

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.

July 1929.

Date of earthquake	9th.	17th.				
Time of beginning	4:18:15, ^P _M	8:47:45, ^P _M				
What doing		Sitting				
Onset of shocks		Gradual				
Nature of shocks		Trembling				
Intensity		2				
Number of shocks		1				
Duration of each	1-2	10 seconds				
Direction of vibration	N-S	E-W				
Sounds	None	None				
Felt by	None	Many				

Name of observer W.W.Rowley

Address of observer Naval Station, Guam.

REMARKS

EARTHQUAKE INTENSITIES (Adapted Rossi-Forel.)

- | | |
|--|--|
| 1. Felt only by an experienced observer, very faint. | 6. Belis 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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Time used, Zone, Minus 10.

August 1929.

Date of earthquake	21st.	22nd.	22nd.			
Time of beginning	2:41:15, ^P _M	10:26:30, ^A _M	10:34:50, ^A _M			
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	N-S	E-W	E-W			
Sounds	None	None	None			
Felt by	None	None	None			

Name of observer

W.W.Rowley

Address of observer

Naval Station, Guam.

REMARKS

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Time used, Zone, Minus 10.

September 1929

Date of earthquake	8th.	10th.	19th.	30th.		
Time of beginning	2:06:45 ^A _M	7:37:20 ^P _M	8:20:50 ^P _M	11:11:30 ^P _M		
What doing				Sitting		
Onset of shocks				Abrupt		
Nature of shocks				Trembling		
Intensity				2		
Number of shocks				1		
Duration of each				5 seconds		
Direction of vibration	E-W	E-W	N-S	E-W		
Sounds	None	None	None	None		
Felt by	None	None	None	Few		

Name of observer W. W. Rowley

Address of observer Naval Station, Guam.

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Time used, Zone, Minus 10.

October 1929

Date of earthquake	10th.	13th.	16th.	22nd.		
Time of beginning	10:20:30 ^A _M	12:16:40 ^A _M	3:33:40 ^P _M	11:58:00 ^P _M		
What doing			Standing			
Onset of shocks			Abrupt			
Nature of shocks			Trembling			
Intensity			2			
Number of shocks			2			
Duration of each			5&10 sec.			
Direction of vibration	E-W	E-W	E-W	N-S		
Sounds	None	None	None	None		
Felt by	None	None	Many	None		

Name of observer W. W. Rowley

Address of observer Naval Station, Guam.

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Time used, Zone, Minus 10.

November 1929

Date of earthquake	7th.	12th.	16th.	17th.	18th.	18th.
Time of beginning	6:15:15 ^P _M	2:08:40 ^A _M	4:52:15 ^A _M	1:44:00 ^P _M	1:28:15 ^A _M	12:02:20 ^P _M
What doing						Sitting
Onset of shocks						Gradual
Nature of shocks						Trembling
Intensity						2
Number of shocks						2
Duration of each						5&10 sec.
Direction of vibration	N-S	N-S	E-W	N-S	E-W	E-W
Sounds	None	None	None	None	None	None
Felt by	None	None	None	None	None	Many

Name of observer

W. W. Rowley

Address of observer

Naval Station, Guam.

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Time used, Zone, Minus 10.

November 1929

Date of earthquake	19th.	19th.	21st.	29th.		
Time of beginning	1:04:30 ^A _M	11:04:30 ^A _M	11:23:10 ^P _M	10:24:50 ^P _M		
What doing			Laying down			
Onset of shocks			Gradual			
Nature of shocks			Tremble			
Intensity			2			
Number of shocks			1			
Duration of each			10 seconds			
Direction of vibration	N-S	N-S	E-W	E-W		
Sounds	None	None	None	None		
Felt by	None	None	Many	None		

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Date of earthquake	19th.	19th.	21st.	29th.		
Time of beginning	1:04:30, AM.	11:04:30, AM.	11:23:10, PM.	10:24:50, PM.		
What doing			Laying down			
Onset of shocks			Gradual			
Nature of shocks			Trembling			
Intensity			2			
Number of shocks			1			
Duration of each			10 seconds			
Direction of vibration	N-S	N-S	E-W	E-W		
Sounds	None	None	None	None		
Felt by	None	None	Many	None		

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December 1929

Date of earthquake	20th.	28th.	31st.			
Time of beginning	7:15:30, PM.	2:34:00, PM.	11:05:10, AM.			
What doing			Laying down			
Onset of shocks			Abrupt			
Nature of shocks			Trembling			
Intensity			2			
Number of shocks			1			
Duration of each			5 seconds			
Direction of vibration	N-S	E-W	N-S			
Sounds	None	None	None			
Felt by	None	None	Few			

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What doing						
Onset of shocks						
Nature of shocks						
Intensity						
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Duration of each						
Direction of vibration	N-S	E-W	N-S			
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