



# LEET CODERS

## MOONQUAKE MAP 2.0

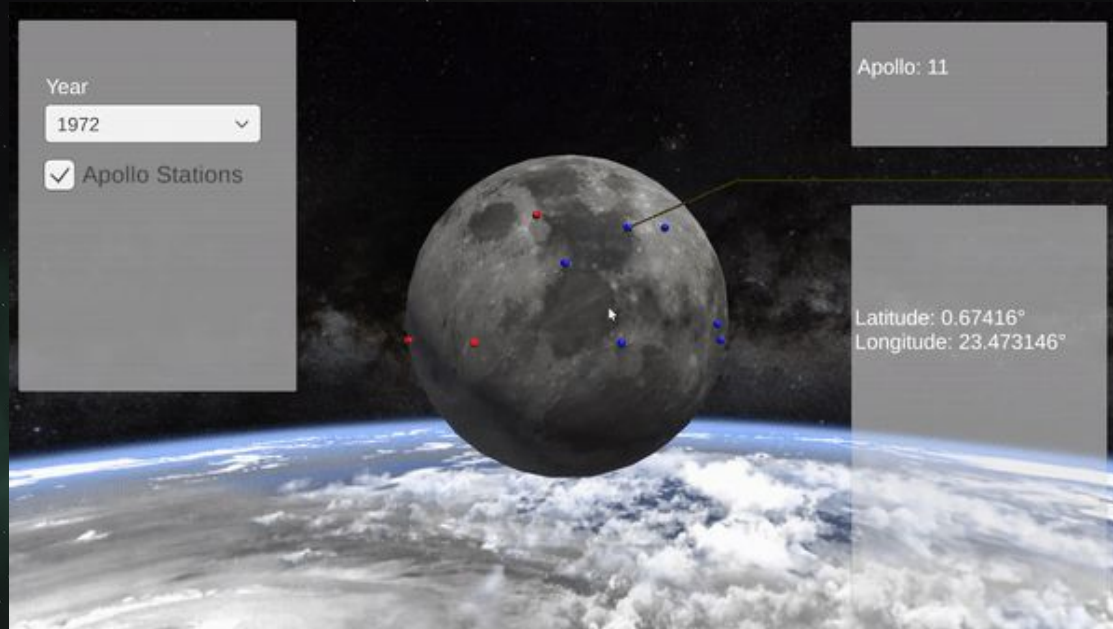
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# APOLLO RUMBLE: “THE BEYOND, UP CLOSE”

WHY? DATA MEANS NOTHING WITHOUT MAKING IT **ALIVE**! SATIATE YOUR JOURNEY OF CURIOSITY THROUGH APOLLO RUMBLE.

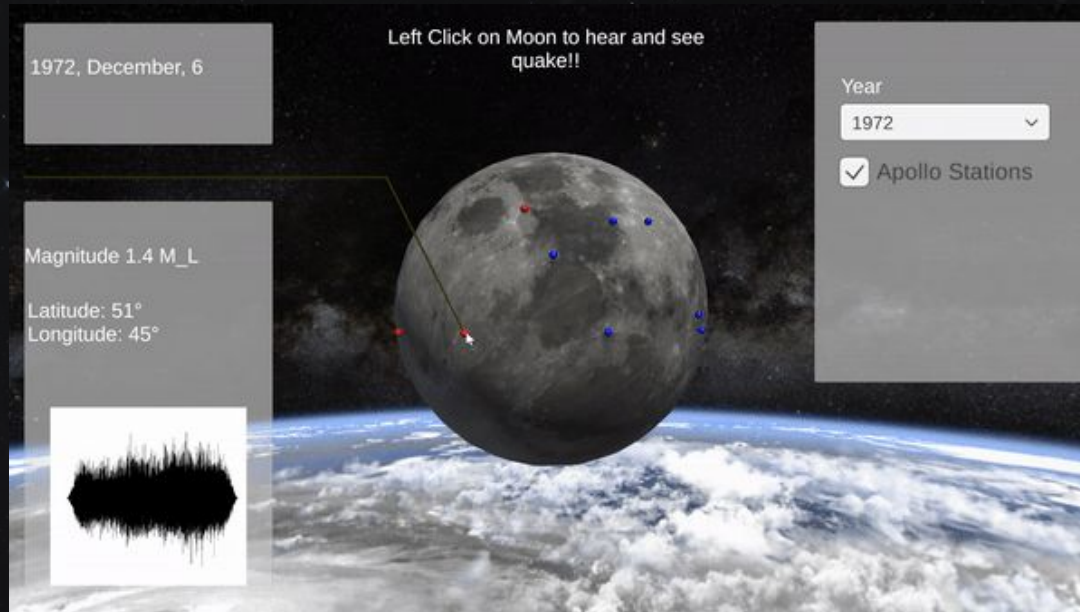


# HOW IT WORKS:



**APOLLO STATION 11 AS SHOWN BY APOLLO RUMBLE**

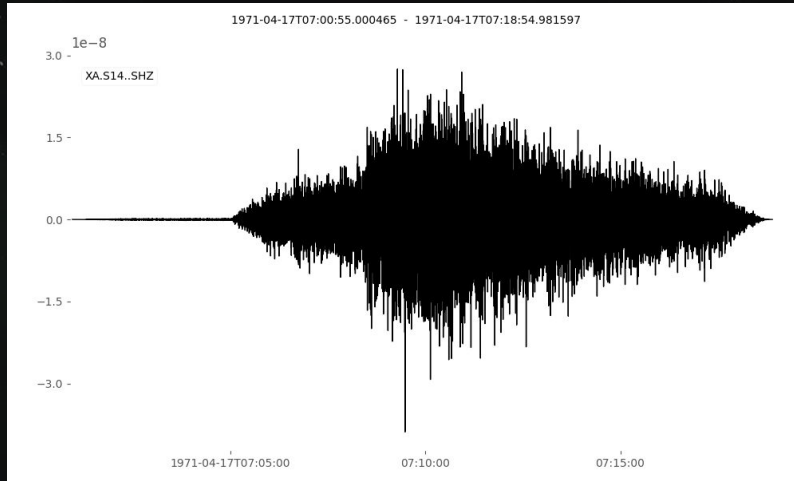
# HOW IT WORKS:



**APOLLO RUMBLE IS INTERACTIVE AND ENGAGING!**



# DATA USED:



## SEISMIC DATA VISUALIZED AND SONIFIED

NOTE: IF AUDIO CAN'T PLAY, TURN OFF 3RD  
PARTY COOKIE BLOCK



R16

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Year	Month	Day	H	M	S	Lat	Long	Magnitude	radianslat	radianslong	x	y	z	
2	1971	April	17	7	0	55	48	35	2.8	0.837758041	0.610865238	0.548119704	0.383797549	0.743144825	
3	1971	May	20	17	25	10	42	-24	2	0.733038286	-0.41887902	0.67889658	-0.302264232	0.669130606	
4	1971	July	11	13	24	45	43	-47	1.9	0.750491578	-0.820304748	0.498782025	-0.534878237	0.68199836	
5	1972	January	2	22	29	40	54	101	1.9	0.942477796	1.762782545	-0.112154713	0.576985982	0.809016994	
6	1972	September	17	14	35	55	12	46	1	0.20943951	0.802851456	0.679478418	0.7036205	0.207911691	
7	1972	December	6	23	8	20	51	45	1.4	0.890117919	0.785398163	0.444996716	0.444996716	0.777145961	
8	1972	December	9	3	50	15	-20	-80	1.2	-0.34906585	-1.396263402	0.163175911	-0.925416578	-0.342020143	
9	1973	February	8	22	52	10	33	35	0.8	0.575958653	0.610865238	0.68699871	0.481041676	0.544639035	
10	1973	March	13	7	56	30	-84	-134	3.2	-1.466076572	-2.338741198	-0.072611572	-0.075191484	-0.994521895	
11	1973	June	20	20	22	0	-1	-71	2.2	-0.017453293	-1.239183769	0.325518569	-0.945374569	-0.017452406	
12	1973	October	1	3	58	0	-37	-29	1.1	-0.645771823	-0.506145483	0.698502356	-0.387186178	-0.601815023	
13	1974	February	23	21	16	50	36	-16	0.7	0.628318531	-0.27925268	0.777677048	-0.222995305	0.587785252	
14	1974	March	27	9	11	0	-48	-106	1.6	-0.837758041	-1.850049007	-0.184437391	-0.643209621	-0.743144825	
15	1974	April	19	13	35	15	-37	42	0.9	-0.645771823	0.733038286	0.593501847	0.534391463	-0.601815023	
16	1974	May	29	20	42	15	20	15	0.6	0.34906585	0.907673371	0.243210347	0.342020143		
17	1974	July	11	0	46	30	21	88	2.7	0.366519143	1.535889742	0.032581487	0.933011715	0.35836795	
18	1975	January	3	1	42	0	29	-98	3.2	0.506145483	-1.710422667	-0.121723537	-0.866107968	0.48480962	
19	1975	January	12	3	14	10	75	40	1.7	1.308996939	0.698131701	0.198266891	0.166365675	0.965925826	
20	1975	January	13	0	26	20	-2	51	1.1	-0.034906585	-0.890117919	0.628937026	-0.776672545	-0.034899497	
21	1975	February	13	22	3	50	-19	-26	1.4	-0.331612558	-0.453785006	0.849826466	-0.414488062	-0.325568154	

quakeMapping

Ready Accessibility: Unavailable

## SEISMIC DATA CLEANED AND PROCESSED

# BENEFITS:



Aid in Scientific  
Research



Educational Tool  
meant for  
everyone



Framework can  
be used for  
modeling other  
planetary data



Explore Outer  
Space!



# TRY IT YOURSELF!

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