

Blackfoot	6/11/56	18:26:00.3	11°33'04"N 162°21'31"E	200	Tower				
Osage	6/16/56	01:13:53.1	11°32'48"N 162°21'39"E	680	Air drop				
Dakota	6/25/56	18:06:00.2	11°36'10"N 165°27'05"E		Barge				
Apache	7/8/56	18:06:00.2	11°40'17"N 162°12'01"E		Barge	0.04	1.0		
Navajo	7/10/56	17:56:00.3	11°39'48"N 165°23'14"E		Barge	0.15	1.0	0.35	
Tewa	7/20/56	17:46:00.0	11°40'26"N 165°20'22"E		Barge	0.09	1.0	0.35	
Huron	7/21/56	18:16:00.1	11°40'19"N 162°22'09"E		Barge				
Operation Plumbbob									
Boltzman	5/28/57	11:55:00.2	37°05'41"N 116°01'25"W	500	Tower	11.5	0.10	1.0	
Franklin	6/2/57	11:54:59.9	37°02'52"N 116°01'16"W	300	Tower	0.14			
Lassen	6/5/57	11:45:00.3	37°08'05"N 116°02'27"W	500	Balloon	00.47			
Wilson	6/18/57	11:45:00.3	37°08'05"N 116°02'27"W	500	Balloon	10.3	0.12	0.9	
Priscilla	6/24/57	13:30:00.1	37°47'53"N 115°55'44"W	700	Balloon	36.6	0.09	0.8	
Hood	7/5/57	11:40:00.1	37°08'05"N 116°02'27"W	1,500	Balloon	74.3	0.42	1.0	
Diablo	7/15/57	11:30:00.1	37°09'01"N 116°06'31"W	500	Tower	17.0	0.01	0.5	
John	7/19/57	14:00:04.6	37°09'38"N 116°03'11"W	30,000	Rocket	~2 kt	Record missing		
Kepler	7/24/57	11:49:59.9	37°05'— N 116°06'— W	500	Tower	10.3	0.06	0.8	
Owens	7/25/57	13:29:59.7	37°08'05"N 116°02'27"W	500	Balloon	9.7	0.11	1.0	
Stokes	8/7/57	12:25:00.2	37°05'12"N 116°01'25"W	1,500	Balloon	19.1	0.08	1.0	
Saturn	8/10/57	00:59:55.1	37°11'38"N 116°02'00"W		Underground	None			
Shasta	8/18/57	12:00:00.0	37°07'41"N 116°06'23"W	500	Tower	16.5	0.07	0.8	
Doppler	8/23/57	12:30:00.1	37°05'12"N 116°01'25"W	1,500	Balloon	10.7	0.06	1.0	

TABLE 1. Continued

Shot Name	Date	Time, UT	Coordinates	Height of Burst, ft.	Type of Burst	Yield			P wave*		Rayleigh Wave† Amplitude, μ	Arrival of Air Shock at Ground
						Mt	kt	Tons	Ampli- tude, μ	Period, sec		
Franklin'	8/30/57	12:39:59.9	37°05'12''N 116°01'25''W	750	Balloon		4.7					
Smoky	8/31/57	12:30:00.0	37°11'14''N 116°04'04''W	700	Tower		44		0.08	0.7		
Galileo	9/2/57	12:40:00.0	37°03'11''N 116°06'09''W	500	Tower		11.4		No motion			
Wheeler	9/6/57	12:45:00.0	37°08'05''N 116°02'27''W	500	Balloon			197	No motion			
Cou- lomb B	9/6/57	20:05:00.6			Surface		0.3					
LaPlace	9/8/57	12:59:59.8	37°05'12''N 116°01'25''W	750	Balloon				No motion			
Fizeau	9/14/57	16:44:59.8	37°02'01''N 116°01'53''W	500	Tower		11.1		0.10	0.9		
Newton	9/16/57	12:49:59.9	37°05'12''N 116°01'25''W	1,500	Balloon		12		0.04	0.8		
Rainier	9/19/57	16:59:59.5	37°11'45''N 116°12'11''W	-790	Underground		1.7		0.18	1.0		
Whitney	9/23/57	12:29:59.8	37°08'18''N 116°07'03''W	500	Tower		18.5		0.05	0.7		
Charleston	9/28/57	12:59:59.9	37°08'05''N 116°02'27''W	1,500	Balloon		11.5		0.06	0.9		
Morgan	10/7/57	13:00:00.1	37°08'05''N 116°02'27''W	500	Balloon		8		No motion			
Operation Hardtack, Phase I												
Yucca	4/28/58	02:40:00.3	12°37'00''N 163°01'30''E	86,000	Balloon				No motion			
Cactus	5/5/58	18:15:00.1	11°33'23''N 162°21'15''E		Surface				No motion			
Fir	5/11/58	17:50:00.1	11°41'27''N 165°16'25''E		Barge				0.03	1.0	0.06	
Butternut	5/11/58	18:15:00.1	11°32'28''N 162°21'02''E		Barge				No motion			
Koa	5/12/58	18:30:00.1	11°40'30''N 162°12'20''E		Surface				0.07	1.3	0.10	