

University of Queensland,  
Seismograph Station.

BRISBANE.
ROUTINE MICROSEISM READINGS
JULY 1957

Note:- No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	c	1.1	4	c	1.5	4	a	1.5	4	a	1.5	4	
2	c	1.5	4										
3	a	2.2	6										
*4	-	-	-	-	-	-	a	2.2	6	a	2.6	7	
5	a	2.6	7										
6	a	2.6	7	a	2.1	7	c	1.5	5	c	0.7	2	
7	c	1.5	5	c	1.5	5	c	1.5	6	c	1.5	6	
8	b	1.7	6	b	1.3	6	b	1.7	6	b	1.1	5	
9	b	1.5	5	b	1.5	5	c	1.1	5	c	1.1	5	
10	c	1.1	5	c	1.5	5	c	1.5	5	c	2.1	6	
11	a	2.6	7	a	2.6	7	c	2.1	7	c	2.6	7	
12	c	1.7	6	c	1.7	6	c	2.2	6	b	1.9	5	
13	b	1.3	6										
14	b	1.3	6	b	1.7	6	a	1.7	6	a	1.7	6	
15	b	1.7	6	b	1.7	6	b	1.7	6	b	1.3	6	
16	c	1.1	5	c	1.7	6	c	1.7	6	c	1.7	6	
17	c	1.7	6	c	1.7	6	-	-	-	c	1.7	6	
18	c	2.2	6	c	2.2	6	-	-	-	c	1.7	6	
19	c	1.1	5	c	1.5	5	c	1.5	5	c	1.1	5	
20	c	1.1	5	c	1.1	4	c	1.1	4	c	1.1	4	
21	b	1.1	4	b	0.7	4	b	0.7	4	b	0.7	4	
22	c	1.3	6	c	1.3	6	c	1.3	6	a	1.6	7	
23	c	1.3	6										
24	c	1.3	6	c	1.1	5	-	-	-	c	1.1	4	
25	c	1.1	4										
*26	c	1.1	4										
*27	c	1.1	5	c	1.5	5	c	1.5	5	c	1.5	4	
28	c	1.9	5	c	2.2	6	-	-	-	c	1.9	5	
29	a	2.2	6										
30	a	2.2	6	a	2.2	6	a	3.2	7	a	3.2	7	
31	-	-	-	-	-	-	-	-	-	-	-	-	

\* International Days, more detailed readings of these given.

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BRISBANE.

## ROUTINE MICROSEISM READINGS

JULY 1957

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Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	c	1.1	4	c	1.5	4	a	1.5	4	a	1.5	4	
2	c	1.5	4										
3	a	2.2	6										
*4	-	-	-	-	-	-	a	2.2	6	a	2.6	7	
5	a	2.6	7										
6	a	2.6	7	a	2.1	7	c	1.5	5	c	0.7	2	
7	c	1.5	5	c	1.5	5	c	1.5	6	c	1.5	6	
8	b	1.7	6	b	1.3	6	b	1.7	6	b	1.1	5	
9	b	1.5	5	b	1.5	5	c	1.1	5	c	1.1	5	
10	c	1.1	5	c	1.5	5	c	1.5	5	c	2.1	6	
11	a	2.6	7	a	2.6	7	c	2.1	7	c	2.6	7	
12	c	1.7	6	c	1.7	6	c	2.2	6	b	1.9	5	
13	b	1.3	6										
14	b	1.3	6	b	1.7	6	a	1.7	6	a	1.7	6	
15	b	1.7	6	b	1.7	6	b	1.7	6	b	1.3	6	
16	c	1.1	5	c	1.7	6	c	1.7	6	c	1.7	6	
17	c	1.7	6	c	1.7	6	-	-	-	c	1.7	6	
18	c	2.2	6	c	2.2	6	-	-	-	c	1.7	6	
19	c	1.1	5	c	1.5	5	c	1.5	5	c	1.1	5	
20	c	1.1	5	c	1.1	4	c	1.1	4	c	1.1	4	
21	b	1.1	4	b	0.7	4	b	0.7	4	b	0.7	4	
22	c	1.3	6	c	1.3	6	c	1.3	6	a	1.6	7	
23	c	1.3	6										
24	c	1.3	6	c	1.1	5	-	-	-	c	1.1	4	
25	c	1.1	4										
*26	c	1.1	4										
*27	c	1.1	5	c	1.5	5	c	1.5	5	c	1.5	4	
28	c	1.9	5	c	2.2	6	-	-	-	c	1.9	5	
29	a	2.2	6										
30	a	2.2	6	a	2.2	6	a	3.2	7	a	3.2	7	
31	-	-	-	-	-	-	-	-	-	-	-	-	

\* International Days, more detailed readings of these given.

University of Queensland,  
Seismograph Station.

BRISBANE.

ROUTINE MICROSEISM READINGS  
AUGUST 1957

Note:- No seismographs with three matched components available.  
 Readings are given for the E-W component Sprengnether seismograph  
 ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical constants  
 and orientation is in operation at Townsville and readings from the two  
 seismographs will be directly comparable. Amplitudes are all true ground  
 amplitudes in microns. Reduction from trace amplitudes is based on the  
 magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	a	2.2	6	a	2.6	6	a	2.6	6	a	3.5	6	
2	a	3.5	6	a	3.5	6	a	3.9	6	a	3.9	6	
3	a	3.5	6										
4	a	3.5	6	a	3.5	6	a	3.5	6	a	3.0	6	
5	a	2.6	6	a	2.6	6	a	2.6	6	a	2.2	6	
6	c	2.2	6	c	2.2	6	c	2.6	6	c	1.7	6	
7	a	1.7	6	a	2.1	7	a	2.1	7	c	1.7	6	
8	-	-	-	-	-	-	-	-	-	-	-	-	
9	-	-	-	a	2.6	6	c	2.2	6	c	2.2	6	
10	c	1.7	6	c	2.2	6	c	2.2	6	c	1.7	6	
11	b	1.1	5	b	1.3	6	b	1.1	5	b	1.1	5	
*12	b	1.1	5										
13	b	1.7	6	b	1.3	6	b	1.7	6	b	1.3	6	
14	b	1.3	6	b	1.3	6	b	2.1	7	b	1.7	6	
15	b	1.7	6	b	1.7	6	b	1.7	6	c	2.2	6	
16	c	1.1	4	c	1.9	5	a	3.0	6	a	5.2	6	
17	a	-	-	a	4.4	5	a	4.4	5	a	4.4	5	
18	a	2.6	5	a	3.3	5	a	2.2	5	a	2.2	5	
19	a	2.6	5	b	2.2	5	-	-	-	b	1.5	5	
20	b	1.5	5	b	1.1	5	b	1.1	5	b	1.1	5	
21	b	1.1	5	-	-	-	b	0.7	5	b	0.7	5	
22	b	0.7	5	b	1.1	5	c	1.1	5	c	1.1	4	
23	b	1.1	4	b	1.5	4	c	1.1	5	c	1.1	5	
24	c	1.1	5										
*25	c	1.3	6	c	1.7	6	c	1.7	6	c	1.7	6	
*26	c	2.1	7	c	2.1	7	b	1.2	3	b	1.2	3	
27	c	1.5	5	c	1.5	4	c	1.5	4	c	1.5	4	
28	c	1.2	3	c	1.5	4	c	1.1	4	c	1.1	4	
29	c	1.1	5	c	1.1	5	c	1.1	5	c	1.7	6	
30	b	1.7	6										
31	b	1.7	6	b	1.1	5	b	1.7	6	c	1.7	6	

\* International Days, more detailed readings of these given.

University of Queensland,  
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BRISBANE.

ROUTINE MICROSEISM READINGS  
SEPTEMBER 1957

Note:- No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
*1	c	1.2	3	c	1.5	5	a	1.5	5	a	1.5	5	
2	c	1.5	5	-	-	-	b	2.2	6	c	2.6	7	
3	a	2.6	7	a	2.1	7	a	2.6	7	a	1.7	6	
4	a	1.7	6	a	1.7	6	a	1.7	6	a	1.5	5	
5	b	1.7	6	b	1.5	5	b	2.1	7	b	1.3	6	
6	b	1.7	6	b	1.7	6	b	1.3	6	c	1.5	5	
7	c	1.3	6	b	1.3	6	c	1.3	6	b	1.3	6	
8	c	1.3	6	c	1.6	7	c	1.3	6	c	1.6	7	
9	a	2.1	7	b	2.1	7	b	1.7	6	a	2.2	6	
10	a	1.3	6	a	1.3	6	a	2.1	7	a	2.1	7	
11	a	2.6	7	a	1.7	6	a	2.1	7	a	2.1	7	
12	a	2.1	7	a	1.3	6	a	1.1	5	a	1.3	6	
13	a	1.7	6	a	1.3	6	a	1.3	6	a	1.3	6	
14	b	1.7	6	b	1.5	5	a	2.6	6	a	3.0	6	
15	a	3.9	6	a	4.3	6	a	3.9	6	a	3.5	6	
16	c	2.6	6	c	2.6	6	c	2.2	6	c	2.2	6	
17	a	2.6	7	a	1.7	6	a	1.5	5	a	1.7	6	
18	b	1.1	5	b	1.7	6	b	1.1	5	b	1.5	5	
19	b	1.1	5	b	1.3	6	b	1.3	6	b	1.3	6	
20	c	1.1	5	c	1.1	6	c	1.7	6	c	1.3	6	
21	a	2.1	7	a	2.6	7	a	3.2	7	a	2.6	7	
22	a	2.6	7	a	3.2	7	a	4.7	8	a	6.0	8	
*23	-	-	-	-	-	-	b	3.7	7	a	3.7	7	
*24	a	2.6	7	a	2.6	7	a	2.6	7	a	2.1	7	
25	a	1.7	6	a	1.7	6	b	1.7	6	b	1.5	4	
26	b	1.5	4										
27	b	1.5	4	b	1.1	4	b	1.1	4	c	1.1	4	
28	c	0.8	3	b	1.1	5	a	1.3	6	a	1.3	6	
29	b	2.1	7	a	2.1	7	a	1.1	5	b	1.3	6	
*30	-	-	-	a	2.6	6	a	2.2	6	b	2.2	6	

\* International Days, more detailed readings of these given.

JULY, AUGUST, SEPTEMBER, 1957.

## INTERNATIONAL DAYS AND PERIODS

		00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
4.7.57	K	-	-	-	-	-	-	-	-	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a		
	A	-	-	-	-	-	-	-	-	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.6	2.6	2.6	2.6	2.6	2.6	
	T	-	-	-	-	-	-	-	-	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	
26.7.57	K	c	c	"c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	A	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5
	T	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
27.7.57	K	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	A	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	T	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4
12.8.57	K	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
	A	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	T	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
25.8.57	K	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	A	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	T	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
26.8.57	K	c	c	c	c	c	c	c	c	c	c	c	c	b	b	b	b	b	b	b	b	b	b	b	b	
	A	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	T	7	7	7	7	7	7	7	7	7	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	3
1.9.57	K	c	c	c	c	c	c	c	c	c	c	c	c	b	a	a	a	a	a	a	a	a	a	a	a	
	A	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	T	3	3	3	3	3	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18.9.57	K	b	b	b	a	a	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
	A	1.1	1.1	1.7	1.3	1.7	1.3	1.7	1.3	1.7	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.5	1.5	1.5
	T	5	5	6	6	6	6	6	6	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19.9.57	K	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	b	
	A	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	T	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5
20.9.57	K	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	c	
	A	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.1	2.1	2.1	2.1	2.1	2.1
	T	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	7	7	7	7	7	7	7
21.9.57	K	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	
	A	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6	2.6	2.6	2.6	2.6	2.6	3.2	3.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	T	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7



University of Queensland,  
Seismograph Station.

BRISBANE.

ROUTINE MICROSEISM READINGS  
OCTOBER 1957

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Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	a	1.5	5	a	1.8	4	a	1.8	4	a	1.5	4	
2	a	1.1	5	a	1.1	5	a	1.1	5	a	1.3	6	
3	a	1.3	6										
4	a	0.7	5	-	-	-	b	0.7	5	b	0.7	4	
5	b	0.7	4										
6	a	0.7	4	a	0.7	4	a	0.7	4	a	1.5	4	
7	a	1.6	3	a	1.6	3	b	0.8	3	b	0.8	3	
8	b	0.8	3	b	0.7	4	b	0.7	4	b	0.7	4	
9	a	0.7	5	a	1.1	5	a	1.3	6	a	1.3	6	
10	a	1.7	6	a	2.2	6	a	1.5	5	a	1.8	4	
11	a	2.2	5										
12	a	2.2	5	a	2.2	5	a	2.2	6	a	2.2	6	
13	a	1.1	6	a	1.3	6	a	1.3	6	a	1.3	6	
14	a	1.3	6										
15	a	1.3	6	a	1.7	6	a	1.7	6	a	1.7	6	
16	a	1.1	5	a	1.1	4	b	1.1	4	b	1.1	4	
17	b	1.6	3	b	1.6	3	b	1.6	3	b	1.2	3	
18	b	1.2	3	b	1.1	4	b	1.1	4	b	1.1	4	
19	b	0.8	3	b	1.1	4	b	1.1	4	b	1.1	4	
20	b	0.7	4	b	1.1	4	b	1.1	4	b	1.1	4	
21	-	-	-	b	1.1	5	b	1.1	5	b	1.1	4	
*22	b	0.7	5	b	0.7	5	b	0.7	5	b	0.7	4	
*23	b	0.7	4	b	1.1	4	a	1.2	3	a	1.2	3	
*24	a	1.5	4	a	1.8	4	a	2.2	4	a	2.2	4	
25	a	1.8	4	a	1.8	4	c	1.1	4	c	1.1	5	
26	c	1.1	5	a	1.5	5	b	1.7	6	c	1.7	6	
27	a	1.7	6	a	3.3	8	a	2.6	7	a	1.6	7	
28	a	1.3	6	a	1.3	6	b	1.3	6	b	1.3	6	
29	b	0.9	6	b	0.9	6	b	0.9	6	a	1.2	3	
30	a	0.8	3										
31	a	0.8	3										

\* International Days, more detailed readings of these given.

University of Queensland,  
Seismograph Station.

BRISBANE.

ROUTINE MICROSEISM READINGS

NOVEMBER 1957

Note: No seismographs with three matched components available.  
 Readings are given for the E-W component Sprengnether seismograph  
 ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical  
 constants and orientation is in operation at Townsville and read-  
 ings from the two seismographs will be directly comparable.  
 Amplitudes are all true ground amplitudes in microns. Reduction  
 from trace amplitudes is based on the magnification curve for the  
 instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	-	-	-	b	0.7	5	b	0.7	5	b	0.7	5	
2	b	0.7	5										
3	b	0.9	6										
4	b	0.9	6	a	1.3	6	a	1.3	6	a	1.3	6	
5	a	1.3	6										
6	a	1.3	6	a	1.3	6	a	1.3	6	a	1.3	6	
7	a	1.1	5	a	1.1	5	a	1.1	5	a	0.7	4	
8	a	0.8	3	a	1.2	3	a	1.2	3	a	0.8	3	
9	a	0.7	4	a	0.7	5	a	0.7	5	c	0.7	5	
10	c	0.7	5	-	-	-	a	0.7	5	a	0.7	5	
11	-	-	-	a	1.1	5	a	1.1	5	a	1.1	5	
12	a	1.5	5	a	1.5	5	a	1.2	3	a	1.6	3	
13	a	1.5	4	a	1.1	4	a	1.1	4	-	-	-	
*14	a	1.3	6										
15	a	1.3	6	a	2.2	6	a	2.2	6	a	3.0	6	
16	c	1.5	5	c	1.5	5	a	1.5	5	a	1.5	5	
17	a	1.5	5	a	1.1	4	a	1.1	4	a	1.6	3	
18	a	1.5	4										
19	a	1.1	4										
20	a	1.1	4										
*21	a	0.7	4										
*22	a	0.7	4										
23	a	0.7	4	a	0.7	4	b	0.7	4	b	0.7	4	
24	b	0.8	3	b	0.8	3	a	0.7	4	a	0.7	4	
25	a	1.1	4	a	1.1	4	a	1.8	4	a	1.5	4	
26	a	1.5	4										
27	a	1.5	4	a	1.1	4	a	1.1	5	a	0.7	5	
28	b	1.1	5	b	1.1	5	b	0.7	5	b	0.7	5	
29	b	0.7	5	b	0.7	5	b	0.7	5	-	-	-	
30	b	1.1	5	b	1.1	5	b	1.1	5	b	1.2	3	

\* International Days, more detailed readings of these given.

University of Queensland,  
 Seismograph Station.

BRISBANE.
ROUTINE MICROSEISM READINGS
DECEMBER 1957

Note:- No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph (To = Tg = 7.2 seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	b	0.8	3										
2	b	0.8	3	b	0.8	3	b	1.1	4	a	1.5	4	
3	a	1.5	4	a	1.5	4	a	1.5	4	c	1.6	3	
4	-	-	-	-	-	-	-	-	-	-	-	-	
5	c	1.1	4	b	1.1	4	a	1.5	5	a	1.5	5	
6	a	1.3	6	a	1.3	6	b	1.1	4	b	1.1	4	
7	b	1.1	5	b	1.5	5	b	1.1	5	b	1.1	5	
8	b	1.1	4	b	1.1	4	b	0.7	4	b	0.7	4	
9	b	0.7	5	b	0.7	4	b	0.7	4	b	0.7	4	
10	a	1.5	4										
11	a	1.5	5	a	1.7	6	a	2.2	6	a	2.2	6	
12	a	1.7	6	a	1.7	6	b	1.1	4	b	1.1	4	
*13	b	1.1	4	b	1.1	4	b	1.2	3	b	1.2	3	
14	b	1.2	3	b	1.8	2	b	1.4	2	b	1.4	2	
15	b	1.2	3	b	1.2	3	b	1.1	4	b	1.1	5	
*16	b	1.1	5										
17	b	1.1	5										
18	c	1.1	5										
19	c	1.1	5	c	1.1	5	c	1.1	5	c	0.7	4	
20	b	0.7	4										
*21	b	0.7	4	a	1.1	4	a	1.1	4	a	1.5	4	
*22	a	1.2	3										
23	b	0.8	3	b	0.8	3	b	0.7	4	b	0.7	4	
24	b	0.7	4										
25	c	0.7	4										
26	a	1.1	4										
27	b	1.2	3	b	1.2	3	b	1.6	3	b	1.5	4	
28	b	0.7	4										
29	b	0.8	3										
30	a	1.5	4	a	1.5	4	a	1.1	4	a	1.1	4	
31	a	1.1	4	b	0.8	3	a	1.1	4	a	1.5	5	

\* International Days, more detailed results of these given.

OCTOBER, NOVEMBER, DECEMBER, 1957.

## INTERNATIONAL DAYS AND PERIODS

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
22.10.57	K A T	b 0.7 5																						
23.10.57	K A T	b 0.7 4	b 0.7 4	b 0.7 4	b 0.7 4	b 1.1 4	b 1.1 4	b 1.1 4	b 1.1 4	a 1.1 4	a 1.1 4	a 1.1 4	a 1.2 3	a 1.6 3	a 1.6 3	a 1.6 3	a 1.6 3							
24.10.57	K A T	a 1.5 4	a 1.5 4	a 1.5 4	a 1.5 4	a 1.5 4	a 1.8 4	a 1.8 4	a 1.8 4	a 1.8 4	a 1.8 4	a 2.2 4												
14.11.57	K A T	a 1.3 6																						
21.11.57	K A T	a 0.7 4																						
22.11.57	K A T	a 0.7 4																						
12.12.57	K A T	a 1.7 6																						
13.12.57	K A T	b 1.1 4	b 1.2 3																					
14.12.57	K A T	b 1.2 3	b 1.2 3	b 1.1 3	b 1.4 2																			
15.12.57	K A T	b 1.2 3	b 1.1 4																					
16.12.57	K A T	b 1.1 5																						



University of Queensland,  
Seismograph Station.

BRISBANE.

ROUTINE MICROSEISM READINGS

JANUARY 1958.

Note: No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph (To = Tg = 7.2 seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	a	1.6	3	a	1.5	4	a	1.5	4	a	1.5	4	
2	a	1.5	4	a	1.5	4	a	1.1	4	a	0.8	3	
*3	a	0.8	3										
*4	a	0.8	3	a	0.8	3	a	0.8	3	a	1.1	4	
5	a	1.1	4	a	1.1	4	a	1.1	5	a	1.1	5	
6	a	1.1	5										
7	a	1.1	5	a	1.5	5	a	1.5	5	a	1.5	5	
8	a	1.5	5	a	1.5	5	a	1.5	5	a	1.1	5	
9	a	0.7	4	a	0.7	4	a	0.7	4	a	0.7	5	
10	a	1.1	5	a	1.1	5	a	1.1	5	a	1.5	5	
11	a	1.5	4	a	1.5	4	a	1.1	4	a	1.1	4	
12	b	0.7	4	b	0.7	4	b	0.7	4	b	1.1	4	
13	b	1.1	4	b	1.1	4	b	1.1	5	b	1.1	5	
14	b	1.7	6	a	1.7	6	a	2.2	6	a	2.2	6	
15	a	1.9	5	a	1.5	5	a	1.5	5	a	1.1	5	
16	a	1.1	4										
17	a	1.1	4	a	1.1	4	a	1.1	4	a	1.5	4	
18	a	1.5	4	a	1.5	4	a	1.5	4	a	1.1	4	
*19	a	1.1	4	a	1.1	4	a	1.1	4	a	1.5	4	
*20	a	1.5	4										
21	-	-	-	-	-	-	-	-	-	-	-	-	
22	a	1.5	4	a	1.5	5	a	1.5	5	b	1.5	4	
23	b	1.5	4	b	1.1	4	b	1.1	4	b	1.1	4	
24	b	1.1	5	a	1.5	5	a	1.5	5	a	1.5	5	
25	b	1.1	5	b	0.7	4	b	0.7	4	b	0.7	4	
26	b	0.7	4										
27	b	0.7	4										
28	b	0.7	4										
29	b	0.8	3										
30	b	0.8	3										
31	c	0.8	3										

\* International Days, more detailed readings of these given.

University of Queensland,  
Seismograph Station.

BRISBANE.

ROUTINE MICROSEISM READINGS

FEBRUARY 1958

Note:- No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	b	0.8	3	b	1.2	3	b	1.2	3	-	-	-	
2	a	1.5	4	a	1.8	4	a	1.8	4	a	1.8	4	
3	a	1.8	4	a	1.5	4	a	1.5	4	a	1.1	4	
4	a	1.1	4	a	1.1	5	a	1.1	5	a	1.1	5	
5	a	1.1	5	a	0.7	5	a	0.7	4	b	0.7	4	
6	b	0.7	4										
7	c	0.7	4										
8	c	0.7	4	c	0.7	4	c	1.1	4	c	1.5	4	
9	c	1.5	4	c	1.5	4	c	1.1	4	c	1.1	4	
*10	b	1.1	4										
11	b	1.1	4	b	1.1	4	b	1.1	4	a	1.1	4	
12	a	1.5	4	a	1.8	4	a	2.2	4	a	2.2	5	
13	a	2.2	5	a	1.9	5	a	1.9	5	a	1.5	5	
14	b	1.5	5	b	1.5	5	b	1.5	5	b	1.1	5	
15	b	1.1	4										
16	b	1.1	4	a	1.1	4	a	1.1	4	a	1.5	4	
17	a	1.1	4	a	1.1	4	a	1.1	4	b	1.1	4	
*18	b	1.1	4	c	1.1	4	c	1.1	4	c	1.1	4	
*19	c	1.1	4	c	1.1	4	a	1.1	4	a	1.1	4	
20	a	1.1	4										
21	a	1.5	4	a	1.8	4	a	2.2	4	a	3.0	5	Microseismic storm starting 0400 on 21st. Maximum at 0500 on 22nd (3.8)
22	a	3.0	5	a	2.6	5	a	2.6	5	a	2.6	5	
23	a	2.2	5	a	1.9	5	a	1.9	5	a	2.2	5	
24	a	2.2	5	a	1.9	5	a	1.5	5	a	1.5	5	
25	b	1.5	5	b	1.5	5	c	1.1	5	c	1.1	5	
*26	b	1.1	5										
27	b	1.1	5										
28	b	1.1	5	b	1.1	5	a	1.1	5	a	1.5	5	

\* International Days, more detailed readings of these given.

University of Queensland,  
 Seismograph Station.

BRISBANE.
ROUTINE MICROSEISM READINGS
MARCH 1958

Note:- No seismographs with three matched components available. Readings are given for the E-W component Sprengnether seismograph ( $T_0 = T_g = 7.2$  seconds). A similar instrument with identical constants and orientation is in operation at Townsville and readings from the two seismographs will be directly comparable. Amplitudes are all true ground amplitudes in microns. Reduction from trace amplitudes is based on the magnification curve for the instrument.

Date	00h			06h			12h			18h			Remarks
	K	A	T	K	A	T	K	A	T	K	A	T	
1	a	1.5	5										
2	a	1.5	5										
3	a	1.5	5										
4	a	1.1	5										
5	a	1.1	5	a	1.1	5	a	1.1	5	a	1.1	5	
6	a	1.1	5										
7	b	1.1	5										
8	b	1.1	5										
9	b	1.1	5	b	1.1	5	b	1.1	5	a	1.5	5	
10	a	1.5	5	a	1.5	5	a	1.5	5	a	1.5	4	
11	a	1.5	4										
12	a	1.5	4	b	1.5	4	b	1.5	4	b	1.5	4	
13	b	1.1	4	b	1.1	4	b	1.1	4	b	1.5	4	
14	a	1.1	5										
15	a	1.1	5	a	1.5	4	a	1.5	4	a	1.5	4	
16	a	1.5	4	a	1.8	4	a	1.8	4	a	1.8	4	
17	a	1.8	4										
18	a	1.8	4	a	1.8	4	a	2.0	3	a	2.0	3	
19	c	1.6	3	c	1.5	4	c	1.5	4	c	1.5	4	
*20	c	1.5	4										
*21	c	1.5	4	a	1.5	5	a	1.5	5	a	1.5	5	
22	a	1.9	5	a	1.9	5	a	1.9	5	a	2.2	5	
23	a	2.6	6	a	2.6	6	a	2.2	6	a	2.2	6	
24	a	1.7	6										
25	a	1.7	6	c	1.3	6	c	1.3	6	c	1.3	6	
26	c	1.3	6										
27	c	1.3	6	a	1.3	6	a	2.1	7	a	2.1	7	
*28	a	3.2	7	a	3.2	7	a	3.2	7	c	3.2	7	
29	c	2.6	6	c	2.2	6	c	2.2	6	c	1.5	5	
30	b	1.5	5	c	1.5	4	b	1.5	4	b	1.1	4	
31	c	1.1	4	c	1.1	4	c	1.1	4	a	1.5	4	

\* International Days, more detailed readings of these given.

JANUARY, FEBRUARY, MARCH, 1958.
INTERNATIONAL DAYS AND PERIODS.

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
3.1.58	K A T	a 0.8 3																						
4.1.58	K A T	a 0.8 3	a 0.7 4	a 1.1 4																				
19.1.58	K A T	a 1.1 4	a -	-	-	a 1.1 4	a 1.1 4	a 1.5 4	a 1.5 4	a 1.5 4														
20.1.58	K A T	a 1.5 4																						
10.2.58	K A T	b 1.1 4																						
18.2.58	K A T	b 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	-	c 1.1 4	-	c 1.1 4													
19.2.58	K A T	c 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	c 1.1 4	a 1.1 4	-	a 1.1 4	a 1.1 4													
26.2.58	K A T	b 1.1 5																						
17.3.58	K A T	a 1.8 4																						
18.3.58	K A T	a 1.8 4	a 2.0 3																					
19.3.58	K A T	c 1.6 3	c 1.6 3	c 1.6 3	c 1.5 4																			

