

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° - 28' - 20.3" Longitude East 144° - 44' - 55.9"

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

Time used, Zone, Minus 10.

JANUARY 1928.

Date of earthquake	2ND.	5TH.	10TH.	16TH.	19TH.	22ND.
Time of beginning	3:46:50 ^P _M	11:50:03 ^P _M	6:55:10 ^A _M	11:31:45 ^A _M	8:06:10 ^P _M	10:44:15 ^P _M
What doing	STANDING					
Onset of shocks	RAPID					
Nature of shocks	TREMBLING					
Intensity	2					
Number of shocks	1					
Duration of each	45 SECONDS					
Direction of vibration	E-W	E-W	E-W	E-W	E-W	N-S
Sounds	NONE	NONE	NONE	NONE	NONE	NONE
Felt by	MANY	NONE	NONE	NONE	NONE	NONE

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.
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. Belis rung, 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.
10. Buildings ruined, ground cracked. Panic.

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

Time used, Zone, Minus 10.

JANUARY 1928.

Date of earthquake	25TH.					
Time of beginning	12:55:30 ^P _M					
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	N-S					
Sounds	NONE					
Felt by	NONE					

Name of observer W.W. ROWLEY

Address of observer NAVAL STATION, GUAM.

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

Time used, Zone, Minus 10.

FEBRUARY 1928.

Date of earthquake	13TH.	17TH.				
Time of beginning	3:34:05 P M	8:47:50 A M				
What doing	STANDING					
Onset of shocks	RAPID					
Nature of shocks	TREMBLING					
Intensity	3					
Number of shocks	2					
Duration of each	30 SEC. 1 MIN.					
Direction of vibration	N-S	E-W				
Sounds	NONE	NONE				
Felt by	MANY	NONE				

Name of observer W.W. ROWLEY

Address of observer NAVAL STATION, GUAM.

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Time used, Zone, Minus 10.

MARCH 1928.

Date of earthquake	1ST.	3RD.	3RD.	7TH.	15TH.	22ND.
Time of beginning	2:02:10 ^P _M	7:08:45 ^P _M	11:55:55 ^P _M	8:50:15 ^A _M	3:39:10 ^A _M	1:02:00 ^P _M
What doing					ASLEEP	
Onset of shocks					ABRUPT	
Nature of shocks					TREMBLING	
Intensity					3	
Number of shocks					3	
Duration of each					30-15-10SEC.	
Direction of vibration	E-W	E-W	E-W	E-W	E-W	E-W
Sounds	NONE	NONE	NONE	NONE	NONE	NONE
Felt by	NONE	NONE	NONE	NONE	MANY	NONE

Name of observer W.W. ROWLEY

Address of observer NAVAL STATION, GUAM.

March 12-28.

*8:10:15, E-W
(NONE PERCEIVED)*

REMARKS

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Time used, Zone, Minus 10.

MARCH 1928.

Date of earthquake	22ND.	22ND,	28TH.	29TH.	29TH.	30TH.
Time of beginning	2:09:20 _P _M	8:08:00 _P _M	5:59:45 _A _M	3:12:45 _P _M	6:46:20 _P _M	6:04:30 _A _M
What doing						SITTING DOWN
Onset of shocks						ABRUPT
Nature of shocks						TREMBLING
Intensity						2
Number of shocks						2
Duration of each						20-10 SEC.
Direction of vibration	N-S	N-S	N-S	E-W	E-W	N-S
Sounds	NONE	NONE	NONE	NONE	NONE	NONE
Felt by	NONE	NONE	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.

APRIL 1928.

Date of earthquake	3RD.	22ND.	25TH.			
Time of beginning	2:37:20 ^P _M	7:39:10 ^A _M	7:27:15 ^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

EARTHQUAKE INTENSITIES (Adapted Rossi-Forel.)

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| <ol style="list-style-type: none"> 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. | <ol style="list-style-type: none"> 6. Bells rung, 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. 10. Buildings ruined, ground cracked. Panic. |
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Time used, Zone, Minus 10.

MAY 1928.

Date of earthquake	7TH.	14TH.	21ST.	24TH.	25TH.	
Time of beginning	7:50:30 ^P _M	9:06:00 ^A _M	4:29:15 ^P _M	1:37:30 ^A _M	6:52:10 ^P _M	
What doing	SITTING DOWN					
Onset of shocks	ABRUPT					
Nature of shocks	TREMBLING					
Intensity	2					
Number of shocks	1					
Duration of each	10 SECONDS					
Direction of vibration	E-W	N-S	N-S	N-S	E-W	
Sounds	YES	NONE	NONE	NONE	NONE	
Felt by	MANY	NONE	NONE	NONE	NONE	

Name of observer W.W. ROWLEY

Address of observer NAVAL STATION, GUAM.

REMARKS

EARTHQUAKE INTENSITIES (Adapted Rossi-Forel.)

- | | |
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| 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. |
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Time used, Zone, Minus 10.

JUNE 1928.

Date of earthquake	3RD.	6TH.	14TH.	15TH.	16TH.	20TH.
Time of beginning	4:58:00 ^P _M	2:33:45 ^A _M	9:40:00 ^P _M	4:17:20 ^P _M	3:21:30 ^A _M	12:11:00 ^P _M
What doing		LYING DOWN				
Onset of shocks		ABRUPT				
Nature of shocks		TREMBLING				
Intensity		3				
Number of shocks		1				
Duration of each		30 SECONDS				
Direction of vibration	E-W	E-W	N-S	E-W	E-W	E-W
Sounds	NONE	NONE	NONE	NONE	NONE	NONE
Felt by	NONE	MANY	NONE	NONE	NONE	NONE

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Address of observer NAVAL STATION, GUAM.

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Time used, Zone, Minus 10.

JUNE 1928.

Date of earthquake	21ST.	27TH.	30TH.	30TH.	30TH.	
Time of beginning	2:12:05 ^A _M	5:55:40 ^P _M	2:45:30 ^A _M	3:01:10 ^A _M	11:38:35 ^A _M	
What doing		SITTING DOWN			SITTING DOWN	
Onset of shocks		GRADUAL			ABRUPT	
Nature of shocks		TREMBLING			RAPID	
Intensity		2			4	
Number of shocks		1			1	
Duration of each		5 SECONDS			45 SECONDS	
Direction of vibration	E-W	N-S	E-W	E-W	E-W	
Sounds	NONE	NONE	NONE	NONE	NONE	
Felt by	NONE	FEW	NONE	NONE	MANY	

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Address of observer NAVAL STATION, GUAM.

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Time used, Zone, Minus 10.

JULY 1928.

Date of earthquake	16TH.	26TH.				
Time of beginning	4:34:00 ^A _M	6:32:40 ^A _M				
What doing	ASLEEP					
Onset of shocks	ABRUPT					
Nature of shocks	TREMBLING					
Intensity	2					
Number of shocks	1					
Duration of each	10 SECONDS					
Direction of vibration	E-W	N-S				
Sounds	NONE	NONE				
Felt by	MANY	NONE				

Name of observer W. W. ROWLEY

Address of observer NAVAL STATION, GUAM.

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Time used, Zone, Minus 10.

AUGUST 1928.

Date of earthquake	22ND.	27TH.	27TH.	29TH.		
Time of beginning	12:40:30 ^A _M	4:00:10 ^P _M	7:38:40 ^P _M	4:15:30 ^A _M		
What doing				ASLEEP		
Onset of shocks				ABRUPT		
Nature of shocks				TREMBLING		
Intensity				2		
Number of shocks				1		
Duration of each				15 SECONDS		
Direction of vibration	E-W	N-S	E-W	N-S		
Sounds	NONE	NONE	NONE	NONE		
Felt by	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.

SEPTEMBER 1928.

Date of earthquake	2ND.					
Time of beginning	6:31:00 P M					
What doing						
Onset of shocks						
Nature of shocks						
Intensity						
Number of shocks						
Duration of each						
Direction of vibration	N-S					
Sounds	NONE					
Felt by	NONE					

Name of observer W.W. ROWLEY

Address of observer NAVAL STATION, GUAM.

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Time used, Zone, Minus 10.

September 1928.

Date of earthquake	2nd.	12th.	13th.	15th.	21st.	
Time of beginning	6:31:00 ^P _M	3:52:15, ^P _M	6:41:28, ^A _M	7:45:40, ^A _M	3:10:30, ^P _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	N-S	E-W	
Sounds	None	None	None	None	None	
Felt by	None	None	None	None	None	

Name of observer

W.W.Rowley

Address of observer

Naval Station, Guam.

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