

# DENVER, COLO., 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. s.	AMPL.		△	REMARKS
			h.	m.	s.		An. m.	Ae. m.		
1	II.r.i.	Pn	18	49					Preliminaries somewhat obscured. Three sets of waves appear on record.  Waves appear in sharp, well defined groups with period of calm between. Two maxima: one at 19:10 and one at 19:15.	
		Pe	15	49						
		Sn	19	4						
		Se	19	4						
		Ln	19	9		30-32	2.3			
		Le	19	9		28-30		2.7		
		Mn	19	10		32	2.8			
		Me	19	10		30		2.8		
		Cn	19	51		20	1			
		Ce	19	51		20		1		
		Fn	19	55						
		Fe	19	55						
9	I.r.e	Ln	16	38				Very regular Sinusoidal. Three well defined groups No prelim. visible.		
		Le	16	41						
		Mn	16	50		20	0.75			
		Me	16	48		20			0.75	
		Fn	16	51						
		Fe	16	50						
17		Ln		3				Wavelets of long period and small amplitude at intervals.		
		Fn		13						
31	I.r.e.	Ln	8	43?				Very distinct and regular Sinusoidal. Time doubtful. Clock stopped. No record on E-W.		
		Fn	8	50?						

Director  
 A. W. FORSTALL, S. J.



# Jesuit Seismological Service

## RECORD

OF THE

### Earthquake Station, Sacred Heart College

DENVER, COLO., 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 JUNE 1ST. To JUNE 30TH.

DATE	CHAR.	PHASE	TIME			PER. s.	AMPL.		△	REMARKS
			h.	m.	s.		An.	Ae.		
							m, m,			
8	I.e.	Pn	1	1					Preliminaries very indistinct.	
		Pe	1	8						
		Sn	1	4						
		Se								
		Ln	1	8						
		Le	1	10						
		Mn	1	10		18	1			
		Me	1	11		20		1		
		Cn	1	16						
		Ce	1	13						
		Fn	1	24						
Fe	1	17								
12-13									Distinct activity during day. At times broken, at times regular Sinusoidal waves.	
26	II.e.r.	Pn	6	2					Very good record. Remarkably long on N-S.	
		Pe	6	2						
		Sn	6	13						
		Se	6	13						
		Ln	6	28						
		Le	6	28						
		Mn	6	30		25	2.5			
		Me	6	29		33		2.		
		Cn	6	45						
		Ce	6	38						
		Fn	7	36						
Fe	6	47								

Director,  
A. W. FORSTALL. S. J.



# Jesuit Seismological Service

## RECORD

OF THE

### Earthquake Station, Sacred Heart College

DENVER, COLO., 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 JULY 1ST.

TO AUGUST 31ST.

DATE	CHAR.	PHASE	TIME			PER. s.	AMPL.		△	REMARKS
			h.	m.	s.		An.	Ae.		
Regular observations could not be taken in July. Room and instruments were being repaired in August.  Director A. W. FORSTALL, S. J.										



# Jesuit Seismological Service

## RECORD

OF THE

### Earthquake Station, Sacred Heart College

DENVER, COLO., 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. s.	AMPL.		△	REMARKS
			h.	m.	s.		An.	Ae.		
10		Ln	8							Distinct Sinusoidal but very small.
		Mn	8	2						
		Fn	11							
17-18										Small waves and thickening of pen marks at times during day, especially on E-W.
20-21		Ln	17	50						Very small but distinct waves.
		Fn	17	57						
25-26										Distinct wavelets on both components during day.
26-27										Distinct Sinusoidal at intervals during day, especially on N-S. Long period, small amplitude.
30		Ln	2	45						Distinct Sinusoidal at intervals during day, but especially at hour marked. Large period, small amplitude.
		Mn	11	10						
		Fn	13	2						

Director

A. W. FORSTALL, S. J.



# Jesuit Seismological Service

## RECORD

OF THE

### Earthquake Station, Sacred Heart College

DENVER, COLO., 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 OCTOBER 1ST.

To OCTOBER 31ST.

DATE	CHAR.	PHASE	TIME			PER. s.	AMPL.		△	REMARKS
			h.	m.	s.		An.	Ae.		
7		Ln	21	31					Time rather doubtful.    Very irregular waves.	
		Mn	21	35						
		Cn	21	36						
		Fn	21	37						
18-14		Ln	21	49					Sinusoidal constantly occurring on N-S.	
		Fn	21	55						
		Ln	22	20						
		Fn	0							
14		Ln	1	30					Visible activity at intervals from 1:30 on.	
15		Ln	2	30					Activity.	
		Fn	4	15						
16-17									Strong activity on N-S all day.	
17-18									Small but very distinct sinusoidal waves all day on N-S.	
30		Ln	2	20					Sinusoidal at frequent intervals on N-S all day.	
		Fn	15							

Director,  
A. W. FORSTALL, S. J.



**RECORD**  
OF THE  
**Earthquake Station, Sacred Heart College**  
**DENVER, COLO., 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 NOVEMBER 1ST TO NOVEMBER 30TH

DATE	CHAR.	PHASE	TIME			PER. s.	AMPL.		△	REMARKS
			h.	m.	s.		An. m.	Ae. m.		
1-2		Ln	23	30					Very strong activity.	
		Fn	1	40						
6		Ln	9						Distinct wavelets at intervals on N-S.	
		Fn	12							
7		Ln	6	30					Distinct wavelets appear at intervals on N-S.	
		Fn	9	15						
16	r.l.e.	Ln	5	31					Time somewhat doubtful. Preliminaries not discernible.	
		Le	5	31						
		Mn	5	33	30	0.75				
		Me	5	33	40	0.75				
		Cn	5	34						
		Ce	5	38						
		Fn	5	36						
16	r.l.e.	Ln	5	48	20	0.5			Seems to be new quake. Preliminaries not discernible.	
		Le	5	48	20	0.5				
		Fn	5	53						
		Fe	5	53						

A. W. FORSTALL, S. J.  
Director.



# Earthquake Station, Sacred Heart College

DENVER, COLO., 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 DECEMBER 1ST To DECEMBER 31ST

DATE	CHAR.	PHASE	TIME			PER. s.	AMPL.		△	REMARKS
			h.	m.	s.		An.	Ae.		
								<i>m m.</i>		
12	II.r.i.	Ln	12	20					Preliminaries not discernable.	
		Le	12	30						
		Mn	?	?						
		Me	12	20	40	4-6	4			
		Fn	12	23						
		Fe	12	22						
21	I.r.e.	Ln	18	13					Preliminaries not discernable.	
		Le	18	12						
		Mn	18	14		10-13	1			
		Me	18	14		10-13	1			
		Fn	18	20						
		Fe	18	21						
27-28									Very strong activity at intervals during day.	
28	I.r.e.	Ln	21	38		0.5				
		Le	21	38		0.5				
		Fn	21	50						
		Fe	21	50						
29	III.r.i.	Pn	22	58						
		Pe	22	58						
		Ln	23	2		5-6	8.5			
		Le	23	2		5-6	10			
		Mn	23	10		5				
		Me	23	8		7				
		Cn	23	19						
		Ce	23	15						

A. W. FORSTALL, S. J.  
Director.