



Tephra unconformity at Nodahama



Surge deposits at Nodahama

1 2022 January

12 2021 December							2 2022 February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	1	2	3	4	30	31	1	2	3	4	5
5	6	7	8	9	10	11	6	7	8	9	10	11	12
12	13	14	15	16	17	18	13	14	15	16	17	18	19
19	20	21	22	23	24	25	20	21	22	23	24	25	26
26	27	28	29	30	31	1	27	28	1	2	3	4	5

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26 53 rd	27	28	29	30	31	1
2 2 nd	3	4	5	6	7	8
9 3 rd	10	11	12	13	14	15
16 4 th	17	18	19	20	21	22
23 5 th	24	25	26	27	28	29
30 6 th	31	1	2	3	4	5

2 2022 February

1 2022 January							3 2022 March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1	27	28	1	2	3	4	5
2	3	4	5	6	7	8	6	7	8	9	10	11	12
9	10	11	12	13	14	15	13	14	15	16	17	18	19
16	17	18	19	20	21	22	20	21	22	23	24	25	26
23	24	25	26	27	28	29	27	28	29	30	31	1	2
30	31	1	2	3	4	5							

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30 6 th	31	1	2	3	4	5
6 7 th	7	8	9	10	11	12
13 8 th	14	15	16	17	18	19
20 9 th	21	22	23	24	25	26
27 10 th	28	1	2	3	4	5



A lava flow at Miharayama caldera



A massive lava at Miharayama

3 2022 March

2 2022 February							4 2022 April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5	27	28	29	30	31	1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23
27	28	1	2	3	4	5	24	25	26	27	28	29	30

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	1	2	3	4	5
10 th						
6	7	8	9	10	11	12
11 th						
13	14	15	16	17	18	19
12 th						
20	21	22	23	24	25	26
13 th						
27	28	29	30	31	1	2
14 th						

4 2022 April

3 2022 March							5 2022 May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	1	2	3	4	5	1	2	3	4	5	6	7
6	7	8	9	10	11	12	8	9	10	11	12	13	14
13	14	15	16	17	18	19	15	16	17	18	19	20	21
20	21	22	23	24	25	26	22	23	24	25	26	27	28
27	28	29	30	31	1	2	29	30	31	1	2	3	4

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2
14 th						
3	4	5	6	7	8	9
15 th						
10	11	12	13	14	15	16
16 th						
17	18	19	20	21	22	23
17 th						
24	25	26	27	28	29	30
18 th						



5 2022 May

4 2022 April							6 2022 June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	1	2	29	30	31	1	2	3	4
3	4	5	6	7	8	9	5	6	7	8	9	10	11
10	11	12	13	14	15	16	12	13	14	15	16	17	18
17	18	19	20	21	22	23	19	20	21	22	23	24	25
24	25	26	27	28	29	30	26	27	28	29	30	1	2

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
19 th						
8	9	10	11	12	13	14
20 th						
15	16	17	18	19	20	21
21 st						
22	23	24	25	26	27	28
22 nd						
29	30	31	1	2	3	4
23 rd						

6 2022 June

5 2022 May							7 2022 July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7	26	27	28	29	30	1	2
8	9	10	11	12	13	14	3	4	5	6	7	8	9
15	16	17	18	19	20	21	10	11	12	13	14	15	16
22	23	24	25	26	27	28	17	18	19	20	21	22	23
29	30	31	1	2	3	4	24	25	26	27	28	29	30

Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4
23 rd						
5	6	7	8	9	10	11
24 th						
12	13	14	15	16	17	18
25 th						
19	20	21	22	23	24	25
26 th						
26	27	28	29	30	1	2
27 th						



Phreatomagmatic deposits at Tohshiki



Bomb sags at Tohshiki

7 2022 July

6 2022 June							8 2022 August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
29	30	31	1	2	3	4	31	1	2	3	4	5	6
5	6	7	8	9	10	11	7	8	9	10	11	12	13
12	13	14	15	16	17	18	14	15	16	17	18	19	20
19	20	21	22	23	24	25	21	22	23	24	25	26	27
26	27	28	29	30	1	2	28	29	30	31	1	2	3

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2
27 th						
3	4	5	6	7	8	9
28 th						
10	11	12	13	14	15	16
29 th						
17	18	19	20	21	22	23
30 th						
24	25	26	27	28	29	30
31 st						
31	1	2	3	4	5	6
32 nd						

8 2022 August

7 2022 July							9 2022 September						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	1	2	28	29	30	31	1	2	3
3	4	5	6	7	8	9	4	5	6	7	8	9	10
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	1
31	1	2	3	4	5	6							

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
32 nd						
7	8	9	10	11	12	13
33 rd						
14	15	16	17	18	19	20
34 th						
21	22	23	24	25	26	27
35 th						
28	29	30	31	1	2	3
36 th						



9 2022 September

8 2022 August							10 2022 October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6	25	26	27	28	29	30	1
7	8	9	10	11	12	13	2	3	4	5	6	7	8
14	15	16	17	18	19	20	9	10	11	12	13	14	15
21	22	23	24	25	26	27	16	17	18	19	20	21	22
28	29	30	31	1	2	3	23	24	25	26	27	28	29
							30	31	1	2	3	4	5

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28 36 th	29	30	31	1	2	3
4 37 th	5	6	7	8	9	10
11 38 th	12	13	14	15	16	17
18 39 th	19	20	21	22	23	24
25 40 th	26	27	28	29	30	1

10 2022 October

9 2022 September							11 2022 November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3	30	31	1	2	3	4	5
4	5	6	7	8	9	10	6	7	8	9	10	11	12
11	12	13	14	15	16	17	13	14	15	16	17	18	19
18	19	20	21	22	23	24	20	21	22	23	24	25	26
25	26	27	28	29	30	1	27	28	29	30	1	2	3

Sun	Mon	Tue	Wed	Thu	Fri	Sat
25 40 th	26	27	28	29	30	1
2 41 st	3	4	5	6	7	8
9 42 nd	10	11	12	13	14	15
16 43 rd	17	18	19	20	21	22
23 44 th	24	25	26	27	28	29
30 45 th	31	1	2	3	4	5



Oxidized scorias at Akappage



A fissure vent at the C-crater1986

11 2022 November

10 2022 October							12 2022 December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
25	26	27	28	29	30	1	27	28	29	30	1	2	3
2	3	4	5	6	7	8	4	5	6	7	8	9	10
9	10	11	12	13	14	15	11	12	13	14	15	16	17
16	17	18	19	20	21	22	18	19	20	21	22	23	24
23	24	25	26	27	28	29	25	26	27	28	29	30	31
30	31	1	2	3	4	5							

Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5
45 th						
6	7	8	9	10	11	12
46 th						
13	14	15	16	17	18	19
47 th						
20	21	22	23	24	25	26
48 th						
27	28	29	30	1	2	3
49 th						

12 2022 December

11 2022 November							1 2023 January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31	1	2	3	4	5	1	2	3	4	5	6	7
6	7	8	9	10	11	12	8	9	10	11	12	13	14
13	14	15	16	17	18	19	15	16	17	18	19	20	21
20	21	22	23	24	25	26	22	23	24	25	26	27	28
27	28	29	30	1	2	3	29	30	31	1	2	3	4

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
49 th						
4	5	6	7	8	9	10
50 th						
11	12	13	14	15	16	17
51 st						
18	19	20	21	22	23	24
52 nd						
25	26	27	28	29	30	31
53 rd						