

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU (SEISMOLOGY)

Location of Seismograph — U. S. Government House, Agana, Guam, M. I.

Position of Seismograph — Latitude, North $13^{\circ}-28'-20.3''$ Longitude East $144^{\circ}-44'-55.9''$

Approximate elevation of recording drum — 15 feet above M. L. L. W.

Time used, Zone, Minus 10.

1924

Date of earthquake	7 Mar.24	14 Mar.24	16 Mar.24	17 Mar.24	19 Mar.24	21 Mar.24
Time of beginning	9:35:00 am	11:19:15pm	4:42:30am	8:56:15, am	2:59:30pm	4:46:00am
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	N-S	E-W	E-W	N-S	N-S	N-S
Sounds						
Felt by	None	None	None	None	None	None

Name of observer W.W.Rowley

Address of observer Agana, Guam.

REMARKS

The above shocks were very slight, and no information as to any of them having been felt.

EARTHQUAKE INTENSITIES (Adapted Rossi-Forel.)

- | | |
|--|--|
| 1. Felt only by an experienced observer, very faint. | 6. Bells rung, pendulum clocks stopped. Alarm. |
| 2. Felt by a few persons at rest, faint. | 7. Fall of plaster, slight damage. Scare. |
| 3. Direction or duration appreciable, weak. | 8. Fall of chimneys, walls cracked. Fright. |
| 4. Felt by persons walking. Doors, etc., moved. | 9. Some houses partly or wholly wrecked. Terror. |
| 5. Felt by nearly everyone. Furniture moved. | 10. Buildings ruined, ground cracked. Panic. |

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Position of Seismograph — Latitude, North $13^{\circ} - 28' - 20.3''$ Longitude East $144^{\circ} - 44' - 55.9''$

Approximate elevation of recording drum — 15 feet above M. L. L. W.

Time used, Zone, Minus 10.

Date of earthquake	22 Mar. 24	26 Mar. 24	28 Mar. 24	28 Mar. 24	30 Mar. 24	30 Mar. 24
Time of beginning	7:52:15, am	9:50:45, am	4:48:30, am	5:15:05 am	10:08:30 ^{am}	1:37:05 p
What doing	At rest					At rest
Onset of shocks	Abrupt					Abrupt
Nature of shocks	Trembling					Trembling
Intensity	2					2
Number of shocks	1					1
Duration of each	3 seconds					5 seconds
Direction of vibration	E-W	E-W	E-W	N-S	E-W	E-W
Sounds	None					None
Felt by	Many	None	None	None	None	Many

Name of observer W.W. Rowley

Address of observer Agana, Guam.

REMARKS

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Time used, Zone, Minus 10.

Date of earthquake	1 Apr. 24.	1 Apr. 24	1 Apr. 24.	3 Apr. 24.	4 Apr. 24.	5 Apr. 24.
Time of beginning	3:36:45, am	3:39:45, am	4:02:05, am	6:24:00, am	5:55:30, pm	5:05:05 pm
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	E-W	N-S	N-S	N-S	E-W	N-S
Sounds	None	None	None	None	None	None
Felt by	None	None	None	None	None	None

Name of observer W.W.Rowley

Address of observer Agana, Guam.

REMARKS

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Approximate elevation of recording drum — 15 feet above M. L. L. W.

Time used, Zone, Minus 10.

15 April, 1924.

Date of earthquake	15 Apr.					
Time of beginning	2:25:00					
What doing						
Onset of shocks	Gradual					
Nature of shocks	Trembling					
Intensity						
Number of shocks	2					
Duration of each						
Direction of vibration	N-S					
Sounds	None					
Felt by	None					

Name of observer W.W.Rowley

Address of observer Agana, Guam.

REMARKS

A rough sketch of the above movement of the earth is shown on the back of this sheet.

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Time used, Zone, Minus 10.

August, 1924.

Date of earthquake	Aug. 5th.	Aug. 6th.	Aug. 14th.	Aug. 20th.	Aug. 30th.	Aug. 30th.
Time of beginning	10:30:20 ^a m	5:33:45 ^a m	11:22:15 ^p m	8:48:15 ^p m	4:21:00 ^a m	4:56:15 ^a m
What doing			At rest			
Onset of shocks			Abrupt			
Nature of shocks			Trembling			
Intensity			4			
Number of shocks			1			
Duration of each			15 sec.			
Direction of vibration	N-S	E-W	E-W	E-W	E-W	N-S
Sounds	None	None	Yes	None	None	None
Felt by	None	None	Many	None	None	None

Name of observer W.W. Rowley

Address of observer U.S. Naval Station, Guam.

REMARKS

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Approximate elevation of recording drum — 15 feet above M. L. L. W.
Time used, Zone, Minus 10. August, 1924.

Date of earthquake	Aug. 30th.					
Time of beginning	1:09:15 ^p _m					
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	E-W					
Sounds	None					
Felt by	None					

Name of observer W.W. Rowley
Address of observer U.S. Naval Station, Guam.

REMARKS

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LAST QUARTER
1924



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Time used, Zone, Minus 10.

November, 1924.

Date of earthquake	22	24			
Time of beginning	5:04:00 ^A	3:06:05 ^P			
What doing					
Onset of shocks					
Nature of shocks					
Intensity					
Number of shocks					
Duration of each					
Direction of vibration	E-W	E-W			
Sounds	None	None			
Felt by					

Name of observer W.W. Rowley

Address of observer U.S. Naval Station, Guam

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1. Felt only by an experienced observer, very faint.
2. Felt by a few persons at rest, faint.
3. Direction or duration appreciable, weak.
4. Felt by persons walking. Doors, etc., moved.
5. Felt by nearly everyone. Furniture moved.

6. Bells ring, pendulum clocks stopped. Alarm.
7. Fall of plaster, slight damage. Scare.
8. Fall of chimneys, walls cracked. Fright.
9. Some houses partly or wholly wrecked. Terror.
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Time used, Zone, Minus 10.

December, 1924.

Date of earthquake	9th	10th.	13th.	13th.	13th.	16th.
Time of beginning	10:00:45 ^p _m	4:15:00 ^a _m	9:51:05 ^p _m	9:56:00 ^p _m	10:36:05 ^p _m	4:25:00 ^a _m
What doing		At rest	At rest			
Onset of shocks		Abrupt	Abrupt			
Nature of shocks		Trembling	Trembling			
Intensity		1	2			
Number of shocks		1	1			
Duration of each		2 sec.	5 sec.			
Direction of vibration	N-S	E-W	E-W	E-W	N-S	N-S
Sounds	None	None	Yes	None None	None	None
Felt by	None	Few	Many	None	none	None

Name of observer W.W.Rowley

Address of observer U.S.Naval Station, Guam.

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