

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:01-67

WEEKLY SEISMOGRAM READINGS
(KAS) January 1 - January 6, 1967

Lat. = $41^{\circ} 22'.3$ N. Long. = $33^{\circ} 46'.0$ E.
h = 850 meters Bed-rock = Eocene flysch with
Nummulitic limestone

A = $+.6257$ B = $+.4183$ C = $+.6584$

ADDITIONAL (December 1966)

30 i P	17 19 04		2 i P	08 22 34	
i	12		2 i P	13 54 06	
31 i P	00 38 50	C?	i	12	
31 i P	01 32 40	D	2 i P	20 19 06	
i	33 15	C	i	22 43	
31 e Pn	05 22 15		2 i P	20 59 47	C
i	19		3 i P	16 43 33	
31 i P	14 24 42	C	3 i P	21 42 30	D
i	48		i	46 06	D
31 e PKP	18 42 12		4 i P	03 50 04	
e	47		4 i P	03 53 11	D
31 e P	19 12 19		4 e P	06 00 01	
31 e P	19 57 38		e	01 14	
31 e PKP	22 34 17		i	28	C

JANUARY 1967

1 i P	07 25 23	C
1 i P	09 04 16	D
1 i Pg	18 02 45	D
i Sg	49.5	
1 i Pg	19 17 10	D
i Sg	16	
2 iiPg	01 19 19	

4	i P	11 35 58
4	NO RECORD	from 19 22 till
5		10 10
5	NO RECORD	from 22 25 till
6		

S. Kesili Z. Uz

Printed January 16, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTALONU
No:2-67

W E E K L Y S E I S M O G R A M R E A D I N G S

(KAS) January 6 - January 13, 1967

No record between January 6 0930
and January 8 0940

No record between January 9
15 40 and January 10 10 00

8	e P	11 49 03	10	e P	11 56 23
8	e P	13 48 13	10	i P	18 38 56
8	e P	17 00 12	10	i Pg	21 21 27
8	e P	19 00 24	10	i P	22 55 48
9	e P	01 18 21	11	eiP	06 06 47
9	e P	01 48 57	11	i P	11 23 38
9	e Pn	02 21 21		i	57
				e S	27 25
9	e P	05 14 26	12	e P	08 56(49)
9	e P	06 55 04	12	e P	18 19 09
9	i Pg	12 12 38			

Zeki Uz

Printed January 20, 1967

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Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:03-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) January 13 - January 20, 1967

13	i Pg	09 42 01	19	eiPg	07 30 49.5	
	i Sg	07		i Sg	31 08	
13	e Pn	19 18 12	19	e(PKP)	12 57 25	
13	e P	22 07 59		e	58 01	
13	e Pn	23 10 25		e	59 50	
14	e P	12 17 05	19	i P	14 54 08	C
14	e P	13 37 00	20	eiP	02 06 02	
14	e P	14 20 20	20	e Pg	04 37 01	
14	e P	15 36 05		e Sg	12	
15	e P	00 07 30	20	e P	06 31 56	
15	No record between 05 13 and 09		Zeki Uz			
Printed January 27, 1967						
16	e Sg	01 25 23				
16	e Pg	12 35 06				
	e Sg	16				
16	e P	14 25 24				
16	e P	14 51 48				
17	e(PKP)	01 25 16				
	e	28 23				
17	e P	03 40 03				
17	i PKP	12 11 24				C
	e(PKS)	14 16				
18	e P	05 44 09				
18	eiPg	05 23 39				
	i Sg	45				
18	i PKP	05 44 09				D
18	e(PKP)	08 30 54				
18	e P	21 58 04				

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KASTAMONU
No:04-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) January 20 - January 27, 1967

21 e P 03 14 01
21 e P(n) 09 12 10
21 e Pn 09 30 18
21 e Pn 10 46 59
21 e Pn 11 19 22
 e Sg 37
21 e P 11 24 08
21 e P 14 08 02
22 e P 12 10 29
22 e P 12 20 10
22 e P 12 24 42
23 e P 11 29 40
23 iiP 19 51 25

Felt: Kastamonu

24 e Pn 02 05 35
 i S(g) 50
24 eiP 03 17 16
24 i P 09 40 00 D
25 i P 01 56 01 C
 i 55
 i 57 08
 i 02 02 10

25 i Pg 03 09 38
 i Sg 46
25 i P 07 50 16 C
25 e P 11 03 00
25 No record from 20 53
 till
26 10 46
26 e P 17 16 31
27 i P(g) 07 11 38 C

ERRATUM

16 January 1967 eP 14 25 24
 should read
 eP 14 45 24

Zeki Uz

Printed February 3, 1967

KASTAMONU
No:05-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) January 27-31-- February 3, 1967

27	i Pn	12 54 27		30	No record from 13 17	
28	i P	01 51 48.2 D		31	till 08 00	
	i	52 02				
28	i Pg	07 52 40.1 C		31	i P	17 55 42.5 C?
	i Sg	53 02		31	i P	19 05 37.8 D
28	i P	14 05 29	C	31	i P	19 09 34.5 D
28	i P	14 18 28			i	54
28	i P	14 19 44		31	i P	19 14 14
28	i P	14 35 57	C	FEBRUARY		
28	i P	14 42 56		1	i P	01 12 31.2 D?
28	i P	14 45 15		1	h P(n)	12 56 36
28	i P	16 43 54		1	i Pg	14 43 17.1 C
28	i P	17 32 05			i Sg	23
28	i P	17 54 32	C?	2	e(P)	06 44 26
29	i(Pn)	02 21 00			i	59
	i	10		2	i P	07 44 15.7 D
29	e P	03 59 07			i	42
29	i Pg	05 23 49		2	i P	16 35 56.0 D
	i Sg	24 18			i	38 42
29	i Pn	07 17 18		3	i P	03 15 38 C
29	i Pn	07 18 20		3	e P	06 42 46
	i	46		3	e(P)	08 28 53
29	i P	08 01 48		A. S. Kesili		
	i	55		Printed February 8, 1967		
29	No record between 10 32 and 14 40					
29	e P	18 05 57				
29	e P(n)	19 49 19				
	i Pb	30				
	i Sb	50 38				
30	e Pn	01 22 24				
	i	26				
	i	30				
30	i P	01 28 35				
	i S	29 52				
30	e(Pn)	05 21 46				
30	i P	07 18 15				
	i	30				
30	i P	12 26 49	D			
	i	55	D			
	i	28 21				

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Seismology Division

KASTAMONU
No:06-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) February 3 - February 10, 1967

3	e P	12 42 24	9	i(P)	15 54 42
3	i P	12 59 40.8 D	9	i P	20 35 44.5 C
	i	13 00 48 D		i	47 C
	i	01 39			
	e	09 14	10	i P	00 24 52
5	Time correction doubtful from 16 -- till				10 i Pg i Sg 04 55 24 29
7		10 40	10	i P	05 53 12 D
7	i P	15 05 28.8 C	10	i P	05 58 29.0
	i	44 D		i	26
	i	53 C			
	i	06 01 C?			
			A. S. Kesili		
8	i P	00 07 52.7 D?	Printed February 15, 1967		
	i	53.6 D			
8	i P(g)	00 31 50			
8	i P(n)	17 27 01			
8	i Pn	22 18 58			
	i(S)	20 01			
8	i(P)	23 04 07			
	i	25			
	e(S)	05 10			
8	e P(n)	23 16 02			
	e S	17 06			
9	i P	01 42 57			
9	e P	06 45 32			
9	e P	13 10 24			
9	i P	14 10 52.5 D			
	i(S)	14 13			
9	e P	15 38 38			
	i	41 59			
	i	43 04			
	e	54 42			
	e	16 03 01			

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Seismology Division

KASTAMONU
No:08-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) February 17 - February 24, 1967

17 e P	10 30 39	21 e Pg	15 09 02.5
		e Sg	09
18 i P(g)	10 03 34	21 e P	15 14 07
18 No record from 22 oo		21 i P	18 55 01
till		22 e(PKP)	18 45 59
19 11 oo		e	46 21
19 e P	12 40 40	i	49 26
		e	50 06
19 e P	14 41 40	22 i P(b)	20 15 04 C
19 e P	20 15 38	e S(g)	39
19 i P	22 27 18 D	23 e P	06 18 17
19 e P	23 41 18	23 e P	20 50 46
20 e P	09 14(00)		
20 e P	15 25 20		
20 e P	16 43 28		
21 e P	04 30 19		
21 e P	12 44 15		
21 e(PKP)	12 58 55		

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Seismology Division

APR 1967

KASTAMONU
No:09-67
10-67
NO RECORD
11-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) February 24 - March 10, 1967 NO RECORD
March 10 - March 17, 1967

10	e P	10 31 57	13	e(PKP)	07 33 00	
10	e P	13 45 57.5	13	e P	08 15 52	
10	e P	16 00 33	13	e(PKP)	11 51 24	
10	e P	19 51 51	13	e P	12 21 42	
10	e P(n) Seismic ?	20 32 43	13	e(P)	16 25 57	
			13	e P	19 13 59	
10	e P	22 09 20	13	i P	19 27 15	C
11	e Pn e Sg	04 14 31 46		e	31 12	
			14	eiP	07 07 02	
11	e P e	04 17 55 18 42	14	e P	07 58 02	
11	e Pn e Sg	05 20 20 21 26	14	e Pg e(Sg)	19 31(36) 32 14	
11	e P	06 36 52	14	e P	21 57 04	
11	e	06 50 02	14	i P	23 43 18	C
11	e(P) e	15 02 56 03 15	15	e Pn e Sg	10 39 31 40 03	
11	e P	17 05 49	16	e(PKP)	03 16 56	
11	e P e(S)	19 38 45 43 17	16	i Pg i Sg	12 12 33 39	C
11	e	23 21 08	16	e Pn i Sg	23 19 14 33	
12	e	00 13(34)	16	e P(n) i	23 27 00 32	
12	e P e	03 03 36 06 26	17	e P	07 10 30	
12	e P	10 06 48				
12	e P e	18 38 15 40 37				
12	e(PKP)	21 49 28				
13	i P	05 21 37	C			

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Printed March 31, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:12-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) March 17 - March 24 , 1967

17	e Pn	20 12 58		20	e P	14 56 11	
	i Sg	13 17		20	e P	17 24 28	
18	e Pn	00 43 45		20	e P	19 26 40	
	e Sg	44 48		20	e P	20 38 37	
18	e P	09 46 12		20	e Pn	22 39 07	
	e S	48 36			e Sg	41 55	
18	i Pg	13 04 40		21	e P	01 14 57	
	i Sg	46		21	e	07 18 38	
18	e(P)	15 28 01		21	e P	08 03 47	
18	e P	18 01 37		21	i P	08 51 21	C
	e(pP)	56		21	i P	11 44 35	C
19	e Pn	01 19 22		21	e P	15 03 25	
	i Sg	36		21	e P	18 56 41	C
19	e(PKP)	01 24 21		22	e	02 59 16	
	e	27 35		22	e P	21 49 31	
	e	28 12			e S	50 46	
	e	56		23	i	10 42 14	
19	e P	03 06 11			Seismic ?		
19	e(PKP)	04 13 28		23	i P(n)	11 00 38	
19	e P	06 06 57			e Sg	01 15	
19	e P	09 21 42		23	i P(b)	11 27 25	D
19	i Pg	09 50 18	C		i S(b)	29	
	i Sg	26		23	e P	13 53 50	
19	e P	11 18 19		23	e P	14 26 44	
19	e Pn	15 29 04		23	e P	16 27 19	
19	eiP(b)	16 45 49		24	e P	01 19 33	
	i Sg	46 11		24	e(PP)	01 58 23	
19	e Pn	16 57 19		24	e P	02 02 39	
	e Sg	40		24	e P	02 08 35	
19	e Pn	17 07 50		24	e P	04 23 23	
	i Sg	08 11		24	e P	06 42 59	
19	e Pn	20 57 27		24	i PKP	09 11 56	D
	i Sg	48			i	12 45	
20	e Pn	05 25 09			i	14 05	
20	e P	11 00 22			i	15 02	
20	i Pg	12 17 25	D		i	17 12	
20	i(PKP)	13 43 25	D				
20	e P	13 50 44					
20	i P	13 52 45	C				
20	i(PKP)	14 03 59	D				

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10 APR 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:13-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) March 24 - March 31, 1967

24	e	10 05 21		28	e P	21 23 55	
24	e P	10 12 04		28	e P	21 35 02	
24	e P	11 44 52		28	e P	21 39 57	
24	i P	11 57 50	D	29	e P	01 19 14	
	e	59 59		29	e(PKP)	02 08 33	
24	e P	17 42 46		29	e P	03 45 26	
24	e P	19 29 14		29	e P	11 45 17	
24	e PKP	23 18 15		29	e P(b)	14 38 15	
	e	20 46			e Sg	29	
25	i P	06 04 27		29	i P	17 27 53	C
25	e P	07 46 35			e	30 23	
25	e P(g)	11 08 31		29	e P	20 13 34	
	i Sg	37		29	e Pn	21 05 58	
25	e Pn	17 55 40			e S(g)	08 16	
	e Sg	58		29	e P	22 49 35	
25	i P(g)	20 28 10		30	e P(KP)	02 21 07	
	i Sg	15			e	24 38	
26	e Pn	02 54 50			i	43	
	i Sg	55 12			e	31 39	
26	e Pn	05 14 29		30	iiPg	08 06 59	
	e Sg	15 27		30	i P	08 19 26	C
27	i P	08 18 22,5	C	30	e P	23 24 17	
27	e P	09 08 37		31	e Pn	02 02 53	
27	i(PKP)	19 58 33		31	e P	02 24 52	
	i	39		31	e P	03 23 14	
28	e Pn	00 06 11		31	e P	06 51 36	
	e Pg	39		31	e P	07 06 53	
	e Sg	08 12		31	e P	08 47 08	
28	i P	01 22 12	C				
28	e P	02 46 25					
28	e P	05 21 38					
28	i PKP	19 44 21	D				
28	e P	19 55 5					

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TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:14-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) March 31 - April 7, 1967

31	e Pn	09 27 42	5	i PKP	02 47 23	C
31	e Pn	10 49 04		i	37	
31	e Pn	19 15 17		i	51 10	
31	i Pg	19 53 54	5	e(PKP)	03 01 07	
	i Sg	54 01		e	04 53	
31	e PKP	20 24 19	5	e	12 02 32.5	
	e	27 38		Seismic ?		
APRIL			5	e P	12 07 22.5	
1	eiP	06 06 11	5	i PKP	21 49 25	C
	i	08 59	5	e P	23 52 57	
1	e P	07 59 48		i(pP)	53 01	
	e(PP)	08 00 27	6	e P	02 46 08	
1	e	09 09 55	6	e P	06 29 37	
1	e	12 34 01	6	e Pn	07 57 49	
1	i P	12 35 28	6	e P	09 01 40	
1	i P	14 12 29	6	e P	09 18 48	
1	eiP	15 47 28	6	e PKP	12 35 12	
1	e P(KP)	17 27 39		e	39 00	
1	i P	17 33 03	6	i P	13 01 27	D
2	e Pn	00 30 58		e S	07 28	
2	e P	02 13 37	6	e P	23 40 53	
2	e Pn	16 40 20		e(S)	43 46	
2	e P	17 47 02				
3	e PKP	07 43 20				
3	e Pn	13 16 32				
3	e P	13 18 23				
4	e Pn	03 48 44				
4	e Pn	04 40 58				
4	i PKP	05 06 20	C			
4	e Pn	09 17 21				
	e	18 42				
4	e Pn	09 50 08				
4	e Pn	17 01 32				
4	e Pn	17 56 51				
4	i Pg	18 07 45	C			
	i	58				
	i Sg	09 02				

ADDITIONAL

MARCH

26 e P 22 59 52

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TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:15-67

WEEKLY SEISMOGRAM READING S
(KAS) April 7 - April 14, 1967

8	e P	20 26 40		13	e PKP	14 46 27	
8	e P	22 59 28		13	e Pn	17 32 13	
9	e P	00 19(03)		13	i P	20 05 27	C
	e(S)	22 32		14	e P(g)	01 20 21	
9	e P	01 19 48			i Sg	33	
	e(S)	22 01		14	i Pg	08 22 29	
9	e P	01 46 49	D		i Sg	35.7	
	e	48 35		ADDITIONAL			
9	iiPg	04 21 53.8		7	i Pn	17 08 21.6	D
9	i PKP	06 48 59	D		i	30	
	e	51 25			i Pb	34	
9	e P	09 15 45			i Sb	09 33	
19	e P	17 55 23		7	i Pn	17 40 58.5	D
9	e P	22 04 28			i Pb	41 12	
					i Sb	42 11	
10	e(PKP)	00 17 04		7	i Pn	18 34 38.1	
10	i Pg	01 56 27			i	46	
	i Sg	34			i(Pb)	53	
10	e P	04 35 47		7	i Pn	18 45 42	
10	e P	05 18 41			i Sb	47 01	
10	e P	06 38 14		7	i Pn	19 03 18	
10	e P	15 21 30			i Pb	32	
10	e P	17 07 40			i	58	
10	e P	20 09 38	D	7	i(Pn)	19 10 03	
	i	10 18		7	i P	19 50 16	
10	e	20 37 45		7	i Pn	21 26 29	
10	e P	20 49 19			i Pb	43	
					i Sb	27 49	
10	i P	21 23 03	D	8	i Pg	03 50 53	D
10	e P	23 43 35			i(Sg)	51 03	
11	e P	05 22 06		8	i P	05 53 47	
11	e P	11 42 44			i	50	C
11	e Pn	12 55 06			i	54 20	
					i	56 08	C
11	i P	19 22 07	C		i	12	C
					i	28	
12	e P	05 02 23			i	48	
12	e P	05 22 00			i	57 03	
12	e P	19 44 27		8	e P	07 13 46	
13	e Pn	08 07 58		8	e Pn	08 30 34	
					e Sb	31 53	
13	e Pn	08 36 26		8	e(Pn)	08 36 31	

Zeki Uz

Printed April 19, 1967

1 MAY 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

ATKARA

KASTAMONU
No:16-67

W E E K L Y S E I S M O G R A M R E A D I N G S

(KAS) April 14 - April 21, 1967

14	e Pn	09 30 25	17	e P	19 52 02	
14	e Pn	12 19 22	17	e Pn	21 39 39	
14	e Pn	12 31 47		e Pg	40 06	
14	e P	23 51 49	17	e Pn	22 07 14	
15	e P	01 01 01	17	e P	22 47 13	
15	e P	09 19 49	18	e P	02 21 04	
15	e	17 03 54	18	e Pn	06 30 11	
	Seismic?		18	e Pn	11 45 26	
15	e P	22 33 59		e Sg	58	
15	e P	23 46 59	18	e Pn	20 29 40	
16	e P	02 42 45	19	e Pn	00 52 08	
16	e P	07 49 26		e Sg	53 12	
16	e	10 05 01	19	i P	17 33 14	C
16	iP	10 22 02	20	i Pg	00 59 08	C
16	e Pn	11 06 19		i Sg	15	
	i Pg	48	20	e P	04 14 37	
	i Sn	07 19	20	e Pn	17 46 33	
16	e P	22 43 21	21	e P	08 28 00	
17	e P	11 18 43				
17	e PKP	11 37 29				
	e	40 51				
17	i P	18 04 32				C

Zeki Uz

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TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

8 MAY 1967

KASTAMONU
No:17-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) April 21 - April 28, 1967

No record between April 21 09 and
April 22,22

22	e P	22 20 48		25	e P	02 41 46	
23	e Pn	08 06 19		25	i P	10 38 02	C
	e Sg	07 24			i(pP)	11	
23	e P	11 03 05		25	e P	10 55 01	
23	e P	13 10 55		25	e	15 43 49	
23	i P	16 06 20	C		i P(KP)	55	
23	e P	18 28 04		26	e P	02 09 21	
23	e Pn	19 54 21		26	e P	06 54 48	
24	i P	08 57 20	C	26	e P	13 22 26	
24	e P	15 19 26		26	e(P)	14 55 26	
24	i P	15 22 28	C	26	e P	20 43 45	
24	eiP	16 27 21		27	e P	01 00 20	
24	i P	18 18 48		27	e P	08 08 01	
24	e	18 26 14		27	i P	12 43 04	D
25	e P	01 18 56		27	e P	20 53 09	
25	e Pn	01 39 58		27	i P	23 22 19	C
	i	40 31			i	30	
					e(FP)	23 51	
				28	e	08 43 47	

Seismic?

Zeki Uz

Printed May 4, 1967

15 MAY 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:18-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) April 28 - May 5, 1967								
28	e Pn	16 24 58	1	e Pn	14 40 25			
28	e Pn	16 43 15	1	e Pn	16 42 21			
28	e P	19 43 34	1	e P	20 53 48			
29	e Pn	00 17 33	1	e Pn	21 22 15			
29	i P	04 07 45	C	e Sg	57			
29	e P	07 33 51	2	e P	01 29 42			
29	e(PKP)	12 37 58	2	i P	10 02 02	C		
29	i P	12 50 42	2	e P	18 12 10			
29	e Pn	12 57 23	2	e Pn	19 31 51			
		56	3	i Pn	05 20 19	C		
29	e Pn	14 59 36	3	i P	11 08 29	D		
30	e P	07 48 14	3	e(P)	14 21 57			
30	i P	10 35 59	3	e Pn	18 00 53			
30	e P	14 03 38		i Sg	01 21			
30	e P	17 12(55)	3	e P	18 44 07			
				e S	(46(32))			
1 May	e Pn	00 55 26	4	e Pn	04 48 46			
	e Sg	56 55	4	e P	05 27 30			
1	e Pn	02 27 33	4	e Pn	08 04 36			
	i Sg	28 15	4	e P	08 14 18			
1	e Pn	07 11 22	4	e Pn	08 36 28			
	i	12 40	4	e Pn	08 48 46			
	i Sg	14 27	4	e P	09 38 38			
1	e P	09 50 04	4	e P	11 39 28			
1	e P	09 52 29	4	e P	13 33 28			
	e S	55(34)	4	e Pn	06 08 57			
1	e P	11 10 27	5					
1	i P	12 02 50	C					
1	e	12 37 27						
		Seismic?						
1	e	12 40 37						
		Seismic?						
1	e	12 44 29						
		Seismic?						

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Printed May 10, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Sismology Division

KASTAMONU
No:19-67

W E E K L Y S E I S M O G R A M R E A D I N G S

(KAS) May 5 - May 12, 1967

5	e P	14 52 17	9	e	12 44 44	
5	e P	17 18 14			Seismic?	
5	i P	17 50 30,5 C	9	e P	12 48 57	
6	e P	05 01 11	9	e	12 53 01	
6	i P	18 48 55 C			Seismic?	
	e(PP)	50 20	9	e P	12 55 54	
6	e P	19 59 58	9	e	12 57 27	
6	e P	23 51 47			Seismic?	
7	e Pn	00 21 39	9	e P	16 10 55	
7	e P	06 53 35	9	i P	20 33 01	C
7	i P(g)	19 32 40 D	9	i P	21 42 53	
7	i Pg	19 33 09		e(PP)	43 27	
7	i Pn	19 41 59,5 C	9	e Pn	23 14 52	
7	e Pn	19 58 43		e S(g)	16 00	
	e Sg	59 11	9	i Pg	23 41 32	D
7	e P	23 16 48		i Sg	48	
8	e P	08 33 22	9	e Pn	23 49 32	
8	e P	14 58 52	10	e P	13 07 47	
8	e Pn	18 53 44	10	e P	13 38 18	
8	eiP	19 04 51	10	e P	16 39 02	
8	e	21 04 47	10	e P	17 51 35	
8	e P	23 35 58,5	11	e Pg	10 49 40	
9	e Pn	02 41 49		e Sg	45	
9	e Pn	04 06 36	11	e P	11 02 30	
	i Pg	59	11	e P	13 36 16	
	i Sg	08 05	11	eiP	14 57 14	
	e lg(2)	21	11	e P	15 23 46	
9	e Pn	04 38 35	11	e P	15 23 46	
9	i P	06 26 49 D	11	e Pg	17 30 39	
	i	27 02		i Sg	43	
9	e P	07 28 15	11	i P(b)	19 24 04	D
9	e P	08 03 03		i Sg	13	
	e S	06(04)	12	e P	00 09 18	
9	e P	11 11 10	12	e P	06 33 29	
			12	e Pn	08 37 01	
				e Sg	51	

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Printed May 17, 1967

KASTAMONU
No:20-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) May 12 - May 19, 1967

12	e Pn i Sg	16 30 35 31 23	16	e P	19 46 29	
12	e P	17 11 06	16	e P	23 26 56	
12	e Pn	17 28 50	16	i P e	23 30 37,5 32 42,5	D
12	e Pg i Sg	18 01 38 56	17	e P	00 41 21	
12	e P	19 23 36	17	e Pn e Sg	02 02 42 03 33	
13	e P	05 31 16	17	e Pn e Pg e Sn e lg(1)	04 30 56 31 26 32 52 33 54	
13	e P	20 06 06				
14	e P	01 22 12				
14	e Pn	04 18 34	17	i P	07 23 43	C
14	e Pn	09 07 08	17	e P	10 01 37	
14	i Pg	13 16 21	17	i PKP	17 55 34	C
14	e P	14 51 27	17	e	18 42 46	
14	e P	16 13 01	17	e	21 53 22	
14	e Pn	23 00 33	18	i P	04 18 42	D
15	e Pn	00 18 01	18	e	06 15 56	
15	e P	00 25 45	18	e P e	11 34 19 37 06	
15	e P	02 39 47	18	i P	12 01 06	C
15	e	02 43 02 Seismic?	18	e P	13 52 30	
15	i P	02 46 57 C	18	i P	14 12 45	D
15	e Pn i Pg e Sg	08 15 05 47 17(35)	18	e P	23 33 14	
			18	i P e	23 50 53 53 42	D
No record between 11 00 and 16 00			19	e P	00 48 20	
16	i P	16 33 59 D	19	e P	05 28 59	
16	i P	19 37 12 D		i(pP)	29 07	

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Printed May 23, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

RASTAMONU
No:21-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) May 19 - May 25, 1967								
19	e Pn	09 19 13	22	e P	12 27 21			
	e Sg	55	22	e Pn	14 10 29			
19	e P(KP)	12 22 14,5	22	iiP(g)	16 49 24			
19	e P	13 10 49	22	e Pn	19 02 14			
19	e P	14 18 36	22	e Pn	19 47 26			
19	e P	15 58 20		e Sn	48 12			
	e	16 01 41		i l(gl)	38			
20	e P	03 04 19		i S(3)	58			
	i(pP)	30	22	e	21 03 23			
20	e Pn	04 00 19	No record between May 22 21 39 and					
	e Sg	50	May 23 05 27					
20	e P	08 53 25,5	23	e Pn	09 49 25			
20	e P	11 08 38		e Sg	50 56			
20	i PKP	13 21 14	D 23	e Pn	10 45 17			
20	e P	15 13 34	23	e P	15 45 13			
	e	17 30		i	23			
20	e PKP	21 53 14	23	e P	19 36(32)			
20	e Pn	23 23 41	23	e P	21 08 43			
21	e P	03 07 42	24	e P	01 47 28			
21	i P	18 56 30	C 24	e P	17 27 48			
	i pP	57 13		i	28 55			
	i	53	24	e Pn	20 05 34			
	i	59 20						
	e S	19 05 46	25	i Pn	03 36 07	D		
22	i Pn	11 43 40	25	i P	19 03 13	C		

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Printed June 1, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:22-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) May 26 - June 2, 1967								
26	i P	17 34 38		31	e Pn	16 39 03		
27	e P	02 00 04		31	i Pg	20 32 43		
27	i P	17 35 15	C		i Sg	49		
27	i P	19 12 36	C	1	June eiP	03 48 46		
28	i P	01 44 09	C	1	i Pn	10 40 48	D	
28	e P	04 14 26		1	e Pn	11 03(36)		
29	e Pn	05 01 29		1	e Pn	11 15 41		
29	e P	11 29 05		1	e Pn	11 32 32		
29	e Pn	19 06 27			i Pb	41		
29	e Pn	19 20 21			i S(b)	33 27		
29	e Pn	19 20 21		1	e Pn	13 16 09		
29	e P	21 13 25		1	e Pn	14 56 50		
	i	49						
29	e P	19 39 43		1	e Pn	17 52 43		
29	e P	22 14 54		2	e Pn	00 51 51		
30	i P	07 25 42	C	2	e P	04 35 10		
	i	44		2	e Pn	05 13 26		
30	e Pn	23 55 28		2	e P	06 42 30		

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TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No: 23-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) June 2 - June 8, 1967								
2	e Pn	17 02 34		7	e P	10 07 11		
2	e Pn	21 30 23		7	e P	10 17 46		
3	e Pn	07 33 13		7	e Pn	13 13 04		
	i Sg	57			i Pg	13		
3	i P	09 21 42	C		i Sg	14 04		
3	e Pn	11 09 38		7	e Pn	14 09 01		
	i Sg	10 30			e	13		
					i Sg	10 52		
3	e Pn	16 28 57		7	e Pn	15 56(49)		
4	i P	05 38 35	C		i Pg	57 03		
4	i P	06 35 29	D	7	e P	17 09 21		
4	i P	06 46 13	D	7	i P	18 27 30	C	
5	e P	01 41 03		7	e P	19 38 34		
	i	07		7	e P	22 40 34		
5	e P	05 52 02		7	e Pn	22 54 11		
5	e P	08 36 11			e Sg	55(02)		
5	i P	11 21 30	C	8	e P	03 20 29		
5	i P	13 58 05	C	No record between June 8, 04 and June 8, 07				
5	i P	16 50 23	C					
5	e P	18 09 15		8	e P	07 14 26		
5	e P	18 18 02		8	i(PKP)	12 14 49	C	
6	i P	09 59 51	C	8	e(PKP)	13 41 28		
6	e	16 13 17			e	44 58		
					i	45 06		
6	e P	18 51 05		8	e P	14 04 09		
No record between June 7 07 42 and June 7, 09 17				8	e P	23 27 14		

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Printed June 17, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

28 JUN 1967

KASTAMONU
No:24-67

W E E K L Y			S E I S M O G R A M			R E A D I N		
(KAS) June 9 - June 16, 1967								
9	e Pn	10 34 39		12	e P	05 33 47		
9	e(S)	11 13 40		12	e P	15 15 10		
9	e P	11 34 39		12	e P	18 15 14		
9	e Pn	14 51 14		12	e P	21 29 30		
9	i P	17 24 38	C	12	i P	23 24 36	C	
9	e Pg	19 22 45		13	e P	01 21 45		
	e Sg	23 02		13	e Pn	12 54 58		
9	e P	22 24 39			i Sg	55 51		
10	i P	05 45 45	C	13	e P	13 11 45		
10	e	05 56 10		13	e Pn	15 07 55		
10	e P	06 40 50		13	e P	22 41 45		
10	e P	13 25 43		13	e P	23 11 58		
10	e PKP	14 17 25		13	e P	23 37 05		
	i	27		14	i P	03 56 55	D	
	i	19 46		14	i P	05 25 56	D	
	i	20 10						
10	i PKP	14 25 55	C	14	i P	08 17 49	C	
	i	28 02		14	i P	08 24 53	D	
	i	26						
10	e P	18 16 04		14	e Pn	11 34 33		
11	e Pn	05 37 14		14	e P	15 21 48		
	e Sg	39 56		14	e P	15 47 39		
11	e Pn	07 03 13		15	i P	05 08 29	D	
11	i P	12 02 10	D	15	e Pn	09 00 41		
11	e P	15 34 08			e	01 15		
11	e Pn	17 17 49		15	e Pn	09 03 11		
	i Sg	18 54			i Sg	50		
11	e P	20 59 23		15	e Pn	14 57 53		
					i Pg	58 30		
12	e Pn	00 16 28			e Sg	59 54		
12	e Pn	00 21 14		15	e Pn	22 54 44		
	e Sg	23 19			i	46		
12	e P	01 08 44			e	50		
					e Sg	55 37		
12	e	01 21 05		16	e P	06 22 38		
12	e Pn	01 31 19						
	e Sg	33 49						
12	e Pn	02 53 16						
	i	24						
	e Sg	56 12						
12	e P	03 19 17						

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Printed June 24, 1967

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Printed June 24, 1967

KASTAMONU
No:25-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) June 16 - June 23, 1967

Erratum:

June 12 iP 23 24 36 should read
12 iP 23 34 36

16	i P	11 04 06	C	21	e P	14 42 05
16	e	11 10 37		21	i P	15 57 40
16	i	16 25 01		21	e P	16 24 24
		seismic?		21	e P	17 03 54
16	i P	20 31 50	C	21	e P	18 16 28
16	e Pn	22 46 06		21	e P	18 24 42
17	i Pb	01 32 51		21	e PKP	18 36 25
	i Sg	33 25		21	i P	19 29 13
17	e P	05 14 38		21	e PKP	20 28 13
	e	15 27		22	iiP	07 25 13
	e	18 29		22	e Pg	08 20 43
	i	19 11			i Sg	54
	i	57		22	e Pn	09 39 26
17	i Pg	05 30 01			i Sg	46
	i Sg	14		22	iiP	10 24 51
17	e P	09 58 18		22	i Pg	10 27 22
17	e Pn	19 24 19			i Sg	31
18	e Pn	02 49 02		22	i Pg	10 55 39
18	e Pn	05 30 18			i Sg	49
	e Sn	31 27		22	e PKP	11 09 43
19	i P	12 55 12	C	22	iiP	12 19 04
19	i P	14 39 32	C	22	e Pn	12 48 26
19	eiP	17 20 18			i Sg	36
19	e Pn	18 27 49		22	i Pg	13 45 44
20	e Pn	03 51 11			i Sg	53
20	e Pn	05 12 15		22	i Pg	15 10 42
20	i P(KP)	05 37 55	D		i Sg	51
20	i PKP	06 33 25		22	e(Sg)	15 49 04
20	e P	07 48 18		22	i Pg	17 59 58
20	eiP	07 51 20			i Sg	18 00 07
20	e	11 56 38		22	i Pg	18 19 16
20	e P	12 38 36			i Sg	25
20	e	15 15 45		22	e Pg	18 24 59
	i	16 08			i Sg	25 08
		seismic?		22	i Pg	22 31 05
					i Sg	14
20	e Pn	15 23 17		22	i Pg	22 36 30
20	e Pn	21 41 54			i Sg	39
	i Sg	43 05		23	e PKP	00 45 07
21	e Pn	04 49 28				

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Printed
June 29, 1967

KASTAMONU
No:26-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) June 23 - June 30, 1967								
23	iiP(g)	10 07 05		26	e Pn	01 14 28		
23	e Pg	10 16 53		26	e P	02 59(56)		
	i Sg	17 02		26	e P	09 28 24		
23	e Pg	10 18 23		26	i Pg	10 09 08		
	i Sg	32			i Sg	19		
23	e Pg	10 19 13		26	e Pg	10 44 33		
	i Sg	22			e Sg	41		
23	e Pg	11 14 06		26	e P	12 37 26		
	i Sg	15		27	iiP	01 06 10		
23	i Pg	12 45 31		27	e P	20 02 06		
	i Sg	40		27	e Pg	22 59 11		
23	e Pg	14 40 38			e(Sg)	21		
23	i P	14 57 10	D	27	eiP	23 18 16		
23	e Pg	18 08 07		28	i P	01 21 55	C	
	e Sg	16		28	e P	02 06 02		
24	e Pg	07 55 43		28	i P	05 53 40	C	
	i Sg	53			i pP	52		
24	e Pg	11 55 43		28	i P	14 53 41	D	
	i Sg	52		28	e P	19 28 53		
24	eiP	13 47 10		29	i P	03 03 26		
24	e Pg	15 48 27		29	e Pn	08 24 42		
24	e Pg	19 00 53			e Sn	26 05		
	e Sg	01 03		29	e(PKP)	09 45(24)		
24	e Pn	19 28 37		29	iiPg	13 28 45,4		
24	e	21 13 46		29	i Pg	13 29 25		
24	e P	21 16 06		29	i Pg	13 29 32		
	i pP	22		29	i Pg	13 30 09		
24	e Pg	21 40 36		29	i Pg	13 30 18		
	i Sg	45		29	iiPg	13 47 35,4 C		
25	e Pg	14 05 50		29	iiPg	13 47 42		
25	e P	14 38 11		29	e P(KP)	16 53 43		
25	i Pg	16 00 49	C	29	e P	18 10 10		
	i Sg	01 00		30	e Pn	04 25 08		
25	e P	21 39(48)			i Pg	27		
25	i Pg	22 20 48	C		i Sn	55		
	i Sg	21 09			i Sg	26 18		
25	e P	23 31 23						
	i(pP)	33						
	e	34 30						
Zeki Uz								

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Printe July 7, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:27-67

W E E K L Y			S E I S M O G R A M			R E A D I N G S		
(KAS) July 1 - July 7, 1967								
1	e Pn	02 15 16	3	i P	11 22 14	C		
1	e Pn	03 26 06	3	e Pn	22 49 33			
	e	24		e Sg	50 14			
1	eiPg	04 25 31	4	i Pg	00 38 17			
	i Sg	56	4	e P	14 35 52			
1	e Pg	06 45 30	4	eiP	23 53 35			
	i	39		i	54 16			
1	eiP	06 46 37		i	56 23			
1	e P	07 40 20	5	e P	00 55(51)			
1	i Pg	21 57 52	5	e	09 33 22			
	i Sg	58 01						
					Seismic?			
1	eiP	23 22 37	5	i Pg	11 41 45,5			
	e S	32(56)		i Sg	48			
2	e P	07 14 08	6	e P	05 18 00			
2	e P	07 50 26	6	eiP	13 54 58			
2	e P	08 39 22	6	e P	16 26 56	D		
	i	29	6	e P	19 05 00			
2	e Pn	16 28 03	6	e P	19 31 06			
2	i P	20 45 57	7	e P	02 25 50			
		D						
3	e P	02 56 32						
3	e	04 26 09						
					Zeki Hz			

Zeki Uz

Printed July 12, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTAMONU
No:28-67

W E E K L Y S E I S M O G R A M R E A D I N G S
(KAS) July 7 - July 14 , 1967

7	i P	10 00 50	D	10	e P	11 02 36	
7	e Pn	12 31 54		10	iPKP	12 13 12	C
7	eiP	13 40 59	cD		e	15 17	
7	e P	23 05 19		10	e P	19 30 59	
7	e P(n)	23 12 04		11	e	01 28 51	
8	e PKP	01 17 55		11	e	04 35 55	
	e	21 12		11	e P	13 35 55	
8	e P	10 21 13		11	e P	17 50 18	
	i(pP)	18			e	53 18	
8	i P	12 32 10	C	12	e	21 18 57	
8	i Pg	15 48 56		13	e P	01 11 09	
8	i P	15 51 59			i	20	
8	e Pn	20 59 36		13	e P	02 16 03	
9	e P	03 20 35		13	e Pn	14 41 17	
9	e Pn	03 27 26		14	e P	03 16 23	
9	e P	09 18 39					
9	e Pn	13 00 13					
9	e Pn	15 53 14					
9	e P	16 03 32.5					
	e	05 00					
9	i P	16 09 42	C				
10	e Pn	00 33 54					
10	e Pn	01 25 03					
	e S(n)	44					
10	e P	06 24 15					
10	eiP	06 48 05					
10	e P	10 31 13					

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Printed July 20, 1967

TECHNICAL UNIVERSITY OF ISTANBUL
Institute of Physics of the Earth
Seismology Division

KASTALONU
No:29-67

W E E K L Y S E I S M O G R A M R E A D I N G S

(KAS) July 14 - July 21,1967

14	e P	11 45 53	17	e P	16 52 55
14	e P	11 49 25	L7	e P	17 11 07
14	e P	18 46 26	18	e Pn	09 07 34
14	e P	19 19 25		i Pg	52
15	e P	03 33 25	19	P	13 00 _ P losts hour
			mark		
15	e P	14 53 14	20	i P	14 38 37 D
15	i P	17 22 50 C	20	i P	15 49 39 D
16	e P	13 48 04		e S	53 21
16	e P	21 31 03	20	e P	22 41 18
17	e P	12 48 01	20	i P	23 31 43 C
			21	e P	00 20 32

Zeki Uz

Printed July 21,1967

KASTAMONU
No: 30-67

WEEKLY SEISMOGRAM
(KAS) July 21 - July 28, 1967

READINGS

21 i P	13 05 25.6D	22 i P	20 15 43.50	22 i P	22 23 24
21 i P(n)	20 50 25.4	i	46.1	e S	55
22 i P	04 17 56.8C	i S	16 19	22 i P	22 30 05
22 i P	07 00 49.6D	22 i P	20 24 02	i S	40
22 iiP	16 57 33.4	i S	38	22 i P	22 44 23
No clear record till 18 20 and until 23d 04 h some readable records which are follow.		22 i P	20 36 24.30	i S	57
		ii	28.90	22 i P	22 45 41
		22 i P	20 44 09	i S	46 14
		i S	42	22 i P	22 51 20
22 i P	18 21 23	22 i P	20 45 26	22 i P	22 51 45
i	25	i S	46 01	22 i P	22 56 20
i S	57	22 i P	20 49 55	i S	54
22 iiP	18 26 34.8	i S	50 30	22 i P	23 00 01
22 e P	18 43 15	22 e P	20 52 17	i S	37
i S	47	e S	51	22 i P	23 43 44
22 i P	18 44 51	22 i P	20 57 23	i S	24 17
i S	45 26	e S	(58)	22 i P	23 27 03
22 i P	18 46 24	22 i P	21 01 31.8D	i S	37
22 i P	18 51 44	i S	02 03	22 i P	23 41 02
22 i P	18 54 03	22 i P	21 07 46	i S	37
i S	37	i S	08 18	22 i P	23 42 39
22 i P	18 56 24	22 i P	21 22 20.5	i S	43
i S	58	ii	22.5	ii	45
22 i P	19 00 19	22 i P	21 32 28	22 iiP	23 46 00
i S	53	i S	33 04	22 i P	23 49 18
22 i P	19 08 00	22 e P	21 39 43	22 i P	23 51 55
i S	34	i S	40 17	i S	52 30
22 i(P)	19 11 35	22 i P	21 41 14	22 i P	23 53 25
22 i P	19 19 12	i S	46	i S	54 00
i S	46	22 i P	21 43 53	23 i P	00 06 28
22 i P(g)	19 22 02	i S	42	e S	07 04
i(Sg)	38	22 i P	22 00 07	23 i P	00 13 47
22 e P	19 30 51	i S	42	i S	14 20
i S	31 24	22 i P	22 05 45	23 i P	00 16 42.3D
22 i P	19 34 41	e S	06(20)	i(S)	17 15
i S	35 17	22 i P	22 06 19	i	19
22 i P	19 38 09	i S	52	23 i P	00 20 09
i S	45	22 i P	22 09 17	i(S)	47
22 i P	19 56 33.5D	i S	51	23 i P	00 23 42
i S	46.6	22 i P	22 13 49	i S	24 16
22 i P	20 04 52.1	22 i P	22 14 23	23 i P	00 26 38.7D
i S	05 27	i S	45	23 i P	00 30 41
22 i P	20 07 20	22 i P	22 15 11	ii	44
i S	54	i S	42	23 i P	00 41 29
			19 16	i S	42 02

CONT'

WEEKLY SEISMOGRAM READINGS

KASTAMONU No: 30-67

23	i P	00 48 38	23	i P	04 04 22.2C	23	i P	08 48 04
	i S	49 11		ii	25.5D		i S	37
23	i P	01 01 45	23	i P	04 19 26	23	i P	08 56 52
	i S	02 19		i S	20 01		i S	57 28
23	i P	01 06 45	23	e P	04 26 05	23	i P	08 59 49
	i S	07 19		e S	38		i S	09 00 24
23	i P	01 12 23	23	i P	04 30 33	23	i P	09 00 26
	i S	56		i S	31 07		i S	01 02
	i	58	23	i P	04 49 33.0	23	i P	09 19 48
23	i P	01 17 01		i	36.1		i	49D
	i S	34		ii	38.9	23	i Pn	09 27 59 C
23	i P	01 34 17.2D	23	i P	04 58 06		i	28 02.5C
	i S	50		i S	40		i	04.5C
	i	54	23	i P	05 03 10		i S	39.8
23	i P	01 41 04		i S	43	23	i P	09 30 34.1C
	i S	40	23	i P	05 15 13		i S	31 10
23	i P	01 55 37		i S	47	23	i P	09 36 41.1c
	i S	56 12	23	i P	05 19 05.7D		i Pb	41.4
23	i P	02 01 07		i	06.9D		i(Pg)	44.9
	i S	41		i S	41		i	46.3
23	i P	02 02 10	23	i P	05 52 35		i Sb	37 17.8
	i S	44		i S	53 08		i Sg	22.0
23	i P	02 06 12	23	iiP	06 00 07		i(SgSg)	25.1
	i S	46		i S	44		$\Delta = 280 \text{ Km. ca.}$	
23	iiP	02 08 30.9C	23	i P	06 09 27.3C	23	i P	09 40 12
23	i P	02 12 19		i S	10 03		i S	48
	i S	54	23	i P	06 41 49	23	i P	09 43 51
23	iiP	02 15 44		i S	42 24		i S	44 27
23	iiP	02 17 16.0D	23	i P	06 43 23	23	i P	09 49 36
23	iiP	02 26 16.9D		i S	58		e S	50 12
	ii	21.7D	23	i P	06 48 36	23	i P	09 51 56
23	i P	02 40 31.6		i S	49 12		i S	51 30
	i S	41 05	23	i P	06 52 08	23	i P	09 54 53
23	i P	02 45 00		i S	44		i S	55 28
	i S	34	23	i P	07 07 59	23	i P	09 55 45
23	i P	02 57 13		i S	08 33		i S	56 21
	i S	47	23	i P	07 09 41	23	i P	10 03 51
23	i P	03 03 25		i S	10 17		ii	52.8C
	i S	04 00	23	i P	07 12 37.6		i S	04 29
23	i P	03 23 33		i S	13 12	23	i P	10 06 55
	i S	24 06	23	i P	07 38 20		ii	59 D
23	i P	03 26 37		i S	54		i S	07 37
	i S	27 11	23	i P	07 43 04	23	e P	10 26 18
23	iiP	03 37 18.0C		ii	08.1		e S	52
	i S	54	23	i P	07 56 27		e S	53
23	i P	03 47 57		i S	57 01	23	e P	10 31 56
	i S	48 32	23	i P	08 11 38		e S	32 22
23	e P	04 04 01		i S	12 12	23	e P	10 40 06
			23	e P	08 35 34		e S	41
				e S	36 07			

CONT'

WEEKLY SEISMOGRAM READINGS

KASTAMONU

No: 30-67

23	i P	10 42 10		23	i P	14 46 08	C	23	i P	18 15 25	
	e S	47			e S	41			i S	14 00	
23	e P	10 44 47		23	i P	14 49 30	D	23	i P	18 24 27	
	e S	45 22			i S	50 05			i S	25 05	
23	i P	11 23 20		23	i P	14 54 23.2D		23	i P	18 34 09	D
	i S	57			e S	56			i	43	
23	i P	11 29 04		23	i P	15 10 50			i S	44	
	i S	39			i S	11 25		23	i P	18 47 03	
23	i P1	11 41 53	D	23	i P	15 11 47	D		i S	38	
	i P2	54	D		i S	12 20		23	i P	18 57 50	
	i S1	42 29		23	i P	15 30 03			i S	58 26	
	i S2	31			i S	37		23	i P	19 03 51	C
23	i P	11 44 37		23	i P	15 38 54		23	e P	19 04 37	
	e S	45 13			e S	39 29			e S	05 11	
23	i P	11 47 57	D	23	i P	15 44 50		23	i P	19 10 16	
	i S	48 33			i S	45 24			i S	52	
23	i P	12 00 34	D?	23	e P	15 49 30		23	i P	19 15 33	
	i S	01 09			e S	50 03			i S	16 08	
23	i P	12 03 33		23	i P	15 57 49 ¹ / ₂		23	i P	19 25 32	
	i S	04 09			iiPb	53	D		i S	26 08	
23	i P	12 16 52	D		i S	58 27		23	i P	19 27 12	
	i S	17 27		23	i P	16 08 24			i S	47	
23	i P	12 34 44			i S	59		23	i P	19 34 26	
	i S	35 19		23	i S	16 16 37			i S	35 02	
23	i P	12 44 22		23	i P	16 27 57		23	i P	19 35 49	D
	e S	59			i S	28 32			i S	36 23	
23	i P	12 45 57		23	i P	16 30 23.9D		23	i P	19 37 54	
	i S	46 23			i S	57			i S	38 27	
23	i P	12 46 27			i	59		23	i P	19 42 16	
	e S	47(04)		23	i P	16 38 07	C		i	19	C
23	i P	13 10 35							i	21.4D	
	i S	11 11		23	i P1	16 59 58D			i S	47	
23	i P	13 45 23			i P2	17 00 01	D	23	ioP	20 09 44	
	e S	57			i P3	05	C		e S	10(20)	
23	i P	13 47 28.2D			i (S1	33		23	i P	20 24 59	
	i S	48 01			i S2	36			i S	25 33	
23	i P	13 48 22		23	i P	17 13 08		23	i P	20 39 30	
	i S	55			i S	43			i S	40 04	
23	i P	13 58 21		23	i P	17 13 26			i	09	
	iiPb	22.2D			i(S)	14 03		23	i P	20 58 53	
	i Pg	27		23	i P	17 20 31			i S	54	
	i Sb	55			i S	21 08			i S	59 28	
	i Sg	59 01		23	i P	17 29 16		23	i P	21 07 42	
23	i P	14 05 32	C		e S	51			i S	08 17	
	iiPb	37.4C		23	i P	18 02 54			i	22	
	iiSb	06 12			i	55	C	23	i P	(21 22 03	
23	e P	14 11 49			i	57	C		i S	36	
	e S	L2 23			i S	03 30		23	i P	21 51 42	
23	i P	14 27 46		23	i P	18 13 35			ii	44	D
	i S	28 20			i S	14 11			i S	52 18	

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WEEKLY SEISMOGRAM READINGS

KASTAMONU No:30-67

23 e P	22 15 30	24 i Pg	01 53 51.2D	24 i P	09 33 35 D
i S	16 07	i Sg	55.2	i	37 D
23 i P	22 16 32 C	24 i P	02 57 54	e S	34 11
i S	17 10	i S	58 29	i	15
23 e P	22 27 28	24 m P	02 59 19	24 i P	09 42 08
e S	28 03	i S	53	i S	45
23 i P	22 31 18	24 i P	03 02 09	24 i P	10 03 00
ii	20	i S	43	i S	34
i S	54	24 i P	03 10 50	24 i P	10 11 52
23 i P	22 55 52	i S	11 24	i S	12 28
i S	56 26	24 i P	03 11 57	24 i P	10 41 35
23 i P	23 03 11	i S	12 32	i S	42 12
i S	45	24 i P	03 40 15	24 i P	10 47 22
23 i P	23 07 40	i S	49	ii	24 C
ii	43 D	24 i P	03 41 06	i S	48 00
i S	08 15	iiPb	09	24 e P	10 52 24
23 i P	23 10 27	i Sb	42	i	26
i S	11 03	i Sg	48	iiPb	28
23 i Pn	23 19 55 D	24 i P	04 04 54	iiLi	53 00
i	58.3D	i(S)	05 33	i Sb	04
i	20 00.3D	24 i P	04 24 40	i Sg	09
i	01.0D	i S	25 18	24 i P	11 20 15
i S	36	24 i P	04 48 09	i S	51
23 i P	23 22 46.4D	i S	45	24i P	11 22 33
i S	23 18.6	24 i P	05 08 27 D	ii	35
23 i P	23 46 12	i	28	iiS	23 12
ii	14	i S	09 04	24 iiP	11 23 23
23 i P	23 59 04	24 i P	05 15 40 D	ii	24 00
i S	37	ii	42 D	24 i P	11 38 39
24 i P	00 04 39	ii	52	i	41
i S	05 13	i S	16 15	i S	39 17
23 i P	00 13 00	24 i P	06 19 05	24 i P	11 41 19 C
i S	35	i S	40	i S	55
24 i P	00 14 24	24 i P	06 29 03	24 e P	11 55 58
i(S)	15 02	i S	39	i S	56 33
24 i P	00 21 04 D	24 i(P)	06 49 13 D	24 i P	12 07 40
i S	39	24 i P	06 49 31 D	i S	08 16
24 i P	00 50 58 D	i S	50 05	ii	08 D
e	51 40	24 i P	06 58 58	iiS	45
24 i P	01 02 08	i S	59 34	24 i P	12 28 40
i(S)	42	24 i P	07 34 04	i S	29 15
i	44	i S	40	24 i P	12 49 21 D
24 e P	01 04 42	24 i P	07 38 26	i S	56
i	43	i S	59	24 i P	13 17 57
i	44	24 i P	08 02 53 C	i S	18 33
i S	05 19	i S	03 26	24 i Pb	13 19 31 D
24 i P	01 09 28	24 i P	08 08 14.7	i Sb	20 06
i S	10 05	ii	18.4	i Sg	10
24 i P	01 51 48	iiS	52		
i S	52 23				

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WEEKLY SEISMOGRAM READINGS

KASTAMONU No:30-67

24	i P	13	58	41	24	i P	19	46	46	25	i P	03	36	03	
	i S		59	17		e S		47	40		ii		04		D
24	i P	14	05	35	24	i P	20	11	24		i S		38		
	i S		06	07		i S			59	25	i P	04	02	37	
				10	24	i P	20	18	31		e S		03	13	
24	i P	14	18	34		i S		19	06	25	e P	04	15	31	
	i S		19	10	24	i P	20	24	57		e S		16	05	
24	e P	14	24	26		i S		25	33	25	e P	04	37	33	
	e S		25	02	24	i P	20	27	32		e S		38	09	
24	e P	14	29	40		i S		28	07	25	e P	04	45	43	
	e S		30	15	24	i P	21	08	57		e S		46	19	
24	e P	14	37	40		i S		09	33	25	i P	04	47	56	
	e S		38	15	24	i P	21	19	20		i S		48	30	
24	i P	14	43	27		i S			23	25	i P	05	50	11	
	e S		44	01		i S			57		i S		15		C
24	i P	14	48	07	24	e P	22	21	01		i S		46		
	i S			43		e S			37	25	i P	05	24	56	
24	i P	14	51	41	24	i P	22	44	53		i S		25	34	
	i S		52	17		i S		45	28						
24	i P	15	01	44	24	i P	22	55	03		i P	06	06	28	
	e S		02	18		i S			37		i(S)		07	03	
24	i P	15	46	49		i S			39		i		05		
	i S		47	26	24	e P	23	08	53	25	i P	06	41	53	
24	i P	16	04	54		e S		09	28		i		42	55	D
	i S		05	30	24	i P	23	37	02		i		31		
24	e P	16	39	22		i S			36	25	i P	07	26	03	C
	e S			56	24	i P	23	58	56		e S		39		
24	i P	16	41	02		i S		59	30	25	i P	07	28	51	
	i S			38	25	i P	00	23	40		e S		29	29	
24	i P	17	05	15		i S		24	15	25	i P	08	13	09	
	i S			49	25	i P	00	30	15		e S		43		
24	i P	17	56	25		i(S)			48	25	e P	08	18	23	
	i S		57	00					50		e S		58		
24	i P	18	03	04	25	e P	01	06	42						
	i S			39		i S		07	17	25	i P	08	20	25	
24	i P	18	26	13		i P	01	47	08		i S		21	00	
	e S			46	25	i S			43	25	i P	08	26	26	
24	i P	18	30	46		i P	01	57	04		i S		27	01	
	i S		31	21		i S			40	25	i P	08	37	18	
24	e P	18	36	22		i			43		i S		52		
	e S			57	25	i P	02	11	48						
24	i P	18	46	25		ii			49		e	08	39	09	
	i S		47	01		i S		12	13		i		40	12	
24	i P	18	47	41	25	e P	02	58	59				25		
	i S		48	16		i S		59	02		i P	09	01	24	
24	i P	18	54	27		i S			36		i S		58		
	i S		55	00	25	i P	03	14	57	25	i P	09	04	51	
24	e P	19	39	41		i S		15	33		i(S)		05	24	
	e S		40	16	25	i P	03	34	10		i		26		
						i S			44		i S	09	12	21	
													57		

CONT

WEEKLY SEISMOGRAM READINGS

KASTAMONU

No:30-67

25 e P	0918 03		25 i P	16 10 22	D	25 i P	23 39 48	
25 i P	09 38 43		25 i P	16 18 09		e S	40 22	
i S	39 16		e S	43		25 i P	00 31 18	
25 i P	09 51 10	D	25 i P	16 24 29		i S	53	
i S	44		ii	30		26 i P	00 38 22	
i	46		i S	25 06		e S	48	
25 i P	10 35 27		i	09		26 e P	01 03 41	
i S	36 03		25 i P	16 47 46	D	ii	44	
25 i P	10 56 33	D	i S	48	C	i S	04 17	
i S	57 08		i S	48 21		26 i P	01 07 29	
25 i P	11 05 21	D?	i	24		i S	08 05	
i	28	C	25 i P	16 52 37	D	25 i P	01 21 36	
i(S)	06 42		i S	53 11		i S	22 11	
25 i P	11 12 22		25 e P	16 58 14		26 i P	01 44 22	
i S	57		i S	49		i S	59	
25 i P	11 41 57		i	52		26 i P	02 43 00	
ii	59		25 i P	17 34 56		e(S)	35	
iiS	42 33		i S	35 30		e	40	
25 i P	12 10 35		25 i P	17 38 15		26 i P	02 45 38	
ii	40	D	i S	50		i	46 11	
i S	11 09		25 i P	18 16 01		i S	14	
25 i P	12 31 08		i S	36		26 i P	03 08 50	
i	10		25 e P	19 36 03		i S	09 26	
i S	44		i	05		26 i P	04 00 38	D
25 i Pn	12 35 02	D?	i S	39		i S	01 23	
i	03	C	25 i P	19 43 37	D	26 i P	04 17 00	
i(Sn)	36 20		e(S)	44 12		i S	36	
25 i Pn	12 40 53		25 i P	19 59 01		26 i P	04 18 21	
i Sn	42 03		i S	36		e S	56	
25 i P	13 05 26		25 i P	20 12 37	D	26 i P	04 27 18	
25 i P	13 14 04		i S	13 11		i S	53	
e S	38		25 i P	20 22 21		26 i P	04 35 10	
25 i P	13 15 04	D	i S	55		i S	46	
i S	38		25 i P	20 42 17		26 i P	04 39 50	
25 i P	13 42 42		i S	52		i	40 26	
i S	43 17		25 i P	20 55 36		26 i P	05 48 27	
25 i P	14 44 39		i S	56 10		i S	49 02	
i(S)	45 11		25 i P	20 56 42	C	26 i P	05 59 44	D
25 i(P)	14 44 45		i(S)	57 16		ii	46	C
i(S)	45 17		25 i P	20 56 48	C	iiS	06 00 22	
25 i P	14 53 53		i S	57 16		26 i P	06 16 44	
i S	54 25		25 i P	20 56 48	C	i(S)	17 25	
25 i P	14 56 23		i S	57 24		CONT		
i	55		25 i P	21 52 09				
i(S)	58		e(S)	44				
25 i P	15 11 26		25 i P	22 36 03				
i S	59		e S	39				
25 i P	15 59 19		25 i P	22 47 30				
e(S)	53		i S	48 05				

WEEKLY SEISMOGRAM READINGS KASTAMONU No:30-67

26	i P	0637 59		26	i P	15 18 13	27	i P	09 01 28
	i S	38 35			e(S)	48		i S	02 03
26	i P	06 51 03	D?	26	i P	15 50 50	27	e P	09 11 14
26	i P	07 23 39			i S	51 27		e S	49
	i S	24 14		26	i P	16 12 17	27	e P	09 18 16
26	i P	09 08 08	C		i S	51		e S	50
	ii	09	C	26	e P	17 01 43	27	e P	09 15 47
	i S	44			i	45		i S	16 22
26	i Pn	09 16 43			i	02 17	27	i P	09 52 05
	ii	47			i S	20		i S	39
	iiS	17 19		26	i P	18 18 26	27	i Pg	11 12 22
	ii	22			i(S)	19 06		i Sg	37
26	i P	09 42 47		26	i P	18 43 50	27	i P	11 32 54
	i S	43 21			i S	44 25		i S	33 29
26	i P	09 44 57		26	i P	18 54 21.2	27	i P	11 43 04
	i S	45 31			ii	29.7D		i S	38
26	i P	10 01 34	D	26	i P	20 05 49	27	i(P)	12 12 20
	i S	02 09			i S	06 24			U
26	i P	10 08 06		26	i P	21 00 06	27	e P	12 56 19
	i S	40			i(S)	46		e S	55
26	i P	10 09 40		26	i P	21 48 08	27	e P	14 27 49
	i S	10 15			i S	42		e S	28 23
26	i P	10 14 30		26	i P	22 24 04	27	e P	16 10 11
	i S	15 05						e S	46
26	i P	10 22 03		27	i P	00 33 07	27	e P	17 14 50
	i S	38			i S	43		e S	15 25
26	i P	10 54 35	D	27	i P	01 44 45	27	e P	17 42 13
	i S	55 09			i	47		e S	47
26	iiP	11 00 45		27	i P	02 17 04	27	e P	20 29 27
	iiS	01 19			i S	39		e S	30 01
26	i P	11 07 57		27	i P	02 51 04	27	i P	23 05 31
	e S	08 24			i S	39		i S	06 07
26	e P	11 12 34		27	i P	04 10 25	27	i P	23 17 58
	e S	13 14			e S	11 01		ii	18 02
26	i P	11 52 20		27	i P	04 37 57		iiS	38
	i S	55			e S	38 33	27	e P	23 22 51
26	i P	12 00 27		27	e P	06 35 20		e S	23 25
	i S	01 02			e S	55	27	e P	23 29 02
26	i P	12 14 57		27	iiP	07 15 05		e S	39
	i S	15 32			i S	40	28	i P	00 02 25
26	i P	12 43 10	D	27	i P	07 29 13		i S	03 01
					i S	50	28	e P	02 00 22
26	i Pg	12 45 25.2D		27	i P	07 59 37		e S	01 00
	i	26.6C			i S	08 00 11	28	e P	02 09 57
	i Sg	40						e S	10 34
26	i P	13 42 04		27	i P	08 34 50	28	e P	02 25 11
	i S	39			i S	35 25		e S	47
26	i P	14 53 15		27	e P	08 53 04			
	i S	50			e S	38			
26	i P	15 15 28							
	i S	16 02							

CONT'

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WEEKLY SEISMOGRAM READINGS KASTAMONU NO:30-67

28 e P	02 42 27
ii	30
i(S)	43 10
i	13
28i P	04 52 53
i S	53 27
28 i P	05 53 24
i S	54 00
28 i P	07 11 46
i S	12 19
28 e P	07 45 15
i S	51
28 i P	08 08 47
e S	09 22
28 i P	08 45 49
i S	46 23

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A. S. Kesili