

1955 complete

I-2 left

OCT 10 1955

UNIVERSITY OF COLORADO
SEISMOLOGICAL OBSERVATORY

Department of Geology, Boulder, Colorado
40°00.5' North, 105° 16.25' West, h = 1654 m.

Seismographs: 1 Benioff short-period vertical
2 Benioff short-period horizontal

QUARTERLY BULLETIN
(January, February, March, 1955)

JANUARY, 1955

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>			<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>		
		h	m	s				h	m	s	
Jan. 1	i	10	43	47		Jan. 17	i	02	34	16.4	
	e	11	58	39			e	02	53	43	
	e	12	16	17		Jan. 18	i	08	49	28.5	
	i	12	16	39			i	17	03	28.3	
	i	18	12	10.5		Jan. 19	e	02	12	44	
	i	18	46	37.5			i	15	41	29.2	
Jan. 3	i	01	19	55		Jan. 20	i	03	54	14.5	
Jan. 4	i	12	20	31.2			e	13	08	48	
Jan. 5	e	01	09	08		Jan. 21	i	14	26	43	
	i	01	09	12.5		Jan. 23	e	10	43	03	
	e	15	38	33		Jan. 24	i	05	53	17.8	
	i	15	38	43		Jan. 25	e	07	27	42	
Jan. 6	e	00	46	01			e	14	24	13	
	i	04	07	30.7			e	14	59	29	
Jan. 7	i	05	36	45.8		Jan. 26	e	07	38	57	
	e	08	03	23			i	07	39	03	
	e	10	04	25		Jan. 27	e	07	55	52	
	i	10	05	28.9			i	13	17	10.7	
Jan. 8	e	09	13	08		Jan. 29	i	18	05	18	
	i	09	13	16.8		Jan. 31	e	02	35	55	
Jan. 9	i	00	38	00.2			i	05	14	09	
	e	04	10	30			e	05	42	18	
	e	09	13	17			e	16	13	16	
	i	09	13	38							
	e	12	01	09							
Jan. 10	e	09	47	15							
	e	10	09	12							
	i	10	09	36.7							
	e	13	18	28							
	e	19	37	51							
	i	21	55	35.5							
Jan. 11	e	00	47	06							
	e	10	23	51							
	i	15	47	36.5							
Jan. 12	e	19	37	13							
Jan. 13	e	02	11	49							
	e	02	43	52							
	i	02	52	52.2							

FEBRUARY, 1955



<u>Date</u>	<u>Phase</u>	<u>Time</u> (G C T)			<u>Date</u>	<u>Phase</u>	<u>Time</u> (C G T)		
		<u>h</u>	<u>m</u>	<u>s</u>			<u>h</u>	<u>m</u>	<u>s</u>
Feb. 1	i	19	28	07.3	Feb. 16	i	11	48	36
						i	11	58	37.7
Feb. 2	i	07	35	27					
	e	22	15	27	Feb. 17	i	08	57	32
						e	11	16	26
Feb. 3	e	03	14	23					
	e	09	12	05	Feb. 18	i	08	13	56.2
	e	12	26	51					
	i	12	26	56	Feb. 19	i	03	55	24.7
	e	12	38	59		i	10	41	50
	i	12	45	33.5		i	12	49	59
						e	23	52	24
Feb. 4	i	05	24	18.5		i	23	53	05
	e	07	41	10					
	i	07	41	17.5	Feb. 20	i	12	26	23.5
	e	09	14	02		i	16	21	31
	i	14	03	15.5					
	i	19	25	17.5	Feb. 23	e	02	40	08
						i	05	09	41.6
Feb. 5	i	14	18	29		i	11	53	01.6
	e	20	53	02					
					Feb. 24	e	09	26	33
Feb. 6	i	02	37	13		i	09	26	48.8
	i	10	24	36					
	i	10	57	49	Feb. 25	e	00	53	00
	i	18	26	14		i	00	53	38.1
						e	03	00	07
Feb. 7	e	13	52	32					
	i	13	53	05.5	Feb. 26	e	18	01	40
Feb. 8	i	04	22	39.5	Feb. 27	i	10	43	22.3
	e	04	31	38		e	16	47	40
	i	05	56	57.5		e	20	56	44
						i	20	56	45.0
Feb. 10	i	00	14	02.2					
	i	04	16	05	Feb. 28	i	01	07	20.8
	i	17	26	39		e	01	17	51
						e	21	02	22
Feb. 11	i	03	02	16.5					
	i	12	16	56					
	e	16	15	28					
	e	16	17	55					
Feb. 12	e	00	14	44					
	i	00	15	02					
	i	04	07	06					
Feb. 13	i	17	26	48.8					
Feb. 14	i	15	37	35.8					
	e	17	16	02					

MARCH, 1955

<u>Date</u>	<u>Phase</u>	Time (G C T)			<u>Date</u>	<u>Phase</u>	Time (G C T)		
		h	m	s			h	m	s
March 1	i	01	59	03.7	March 16	e	19	48	30
	i	04	49	10.2		e	21	56	09
	e	08	08	30	March 17	i	19	23	26.8
	e	08	54	33		i	00	16	27.7
	i	14	08	36.4	March 18	e	00	46	10
March 2	e	01	54	55		i	09	18	12.7
March 4	e	11	44	54	March 19	e	07	54	55
March 5	e	03	35	47		e	14	17	44
	i	03	35	49	March 20	i	03	57	22.7
	i	05	48	28.2		e	20	18	51
	e	07	50	47	March 21	e	01	11	51
	i	19	38	52.3		e	06	07	07
March 6	e	06	44	07	March 22	i	14	24	45.5
	i	06	40	54.2		e	05	14	13
	e	13	52	14.6	March 23	e	17	35	30
March 7	e	09	10	49		e	12	10	18
	e	13	22	16	March 24	i	18	04	31
	e	19	39	15		e	06	07	21
March 9	e	17	20	28	March 25	i	23	02	59
	i	17	20	31	March 27	e	09	43	28
March 10	i	03	44	41		e	01	07	50
	e	21	22	46	March 28	i	06	58	27.5
March 11	i	07	07	43.9		i	09	25	33
	i	09	16	11.2	March 29	i	13	49	59.4
	e	09	24	21		e	05	01	43
	i	09	24	41.2	March 30	e	12	17	52
	e	23	51	47		e	18	35	43
March 12	i	23	51	52	March 31	i	18	36	00
	i	13	38	44.0					
March 13	e	04	14	39					
	e	08	43	34					
March 14	i	11	02	09.3					
	i	13	20	31.0					
	i	13	25	40.0					
	e	18	26	11					
March 15	e	14	18	45					
	e	11	28	45					
	i	11	28	51.3					
	e	11	51	57					

OCT 10 1955

UNIVERSITY OF COLORADO
SEISMOLOGICAL OBSERVATORY

Department of Geology, Boulder, Colorado
40°00.5' North, 105° 16.25' West, h = 1654 m.

Seismographs: 1 Benioff short-period vertical
2 Benioff short-period horizontal

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QUARTERLY BULLETIN
(April, May, June, 1955)

APRIL, 1955

<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>			<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>		
		h	m	s				h	m	s	
April 2	i	23	03	41.2		April 13	e	11	35	26	
	i	23	05	13.2			e	20	58	46	
4	e	10	02	59		14	e	04	18	18	
	i	10	03	14.7			e	08	31	10	
	i	19	30	30.7			e	12	33	51	
5	i	15	12	58.6			i	12	34	04	
	e	15	36	55		15	e	03	54	44	
	e	16	20	07			e	04	27	17	
	e	19	25	36			i	19	17	15.2	
	i	19	25	41.6		16	e	01	20	02	
6	e	13	10	51		17	e	12	59	20	
	i	13	11	01			i	18	45	50.7	
	i	13	38	02.3		19	e	20	35	40	
	e	20	08	56		20	e	02	24	21	
	i	20	10	06			e	06	00	26	
	e	20	13	52			i	06	00	34.5	
7	e	11	45	03		21	i	07	31	12	
8	e	13	20	11			e	14	11	04	
9	i	07	13	36		22	e	01	23	03	
	e	10	09	15			i	01	23	29.0	
	i	10	09	19			i	11	11	49.0	
	i	10	10	09			e	16	38	45	
	e	13	04	16		23	e	16	53	02	
	i	15	31	20.5			e	18	39	28	
	e	21	55	29		24	i	12	52	09	
10	e	15	33	14			e	13	12	44	
	e	17	57	04			e	21	16	09	
11	e	10	37	06		25	e	03	22	41	
	i	10	58	49.5			i	09	01	19	
							e	10	45	52	
							i	10	45	56.2	
						26	e	03	09	44	
						28	e	00	44	38	
							i	19	13	59.5	
						29	i	08	33	56	
						30	i	01	38	55	
							i	01	50	26	
							e	09	21	32	
							e	09	26	31	
							e	14	17	15	

MAY, 1955

<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)	<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)
		h m s				h m s	
May 1	i	10	07 24	May 22	i	12	46 20.0
	e	14	10 49		e	14	18 56
	i	17	26 16.4		i	23	55 10
2	i	12	52 10.7	23	e	07	21 54
3	i	11	54 47	24	e	01	23 31
	i	12	59 34		e	03	11 57
5	i	08	21 59.5	25	i	03	14 58.4
	e	12	12 15		i	04	06 30.4
	i	12	12 55		e	12	35 03
6	i	11	48 18.7		e	14	07 26
	e	16	45 11		e	18	31 45
7	e	05	44 56	26	i	06	18 41.7
	i	11	53 52.3		i	07	07 42.7
8	e	06	55 14		e	13	37 29
	i	09	39 36.5		i	13	37 37.5
	i	10	35 12.8	27	e	17	16 57
	e	10	39 35		i	19	28 23
	i	10	39 44.3	28	i	06	32 02
9	i	11	12 20.7	29	e	02	41 55
10	i	11	42 17		e	11	16 39
11	i	11	12 36.5		i	11	16 52
13	e	03	37 39		e	11	26 05
	i	03	37 40.7		e	12	53 46
	e	13	49 32		i	13	38 26.3
	e	22	03 37		e	14	51 40
14	i	06	16 24.0	30	e	21	10 12
	i	06	26 07.5		i	09	39 23.9
	i	12	45 09.6		i	12	43 46.3
	i	20	04 46.0		i	17	06 56.2
15	e	12	02 08		e	23	45 33
	i	12	02 49.5		i	23	56 26.0
17	e	08	24 05	31	i	09	44 00.7
	e	15	09 05		i	14	56 06.5
	i	15	09 12.7		i	17	06 52.5
19	i	07	18 03		i	18	05 08.5
21	i	03	43 00.5				
	i	10	45 27.7				
	i	15	51 49.8				

JUNE, 1955

<u>Date</u>	<u>Phase</u>	<u>Time</u> h m s	(G C T)	<u>Date</u>	<u>Phase</u>	<u>Time</u> h m s	(G C T)
June 1	i	10 25 27		June 20	i	12 16 32	
2	i	00 28 04.1		21	i	11 01 21.0	
	i	00 43 35.9					
	e	02 11 18		23	e	08 52 02	
	e	22 33 38			e	18 40 53	
	e	23 04 59			e	22 24 58	
3	e	05 25 53		24	e	11 49 50	
					i	11 50 04.5	
4	e	00 49 33					
	e	01 49 16		27	e	02 03 16	
	i	01 49 19.2					
	e	04 04 04		28	i	04 37 29	
	e	17 03 34			e	07 26 14	
5	i	02 02 23.4		30	e	20 33 11	
	e	02 22 21					
	i	15 08 19.0					
6	i	13 32 28					
8	e	17 14 16					
9	i	04 18 11					
11	i	21 24 16					
	i	22 30 09.5					
12	e	00 23 29					
	e	10 02 15					
	i	20 41 39.5					
13	e	14 04 15					
14	e	06 16 01					
	i	06 16 12					
	e	07 41 10					
	i	07 41 19					
	i	17 34 21.3					
	i	19 34 44.8					
15	i	10 11 54.5					
	e	12 41 51					
16	i	12 41 11.4					
19	e	19 23 42					
	i	19 30 27					
	i	21 33 22					

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JUL 3 1 1955

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UNIVERSITY OF COLORADO
SEISMOLOGICAL OBSERVATORY

Department of Geology, Boulder, Colorado
40°00.5' North, 105° 16.25' West, h = 1654 m.

Seismographs: 1 Benioff short-period vertical
2 Benioff short-period horizontal

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QUARTERLY BULLETIN
(July, August, September, 1955)

JULY, 1955

<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)	<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)
		h	m s			h	m s
July 2	e	06	44 50	July 18	i	02	23 13
	e	16	35 21		e	11	43 16
	e	22	37 29		i	13	45 40.8
3	e	08	10 13	19	i	23	59 20.4
	e	14	35 48				
	i	14	35 50.3	20	i	04	16 59.7
	e	15	30 14		i	06	49 27.4
4					i	06	52 32.6
	e	02	51 30		e	07	01 46
	e	14	29 04		i	21	09 14.2
5				21	e	12	24 51
	e	04	12 51		i	12	25 10.3
	e	11	50 45		i	12	55 27.4
6					i	12	56 20.2
	i	02	04 53				
	e	02	33 26	22	e	05	28 15
	e	10	37 18		i	06	03 49
7	i	05	03 51.5				
8				23	e	14	04 55
	i	01	39 52.7				
	e	18	53 25	24	e	01	17 31
	e	19	21 24		i	11	14 37
	i	19	23 56.8				
11				25	i	11	33 47.6
	i	03	00 27.5				
12				26	i	04	11 14.4
	i	18	09 57.8				
13				27	i	01	33 44.8
	i	02	07 59.7		e	05	14 29
14					e	05	21 09
	e	10	10 16		i	18	26 05.8
15				28			
	e	04	49 31		i	02	12 13.8
	i	04	51 21.5	31	i	02	06 01.2
16					i	02	07 02.7
	e	07	20 18				
17							
	e	08	05 14				
	i	12	29 55				
	e	22	06 31				

AUGUST, 1955



<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G	C	T)	<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G	C	T)
		h	m		s			h	m		s
August 2	e	04	18		51	August 21	e	06	18		21
	i	04	19		28		e	09	05		20
							e	11	20		04
3	e	06	31		24		i	17	52		10.5
	i	06	40		26.5		i	18	03		37.7
5	i	03	17		08.2	23	i	15	36		37
	i	11	20		20.3	24	i	04	48		22
6	i	08	43		55.4		i	07	00		38
							i	07	12		42.8
7	e	10	24		20	25	e	22	22		04
	i	10	24		25.2	26	e	21	06		26
8	e	10	38		12	27	e	02	57		27
12	i	04	21		49	28	e	20	09		20
	e	11	43		12		i	20	19		32
14	e	12	36		35	29	e	01	21		00
	i	12	36		47		i	08	00		05.8
16	e	19	16		45		i	08	15		02
19	i	07	54		06		i	15	42		58.4
20	i	19	45		36.7	30	i	17	47		33

SEPTEMBER, 1955



<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)	<u>Date</u>	<u>Phase</u>	<u>Time</u>	(G C T)
		h m s				h m s	
September 1	e	13	27 21	September 12	i	06	22 50.4
	e	17	39 59				
	2 i	23	09 17.7		13 i	02	09 29.7
					i	07	42 43.5
	3 i	05	30 20.6		15 i	12	49 17.7
	e	11	14 58		16 i	07	45 21.6
	e	11	15 51		17 i	02	04 43
	i	11	42 18.5				
	i	16	41 46		18 e	11	44 20
	i	16	51 47.7		i	14	58 07
	4 i	11	40 49.8				
	i	19	21 21.5		20 e	13	34 04
	5 i	02	04 32.5				
	i	10	05 02.5		21 e	01	22 58
	e	11	55 45		e	07	53 34
					i	07	53 42
	6 i	21	07 09.5		e	09	21 52
	8 e	03	39 11		25 i	18	53 27.3
	i	11	09 38.3				
	e	23	50 23		26 i	08	33 49.4
					i	09	06 32
	9 i	10	01 22				
					28 i	18	15 13.5
	10 i	06	03 51.5				
	i	09	37 53.5		29 e	11	39 22
					i	20	10 26
	11 e	00	56 33				
	i	00	56 37		30 e	03	31 01
	i	01	58 55		e	13	56 06
	i	12	28 44.5		i	13	56 28
	e	18	22 02		i	20	23 16

JUL 31 1956

UNIVERSITY OF COLORADO
SEISMOLOGICAL OBSERVATORY

Department of Geology, Boulder, Colorado
40°00.5' North, 105° 16.25' West, h = 1654 m.
Seismographs: 1 Benioff short-period vertical
2 Benioff short-period horizontal

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QUARTERLY BULLETIN
(October, November, December, 1955)

OCTOBER, 1955



<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>			<u>Date</u>	<u>Phase</u>	<u>Time</u>	<u>(G C T)</u>		
		h	m	s				h	m	s	
October 1	i	01	22	12.7	October 20	e	07	38	27		
	e	06	15	23		e	12	13	39		
	e	10	16	11							
2	i	16	10	32	21	e	04	51	20		
	i	16	51	11.7		i	04	54	42		
						i	19	14	44.5		
						i	19	17	03		
3	i	11	28	21.4	22	e	00	28	36		
	e	17	47	35							
5	i	09	08	13	24	e	03	13	53		
						i	03	14	04		
6	e	11	15	27	25	e	16	39	52		
	i	11	15	28.3							
7	i	05	09	51	27	i	00	13	07		
						e	01	48	56		
9	i	23	23	02.2		e	09	37	34		
						e	12	01	08		
10	e	09	11	47		i	14	31	58		
	i	23	15	49							
13	i	09	40	30	29	i	03	24	56		
	i	12	11	55		e	21	06	19		
	e	21	57	31		e	22	19	17		
14	e	01	08	30	30	i	19	32	51		
	i	08	51	04.5							
					31	e	01	14	38		
19	i	10	05	35.7							

NOVEMBER, 1955



<u>Date</u>	<u>Phase</u>	Time	(G	C	T)
		h	m		s
November 2	i	02	05		03
	e	19	43		17
3	i	12	51		05.5
4	i	23	56		05.5
5	i	07	23		10
	e	08	13		40
	i	08	13		43.6
	e	14	01		29
7	i	07	45		54.4
10	e	01	56		29
	i	05	38		57
	i	09	03		32
12	i	12	32		03.5
13	i	07	55		09.2
14	i	01	29		01.4
	i	13	36		10.5
15	e	10	13		55
	i	10	13		57.2

<u>Date</u>	<u>Phase</u>	Time	(G	C	T)
		h	m		s
November 16	e	08	11		51
17	e	07	05		03
18	i	07	17		44.2
21	e	20	27		57
	i	20	28		02
22	e	03	34		54
23	e	03	20		34
	i	06	40		06.6
	e	07	08		54
24	i	01	21		09.7
25	i	08	45		10.8
26	i	17	38		57.1
28	i	05	25		13.3
30	i	08	52		31.7

DECEMBER, 1955



<u>Date</u>	<u>Phase</u>	Time	(G	C	T)
		h	m		s
December 5	i	14	37		58
6	e	04	42		04
7	i	14	38		57
	i	15	16		10
12	e	02	43		58
	e	19	45		14
13	e	15	17		17
14	i	13	31		33.3
	e	13	34		45
16	e	05	35		48
	e	07	19		02
17	i	05	20		44
	e	05	48		17
	i	06	10		08.4
	e	06	10		55
	e	06	13		24
	e	06	14		09
	e	06	54		44
	i	06	55		28
	e	19	09		06
	i	19	11		21.8

<u>Date</u>	<u>Phase</u>	Time	(G	C	T)
		h	m		s
December 20	i	13	50		15.7
21	e	06	00		54
22	e	10	17		03
	e	12	07		59
23	e	01	38		02
24	e	22	14		50
	i	05	10		48
26	e	19	39		31
27	i	02	40		56
	e	09	00		39
	e	10	58		24
	i	10	58		28
28	i	07	34		18.5
29	i	16	12		37
31	i	21	26		14.6