---	---	---	---	---	---	---	3.5	14.2	**:**	-0.4	**:**	0	
21	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
23	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
24	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
25	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
26	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
27	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
28	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
29	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
31	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
下旬	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	**:**	---	**:**	0
時間	1.5	1.6	1.5	1.3	1.3	1.2	1.8	4.0	6.6	9.1	11.3	11.3	10.0	8.9	7.3	5.8	4.4	3.2	2.6	1.9	1.4	1.2	1.3	1.1	4.2	18.3	10/6	-2.4	10/10	252	
日																									4.2	7.1	10/1	2.0	10/10	11	

表3 (続き)

温度月表

地点名：室堂平 地中20cm

期間：1996年 9月

単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N		
上旬	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.7	8.9	9.7	9.5	9.4	9.5	9.3	10.0	9.9	9.8	9.6	9.4	9.2	9.0	8.8	9.6	10.3	8.8	8.8	8.8	8.8	8.8	
中旬	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.8	8.7	8.7	8.9	9.7	9.5	9.4	9.5	9.3	10.0	9.9	9.8	9.6	9.4	9.2	9.0	8.8	9.6	10.3	8.8	8.8	8.8	8.8	8.8	
21	7.8	7.7	7.5	7.4	7.3	7.2	7.1	7.1	7.0	7.1	7.2	7.5	7.7	8.0	8.3	8.5	...	...	...	...	...	...	...	...	7.5	8.5	16:00	7.0	9:00	16		
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	6.2	5.9	5.7	5.5	5.3	5.2	5.0	4.9	4.9	5.1	5.4	5.9	6.4	6.9	7.3	7.6	7.7	7.8	7.7	7.6	7.4	7.3	7.1	6.9	6.4	7.8	18:00	4.9	9:00	24		
30	6.7	6.6	6.4	6.3	6.1	6.0	5.9	5.8	5.7	5.7	5.6	5.7	5.7	5.7	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.8	5.8	5.9	6.7	1:00	5.6	11:00	24		
下旬	6.9	6.7	6.5	6.4	6.2	6.1	6.0	5.9	5.9	6.0	6.1	6.4	6.6	6.9	7.1	7.3	6.8	6.9	6.8	6.8	6.7	6.6	6.5	6.4	6.6	7.7	7.7	7.7	7.7	7.7	7.7	
時間	7.6	7.4	7.2	7.1	7.0	6.9	6.7	6.7	6.6	6.7	6.8	7.2	7.3	7.5	7.7	7.8	8.4	8.4	8.3	8.2	8.0	7.9	7.7	7.6	7.4	10.8	9/19	4.9	9/29	96		
日																									7.8	10.3	9/19	5.9	9/26	5		

表4 室堂平の地中20cmの温度月報

温度月表
 地点名：室堂平 地中20cm
 期 間：1996年 10月
 単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N	
1	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.7	5.7	5.8	5.9	6.2	6.5	6.9	7.2	7.4	7.5	7.4	7.3	7.2	7.0	6.8	6.5	6.3	6.4	7.5	17:00	5.7	9:00	24	
2	6.1	5.9	5.6	5.4	5.2	5.1	4.9	4.7	4.7	4.8	5.1	5.6	6.1	6.5	6.9	7.0	7.1	7.2	7.1	7.0	6.9	6.8	6.6	6.5	6.5	7.2	18:00	4.7	9:00	24	
3	6.4	6.3	6.2	6.1	6.0	5.9	5.9	5.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.4	4.7	4.5	4.2	4.1	4.0	5.5	6.4	1:00	4.0	24:00	24	
4	3.9	3.8	3.8	3.8	3.7	3.6	3.5	3.5	3.4	3.5	3.7	3.8	3.9	4.0	4.0	4.1	4.1	4.1	4.0	4.0	4.0	3.9	3.6	3.5	3.8	4.1	18:00	3.4	9:00	24	
5	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.2	3.5	3.9	4.4	4.8	5.1	5.3	5.4	5.3	5.2	5.0	4.8	4.8	4.5	4.5	4.1	5.4	17:00	3.1	9:00	24	
6	4.4	4.3	4.1	3.9	3.7	3.6	3.5	3.4	3.3	3.5	3.8	4.4	5.0	5.5	6.0	6.3	6.4	6.4	6.3	6.1	5.9	5.7	5.4	5.1	4.8	6.4	18:00	3.3	9:00	24	
7	4.9	4.7	4.5	4.4	4.3	4.1	4.1	4.0	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.3	4.3	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.3	4.9	1:00	4.0	8:00	24	
8	4.2	4.2	4.2	4.1	4.1	4.0	4.0	3.9	3.9	4.0	4.1	4.2	4.2	4.2	4.3	4.3	4.2	4.2	4.2	4.1	4.0	3.9	3.9	3.8	4.1	4.3	16:00	3.8	24:00	24	
9	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.2	3.2	3.2	3.5	3.9	4.3	4.8	5.3	5.5	5.6	5.5	5.3	5.1	4.8	4.4	4.2	3.9	4.2	5.6	17:00	3.2	10:00	24	
10	3.7	3.5	3.3	3.1	2.9	2.8	2.7	2.5	2.4	2.4	2.3	2.4	2.8	3.3	3.6	3.9	4.1	4.1	4.0	3.9	3.7	3.6	3.4	3.2	3.2	4.1	18:00	2.3	11:00	24	
上旬	4.7	4.6	4.4	4.3	4.2	4.1	4.1	4.0	4.0	4.0	4.2	4.4	4.7	5.0	5.2	5.4	5.4	5.4	5.3	5.2	5.0	4.8	4.6	4.5	4.6	5.6	**:**	3.8	**:**	3.8	
中旬	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.6	3.8	---	---	---	---	---	---	---	---	---	---	---	---	2.7	3.8	**:**	2.4	**:**	2.4	**:**
下旬	4.5	4.4	4.3	4.2	4.1	4.0	3.9	3.8	3.8	3.9	4.0	4.4	4.7	5.0	5.2	5.4	5.4	5.4	5.3	5.2	5.0	4.8	4.6	4.5	4.6	7.5	10/1	2.3	10/10	252	
日	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4.5	6.4	10/1	2.7	10/11	11	

表4 (続き)

温度月表
 地点名：南龍ヶ馬場 地上20cm
 期間：1996年 7月
 単位：℃

日/時	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	avg	max	time	min	time	N		
1																																
2																																
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																
上旬																																
11																																
12																																
13																																
14																																
15																																
16																																
17																																
18																																
19																																
20																																
中旬																																
21																																
22																																
23																																
24																																
25	11.6	11.2	10.8	10.6	10.4	10.4	10.9	12.1	14.3	16.3	18.6	20.8	20.7	20.5	19.8	19.7	18.9	18.1	17.1	16.1	14.8	13.9	13.2	12.6	12.0	16.5	20.2	13:00	12.0	24:00	13	
26	13.0	12.5	12.3	12.1	11.8	11.9	12.9	14.0	16.0	18.2	20.0	19.3	19.4	20.7	20.1	19.8	18.7	17.4	16.3	15.2	14.6	13.9	13.4	13.0	15.7	20.8	12:00	10.4	6:00	24		
27	13.0	12.7	12.5	12.3	12.2	12.2	13.3	13.8	15.0	17.3	19.1	18.1	18.1	17.7	17.8	17.4	17.1	16.7	16.0	15.0	14.3	13.8	13.7	13.6	15.1	19.1	11:00	12.2	6:00	24		
28	13.4	13.4	13.4	13.4	13.5	13.6	13.9	14.7	15.9	17.7	20.3	21.3	20.0	19.3	18.4	18.4	17.7	17.3	16.5	15.6	15.1	14.9	14.5	14.6	16.1	21.3	12:00	13.4	4:00	24		
29	14.5	14.4	14.0	14.0	13.4	13.3	14.2	15.2	16.8	18.4	20.0	20.3	19.1	18.7	18.2	17.6	17.5	17.3	16.7	15.6	14.7	14.0	14.3	14.2	16.1	20.3	12:00	13.3	6:00	24		
30	14.2	14.2	13.9	13.7	13.5	13.5	13.9	14.6	16.4	18.2	19.8	20.8	20.3	20.2	19.4	18.4	18.5	18.0	17.2	16.2	15.3	14.7	14.3	13.9	16.4	20.8	12:00	13.5	6:00	24		
31	13.7	13.5	13.1	12.8	12.8	12.7	13.2	14.5	15.4	16.0	19.3	20.6	19.5	18.8	18.9	18.4	18.5	17.8	17.0	15.9	15.2	14.5	13.9	13.5	15.8	20.6	12:00	12.7	6:00	24		
下旬	13.3	13.1	12.9	12.7	12.5	12.5	13.2	14.1	15.7	17.4	19.6	20.0	19.7	19.4	19.0	18.6	18.1	17.5	16.6	15.6	14.9	14.2	13.9	13.5	15.9	20.5	**:**	12.4	**:**			
時間	13.3	13.1	12.9	12.7	12.5	12.5	13.2	14.1	15.7	17.4	19.6	20.0	19.7	19.4	19.0	18.6	18.1	17.5	16.6	15.6	14.9	14.2	13.9	13.5	15.8	21.3	7:28	10.4	7:25	181		
日																									15.9	16.5	7:24	15.1	7:27		8	

表5 南龍ヶ馬場の地上20cmの温度月報

