

# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.



College  
DENVER, COLO.

Seismic Record No. 1

Date Febr. 7<sup>th</sup> M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
 Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes recorded in January*

*A. W. Fontall*  
Director.



Altitude: 1655 Met.  
 Longitude: 104° 56' 54" W, Gr. Latitude: 39° 40' 36" N.  
 Time: Mean Greenwich, midnight to midnight.  
 Instrument: Wiechert 80 Kg., astatic, horizontal pendulum.  
 Nomenclature: International.

FROM Febr. the 1st. TO Febr. the 28th.

DATE	CHAR.	PHASE	TIME	PER.	AMPL.		DIST.	REMARKS.
					An.	Re.		
			h. m. s.	s.		m.m.		
11	.	.	.	.	.	.	.	Activity at intervals during day.
17		Ln	23 26	.	.	.	.	Doubtful as to being seismic.
		Le	23 26	.	.	.	.	
21		Ln	16 3	.	.	.	.	Doubtful as to being seismic. Heavy machine in motion nearby.
		Le	16 3	.	.	.	.	
		Mn	16 9	5	.	2.0	.	
		Me	16 9	5	.	2.0	.	
27	e.r.	Pn	18 46 ?	.	.	.	.	Preliminaries not clear.
		Pe	18 46 ?	.	.	.	.	
		Sn	18 52 ?	.	.	.	.	
		Se	18 52 ?	.	.	.	.	
		Ln	19 3	.	.	.	.	
		Le	19 3	.	.	.	.	
		Mn	19 16	20	.	0.4	.	
		Me	19 16	20	.	0.5	.	
		Cn	19 18	.	.	.	.	
		Ce	19 18	.	.	.	.	
		Fn	19 21	.	.	.	.	
		Fe	19 21	.	.	.	.	
4	II.i.v.	Pn	8 26	.	.	.	.	apparently local.
		Pe	8 26	.	.	.	.	Felt by many in
		Sn	8 27	.	.	.	.	Sumner Vista, Gunnison,
		Se	8 27	.	.	.	.	Salida etc. <u>Colo.</u>
		Ln	8 30	3	.	.	.	
		Le	8 30	3	.	.	.	
		Mn	8 32	3	.	6.	.	
		Me	8 32	3	.	4.	.	
		Fn	8 48	.	.	.	.	
		Fe	8 48	.	.	.	.	

A. W. Forrestall Jr.  
 DIRECTOR

apparently local.  
 Felt by many in  
 Sumner Vista, Gunnison,  
 Salida etc. Colo.

A. W. F.

1981



# JESUIT SEISMOLOGICAL SERVICE

## RECORD

of the

EARTHQUAKE STATION, SACRED HEART COLLEGE

DENVER, COLORADO, U. S. A.

Altitude: 1655 Met.  
 Longitude: 104° 56' 54" W, Gr. Latitude: 39° 40' 36" N.  
 Time: Mean Greenwich, midnight to midnight.  
 Instrument: Wiechert 80 Kg., astatic, horizontal pendulum.  
 Nomenclature: International.

FROM March 1st TO March 31st

DATE	CHAR.	PHASE	TIME	PER.	AMPL.		DIST.	REMARKS
					An.	Re.		
			h. m. s.	s.		m.m.		
6	II.i	Pn	19 29					noPrelim. visible on E-W. Second prelim. not discernible on N-S.
		Ln	19 34					
		Le	19 34					
		Mn	19 35	10	8.5			
		Me	19 36	10		6.5		
		Cn	19 39					
		Ce	19 39					
		Fn	19 43					
		Fe	19 44					
8	I.i	Ln	7 20				Very small, yet quite clear.	
		Le	7 20					
		Fn	7 21					
		Fe	7 21					
19-20							Wavelets, thickening of penmarks.	
25	I.i	Ln	24 35				Prelim. not discernible.	
		Le	24 35					
		Mn	24 35 30	5	4			
		Me	24 37	5		3.5		
		Cn	24 39					
		Ce	24 39					
		Fn	24 42					
		Fe	24 42					



# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.



Seismic Record No. *4 - April*

Date *30<sup>th</sup>* M., 19*21*

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE <i>M. M.</i>
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S	6	43	?	6	47		6	50	30	7	13		6	50	30	22
E-W	?	?	?	6	47		6	50	30	7	15		6	50	30	20

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. ~~Time, 105th Meridian.~~  
 Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *Time: near Gr. midnight to midn.*

*A. W. Farstall Jr.*

Director.

JESUIT SEISMOLOGICAL SERVICE

RECORD

of the

EARTHQUAKE STATION, SACRED HEART COLLEGE

DENVER, COLORADO, U. S. A.

Altitude: 1655 Met.  
 Longitude: 104° 56' 54" W, Gr. Latitude: 39° 40' 36" N.  
 Time: Mean Greenwich, midnight to midnight.  
 Instrument: Wiechert 80 Kg., astatic, horizontal pendulum.  
 Nomenclature: International.

FROM May 1st TO May 31st.

DATE	CHAR.	PHASE	TIME			PER.	AMPL.		DIST.	REMARKS.
			h.	m.	s.		Am.	Ae.		
14	V.II.i	Pn	?						Preliminary trem. indiscernible.	
		Pe	?							
		Sn	?							
		Se	?							
		Ln	22	19	30					
		Le	22	19						
		Mn	22	19	30		2.5			
		Me	22	22		15		3.5		
		Cn	22	26		12				
		Ce	22	25						
		Fn	22	31						
		Fe	22	33						
21									Wavelets at intervals on N-S.	



*Regis College*

# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.



Seismic Record No. 6 Date June M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes in June.*  
*name of institution changed. New name:*  
*Regis College.*  
*Denver, Colo.*

Director.

*A.W. Horstall S.J.*



*Regis*

# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.

Seismic Record No. 7 Date Aug 13<sup>th</sup> M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes recorded in July.*

Director.

*A.W. Horstall S.J.*



*Regis*

# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.

Seismic Record No. 8 Date Sept. 12 M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes recorded in August.*

Director.

*A.W. Horstall S.J.*

1921.



# JESUIT SEISMOLOGICAL SERVICE

## R E C O R D

of the

EARTHQUAKE STATION, SACRED HEART COLLEGE

DENVER, COLORADO, U. S. A.

Altitude: 1655 Met.  
 Longitude: 104° 56' 54" W. Gr. Latitude: 39° 40' 36" N.  
 Time: Mean Greenwich, midnight to midnight.  
 Instrument: Wiechert 80 Kg., astatic, horizontal pendulum.  
 Nomenclature: International.

FROM September 1st TO September 30th

DATE	CHAR.	PHASE	TIME	PER.	AMPL.		DIST.	REMARKS.
					An.	Am.		
			h. m. s.	s.		m.m.		
8-9								Clear small waves at intervals on E-W.
11	I.u.e.	Le	3 19					Weak but discernible waves.
		Ln	3 27					
		Me	3 28	?		1-2		
		Mn	3 28	40		1-2		
		Fe	3 37					
		Fn	3 34					
		Le	3 59					
		Fe	4 15					
12								Visible activity and thickening of pen-marks.
20		Le	12 28					Very weak and irregular waves.
		Ln	12 28					
		Fe	12 41					
		Fn	12 41					



# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.

Seismic Record No. 10 Date Nov. 14<sup>th</sup> M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes recorded by instrument.*

*A. W. Horstall Jr.*  
Director.



*Regis College.*

# Jesuit Seismological Service

Denver, Colorado, Station, U. S. A.

Seismic Record No. 11 Date Dec 16<sup>th</sup> M., 1921

COMP.	P <sub>1</sub>			P <sub>2</sub>			MAIN			END			MAX.			MAXIMUM DOUBLE AMPLITUDE
	H	M	S	H	M	S	H	M	S	H	M	S	H	M	S	
N-S																
E-W																

Alt., 1655 M. Long., 104° 56' 54" W. Gr. Lat., 39° 40' 36" N. Time, 105th Meridian.  
Wiechert 80 Kg., Astatic, Horizontal. Magnif. 80. Period. 7 Secs. Damp. 5:1

REMARKS: *no quakes recorded in Nov.*

*A. W. Horstall Jr.*  
Director.



1921

JESUIT SEISMOLOGICAL SERVICE

RECORD

of the

EARTHQUAKE STATION, SACRED HEART COLLEGE

DENVER, COLORADO, U. S. A.

Altitude: 1655 Met.  
 Longitude: 104° 56' 54" W. Gr. Latitude: 39° 40' 36" N.  
 Time: Mean Greenwich, midnight to midnight.  
 Instrument: Wiechert 80 Kg., astatic, horizontal pendulum.  
 Nomenclature: International.

FROM Dec. 1st TO Dec. 31st.

DATE	CHAR.	PHASE	TIME	PER.	AMPL.		DIST.	REMARKS.
					An.	Ac.		
			h. m. s.	s.	m.m.			
18	II.i	Pn	15 37	4				Secondary tremors not discernible.
		Pe	15 37	5				
		Sn	?					
		Se	?					
		Ln	15 44	4				
		Le	15 44	5				
		Mn	15 44		10.4			
		Me	15 44		8.			
		Cn	15 52					
		Ce	15 52					
		Fn	16					
		Fe	16					

*A. W. Forrestall Jr.*

Director.