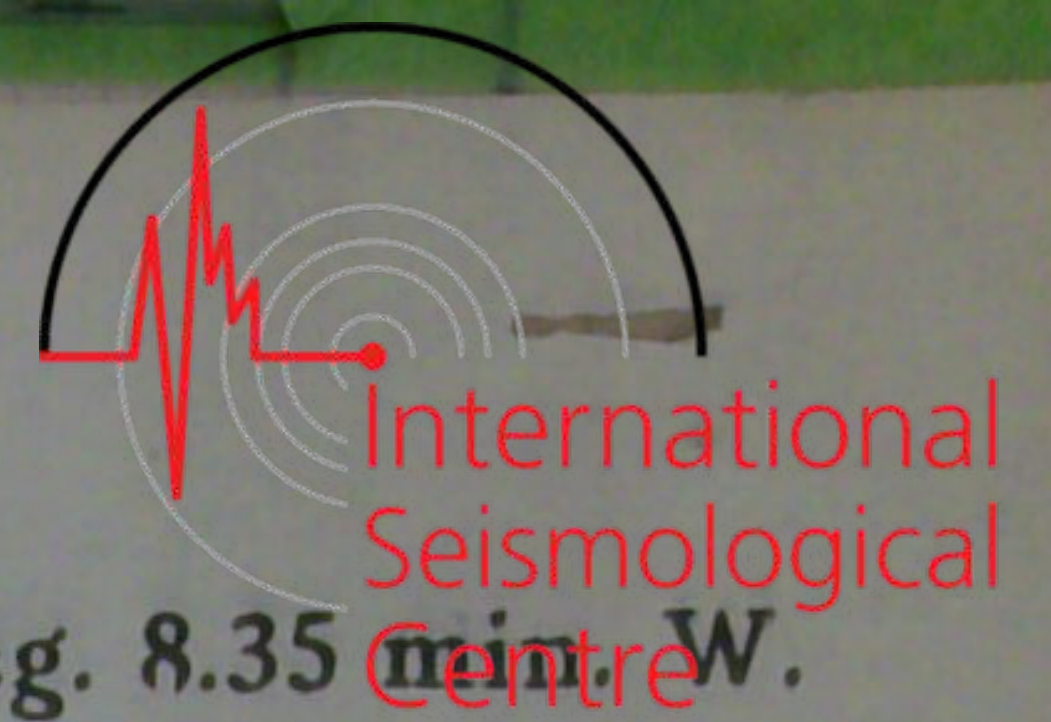


33 deg. 12.77 min. N.

EARTHQUAKE STATION

97 deg. 8.35 min. W.



OF

JNO. W. CRAIN

DENTON, TEXAS

1926
1927

No.	Date	Phase	G. M. T.			Period	Amplitude		Remarks
			h.	m.	s.		s.	E	

STATION

Name Earthquake Station of Jno. W. Crain
 Location, 33deg.12.77 min. N. 97 deg. 8.35 min. W.
 Altitude above sea--- 208 meters
 Lithologic foundation, See log enclosed. *Lime and shale*
 Date inaugarated, November, 1925.
 Postal address, Jno. W. Crain, Denton, Texas

DIRECTOR

Title, none
 Name Jno. W. Crain, Denton, Texas

SUPPORTING INSTITUTION none

EQUIPMENT, 35kg inverted pendulum seismograph with only E-W component. V50; T₀ 3.8seconds. Undamped.

TIME-SERVICE High grade clock kept within about 5 seconds of correct time, but when an earthquake is recorded clock correction is determined by Naval Obseravtory time signals by Western Union. The reports may gererally be expected to be within one or two seconds of correct.

Auxiliary Apparatus, A tromometer to ring a bell in my room.
A Bifilar pendulum, period 4 seconds.

33 deg. 12.77 min. N.

EARTHQUAKE STATION



97 deg. 8.35 min. W.

OF

V 25ca
T₀ 3.8

JNO. W. CRAIN

DENTON, TEXAS

No.	Date	Phase	G. M. T.			Period	Amplitude		Remarks
			h.	m.	s.		E	N	
							Trace		
	5/22/87	iP _E ?	22	50	12				
		LE ?	23	16	30				
		ME	23	33	00	24		1mm	
	5/23/27	F	0	33	00				

33 deg. 12.77 min. N.

EARTHQUAKE STATION



OF

NOV 3 11 31 AM '27

JNO. W. CRAIN

24

DENTON, TEXAS

No.	Date	Phase	G. M. T.			Period	Amplitude		Remarks
			h.	m.	s.		E	N	

10/24/27

P _E	16	7	40
eE	16	17	09
iE	16	18	45
iE	16	19	00
iE	16	19	48

5s
7s

34.5 mm

Alaska

S & L lost in
overlapping
V 50; T 4s

33 deg. 12.77 min. N.

EARTHQUAKE STATION

97 deg. 8.35 min. W.



24

OF

JNO. W. CRAIN

35 kg Inverted pendulum

DENTON, TEXAS

V 50

No.	Date	Phase	G. M. T.			Period	Amplitude		Remarks
			h.	m.	s.		E	N	

NOV 8 8 54 AM '27

11/4/ 27

O	13	50	11
1PE	13	55	16
SP	13	59	12
L?	14	01	18
ME	14	02	00
ME	14	04	20

20mm

24mm

22.3 degrees
1540 miles.
off california coast

V 50; T 3.8s