

SEISMOLOGICAL BULLETIN OF
INSTITUTE OF GEOPHYSICS
TEHRAN UNIVERSITY, IRAN

12 JUN 1968

Lat. 35° 44' 16" N. a = + 0.50773
Long. 51° 23' 08" E. b = + 0.63570
Height 1360 M. c = + 0.58146

JANUARY 1967

- | | | | | | |
|----|---|--|---------------------------|---------------|--|
| 1. | ePZ | 07 25 10 | S.H. | <u>USCGS:</u> | H: 00 04 02.7 h: 35 Km.
41.8N., 143.3 E.,
Hokkaido, Japan Region.
Mag. = 5.5 (CGS). |
| 2. | ePZ
eSNE
D = 2700 Km. | 08 24 50
29 22 | S.H.
G. | | |
| | <u>USCGS:</u> | | | | |
| | | H: 08 19 32.8 h: 20 Km.
32.2 N., 22.7 E.
Near Coast of Libya.
Mag. = 4.5 (CGS). | | | |
| 2. | iP ₁ Z
eiP ₂ Z
eiSNE
D = 580 Km. | 13 51 24.5
40
52 10.0 | C. S.H., G.
S.H.
G. | | 8. ePZ 06 54 52 C. S.H.
D = 8000 Km.
<u>USCGS:</u>
H: 06 43 32.3 h: 44 Km.
56.1 N., 162.8 E.
Near Coast of Kamchatka.
Mag. = 4.9 (CGS). |
| | <u>USCGS:</u> | | | | |
| | | H: 13 50 06.2 h: 40 Km.
30.6 N., 50.4 E.
Iran.
Mag. = 5.2 (CGS). | | | 8. ePZ 08 43 22 C. S.H.
D = 8000 Km.
<u>USCGS:</u>
H: 08 31 59.7 h: 24 Km.
56.2 N., 162.7 E.
Near East Coast of Kamchatka.
Mag. = 4.9 (CGS). |
| 3. | ePZ | 12 04 (28) | S.H. | | |
| 4. | ePZ | 06 04 08 | S.H. | | 9. ePN 01 57 48.8 S.H.
eSNE 59 09 G.
D = 933 Km. |
| 5. | ePZ
ePPPZ
eSN
eiPcPZ
D = 1940 Km. | 10 12 04
27
15 24
16 39.5 | S.H.
S.H.
G.
G. | <u>USCGS:</u> | H: 01 55 13.6 h: 17 Km.
27.7 N., 54.5 E.
Southern Iran
Six injured, moderate damage
at Lar.
Mag. = 5.3 (CGS). |
| | <u>USCGS:</u> | | | | |
| | | H: 10 07 58.3 h = 11 Km.
39.4 N., 72.9 E.
Kirgiz S.S.R.
Mag. = 5.3 (CGS). | | | 11. ePZ 06 05 29 S.H.
eSEN 14 46 G.
D = 8100 Km. |
| 5. | ePN | 19 06 10 | S.H. | <u>USCGS:</u> | H: 05 54 06 h: 23 Km.
0.1 S., 120.1 E.
Northern Celebes.
Mag. = 5.6 (CGS). |
| 6. | ePN | 00 05 54 | S.H. | | |
| 6. | eiPZ
esPPZN
ePPPZN
eSN
D = 7640 Km. | 00 15 05
17 54
19 13
24 13 | C. G.
G.
G.
G. | | 11. ePZ 11 22 00 G.
eS ₁ N 23 08 S.H.
eS ₂ N 27 S.H. |

D = 830 Km.

USCGS:

H: 11 20 45.7 h: 34 Km.
34.1 N., 45.7 E.
Iran-Iraq border region.
Mag. = 5.6 (CGS).

12. ePN 18 17(00) S.H.
eSNE 18 42 G.

USCGS:

H: 18 14 20 h: 33 Km.
28.0 N., 54.5 E.
South Iran.
Mag. = 4.9 (CGS).

14. ePN 02 20(48) S.H.
e(S)NE 22 41 G.

15. ePN 00 05 04 S.H.
eSEN 06 35 G.
D = 830 Km.

USCGS:

H: 00 03 14.3 h: 33 Km.
29.7 N., 51.3 E.
Southern Iran
Mag. = 4.7 (CGS).

15. eiPZ 19 43 56.0 C. S.H.
e(S)NE 45 40 G.

15. ePZ 20 06 56 S.H.
eSE 13 32 G.
eScSN 13 44 56 G.
D = 4900 Km.

USCGS:

H: 19 58 45.6 h: 32 Km.
55.7 N., 110.7 E.
Lake Baikal Region.
Mag. = 5.1 (CGS).

15. ePZ 22 22 16 S.H.
Trace of Local Shock.

16. ePZ 14 50 33 S.H.
D = 8040 Km.

USCGS:

H: 14 39 09.0 h: 42 Km.
5.8 N., 123.5 E.
Mindanao, Philippine Islands.
Mag. = 5.2 (CGS).

16. ePZ 16 26(08) S.H.

17. iPZ 01 23 49.5 D. S.H.
ePPZ 27 48 S.H., G.
epPZ 28 00 G.
epPPZ 29 40 S.H., G.
ePPPZ 30 24 G.
esPPZ 42 G.
eSKSE 32 00 G.

D = 13930 Km.

USCGS:

H: 01 07 54.3 h: 590 Km.
27.4 S., 63.3 W.
Santiago Del Estero Prov.,
Arg.
Mag. = 5.5 (CGS), 6½ (PAS),
4.8 - 5.2 (BRK).

17. ePZ 04 46 25 S.H.

17. ePZ 04 53 01 S.H.
e(B)N 54 15 G.

17. iPZ 12 10 41.0 D. G.
esPZ 55 G.
ePcPZ 11 04 G.
ePPZ 13 04 G.
eSE 19 44 G.
D = 7780 Km.

USCGS:

H: 11 59 31.5 h: 44 Km.
38.3 N., 142.1 E.
Near Coast of Honshu, Japan.
Mag. = 5.9 (CGS), 6½ (PAS),
6.5 (BRK), 5.9 (CGS surface
wave).

18. iPZ 05 43 32.8 D. S.H.
ePPZ 45 29 S.H., G.
eiSNE 50 44 G.
D = 5610 Km.

USCGS:

H: 05 34 32.6 h: 11 Km.
56.6 N., 120.8 E.
Eastern Russia Felt at Chita.
Mag. = 6.1 (CGS), 6½ - 6¾
(PAS), 6.5 (BRK).

18. eiPZ 08 30 58.5 C. S.H.
eiPcPZ 31 03.5 S.H.
ePZ 13 S.H.
eSKSNE 41 21 G.
eSNE 32 G.
D = 9530 Km.

	H: 08 18 22.0	h: 37 Km.		
	52.5 N., 168.3 W.			
	Fox Islands, Aleutian Islands.			
	Mag.= 5.7 (CGS), 6 (PAS), 5.5 - 5.7 (BRK).			
18.	ePZ	10 41 17	S.H.	
18.	ePZ	17 40 14	S.H.	
18.	ePZ	21 56 56	S.H.	
	D = 4400 Km.			
	<u>USCGS:</u>			
	H: 21 49 25.8	h: 33 Km.		
	48.1 N., 102.9 E.			
	Mongolia, Felt in Lake Baikal Region.			
	Mag.= 5.2 (CGS).			
19.	eP'Z	12 57 19	S.H.	
	epP'Z	53 05	G.	
	D = 14220 Km.			
	<u>USCGS:</u>			
	H: 12 38 31.5	h: 156 Km.		
	11.8 S., 166.4 E.			
	Santa-Cruz Islands.			
	Mag.= 5.5 (CGS).			
19.	eP'Z	12 59 22.3	G.	
	ePPEN	13 01 31	G.	
	D = 14550 Km.			
	<u>USCGS:</u>			
	H: 12 40 12.6	h: 18 Km.		
	14.8 S., 173.3 W.			
	Fiji Islands Region.			
	Mag.= 6 $\frac{3}{4}$ (PAS), 6.8 (CGS surface Wave).			
19.	iPZ	14 54 9.3	C. S.H.	
	D = 9480 Km.			
	<u>USCGS:</u>			
	H: 14 41 37	h: 55 Km.		
	52.4 N., 169.6 W.			
	Fox Islands, Aleutian Islands.			
	Mag.= 5.2 (CGS).			
20.	ePZ	02 04 53	S.H.	
	iPZ	55.5	C. S.H.	
	eiSNE	10 50.0	G.	
	D = 4400 Km.			
	<u>USCGS:</u>			
	H: 01 57 23.1	h: 33 Km.		
	48.0 N., 102.9 E.			
	Mongolia.			
	Mag.= 6.1 (CGS), 6 $\frac{3}{4}$ (PAS), 6.8 - 7.2 (BRK).			
20.	ePZ	05 20 17	S.H.	
21.	eP'Z	03 13 (52)	S.H.	
	D = 17330 Km.			
	<u>USCGS:</u>			
	H: 02 54 00.8	h: 33 Km.		
	49.8 S., 114.8 W.			
	Easter Island Cardillera.			
	Mag.= 5.3 (CGS).			
23.	ePZ	13 19 57	S.H.	
	Minar Trace.			
23.	ePZ	13 51 49	S.H.	
	Trace of Local Shock.			
23.	iPZ	18 17 22.2	D. S.H.	
	eiSN	39.5	S.H.	
24.	eiPZ	03 16 28.0	C. S.H.	
	D = 7450 Km.			
	<u>USCGS:</u>			
	H: 03 05 39.0	h: 69 Km.		
	41.4 N., 141.9 E.			
	Hokkaido, Japan Region.			
	Mag.= 5 $\frac{1}{4}$ (PAL), 5.7 (CGS).			
24.	ePZ	09 41 00	S.H.	
	ePcPZ	12	S.H.	
	eSNE	50 53	G.	
	D = 8490 Km.			
	<u>USCGS:</u>			
	H: 09 29 12.3	h: 33 Km.		
	0.6 S., 21.0 W.			
	Central Mid-Atlantic Region.			
	Mag.= 4.9 (CGS).			
24.	ePZ	13 42 45	S.H.	
	e(S)EN	44 12		
25.	iPZ	01 53 55.8	C. S.H.	
	eiPZ	34 20	G.	
	esPZ	55 02	G.	
	eiSPPE	12	G.	
	eiSNE	56 56.0	G.	
	eiPcPZ	58 26.0	G.	
	eScPZ	02 01 22	G.	
	ePcSN	35	G.	
	D = 1940 Km.			
	<u>USCGS:</u>			
	H: 01 50 19.4	h: 281 Km.		
	36.6 N., 71.6 E.			
	Afghanistan-USSR Border Region, Felt Widely.			
	Mag.= 5.7 (CGS).			
28.	ePZ	01 50 (29)	S.H.	

28. iPZ 14 05 32.5 C. S.H.
 iPcPZ 36.5 S.H.
 eSKSN 15 55 G.
 eiSNE 16 06.5 G.

USCGS D = 9500 Km.
 H: 13 52 58.3 h: 47 Km.
 52.4 N., 169.5 W.
 Fox Islands, Aleutian Islands,
 Felt on Umnak Island.
 Mag. = $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAS), 6.3 - 6.7
 (BRK), 6.7 (CGS Surface Wave).

28. eiPZ 16 43 58.0 C. S.H.

USCGS D = 9600 Km.
 H: 16 31 21.1 h: 32 Km.
 52.3 N., 169.3 W.
 Fox Islands, Aleutian Islands.
 Mag. = 5.6 (CGS).

28. ePZ 17 32 13 S.H.

USCGS D = 9620 Km.
 H: 17 19 32.7 h: 41 Km.
 52.3 N., 169.5 W.
 Fox Islands, Aleutian Islands.
 Mag. = 4.7 (CGS).

23. eiPZ 17 54 35.5 C. S.H.

eiSKSNE 18 05 10.5 G.
 eiSNE 22.5 G.
 D = 9540 Km.

USCGS:
 H: 17 42 01.5 h: 50 Km.
 52.4 N., 169.4 W.
 Fox Islands, Aleutian Islands.
 Mag. = 6 (PAS), 5.6 (CGS).

29. iPZ 03 56 17.7 C. S.H.

eSNE 58 08 G.
 D = 1080 Km.

USCGS:
 H: 03 53 58.8 h: 42 Km.
 26.5 N., 55.3 E.
 Southern Iran.
 Mag. = 5.1 (CGS).

29. ePZ 07 08 18 S.H.

D = 1070 Km.

USCGS:
 H: 07 06 00 h: 58 Km.
 26.7 N., 55.3 E.
 Southern Iran.
 Mag. = 4.9 (CGS).

29. ePZ 07 14 22 S.H.

D = 1055 Km.
USCGS H: 07 12 05 h: 33 Km.
 26.5 N., 55.3 E.
 Southern Iran.
 Mag. = 4.7 (CGS).

29. eiPZ 07 15 54.5 D. S.H.
 e(S)NE 17 44 G.

29. ePZ 07 58 53 S.H.
 eSZ 08 00 35 S.H.

D = 1030 Km.
USCGS H: 07 56 39.2 h: 38 Km.
 26.5 N., 55.2 E.
 Southern Iran.
 Mag. = 5.2 (CGS).

29. ePZ 17 22 40 S.H.
 Trace.

30. iPZ 01 22 27.1 D. S.H.

eSE 23 49 S.H.
 D = 880 Km.

USCGS:
 H: 01 20 31.7 h: 33 Km.
 41.0 N., 44.2 E.
 Western Caucasus, Felt at
 Tablisi.
 Mag. = 5.0 (CGS).

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Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63570
Height 1360 M. C = + 0.58146

FEBRUARY 1967

1. eIPZ 01 09 39.5 S.H.
eSN 11 35 G.
D = 1070 Km.

USCGS:

H: 01 07 19.2 h = 19 Km.
26.7 N., 55.3 E.
Southern Iran.
Mag. 5.0(CGS).

1. ePZ 08 56 42 S.H.
Local Shock.

2. eP'Z 06 44 (17) S.H.
D = 12500 Km.

USCGS:

H: 06 25 49.8 h = 81 Km.
57.9 S., 25.7 W.
South Sandwich Islands Region.
Mag. 5.8(CGS).

2. ePZ 07 42 21 S.H.
eSE 46 03
D = 2160 Km.

USCGS:

H: 07 37 54.9 h = 39 Km.
39.7 N., 75.5 E.
Southern Sinkiang Prov, China.
Mag. 5.3(CGS)

2. ePZ 16 35 10 S.H.,G.
eSNE 43 47 G.
D = 7350 Km.

USCGS:

H: 16 24 39.1 h = 176 Km.
41.6 N., 139.7 E.
Hokkaido, Japan Region.
Mag. 5.4(CGS).

3. ePZ 11 18 00 S.H.
eSNE 26 G.

3. ePZ 12 58 21 S.H.
ePPZ 13 01 07 S.H.
eSE 06 42 G.
D = 7680 Km.

USCGS:

H: 12 48 09.2 h = 560 Km.
5.6 S., 110.5 E.
Java Sea.
Mag. 5.4(CGS).

4. ePZ 18 00 50 S.H.
Trace.

5. ePZ 19 07 10 G.
D = 8000 Km.

USCGS:

H: 18 55 45.1 h = 19 Km.
5.4 S., 11.4 W.
Ascension Island Region.
Mag. 5.2(CGS).

7. ePZ 08 41 18 S.H.,G.
eSE 51 32 G.
D = 9410 Km.

USCGS:

H: 08 28 57.9 h = 138 Km.
13.9 N., 144.8 E.
Mariana Islands, Felt on Guan.
Mag. 5.4(CGS), 5.7(BRK).

7. ePZ 13 33 10 S.H.
Local Shock.

7. ePZ 15 5 58 S.H.

7. ePZ 15 05 44 S.H.
D = 9440 Km.

USCGS:

H: 14 53 13.9 h = 67 Km.
56.7 N., 157.2 W.
Alaska Peninsula.
Mag. 5.6(CGS), 4.4(BRK).

9. ePZ 14 13 46 G.
eSNE 18 08 G.
D = 2790 Km.

USCGS:

H: 14 08 18.7 h = 3 Km.
40.0 N., 20.3 E.
Greece - Albania Border Region,
Slight damage,
Mag. 5.6(CGS).

9. ePPZ 15 44 47 G.
D = 13060 Km.

USCGS:

H: 15 24 47.2 h = 58 Km.
2.9 N., 74.9 W.
Colombia.
100 Killed, many injured. Major
damage at Compoale, Guacamaya and
Neiva Felt at Iquito, peru and Quito
Quito, Ecuador.
Mag. 6.3(CGS), 6 3/4(PAS) 7.3-7.5(
(BRK), 7-7 1/4(PAL).

11. ePZ 04 24 25 G.

11. ePZ 08 08 30 S.H.

11. ePZ 09 35 24 S.H.
eSE 41 45 G.
D = 4670 Km.

USCGS:

H: 09 27 29.6 h = 5 Km.
52.0 N., 106.2 E.
Lake Baikal Region, Felt at
Ulan ude.
Mag. 4.7(BRK), 5.4(CGS).

11. ePZ 15 19 26 G.
D = 600 Km.

USCGS:

H: 15 18 06.3 h = 42 Km.
30.5 N., 50.7 E.
Iran.
Mag. 5.0(CGS).

12. ePZ 12 03 17 S.H.
D = 9390 Km.

USCGS:

H: 11 50 50 h = 33 Km.
42.6 S., 83.8 E.
Mid - Indian Rise.
Mag. 5.4(CGS).

12. ePZ 16 10 28 S.H.
D = 1780 Km.

USCGS:

H: 16 06 48 h = 100 Km.
35.8 N., 71.0 E.
Hindu Kush Region.
Mag. 5.2(CGS).

12. ePZ 16 47 45 G.
D = 770 Km.

USCGS:

H: 16 46 04 h = 33 Km.
30.3 N., 50.3 E.
Iran,
Mag. 4.6(CGS).

13. ePZ 10 33 53 S.H.
eSN 34 20 S.H.

13. ePZ 23 24 29 S.H.
ePPZ 26 36 S.H., G.
eSN 32 44 G.
D = 6670 Km.

USCGS:

H: 23 14 19.6 h = 10 Km.
52.7 N., 34.1 W.
North Atlantic Ocean.
Mag. 6 3/4(PAS), 6.5-6.9(BRK)
6.3(CGS) surface wave.

14. ePZ 01 44 28 S.H.
D = 5120 Km.

USCGS:

H: 01 36 04.7 h = 27 Km.
13.7 N., 96.5 E.
Andaman Islands Region Felt at
Bangkok, Thailand.
Mag. 6.8(CGS) surface wave.

15. ePZ 01 48 19 S.H.
eSN 49 00 G.
D = 370 Km.

USCGS:

H: 01 47 27.7 h = 38 Km.
34.5 N., 47.6 E.
Western Iran,.
Mag. 5.0(CGS).

15. ePZ 05 50 17 S.H.
eSNEZ 39 S.H.,G.

15. ePZ 06 05 04 S.H.
D = 4480 Km.

USCGS:

H: 05 57 24.6 h = 10 Km.
20.4 N., 94.1 E.
Burma.
Mag. 5.5(CGS).

15. ePZ 08 58 01 S.H.

15. eP'Z 16 29 00 S.H.
eiPPZ 30 42.5 S.H.,G.
epPKPZ 31 13 S.H.
epPPZ 32 50 S.H.
eSKSE 35 06 G.
D = 13560 Km.

USCGS:

H: 16 11 11.8 h = 597 Km.
9.0 S., 71.3 E.
Peru - Brazil Border Region.
Mag. 6 3/4-7(PAS), 7.2-7.4(BRK)
6.2(CGS).

16. eiPZ 11 06 55.0 D. S.H.
eiSE 07 02.5 S.H.

16. eiPZ 11 55 28.0 C. S.H.
eSE 35.0 S.H.
D = 50 Km.

USCGS:

H: 11 55 19 h = 17 Km.
35.8 N., 51.9 E.
Iran.

16. ePZ 15 10 55 S.H.
eSNE 11 44 G.
D = 375 Km.

USCGS:

H: 15 10 03 h = 33 Km.
33.8 N., 47.9 E.
Western Iran.
Mag. 4.4(CGS).

17. ePZ 01 14 47
Local Shock.

17. eP'Z 10 30 18 G.
e(PKS)E 34 02 G.
D = 15460 Km.

USCGS:

H: 10 10 51.5 h = 19 Km.
23.7 S., 175.2 W.
Tonga Islands Region.
Mag. 6 1/2(PASO, 6.4(CGS)).

18. ePZ 06 55 48 S.H.
D = 9410 Km.

USCGS:

H: 06 43 31.2 h = 159 Km.
6.4 S., 130.1 E.
Banda Sea.
Mag. 5.0(CGS).

19. iPZ 22 25 59.0 D. S.H.
epP 26 20 S.H.
iSZNE 35 18.5 S.H.,G.
eSSN 40 09 G.
D = 8110 Km.

USCGS:

H: 22 14 35.3 h = 80 Km.
 9.2 S., 113. E. South of Java.
 51 Killed, many injured and
 extensive property damage at malang
 Java.
 Mag. 6 3/4(PAS), 6.2(CGS).

19. ePZ 23 40 10 S.H.
 D = 8540 Km.

USCGS:

H: 23 28 28.0 h = 101 Km.
 0.0 S., 124.2 E.
 Molucca Sea.
 Mag. 5.7(CGS).

20. ePZ 15 23 11 S.H.
 eiSNE 26 57 G.
 D = 2200 Km.

USCGS:

H: 15 18 39.9 h = 24 Km.
 33.7 N., 75.3
 Eastern Kashmir Felt at Lahor,
 Pakistan.
 Mag. 5.7(CGS).

21. ePZ 11 45 15 S.H.

21. ePZ 12 42 18 S.H.
 D = 2230 Km.

USCGS:

H: 12 37 44.5 h = 31 Km.
 33.6 N., 75.3 E.
 Eastern Kashmir.
 Mag. 5.1(CGS).

21. ePZ 15 11 32 S.H.
 eSN 12 28 G.
 D = 500 Km.

USCGS:

H: 15 10 25 h = 55 Km.
 31.6 N., 49.2 E.
 Western Iran.
 Mag. 4.9(CGS).

21. ePZ 16 50 00 S.H.

21. ePZ 18 53 51 S.H.
 D = 8650 Km.

USCGS:

H: 18 42 07.2 h = 129 Km.
 1.5 N., 127.2 E.
 Halmahera.
 Mag. 5.2(CGS).

21. ePZ 19 11 52 S.H.
 Local Shock.

22. eiPZ 04 51 10.0 S.H.
 eS₁E 25 S.H.
 eS₂E 31 S.H.

22. ePZ 08 51 (02) S.H.

22. ePZ 13 09 07 S.H.
 eSE 30 S.H.

22. ePZ 18 45 (35) S.H.
 D = 13720 Km.

USCGS:

H: 18 26 46.7 h = 87 Km.
 19.5 S., 169.0 E.
 New Hebrides Islands.
 Mag. 5.6(CGS).

23. ePZ 01 16 40 S.H.

23. ePZ 07 07 11 S.H.

23. ePZ 10 53 00 S.H.

23. ePZ 20 49 38 S.H.
 epPZ 48 S.H.
 epPPZ 52 14 S.H.
 D = 7260 Km.

USCGS:

H: 20 39 56.3 h = 30 Km.
 26.1 N., 128.5 E.
 Ryukyu Islands.
 Mag. 5.4(CGS).

25. ePZ 11 32 28 S.H.
D = 8420 Km.

USCGS:

H: 11 20 47.4 h = 70 Km.
0.0 S., 123.9 E.
Northern Celebes.
Mag. 5.8(CGS).

25. ePZ 11 50 23
D = 8420 Km.

USCGS:

H: 11 38 46.0 h = 105 Km.
0.1 S., 123.9 E.
Northern Celebes.
Mag. 5.7(CGS).

26. iPZ 04 03 18.0 C. S.H.,G.
ePPZ 49 S.H.
D = 2710 Km.

USCGS:

H: 03 57 57.7 h = 0 Km.
49.8, 78.1 E.
Eastern Kazakh SSR.
Mag. 6.0(CGS).

27. ePZ 21 05 24 S.H.

28. eIPZ 09 48 41.5 C. S.H.
cSE 58 05 G.
D = 7980 Km.

USCGS:

H: 09 37 18.0 h = 23 Km.
32.7 N., 141.7 E.
South of Honshu, Japan.
Mag. 5 3/4-6(PAS), 5.5(CGS).

28. ePZ 14 27 07 S.H.
D = 2730 Km.

USCGS:

H: 14 21 54 h = 77 Km.
37.5 n., 21.3 E.
Southern Greece.
Mag. 4.6(CGS).

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INSTITUTE OF GEOPHYSICS
TEHRAN UNIVERSITY, IRAN

Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63570
Height 1360 M. c = + 0.58146

MARCH 1967

1. ePZ 10 14 59 S.H.
ei(sPP)Z 15 18.0 S.H.
eSE 16 34 G.
D = 990 Km.

USCGS:

H: 10 12 49.4 h = 39 Km.
28.3 N., 57.1 E.
Southern Iran.
Mag. 4.9(CGS).

2. ePZ 07 56 42 S.H.
eiSE 57 50.0 S.H.
D = 580 Km.

USCGS:

H: 07 55 24.3 h = 33 Km.
32.1 N., 55.8 E.
Iran.
Mag. 4.6(CGS).

2. ePZ 09 55 39 S.H.
Trace of Distant Shock.

2. ePZ 17 56 45 S.H.
e(S)E 57 41 S.H.

2. eiPZ 20 59 18.5 S.H.
D = 8300 Km.

USCGS:

H: 20 47 37.6 h = 18 Km.
52.4 N., 160.5 E.
Off East Coast of Camchatka.
Mag. 4.6(CGS).

2. ePZ 23 15 04 S.H.
D = 8000 Km.

USCGS:

H: 23 03 39.7 h = 21 Km.
53.8 N., 160.5 E.
Near East Coast of Camchatka.
Mag. 5.0(CGS).

3. eiPZ 07 09 37.5 S.H.
eiSE 10 03.5 S.H.

3. ePZ 17 24 32 S.H.
Trace of Local Shock.

4. ePZ 05 19 37 S.H.
epPZ 20 13 G.
ePPZ 22 10 G.
epPPZ 46 G.
D = 6900 Km.

USCGS:

H: 05 09 24.2 h = 134 Km.
21.4 N., 121.8 E.
Taiwan Region.
Mag. 5.5(CGS).

4. ePZ 06 35 17 S.H.
Trace of Distant Shock.

4. ePZ 09 03 23 S.H.
eiSE 31.5 S.H.

4. ePZ 15 12 14 S.H.
D = 9500 Km.

USCGS:

H: 14 59 39.2 h = 42 Km.
52.1 N., 170.5 E.
Fox Islands, Aleutian Islands.
Mag. 4.3(CGS).

4. eiPZ 18 02 54.6 D. S.H.
eSEN 06 45 G.
iPcPZ 07 03.0 G.
D = 2380 Km.

USCGS:

H: 17 58 06.4 h = 33 Km.
39.2 N., 74.6 E.
Aegean Sea. Felt in Greece, western
Turkey and at Sofia Bulgaria.
Mag. 6 3/4-7(PAS), 6.5-6.7(BRK).

4.	eipZ	22 06 39.5 (C)	S.H.	10.	ePZ	18 50 30	S.H.
		Trace of Local Shock.			iSE	30.8	S.H.
6.	ePZ	00 49 30	S.H.	10.	eiPZ	20 58 05	S.H.
		Local Shock.			eSE	39	S.H.
6.	ePZ	04 28 00	S.H.	11.	ePZ	06 34 41	S.H.
6.	eiPZ	04 50 41.5 D.	S.H.		eSNE	37 31	G.
		D = 7800 Km.				D = 1750 Km.	
	<u>USCGS:</u>				<u>USCGS:</u>		
	H: 04 40 17.8 h = 490 Km. 30.5 N., 137.6 E. South of Honshu Japan. Mag. 5.1(CGS).				H: 06 31 09.0 h = 220 Km. 36.4 N., 70.7 E. Hindu Kush Region. Mag. 5.0(CGS).		
6.	ePZ	20 03 52		11.	ePZ	19 42 (48)	S.H.
		Local Shock.			eSEN	46 16	G.
7.	e?Z	16 11 36	S.H.		eSSEN	34	G.
		Trace of Distant Shock.				D = 2180 Km.	
7.	e?Z	19 10 55	S.H.		<u>USCGS:</u>		
		Trace of Distant Shock.			H: 19 38 22 h = 33 Km. 19.7 N., 38.9 E. Red Sea.		
8.	e?Z	03 10 39	S.H.	12.	ePZ	14 41 03	S.H.
		Trace of Distant Shock.				Trace of Distant Shock.	
9.	ePZ	08 49 53	S.H.	12.	ePZ	18 39 50	S.H.
	eSE	50 04	S.H.		ei(S)NE	47 32.0	G.
9.	e?Z	17 25 53	S.H.	12.	ePZ	21 37 15	S.H.
		Trace of Distant Shock.		12.	ePZ	21 49 00	S.H.
9.	ePZ	20 19 55	S.H.			D = 2180 Km.	
		D = 5940 Km.			<u>USCGS:</u>		
	<u>USCGS:</u>				H: 21 44 33 h = 33 Km. 19.7 N., 38.9 E. Red Sea.		
	H: 20 10 36 h = 33 Km. 55.4 N., 33.3 W. North Atlantic Ocean. Mag. 4.5(CGS).			12.	ePZ	21 53 07	S.H.,G.
10.	e?Z	13 45 32	S.H.			Trace of near Shock.	
		Trace of Distant Shock.		13.	ePZ	07 32 33	S.H.,G.
10.	ePZ	17 29 58	S.H.			D = 2190 Km.	

USCGS:

H: 07 28 06 h : 41 Km.
 19.7 N., 38.8 E.
 Red Sea.
 Mag. 5.3(CGS).

H: 21 44 04 h : 11 Km.
 82.2 N., 39.7 E.
 Franz Josefland.
 Mag. 4.4(CGS).

13. ePZ 08 15 25 S.H.,G.
 e(SS)N 19 12 G.
 D = 2190 Km.

14. iPZ 07 05 14.2 C. G.
 ePPZ 06 41 G.
 eiSNE 10 59.0 G.
 D = 4110 Km.

USCGS:

H: 08 10 56.3 h : 33 Km.
 19.6 N., 38.9 E.
 Red Sea.
 Mag. 5.0(CGS).

USCGS:

H: 06 58 04.6 h : 24 Km.
 28.4 N., 94.3 E.
 India - China Border Region.
 Mag. 5.9(CGS).

13. ePZ 12 21 14 S.H.,G.
 Trace of near Shock.

14. ePZ 07 58 49 S.H.,G.
 D = 5220 Km.

13. eP'Z 16 26 17 S.H.
 D = 15390 Km.

USCGS:

H: 07 50 12.3 h : 33 Km.
 82.5 N., 36.2 E.
 Franz Josefland.
 Mag. 4.7(CGS).

USCGS:

H: 16 06 54.3 h : 33 Km.
 40.1 S., 74.5 W.
 Off Coast of Southern Chile.
 Mag. 7.1-7.5(BRK),6(CGS).

14. ePZ 21 34 39 S.H.
 Trace of Local Shock.

13. iPZ 19 26 45.7 C. S.H.,G.
 eiSN 30 24.0 G.
 D = 2130 Km.

14. ePZ 21 56 36 S.H.,G.
 eSN 22 00 26 G.
 D = 2200 Km.

USCGS:

H: 19 22 15.4 h : 7 Km.
 19.7 N., 38.9 E.
 Red Sea.
 Mag. 5.8(CGS).

USCGS:

H: 21 52 05 h : 33 Km.
 19.4 N., 38.7 E.
 Red Sea.
 Mag. 4.6(CGS).

13. ePZ 21 52 (28) S.H.
 D = 5150 Km.

15. ePZ 01 21 54 S.H.
 iSZ 22 01.8 S.H.

USCGS:

15. ePZ 16 27 18.5 S.H.
 eSNE 28 23 S.H.,G.
 D = 600 Km.

USCGS:

H: 16 25 59 h = 43 Km.
 30.6 N., 50.8 E.
 IRAN.
 Mag. 5.0(CGS).

15. ePZ 19 32 15 S.H.
 Trace of Local Shock.

15. ePZ 22 39 58 S.H.
 Trace of Distant Shock.

16. ePZ 02 46 00 S.H.
 Trace of Local Shock.

16. ePZ 03 16 28 S.H.,G.
 eSNE 20 08 G.
 D = 2180 Km.

USCGS:

H: 03 11 59 h = 33 Km.
 19.5 N., 38.9 E.
 Red Sea.
 Mag. 5.4(CGS).

16. ePZ 11 45 59 S.H.
 D = 2195 Km.

USCGS:

H: 11 41 29 h = 33 Km.
 19.7 N., 39.0 E.
 Red Sea.

16. ePZ 14 49 43 S.H.
 cSNE 53 07 G.
 D = 2195 Km.

USCGS:

H: 14 45 12.6 h = 33 Km.
 19.7 N., 38.9 E.
 Red Sea.
 Mag. 5.1(CGS).

16. ePZ 16 04 44 S.H.
 cSSE 08 33 G.
 D = 2175 Km.

USCGS:

H: 16 00 16 h = 33 Km.
 19.8 N., 38.9 E.
 Red Sea.
 Mag. 5.0(CGS).

17. ePZ 07 10 24 S.H.

18. ePZ 00 12 43 S.H.

18. ePZ 18 00 48 S.H.
 D = 7680 Km.

USCGS:

H: 17 49 50.8 h = 105 Km.
 36.3 N., 139.8E.
 Honshu Japan Felt in Central
 and Northern Honshu.
 Mag. 5.0(CGS).

18. ePZ 21 35 21 S.H.

18. ePZ 23 13 (17) S.H.

19. iPZ 01 23 14.5 C. S.H.
 ei?Z 39.0 S.H.
 eSEN 33 29 G.
 D = 9400 Km.

USCGS:

H: 01 10 45.8 h = 60 Km.
 6.7 S., 129.9 E.
 Banda Sea.
 Mag. 5.9(CGS).

19. ePZ 04 12 55 S.H.
 ePcPZ 13 17 G.
 eSN 22 17 G.
 D = 7920 Km.

USCGS:

H: 04 01 36.7 h = 33 Km.
 45.4 N., 151.3 E.
 Kurile Islands.
 Mag. 6 1/2(PAS).

19. ePZ 09 21 55 S.H.

19. ePZ 18 22 (24) S.H.

19. 1PZ 21 58 39.0 C. S.H.

20. ePZ 09 41 56 S.H.
D = 7940 Km.

USCGS:

H: 09 30 36.4 h = 33 Km.
45.6 N., 151.5 E.
Kurile Islands.
Mag. 4.4(CGS).

20. iPZ 13 42 54.0 C. S.H.
eiPcPZ 43 11.5 S.H.
D = 7990 Km.

USCGS:

H: 13 31 34.0 h = 51 Km.
45.6 N., 151.4 E.
Kurile Islands.
Mag. 5.5-5.9(BRK), 5.7(CGS).

20. ePZ 13 50 13 S.H.
D = 7990 Km.

USCGS:

H: 13 38 53.7 h = 50 Km.
45.7 N., 151.6 E.
Kurile Islands.
Mag. 4.6(CGS).

20. eiPZ 13 52 13.0 C. S.H.
D = 7990 Km.

USCGS:

H: 13 40 52.8 h = 53 Km.
45.6 N., 151.5 E.
Kurile Islands.
Mag. 5.3(CGS).

20. eiPZ 14 03 27.0 C. S.H.
ePcPZ 46 S.H.
D = 7970 Km.

USCGS:

H: 13 52 05.5 h = 32 Km.
45.6 N., 151.5 E.
Kurile Islands.
Mag. 5.4(CGS).

20. eiPZ 14 55 39.0 C. S.H.
D = 8010 Km.

USCGS:

H: 14 44 17.8 h = 50 Km.
45.4 N., 151.5 E.
Kurile Islands.
Mag. 4.6(CGS).

20. ePZ 15 57 46 S.H.
D = 7940 Km.

USCGS:

H: 15 46 29.4 h = 60 Km.
45.6 N., 151.2 E.
Kurile Islands.
Mag. 5.1(CGS).

20. ePZ 17 22 57 S.H.
D = 7990 Km.

USCGS:

H: 17 11 34.8 h = 33 Km.
45.5 N., 151.4 E.
Kurile Islands.
Mag. 5.0(CGS).

20. eP₁Z 22 32 15 S.H.
sP₂Z 35 S.H., G.
eS₁E 33 37 G.
eS₂E 43 G.
D = 675 Km.

USCGS:

H: 22 30 44 h = 43 Km.
35.8 N., 44.2 E.
Iraq.

21. ePZ 02 13 42 S.H.

21. ePZ 10 17 25 S.H.

21. ePZ 23 43 (48) S.H.

22. ePZ 02 58 45 S.H.
D = 2100 Km.

USCGS:

H: 02 54 23 h = 33 Km.
20.3 N., 38.7 E.
Red Sea.

22. ePZ 13 13 47 S.H.
D = 10650 Km.
- USCGS:
H: 13 00 26.9 h = 70 Km.
5.4 S., 146.4 E.
East New Guinea Region.
Mag. 5.3(CGS).
22. ePZ 13 44 (44) S.H.
22. ePZ 23 04 19 S.H.
D = 2180 Km.
- USCGS:
H: 22 59 50 h = 33 Km.
19.7 N., 38.8 E.
Red Sea.
23. ePZ 05 31 18 S.H.
D = 4580 Km.
- USCGS:
H: 05 23 34.3 h = 33 Km.
2.8 S., 68.1 E.
carlsberg ridge.
Mag. 5.1(CGS).
23. ePZ 13 53 19 S.H.
D = 7970 Km.
- USCGS:
H: 13 41 58 h = 33 Km.
45.8 N., 151.9 E.
Kurile Islands.
Mag. 4.7(CGS).
23. ePZ 15 10 59 S.H.
D = 7080 Km.
- USCGS:
H: 15 00 27.8 h = 33 Km.
4.7S., 101.8 E.
Southern Sumatra.
Mag. 5.2(CGS).
23. ePZ 16 26 57 S.H.
24. ePZ 02 02 15 S.H.
eSN 05 38 G.
eSSN 06 01 G.
eSSSN 14 G.
ei?NE 08 17.0 G.
D = 2150 Km.
- USCGS:
H: 01 57 49 h = 33 Km.
20.2 N., 38.3 E.
Red Sea.
Mag. 5.0(CGS).
24. ePZ 06 42 35 S.H.
eSSE 46 15 G.
eSSSE 38 G.
ei?E 48 53.0 G.
eScPZ 50 13 G.
D = 2160 Km.
- USCGS:
H: 06 38 09 h = 42 Km.
20.0 N., 38.7 E.
Red Sea.
Mag. 5.1(CGS).
24. iPZ 09 10 36.3 D. S.H.
eipPZ 12 37.0 G.
ePPZ 13 21 G.
esPZ 37 G.
e(PPP)Z 15 07 G.
ePPPPZ 16 14 G.
eSNE 18 50 G.
eiScSNE 19 22.0 G.
eSPPZ 43 G.
eScPZ 20 01 G.
eiSSE 22 23.0 G.
D = 7820 Km.
- USCGS:
H: 09 00 19.5 h = 600 Km.
6.0 S., 112.3 E.
Java Sea.
Mag. 6.7-7.2(BRK), 6.0(CGS).
25. e(P)Z 22 29 23 S.H.
USCGS: D = 1350 Km.
H: 22 26 29 h = 41 Km.
28.8 N., 60.3 E.
Southern Iran.
Mag. 4.9(CGS).
25. ePZ 22 59 19 S.H.
iPZ 21.0 C. S.H.
esPZ 30 S.H.
ePcPZ 35 S.H.
eSN 23 08 18 G.
D = 7970 Km.

USCGS:

H: 22 47 45.5 h = 41 Km.
 45.5 N., 151.4 E.
 Kurile Islands.
 Mag. 5.2-5.6(BRK), 5 3/4(PAL),
 5.5(CGS).

26. ePZ 03 12 15 S.H.
 eSSN 15 21 G.
 eSSSN 45 G.
 eiPcSN 20 34.0 G.
 D = 1800 Km.

USCGS:

H: 03 08 27 h = 21 Km.
 27.2 N., 67.5 E.
 West Pakistan.
 Mag. 4.5(CGS).

26. ePZ 10 39 44 S.H.

27. ePZ 09 07 24 S.H.
 D = 5660 Km.

USCGS: H: 08 58 25.5 h = 61 Km.
 38.4N, 116.5 E.
 Northeastern China, Felt in
 Peking Area.
 Mag. 5.4(CGS).

27. ePZ 10 16 24 S.H.

27. ePZ 19 58 09 S.H.
 ePPZ 25 G.
 eiSSE 20 02 04.0 G.
 eiSSSN 09.0 G.
 ei?N 03 09.0 G.
 ei?N 04 06.0 G.
 D = 2170 Km.

USCGS:

H: 19 53 41 h = 23 Km.
 20.0 N., 38.6 E.
 Red Sea.
 Mag. 5.1(CGS).

27. ePZ 21 19 05 S.H.

29. ePZ 23 52 09 S.H.

30. ePZ 02 19 49 S.H.
 ePPZ 22 37 G.
 eiSKSEN 29 31.0 G.
 D = 8380 Km.

USCGS:

H: 02 08 02.4 h = 33 Km.
 11.0 S., 115.5 E.
 South of Bali Island.
 Mag. 6.0(CGS).

31. eiPZ 02 24 55.0 C. S.H.

31. ePZ 03 06 15 S.H.

31. ePZ 03 22 48 S.H.
 eSE 26 02 G.
 eSSN 32 G.
 eSSSN 49 G.
 e?NE 28 54 G.
 eScSE 34 28 G.
 esScSE 48 G.
 D = 2130 Km.

USCGS:

H: 03 18 24.2 h = 33 Km.
 20.2 N., 38.6 E.
 Red Sea.
 Mag. 4.8(CGS).

SEISMOLOGICAL BULLETIN OF
INSTITUTE OF GEOPHYSICS
THERAN UNIVERSITY, IRAN

Lat. 35°44'16" N. a = + 0.50773
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Height..... 1360 M. c = + 0.58146
APRIL 1967

1. ePZ 00 24 04 S.H.
1. iPZ 06 05 40.0 C. S.H.
1. eiPZ 06 08 28.0 C. S.H.
1. ePZ 07 59 49 S.H.
i?Z 08 00 27.0 S.H.
D = 7980 Km.

USCGS:

H: 07 48 28 h = 40 Km.
45.5 N., 152.0 E.
Kurile Islands Region.
Mag. 5.0(CGS).

1. iPZ 12 34 56.4 C. S.H.
eipPZ 35 07.0 S.H.
esPcPZ 28 S.H.
eSNE 44 16 G.
D = 7980 Km.

USCGS:

H: 12 23 35.5 h = 40 Km.
45.7 N., 151.8 E.
Kurile Islands.
Mag. 5 3/4(PAS), 5.4-5.8(BRK),
5.9(CGS).

1. iPZ 14 11 57.8 C. S.H.

1. iPZ 17 32 31.8 C. S.H.
D = 8015 Km.

USCGS:

H: 17 21 09.3 h = 40 Km.
45.6 N., 151.9 E.
Kurile Islands.
Mag. 4.7(CGS).

1. ePZ 22 33 35 S.H.
1. ePZ 23 33 32 S.H.
2. ePZ 23 14 43 S.H.
3. ePZ 07 30 53 S.H.
3. iPZ 07 42 54.7 C. S.H.
eiSE 46 31.0 G.
D = 2155 Km.

USCGS:

H: 07 38 28.4 h = 33 Km.
19.9 N., 38.5 E.
Red Sea.
Mag. 5.1(CGS).

3. ePZ 13 20 39 S.H.
4. ePZ 00 50 19 S.H.
4. eiPZ 04 05 49.5 C. S.H.
4. ePZ 14 56 07 S.H.
4. ePZ 17 04 04 S.H.
5. eiPZ 02 46 35.5 D. G.
eSorSKSEN 56 52 G.
D = 9280 Km.

USCGS:

H: 02 34 11.1 h = 50 Km.
20.0 N., 147.1 E.
Mariana Islands Region.
Mag. 5.6-6.8(BRK), 5.9(CGS).

5. eiPZ 03 00 19.5 D. G.
eSorSKSEN 10 37 G.
D = 9280 Km.

USCGS:

H: 02 47 55.4 h = 50 Km.
20.0 N., 147.2 E.
Mariana Islands Region.
Mag. 5.7(CGS).

5. eiPZ 16 06 53.0 C. S.H.
eSZ 07 11 S.H.

6. eiPZ 12 34 23.5 D. S.H.
eSorSKSEN 44 45 G.
D = 9240 Km.

USCGS:

H: 12 21 57.0 h = 22 Km.
20.1 N., 147.2 E.
Mariana Islands Region.
Mag. 5-5.4(BRK), 5.7(CGS).

6. eiP₁Z 12 58 40.0 D. S.H.
eP₂Z 54 S.H.
eSZ 59 48 S.H.
D = 635 Km.

USCGS:

H: 12 57 14.0 h = 10 Km.
39.1 N., 50.9 E.
IRAN.
Mag. 5.4(CGS).

6. ePZ 23 40 00 S.H.
eSNE 49 14 G.
D = 7700 Km.

USCGS:

H: 23 28 51.0 h = 15 Km.
34.3 N., 139.1 E.
Near S. Coast of Honshu Japan.
Mag. 5.1(CGS).

7. ePZ 02 14 01 S.H.

7. ePZ 11 46 25 S.H.

7. ePZ 17 10 14 S.H.
ePcPZ 15 21 G.
D = 1390 Km.

USCGS:

H: 17 07 16.2 h = 49 Km.
34.4 N., 36.1 E.
Turkey some damage at Bahce,
Kazanli and Andirin.
Mag. 4.8(CGS).

7. ePZ 18 36 28 S.H.
ei?EN 40 06.5 G.
D = 1390 Km.

USCGS:

H: 18 33 31.3 h = 39 Km.
37.4 N., 36.2 E.
Turkey, some damage at Bahce,
Kazanli and Andirin.
Mag. 5.0(CGS).

8. ePZ 05 55 54 S.H.

8. ePZ 14 12 37 S.H.

8. ePZ 20 25 22 S.H.
D = 8200 Km.

USCGS:

H: 20 14 00.8 h = 140 Km.
5.7 N., 126.9 E.
Mindanao, Philippine Islands.
Mag. 5.5(CGS).

9. ePZ 00 17 56 S.H.
e(S)N 28 43 G.
D = 9730 Km.

USCGS:

H: 00 05 07.0 h = 15 Km.
4.0 S., 135.8 E.
West new Guinea Region.
Mag. 5.1(CGS).

9. ePZ 16 40 29 S.H.

9. ePZ 17 54 17 S.H.

9. ePZ 18 43 (55) S.H.

10. ePZ 01 08 05 S.H.

10.	ePZ	17 07 20	S.H.	13.	iPZ	20 04 19.8	C. S.H.
10.	eiPZ	20 09 55.5	S.H.	13.	ePZ	21 48 04	48 S.H.
		D = 9290 Km.				D = 2430 Km.	
	<u>USCGS:</u>				<u>USCGS:</u>		
	H: 19 57 34.4 h = 86 Km.				H: 21 43 12 h = 33 Km.		
	58.6 N., 154.3 W.				14.5 N., 56.5 E.		
	Alaska Peninsula.				Arabian Sea.		
	Mag. 5.5(CGS).				Mag. 4.1(CGS).		
10.	ePZ	21 06 30	S.H.	14.	ePZ	19 03 13	S.H.
12.	ePZ	05 00 37	G.			D = 2440 Km.	
	epPZ	48	G.		<u>USCGS:</u>		
	ePcPE	01 50	G.		H: 18 58 20 h = 33 Km.		
	ePPE	02 34	G.		14.6 N., 56.5 E.		
	eSEN	07 55	G.		Arabian Sea.		
		D = 5630 Km.			Mag. 4.7(CGS).		
	<u>USCGS:</u>				15. ePZ 05 05 59 S.H.		
	H: 04 51 40.2 h = 55 Km.				15. ePZ 17 03 37.5 S.H.		
	5.3 N., 96.5 E.				D = 2200 Km.		
	Northern Sumatra, Minor damage at				<u>USCGS:</u>		
	Penang, Malaysia.				H: 16 59 07 h = 33 Km.		
	Mag. 6 1/2(PAS), 6(BRK), 6 3/4-7(GOL), 6.1(CGS).				20.7 N., 38.7 E.		
					Red Sea.		
					Mag. 4.9(CGS).		
12.	ePZ	19 33 47	S.H.	15.	ePZ	23 46 45	S.H.
	ePNE	37 59	G.	16.	iPZ	10 21 33.6	C. S.H.
		D = 2490 Km.				D = 8000 Km.	
	<u>USCGS:</u>				<u>USCGS:</u>		
	H; 19 28 55 h = 33 Km.				H: 10 10 06.7 h = 24 Km.		
	14.4 N., 56.7 E.				46.4 N., 153.3 E.		
	Arabian Sea.				Kurile Islands.		
	Mag. 4.7(CGS).				Mag. 5.3(CGS).		
12.	ePZ	21 24 54	S.H.	16.	ePZ	14 28 27	S.H.
13.	eP'Z	14 46 23	S.H.	19.	ePZ	23 25 39	S.H.
		D = 15960 Km.		20.	iPZ	04 13 18.0	C. S.H.
	<u>USCGS:</u>					D = 2700 Km.	
	H: 14 26 49.5 h = 33 Km.				<u>USCGS:</u>		
	7.0 S., 151.0 W.				H: 04 07 57.6 h = 0 Km.		
	Line Islands Region.				49.7 N., 78.1 E.		
	Mag. 5.2(CGS).				Eastern Kazakh SSR.		
13.	ePZ	19 51 46	S.H.		Mag. 5.7(CGS).		

- | | | | | | | | |
|---------------|---|------------|---------|---------------|--------------------------|------------|---------|
| 21. | ePZ | 08 26 41 | G. | 24. | eiPZ | 08 55 10.0 | D. S.H. |
| | eSN | 36 47 | G. | | ePPZ | 26 | S.H. |
| | D = 9050 Km. | | | | esPPPZ | 03 45 | S.H. |
| <u>USCGS:</u> | | | | | eSNE | 58 32 | G. |
| | H: 08 14 25.0 h = 33 Km. | | | | eSSSE | 58 | G. |
| | 5.4 S., 126.9 E. | | | | D = 1910 Km. | | |
| | Banda Sea. | | | <u>USCGS:</u> | | | |
| | Mag. 6 1/4(PAS), 6.4-6.6(BRK). | | | | H: 08 51 10.9 h = 31 Km. | | |
| 22. | ePZ | 14 45 16 | S.H. | | 37.4 N., 72.7 E. | | |
| 22. | eiPZ | 19 54 24.5 | C. S.H. | | Tadzhik SSR. | | |
| | D = 9410 Km. | | | | Mag. 5.6(CGS). | | |
| <u>USCGS:</u> | | | | 24. | ePZ | 10 07 (43) | S.H. |
| | H: 19 41 57.8 h = 82 Km. | | | 24. | ePZ | 11 55 26 | S.H. |
| | 7.0 S., 129.5 E. | | | | D = 7025 Km. | | |
| | Banda Sea. | | | <u>USCGS:</u> | | | |
| | Mag. 5.2(CGS). | | | | H: 11 44 58.1 h = 33 Km. | | |
| 23. | ePZ | 09 37 49 | S.H. | | 24.0 S., 69.6 E. | | |
| | D = 4355 Km. | | | | Mid-Indian rise. | | |
| <u>USCGS:</u> | | | | | Mag. 5.0(CGS). | | |
| | H: 09 30 22.0 h = 33 Km. | | | 24. | ePZ | 13 02 26 | S.H. |
| | 36.3 N., 2.4 E. | | | 24. | ePZ | 15 00 18 | S.H. |
| | Algeria. | | | 24. | ePZ | 18 24 07 | S.H. |
| | Mag. 4.8(CGS). | | | 25. | ePZ | 10 51 25 | S.H. |
| 23. | ePZ | 11 49 (24) | S.H. | 26. | ePZ | 13 20 43 | S.H. |
| 23. | ePZ | 15 09 09 | S.H. | | D = 5660 Km. | | |
| | D = 4830 Km. | | | <u>USCGS:</u> | | | |
| <u>USCGS:</u> | | | | | H: 13 11 42.3 h = 33 Km. | | |
| | H: 15 01 06.8 h = 33 Km. | | | | 1.3 S., 89.5 E. | | |
| | 1.6 N., 80.2 E. | | | | South Indian Ocean. | | |
| | North Indian Ocean. | | | | Mag. 5.1(CGS). | | |
| | Mag. 5.1(CGS). | | | 26. | eiPZ | 15 15 28.5 | D. S.H. |
| 23. | ePZ | 18 05 27 | S.H. | | eSZ | 58 | S.H. |
| | D = 9550 Km. | | | 26. | ePZ | 19 33 19 | S.H. |
| <u>USCGS:</u> | | | | 27. | ePZ | 07 22 42 | S.H. |
| | H: 17 52 51.0 h = 56 Km. | | | 27. | ePZ | 08 20 16 | S.H. |
| | 13.5 N., 146.1 E. | | | | | | |
| | South of Marina Islands, Felt on Guan Guan. | | | | | | |
| | Mag. 5.6(CGS). | | | | | | |
| 24. | ePZ | 07 16 39 | S.H. | | | | |

27.	ePZ	15 43 15	S.H.	29.	eP E	07 29 46	S.H.
27.	ePZ	20 50 20	S.H.	30.	ePZN	08 10 22	G.
		D = 1170 Km.			eSNE	11 22	G.
					D = 540 Km.		
					<u>USCGS:</u>		
		H: 20 47 48 h = 35 Km.			H: 08 09 17 h = 73 Km.		
		26.5 N., 58.0 E.			31.3 N., 49.4 E.		
		Southern Iran.			Western Iran.		
		Mag. 4.5(CGS).			Mag. 4.5(CGS).		
27.	ePZ	23 20 42	S.H.	30.	ePZ	22 29 (41)	G.

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Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63576
Height1360 M. c = + 0.58146

MAY 1967

1. eiPZ 07 14 17.0 D. S.H.
ePPZ 53 S.H.
ePPPZ 15 04 S.H.
ePPPPZ 12 G.
eiSNE 18 35.0 G.
D = 2690 Km.

USCGS:

H: 07 09 00.5 h = 15 Km.
39.7 N., 21.3 E.
Greece, At least 9 Killed,
more than 54 injured and extensive
property damage in the northwestern
Greece area.
Mag. 5 3/4-6(PAS), 5.8-6.2(BRK),
5 3/4-6(GOL), 5 1/2(PAL), 5.6(CGS).

1. ePZ 09 55 23 S.H.
D = 2680 Km.

USCGS:

H: 09 50 06.6 h = 19 Km.
39.6 N., 21.4 E.
Greece.
Mag. 4.9(CGS).

1. ePN 20 59 (32) G.

3. ePZ 18 47 03 S.H.
D = 2700 Km.

USCGS:

H: 18 41 47.0 h = 35 Km.
39.7 N., 21.5 E.
Greece.
Mag. 4.8(CGS).

5. ePZ 06 31 50 S.H.

5. iPZ 17 49 04.8 C. S.H.
eisPZ 19.0 S.H.
ePcPZ 30 30 S.H.
eSNE 58 04 G.
D = 7570 Km.

USCGS:

H: 17 38 05.3 h = 33 Km.
8.0 S., 107.2 E.
Java.
Mag. 5.3(CGS).

5. ePZ 20 48 (10) S.H.

5. ePZ 23 20 39 S.H.
D = 6740 Km.

USCGS:

H: 23 10 27 h = 23 Km.
23.1 S., 69.3 E.
Mid-Indian Rise.
Mag. 4.9(CGS).

6. ePZ 05 37 54 S.H.
Local Shock.

6. ePZ 08 24 11 S.H.

9. eiPZ 06 26 13.0 C. S.H.
epPZ 25 S.H.
D = 7880 Km.

USCGS:

H: 06 14 57.1 h = 40 Km.
44.2 N., 149.0 E.
Kurile Islands.
Mag. 5.3(CGS).

9. ePZ 12 49 16 S.H.
D = 9570 Km.

USCGS:

H: 12 36 36.8 h = 33 Km.
 56.6 N., 152.6 W.
 Kodiak Island Region.
 Mag. 5.0(CGS).

9. ePZ 21 41 41 S.H.
11. iPZ 14 55 09.5 C. S.H.
 ePPZ 26 S.H.
 ePPPZ 34 S.H.
 eSNE 58 38 G.
 eSSN 51 G.
 D = 2000 Km.

USCGS:

H: 14 50 58.8 h = 21 Km.
 39.4 N., 73.8 E.
 Tadzhik - sinkiang Border Region.
 Mag. 5.6(CGS).

11. ePZ 15 23 12 S.H.
12. ePZ 20 10 47 S.H.
13. ePZ 05 31 34 S.H.
 eSNE 42 00 G.
 D = 9550 Km.

USCGS:

H: 05 18 55.4 h = 33 Km.
 56.5 N., 152.6 W.
 Kodiak Island Region.
 Mag. 4.7-4.9(BRK), 5.3(CGS).

13. ePZ 21 30 32 S.H.
14. ePZ 04 21 15 S.H.
 D = 2700 Km.

USCGS:

H: 04 16 01.7 h = 66 Km.
 37.7 N., 21.2 E.
 Southern Greece.
 Mag. 4.8(CGS).

14. ePZ 09 05 02 S.H.
 eSN 08 26 G.
 D = 1980 Km.

USCGS:

H: 09 00 54.8 h = 33 Km.
 39.2 N., 73.9 E.
 Tadzhik - sinkiang Border
 Region.
 Mag. 5.0(CGS).

15. ePZ 02 38 54 S.H.
 eSEN 48 13 G.
 D = 7925 Km.

USCGS:

H: 02 27 36.0 h = 40 Km.
 32.5 N., 141.4 E.
 South of Honshu, Japan.
 Mag. 5.4(CGS).

15. iPZ 08 17 33.5 C. S.H.
 esPZ 45 S.H.
 ePPZ 53 S.H.
 esPPPZ 18 16 S.H.
 eSNE 21 20 G.
 D = 2260 Km.

USCGS:

H: 08 12 57.1 h = 33 Km.
 34.6 N., 26.7 E.
 Crete.
 Mag. 4.9(CGS).

15. ePZ 13 40 44 S.H.
16. ePZ 19 36 21 S.H.
 D = 8000 Km.

USCGS:

H: 19 24 58.6 h = 36 Km.
 32.4 N., 141.3 E.
 South of Honshu, Japan.
 Mag. 5.3(CGS).

17. ePZ 01 46 17 S.H.
17. ePZ 04 30 28 S.H.
 eSE 31 45 G.
 D = 725 Km.

- USCGS:
 H: 04 28 51.9 h = 39 Km.
 38.7 N., 44.2 E.
 Turkey - IRAN Border Region.
 Mag. 4.6(CGS).
17. ePZ 05 58 (12) S.H.
17. ePZ 17 55 07 S.H.
 eSN 58 45 G.
 D = 2160 Km.
- USCGS:
 H: 17 50 39.6 h = 38 Km.
 19.7 N., 38.7 E.
 Red Sea.
 Mag. 5.3(CGS).
18. ePZ 06 15 22 S.H.
18. ePZ 11 33 33 S.H.
 eiP 38.5 C. S.H.
 D = 7625 Km.
- USCGS:
 H: 11 22 31.6 h = 41 Km.
 41.9 N., 144.7 E.
 Hokkaido Japan region.
 Mag. 4.9(CGS).
18. ePZ 14 12 00.5 S.H.
 eiPZ 03.0 C. S.H.
 D = 7660 Km.
- USCGS:
 H: 14 00 56.1 h = 40 Km.
 42.0 N., 144.7 E.
 Hokkaido, Japan region.
 Mag. 5.1(CGS).
18. ePZ 23 49 47 S.H.
 D = 7100 Km.
- USCGS:
 H: 23 39 15.2 h = 43 Km.
 31.1 N., 130.7 E.
 Kyushu, Japan.
 Mag. 5.6(CGS).
19. ePZ 15 51 44.5 D. S.H.
20. ePZ 03 03 30 S.H.
20. ePZ 08 51 22 S.H.
 eSN 54 44 G.
 D = 1930 Km.
- USCGS:
 H: 08 47 19.8 h = 33 Km.
 39.2 N., 72.8 E.
 Kirgiz SSR.
 Mag. 5.1(CGS).
20. ePZ 21 50 24 S.H.
 eSN 51 32 G.
 D = 670 Km.
- USCGS:
 H: 21 48 55 h = 42 Km.
 29.7 N., 52.2 E.
 Southern Iran, felt at Shiraz.
 Mag. 4.8(CGS).
21. eiPZ 18 54 48.0 D. G.
 eipPZ 55 28.0 S.H., G.
 esPZ 46 S.H., G.
 eiSN 19 02 42.0 G.
 D = 6330 Km.
- USCGS:
 H: 18 45 11.7 h = 173 Km.
 1.0 S., 101.5 E.
 Southern Sumatra.
 Mag. 6 3/4(PAS), 6.1-6.3(BRK),
 6.3(CGS).
21. ePZ 19 24 01 S.H.
21. ePZ 23 30 53 S.H.
22. ePZ 17 44 33 S.H.
 D = 1500 Km.
- USCGS:
 H: 17 41 21 h = 37 Km.
 37.0 N., 68.0 E.
 Afghanistan-USSR Border Region.
 Mag. 4.8(CGS).
22. ePZ 19 22 37 S.H.
 e?N 27 22 G.
 D = 1510 Km.

USCGS:

H: 19 19 25 h = 48 Km.
37.1 N., 68.3 E.
Afghanistan-USSR Border Region.
Mag. 4.7(CGS).

22. ePZ 19 50 10 S.H.
D = 2000 Km.

USCGS:

H: 19 46 02 h = 54 Km.
36.7 N., 29.5 E.
Turkey.
Mag. 4.4(CGS).

23. eiPZ 01 33 43.0 C. S.H.
D = 7965 Km.

USCGS:

H: 01 22 22.2 h : 33 Km.
44.6 N., 150.2 E.
Kurile Islands Region.
Mag. 4.3(CGS).

23. iPZ 02 04 01.0 C. S.H.
D = 1900 Km.

USCGS:

H: 01 52 39.1 h : 22 Km.
44.6 N., 150.5 E.
Kurile Islands Region.
Mag. 4.9(CGS).

23. eiPZ 08 44 43.0 C. S.H.
D = 6720 Km.

USCGS:

H: 08 34 35.8 h : 59 Km.
3.1 S., 101.5 E.
Southern Sumatra.
Mag. 5.3(CGS).

23. ePZ 12 10 27 S.H.
e(PP)Z 12 17 S.H.
D = 4925 Km.

USCGS:

H: 12 02 18 h : 33 Km.
72.8 N., 5.6 E.
Norwegian Sea.
Mag. 4.7(CGS).

23. ePZ 17 00 56 S.H.
esPPZ 01 15 S.H.
eSN 02 21 G.
D = 585 Km.

USCGS:

H: 16 59 38 h : 33 Km.
31.0 N., 50.7 E.
IRAN.

25. ePZ 22 38 55 S.H.

27. ePZ 01 47 35 S.H.
D = 2385 Km.

USCGS:

H: 01 42 47.1 h : 33 Km.
39.9 N., 77.3 E.
Southern Sinkiang Prov. China.
Mag. 5.4(CGS).

27. ePZ 10 23 44 S.H.

27. ePZ 12 46 39 S.H.
D = 1780 Km.

USCGS:

H: 12 42 54.1 h : 109 Km.
36.2 N., 71.5 E.
Afghanistan-USSR Border Region.
Mag. 4.9(CGS).

27. iPZ 17 35 8.7 C. S.H.
ei(PcP)Z 15.0 S.H.
ePPZ 38 12 G.
eSNE 45 17 G.
D = 8930 Km.

USCGS:

H: 17 22 58.7 h : 34 Km.
51.9 N., 176.1 E.
Rat Islands, Aleutian Islands.
Mag. 6(PAS), 5.8(BRK), 6-6 1/4 (PAL), 5.8(CGS).

27. eiPZ 19 10 33.5 C. S.H.
ePPZ 57 S.H.
ei(sS)N 14 39.0 G.
D = 2340 Km.

USCGS:

H: 19 05 47.5 h : 35 Km.
36.1 N., 77.8 E.
Kashmir-Sinkiang Border Region.
Mag. 5.4(CGS).

27. ePZ

20 36 (43)

S.H.

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Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63570
Height 1360 M. c = + 0.58146

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1. eiPZ 10 43 24.0 D. S.H.
eSSNE 46 54 G.
D = 1930 Km.

USCGS:

H: 10 39 22.8 h : 36 Km.
36.9 N., 29.2 E.
Turkey. Felt at Denizli, Bodrum,
and Isparta.
Mag. 5.0(CGS).

2. eP₁Z 05 12 52 S.H.
eP₂Z 13 08 S.H.
eSZ 14 35 S.H.
D = 810 Km.

USCGS:

H: 05 10 54.9 h : 26 Km.
43.6 N., 47.5 E.
Eastern Caucasus.
Mag. 5.0(CGS).

3. ePZ 09 21 36 S.H.

3. ePZ 21 15 37 S.H.

3. ePZ 22 44 09 S.H.

4. ePZ 04 02 17 S.H.

4. eiPZ 05 38 16.5 D. S.H.
D = 8100 Km.

USCGS:

H: 05 26 44.6 h : 9 Km.
51.4 N., 159.3 E.
Off east Coast of Kamchatka.
Mag. 4.8(CGS).

4. ePZ 12 40 00 S.H.

4. ePZ 12 52 54 S.H.

7. eiPZ 07 56 34.5 C. S.H.

7. ePZ 15 43 30 S.H.

7. eiPZ 15 59 09.0 D. S.H.
D = 2290 Km.

USCGS: H: 15 54 26 h : 9 Km.
34.2 N., 26.4 E.
Crete.
Mag. 4.7(CGS).

7. iPZ 17 08 11.0 C. S.H.
D = 3970 Km.

USCGS: H: 17 01 12.9 h : 33 Km.
49.4 N., 97.2 E.
USSR - Mongolia Border Region.
Mag. 5.0(CGS).

7. eiPZ 18 27 59.5 C. S.H.
D = 8090 Km.

USCGS:

H: 18 16 31.4 h : 29 Km.
47.5 N., 155.4 E.
Kurile Islands Region.
Mag. 5.2(CGS).

7. ePZ 22 37 42 S.H.
D = 1120 Km.

USCGS:

H: 22 35 16 h : 41 Km.
26.9 N., 58.0 E.
Southern IRAN.
Mag. 4.4(CGS).

10. ePZ 05 57 14 S.H.
 12. ePZ 06 42 53 S.H.
 eSZ 43 14 S.H.

12. eiPZ 23 34 09.0 C. G.
 eSEN 43 30 G.
 D = 8030 Km.

USCGS:

H: 23 22 45.3 h : 56 Km.
 47.4 N., 154.3 E.
 Kurile Islands.
 Mag. 5.5-5.7(BRK),5.4(CGS).

13. ePN 23 13 (23) G.

14. iPZ 08 17 21.5 C. S.H.
 epPZ 35 S.H.
 D = 8025 Km.

USCGS:

H: 08 05 58.6 h : 55 Km.
 47.5 N., 154.4 E.
 Kurile Islands.
 Mag. 4.4-4.8(BRK),5.3(CGS).

14. eiPZ 08 24 24.5 C. S.H.
 epPZ 40 S.H.
 D = 8030 Km.

USCGS:

H: 08 13 02.2 h : 53 Km.
 47.5 N., 154.5 E.
 Kurile Islands.
 Mag. 5.4(CGS).

14. eiPZ 15 47 11.0 C. S.H.
 D = 8035 Km.

USCGS:

H: 15 35 46.3 h : 33 Km.
 46.5 N., 153.2 E.
 Kurile Islands.
 Mag. 4.5(CGS).

17. e Z 05 18 17 S.H.
 eP'Z 34 S.H.
 ePPZ 19 16 G.
 epPPZ 20 09 S.H.

eiPKSN 21 53.0 G.
 eSKSNE 24 59 G.
 e?E 26 15 G.
 D = 12610 Km.

USCGS:

H: 05 00 11.8 h : 140 Km.
 58.3 S., 26.6 W.
 South Sandwich Islands Region.
 Mag. 6 3/4(PAS),6.3-6.5(BRK),
 6 1/4-6 1/2(GOL),6.1(CGS).

17. ePZ 09 57 59 S.H.
 D = 830 Km.

USCGS:

H: 09 56 10 h : 33 Km.
 41.7 N., 45.3 E.
 Eastern Caucasus.
 Mag. 4.4(CGS).

19. ePZ 14 39 42 S.H.
 D = 2120 Km.

USCGS:

H: 14 35 20.2 h : 35 Km.
 20.6 N., 38.4 E.
 Red Sea.
 Mag. 4.5(CGS).

19. eiPZ 17 20 27.0 C. S.H.
 eiPcPZ 31.0 S.H.
 eSNE 30 55 G.
 esSN 31 13 G.
 D = 9620 Km.

USCGS:

H: 17 07 45.4 h : 33 Km.
 52.7 N., 166.9 W.
 Fox Islands, Aleutian Islands.
 Mag. 6(PAS),6.3-6.5(BRK),
 5 3/4-6(PAL),5 3/4-6(GOL),
 5.7(CGS).

20. ePZ 00 16 19 S.H.
 Local Shock.

20. ePZ 05 33 02 S.H.

20. ePZ 07 51 25 S.H.
 eSN 08 01 54 G.
 D = 9285 Km.

USCGS:

H: 07 38 44.9 h : 11 Km.
 52.8 N., 167.1 W.
 Fox Islands Aleutian Islands.
 Mag. 4.5-5.0(BRK), 5.5(PAL),
 5.2(CGS).

22. ePE 17 54 20 S.H.

22. ePE 22 57 31 S.H.

23. eiPZ 05 17 30.5 C. S.H.
 D = 9400 Km.

USCGS:

H: 05 05 04.8 h : 85 Km.
 5.8 S., 130.5 E.
 Banda Sea.
 Mag. 5.9(CGS).

23. ePZ 05 29 35 S.H.

23. ePZ 05 42 30 S.H.

23. ePZ 10 10 26 S.H.
 D = 1650 Km.

USCGS:

H: 10 06 54.1 h : 14 Km.
 40.8 N., 33.6 E.
 Turkey.
 Mag. 4.8(CGS).

23. iPZ 13 15 27.0 D. S.H.
 eiSE 47.0 S.H.

24. ePZ 08 44 58 S.H.

24. eiPZ 19 27 33.0 D. S.H.

24. ePZ 19 28 31 S.H.

24. eiPZ 21 12 49.0 D. S.H.
 eSN 23 10 G.
 D = 9200 Km.

USCGS:

H: 21 00 23.9 h : 18 Km.
 12.5 N., 141.6 E.
 South of Mariana Islands.
 Mag. 5.5-6.0(BRK), 5.5(CGS).

25. ePZ 02 01 34 S.H.

25. ePZ 23 30 31 G.
 eSN 40 43 G.
 D = 9310 Km.

USCGS:

H: 23 18 04.3 h : 42 Km.
 12.4 N., 141.8 E.
 South of Mariana Islands.
 Mag. 6.3(BRK), 5.6(CGS).

27. ePZ 00 55 29 S.H.

28. eiPZ 14 56 33.5 C. S.H.

29. eiPZ 03 02 12.5 C. S.H.

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Lat. $35^{\circ}44'16''$ N. a = + 0.50773
 Long. $51^{\circ}23'08''$ E. b = + 0.63570
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3.	ePE	14 42 42	S.H.		11.	ePZ	01 26 17	G.
6.	eiPZ	13 55 03.0	C. G.		12.	ePE	20 30 16	S.H.
	eiSN	14 05 30.0	G.		13.	ePE	10 37 46	S.H.
	D = 9550 Km.				13.	ePE	10 43 58	S.H.

USCGS:

H: 13 42 22.5 h : 14 Km.
 52.6 N., 168.2 W.
 Fox Islands, Aleutian Islands.
 Mag. 6 1/4-6 1/2(PAS), 5.8-6.0(BRK),
 5 3/4(GOL), 6-6 1/4(PAL), 5.9(CGS).

6.	ePZ	19 03 36	G.
	ePPZ	04 02	G.
	eSN	07 30	G.
	eSSN	38	G.
	D = 2490 Km.		

USCGS:

H: 18 58 39.7 h : 44 Km.
 13.4 N., 50.8 E.
 Eastern Gulf of Aden.
 Mag. 4.9(CGS).

7.	eiPZ	01 14 59.0	C. G.
	eSN	19 09	G.
	esSN	19	G.
	D = 2520 Km.		

USCGS:

H: 01 09 59.0 h : 32 Km.
 13.5 N., 50.8 E.
 Eastern Gulf of Aden
 Mag. 4.8(CGS).

10.	e(P)Z	11 01 19	G.
10.	ePZ	12 19 32	G.

					14.	ePZ	03 15 55	G.
						eSE	19 23	G.
						D = 2160 Km.		

USCGS:

H: 03 11 28.2 h : 33 Km.
 19.8 N., 38.9 E.
 Red Sea.
 Mag. 4.7(CGS).

		14.	ePE	11 47 (54)	S.H.
		15.	ePE	08 01 46	S.H.
			eSE	02 10	S.H.
		15.	ePE	09 29 54	S.H.
			eSE	30 35	S.H.
		17.	ePE	16 50 06	S.H.
		19.	iPZ	09 10 35.5	C. G.
			e(S)EN	14 06	G.
			D = 2060 Km.		

USCGS:

H: 09 06 19.0 h : 28 Km.
 37.9 N., 29.0 E.
 Turkey, Slight Damage in Densili
 Province.
 Mag. 4.7(CGS).

		20.	eiPZ	08 25 12.5	D. S.H.
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20. ePZ 14 38 34 G.
20. ePZ 15 48 36 G.
eiSNE 58 42.0 G.
D = 8980 Km.
USCGS:
H: 15 36 20.1 h : 8 Km.
7.7 N., 134.9 E.
West Caroline Islands, slight
damage on Koror Islands.
Mag. 6 1/2(PAS), 6.2-6.7(BRK).
21. ePE 17 34 40 S.H.
22. iPZ 17 00 54.5 D. G.
eiSE 04 00.0 S.H.
D = 1890 Km.

USCGS:
H: 16 56 53.5
40.7 N., 30.8 E.
Turkey, 173 Killed, 183 Injured,
and major property damage in
Sakarya, Hendek, and Akyazi
Provinces.
Mag. 7 1/4(PAS), 7.1-7.3(BRK).

24. ePZ 05 59 40 G.
25. ePZ 13 02 31 S.H.
D = 900 Km.
USCGS:H: 13 00 39 h : 34 Km.
28.9 N., 54.5 E.
Southern IRAN.
Mag. 4.5(CGS).

26. ePZ 02 06 (35) G.
30. ePZ 14 50 04 S.H.
30. ePZ 20 24 (54) S.H.
30. ePZ 23 14 41 S.H.

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Lat. 35°44'16" N. a = + 0. 50773
Long. 51°23'08" E. b = + 0. 63570
Height 1360 M. c = + 0. 58146

AUGUST 1967

1. ePE 16 55 19 S.H.
eS₁E 56 04 S.H.
eS₂E 09 S.H.
D = 470 Km.

USCGS:

H: 16 54 15., h : 33 Km.
39.7 N., 53.3 E.
Turkman S.S.R.
Mag. 4.5(CGS).

3. ePZ 17 19 10 S.H.
4. ePZ 06 13 35 S.H.
D = 9260 Km.

USCGS:

H: 06 01 09.9 h : 33 Km.
7.4 N., 36.3 W.
Central Mid-Atlantic Ridge.
Mag. 5.0(CGS).

9. eiPZ 08 32 33.0 C. G.
ei(ScS)E 42 49.0 G.
D = 9490 Km.

USCGS:

H: 08 20 03.7 h : 89 Km.
6.4 S., 130.4 E.
Banda Sea.
Mag. 4.7(CGS).

9. ePZ 15 04 24 S.H.
e(S)E 56 S.H.

9. ePZ 19 29 18 S.H.

10. ePZ 03 02 40 S.H.
eSE 45 S.H.

10. ePZ 09 37 28 S.H.
e(S)NE 38 53 G.

10. iPZ 11 32 39.0 C. S.H.
epPZ 49 S.H.
SN 41 56.5 G.
D = 7890 Km.

USCGS:

H: 11 21 22.3 h : 37 Km.
45.4 N., 150.3 E.
Kurile Islands.
Mag. 5.5-5.9(BRK), 5.7(CGS).

10. ePZ 21 13 09 S.H.
e(S)E 14 17 G.

10. ePZ 22 12 52 S.H.
Local Shock.

11. ePZ 17 09 52 S.H.
e(S)E 10 56 S.H.

12. P'Z 09 58 53.0 C. G.
epP'Z 59 25 G.
ePPZ 10 01 45 G.
eSKPZ 10 02 16 G.
eSKKSE 08 20 G.
e(PS)E 12 20 G.
D = 15280 Km.

USCGS:

H: 09 39 44.3 h : 134 Km.
24.7 S., 177.5 W.
South of Fiji Islands.
Felt at Raoul.
Mag. 6.1(PAS), 6.1-6.3(BRK),
5.8(CGS).

12. ePZ 10 36 17 G.

13. PZ 16 45 57.0 C. G.
SKSN 56 27.5 G.

D = 9890 Km.

USCGS:

H: 16 33 04.0 h : 33 Km.
50.9 S., 29.1 E.
South of Africa.
Mag. 5.4(CGS).

13. iPZ 20 17 03.0 C. S.H.,G.
eipPZ 18 23.5 G.
eipPcPZ 19 01.5 G.
ei(pPcS)N 23 18.5 G.
iSN 25 23.5 G.
iScSE 26 21.5 S.H.,G.
D = 7350 Km.

USCGS:

H: 20 06 50.6 h : 357 Km.
35.3 N., 135.3 E.
Southern Honshu, Japan.
Mag. 6 3/4(PAS), 6.3-6.5(BRK),
6.0(CGS).

13. ePZ 20 45 11 S.H.
14. ePZ 16 30 33 S.H.
14. e(P)Z 20 18 30 G.
14. e(P)Z 20 28 24 S.H.
15. ePZ 00 01 39 S.H.
15. ePZ 06 33 49 G.
15. ePZ 07 43 55 S.H.
D = 1680 Km.

USCGS:

H: 07 40 28.7 h : 189 Km.
36.3 N., 70.2 E.
Hindu Kush Region.
Mag. 4.7(CGS).

15. ePZ 09 28 05 G.
eSE 33 35 G.
eSSE 36 13 G.
D = 4040 Km.

USCGS:

H: 09 21 02.3 h : 33 Km.
31.1 N., 93.7 E.
Tibet.
Mag. 5.7(CGS).

17. ePZ 10 04 57 S.H.
Trace.

19. eiPZ 15 39 24.0 C. G.
epPZ 35 G.
ePPSNE 49 26 G.
D = 7950 Km.

USCGS:

H: 15 28 08.5 h : 58 Km.
10.4 N., 126.0 E.
Philippine Islands Region,
Felt in Southern Philippine
Islands.
Mag. 5.5-6(BRK),5.6(CGS).

20. PZ 02 07 20.0 D. G.
esPZ 35 G.
esSE 11 38 G.
eSSE 12 13 G.
D = 2690 Km.

USCGS:

H: 02 02 05.2 h : 33 Km.
45.3 N., 80.1 E.
Kazakh - Sinkiang Border Region.
Mag. 5.1(CGS).

20. ePZ 11 57 37 G.
Local Shock.

20. P'Z 20 18 11.0 G.
ePPZ 22 15 G.
D = 17220 Km.

USCGS:

H: 19 58 22., h : 33 Km.
8.8 S., 108.3 W.
Northern Easter I. Cordillera
Mag. 4.9(CGS).

21. ePE 05 37 35 S.H.
eSE 45 S.H.

21. eiPZ 07 42 08.0 C. G.
esPZ 24 G.
epPPZ 44 11 G.
esScPZ 47 31 G.
eSNE 49 26 G.
i(ScS)N 51 56 G.
eSSSN 53 58 G.
D = 5700 Km.

USCGS:

H: 07 33 00.6 h : 33 Km.
 3.6 N., 95.8 E.
 Off W. Coast of Northern Sumatra
 Mag. 6 1/2-6 3/4(PAS), 6.3-6.7(BRK),
 5.9(CGS).

- | | | | |
|-----|---------------|----------|------|
| 21. | ePZ | 21 02 18 | G. |
| | e(S)N | 03 18 | G. |
| 22. | ePE | 03 08 45 | S.H. |
| | eSE | 09 12 | S.H. |
| 22. | e(P')Z | 13 20 43 | G. |
| | ePPZ | 21 43 | G. |
| | ePPPZ | 23 05 | G. |
| | ePPPZ | 23 05 | G. |
| | ei?EN | 43 | G. |
| | ePKKSE | 43 49 | G. |
| | D = 12680 Km. | | |

USCGS:

H: 13 02 06.8 h : 33 Km.
 60.8 S., 24.6 W.
 South Sandwich Islands Region.
 Mag. 6 3/4(PAS), 5.7-6.1(BRK),
 6.1(CGS).

- | | | | |
|-----|--------------|------------|----------|
| 23. | ePZ | 18 41 11 | S.H., G. |
| 23. | ePZ | 22 27 43 | S.H. |
| 24. | eiPZ | 03 32 28.5 | C. S.H. |
| | D = 7860 Km. | | |

USCGS:

H: 03 21 17.6 h : 70 Km.
 43.5 N., 147.5 E.
 Kurile Islands.
 Mag. 5.4(CGS).

- | | | | |
|-----|--------------|------------|---------|
| 25. | eiPZ | 12 27 13.0 | C. S.H. |
| | eiSE | 36.0 | S.H. |
| 26. | iPZ | 00 49 05.0 | D. G. |
| | eiSE | 59 20.0 | G. |
| | D = 9220 Km. | | |

USCGS:

H: 00 36 42.1 h : 33 Km.
 12.2 N., 140.7 E.
 West Caroline Islands.
 Mag. 6 1/2-6 3/4(PAS), 6-6.4(BRK)
 6.1(CGS).

- | | | | |
|-----|--------------|------------|-------|
| 26. | eiPZ | 02 19 33.0 | C. G. |
| | eS | 29 50 | G. |
| | D = 9220 Km. | | |

USCGS:

H: 02 07 08.9 h : 30 Km.
 12.2 N., 140.8 E.
 West Caroline Islands.

- | | | | |
|-----|--------------|----------|------|
| 27. | ePZ | 14 28 46 | S.H. |
| | D = 8600 Km. | | |

USCGS:

H: 14 16 56.1 h : 62 Km.
 05 N., 126.1 E.
 Molucca Passage.
 Mag. 5.4(CGS).

- | | | | |
|-----|--------------|----------|------|
| 28. | ePZ | 17 41 02 | S.H. |
| | ei?N | 44 43.0 | G. |
| | D = 2240 Km. | | |

USCGS:

H: 17 36 41.0 h : 174 Km.
 36.7 N., 26.8 E.
 Dodecanese Islands.
 Mag. 4.3(CGS).

- | | | | |
|-----|--------------|------------|-------|
| 28. | ePZ | 18 38 34 | S.H. |
| 29. | ePZ | 07 39 40 | S.H. |
| 30. | iPZ | 04 29 46.0 | D. G. |
| | eSN | 35 56 | G. |
| | D = 4530 Km. | | |

USCGS:

H: 04 22 01.5 h : 3 Km.
 31.7 N., 100.3 E.
 Szechwan Province China.

- | | | | |
|-----|------|------------|-------|
| 30. | eiPZ | 11 16 31.0 | D. G. |
|-----|------|------------|-------|

30. iPZ 13 44 49.5 C. S.H.,G.
eisSN 54 10.0 G.
D = 8010 Km.

USCGS:

H: 13 33 26.4 h : 33 Km.
45.4 N., 151.5 E.
Kurile Islands.
Mag. 5.5(CGS).

30. eiPZ 20 14 53.5 D. S.H.
D = 8000 Km.

USCGS:

H: 20 03 31.7 h : 33 Km.
45.3 N., 151.4 E.
Kurile Islands.
Mag. 4.5(CGS).

31. ePZ 13 16 08 S.H.
Local Shock.

31. ePZ 15 48 53 S.H.

31. ePZ 17 26 42 S.H.

31. ePZ 19 14 50 S.H.

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Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63570
Height 1360M. c = 0.58146

SEPTEMBER 1967

- 1. ePZ 13 14 28 S.H.
- 1. iPZ 15 13 23.7 C. S.H.
- 1. ePZ 19 41 30 S.H.
- 1. eiPZ 22 52 57.0 D. S.H.
- 1. ePZ 23 38 41 S.H.
- 2. ePZ 07 58 (27) S.H.
- 2. iPZ 08 02 55.8 C. S.H.
eSEN 03 40 S.H.,G.
D = 335 Km.

USCGS:
H: 08 02 09 h : 33 Km.
36.8 N., 55.1 E.
IRAN.

- 2. ePZ 14 36 33 S.H.
- 5. ePZ 06 49 21 S.H.
- 5. ePZ 07 05 29 S.H.
- 5. ePZ 07 13 (26) S.H.
- 5. ePZ 07 24 25 S.H.
- 5. ePZ 08 35 11 S.H.
D = 2190 Km.

USCGS:
H: 08 31 01.1 h : 24 Km.
36.7 N., 29.3 E.
Turkey.
Mag. 4.4(CGS).

- 5. ePZ 10 15 21 S.H.

- 8. iPZ 22 50 22.0 D. S.H.
ePPZ 53 10 G.
eiScSE 23 00 26.0 G.
esPSE 01 58 G.
D = 9220 Km.

USCGS:
H: 22 37 39.5 h : 27 Km.
12.2 N., 140.8 E.
West Caroline Island.
Mag. 5.4-5.6(BRK), 5 1/2(GOL),
5.3(CGS).

- 9. ePZ 08 49 51 S.H.
D = 9220 Km.

USCGS:
H: 08 37 50.4 h : 241 Km.
18.0 N., 145.5 E.
Mariana Islands.
Mag. 5.2(CGS).

- 9. eiPZ 08 57 49.0 D. S.H.
- 9. eiP'Z 10 24 40.0 D. S.H.
ePPZE 26 36 G.
eSKPNE 27 15 G.
i?E 28 00.0 G.
ePKSN 12 G.
eipPPZ 33.0 G.
ePPPZ 29 15 G.
eisPPZ 34.5 G.
epKSN 30 30 G.
esKSE 34 57 G.
ePSCSNE 36 31 G.
ePKKSEN 38 27 G.
D = 13740 Km.

USCGS:
H: 10 06 44.1 h : 578 Km.
27.7 S., 63.1 W.
Santiago Del Estere Prov., Arg.
Mag. 5.0-5.2(BRK), 5.8(CGS).

9. ePZ 14 56 18 S.H.
 ePcPZ 23 S.H.,G.
 ePPZ 59 18 G.
 eSKSE 15 06 43 G.
 ePSE 07 08 G.
 esPSN 23 G.
 D = 9160 Km.
USCGS:
 H: 14 43 57.7 h : 33 Km.
 12.3 N., 140.7 E.
 West Caroline Islands.
 Mag. 5.4(CGS).
9. eP'efZ 17 12 02 S.H.
 eSKSN 18 46 G.
 D = 18330 Km.
USCGS:
 H: 16 52 01.3 h : 33 Km.
 54.8 S., 136.0 W.
 South Pacific Cordillera.
 Mag. 6 1/2(PAS), 5.4(CGS).
10. ePZ 22 59 02 S.H.
11. ePZ 06 15 36 S.H.
 ePcPZ 20 47 G.
 D = 1700 Km.
USCGS:
 H: 06 12 00.5 h : 36 Km.
 27.5 N., 66.4 E.
 West Pakistan.
 Mag. 4.6(CGS).
11. ePZ 07 23 56 S.H.
13. ePZ 15 45 05 S.H.
13. iPZ 18 53 14.0 C. S.H.
 eisPZ 24.5 S.H.
 eiPPZ 56 09.5 S.H.
 D = 8700 Km.
USCGS:
 H: 18 41 15.4 h : 34 Km.
 52.7 N., 172.5 E.
 Near Islands, Aleutian.
 Islands.
 Mag. 5.(GOL),5.7(CGS).
13. ePZ 21 52 55 S.H.
14. ePZ 14 51 53 S.H.
 eSZ 53 38 S.H.
 D = 1000 Km.
USCGS:
 H: 14 49 41.9 h : 33 Km.
 28.4 N., 57.1 E.
 Southern IRAN.
 Mag. 4.7(CGS).
15. eiPZ 00 39 45.0 C. S.H.
 eSN 48 41 G.
 esSNE 57 G.
 ePSNE 49 12 G.
 D = 7720 Km.
USCGS:
 H: 00 28 39.8 h : 59 Km.
 35.6 N., 140.4 E.
 Near East Coast of Honshu,
 JAPAN.
 Mag. 4.7-5.1(BRK),5.2(CGS).
15. eiPZ 10 39 40.0 C. S.H.
 epPZ 53 S.H.
 ePPZ 41 04 S.H.
 eisSNE 45 16.0 G.
 esSEN 34 G.
 D = 3920 Km.
USCGS:
 H: 10 32 48.7 h : 57 Km.
 27.4 N., 91.8 E.
 Bhutan.
 Mag. 5.8(CGS).
16. eiPZ 04 09 16.5 C. S.H.
 D = 2680 Km.
USCGS:
 H: 04 03 58.0 h : 0 Km.
 50.0 N., 77.8 E.
 Eastern Kazakh SSR.
 Mag. 5.3(CGS).
16. ePZ 08 44 (20) S.H.
18. ePZ 02 08 04 S.H.
 D = 2570 Km.
USCGS:
 H: 02 02 59.8 h : 33 Km.
 15.7 N., 39.0 E.
 Ethiopia.
 Mag. 4.8(CGS).

19. ePZ 05 59 14 S.H.

19. eiPZ 11 07 09.0 C. S.H.
 eiPcPZ 29.0 S.H.,G.
 eisPcPZ 08 08.0 S.H.
 ePPZ 09 43 S.H.,G.
 iSN 16 10.5 G.
 eSPZ 17 04 G.
 eiSSN 20 39.0 G.
 D = 7690 Km.

USCGS:

H: 10 56 08.6 h : 84 Km.
 43.0 N., 145.2 E.
 Hokkaido, Japan Region.
 Mag. 6 1/2(PAS), 6.2-6.6(BRK), 6 1/4-
 6 1/2(PAL), 5.9(CGS).

20. ePZ 00 43 35 S.H.
 D = 7550 Km.

USCGS:

H: 00 32 44.3 h : 94 Km.
 36.0 N., 139.9 E.
 Honshu, Japan.
 Felt in the Tokyo Area.
 Mag. 4.9(CGS).

20. eP'Z 09 58 23 G.
 esPKPZ 38 G.
 ePPZ 10 00 37 G.
 eiSKPZ 01 49.0 G.
 epPKSNE 02 05 G.
 esPPPZ 03 53 G.
 eSKSN 05 23 G.
 eSKKSN 07 29 G.
 D = 14550 Km.

USCGS:

H: 09 39 15.2 h : 30 Km.
 49.8 S., 163.4 E.
 Auckland Islands Region, Felt on
 Campbell Island.
 Mag. 6 1/4(PAS), 6.3-6.7(BRK),
 6.1(CGS).

21. ePZ 05 53 32 S.H.

21. ePZ 11 14 35 S.H.
 esZ 57 S.H.

21. ePZ 18 41 05 S.H.
 D = 2270 Km.

USCGS:

H: 18 36 26 h : 16 Km.
 179 N., 40.0 E.
 Red Sea.
 Mag. 4.4(CGS).

22. eiPZ 05 09 16.5 C. S.H.
 D = 2680 Km.

USCGS:

H: 05 03 57.9 h : 0 Km.
 50.0 N., 77.6 E.
 Eastern Kazakh SSR.
 Mag. 5.3(CGS).

22. eiPZ 08 19 46.0 C. S.H.
 D = 8370 Km.

USCGS:

H: 08 08 04.3 h : 33 Km.
 0.7S., 20.1 W.
 Central Mid-Atlantic Ridge.
 Mag. 5.3(CGS).

22. eiPZ 10 29 14.0 C. S.H.
 epPZ 23 S.H.
 ePcPZ 33 S.H.,G.
 epPcPZ 43 S.H.
 ePPZ 30 45 G.
 eiSNE 08 32.0 G.
 D = 7830 Km.

USCGS:

H: 10 17 59.9 h : 60 Km.
 44.5 N., 149.4 E.
 Kurile Islands.
 Mag. 5.3-5.7(BRK), 5.9(PAL),
 5.6(CGS).

22. ePZ 12 46 08 S.H.

22. ePZ 16 10 02 S.H.

22. eiPZ 22 15 32.0 D. S.H.
D = 1820 Km.

USCGS:

H: 22 11 48 h : 127 Km.
36.2 N., 71.4 E.
Afghanistan USSR Bonder Region.
Mag. 4.7(CGS).

23. ePZ 00 28 58 S.H.
eSE 29 35 S.H.

23. ePZ 09 09 58 S.H.

23. ePZ 10 47 51 S.H.

23. ePZ 13 21 37 S.H.

25. ePZ 00 45 34 S.H.

25. ePZ 09 23 40 S.H.
D = 9260 Km.

USCGS:

H: 09 11 37.7 h : 252 Km.
17.0 N., 145.4 E.
Mariana Islands.
Mag. 4-4.4(BRK), 5.1(CGS).

26. ePZ 16 30 34 S.H.
ePZ 41 S.H.
esPKP₁Z 48 S.H.

epPKP₂Z 52 G.
e?ZE 32 57 G.

eiPPEZ 34 03.0 G.
epPPEZ 16 G.
eSKKKS_N 41 06 G.
D = 14780 Km.

USCGS:

H: 16 11 23.9 h : 55 Km.
30.0 S., 71.5 W.
Near Coast of Central Chile.
Mag. 6 3/4(PAS), 5.8-6.0(BRK).

27. ePZ 07 29 10 S.H.
ePPZ 25 S.H.
ePPPZ 37 S.H.
eSE 32 43 G.
D = 2280 Km.

USCGS:

H: 07 24 30 h : 20 Km.
34.4 N., 26.6 E.
Crete.
Mag. 4.7(CGS).

27. ePZ 08 40 01 S.H.

28. ePZ 02 58 58 S.H.
eSE 03 03 06 G.
eSSEN 40 G.
eScPZ 06 10 G.
esPcPZ 31 G.
i?E 07 11.0 G.
D = 2630 Km.

USCGS:

H: 02 53 48.4 h : 33 Km.
42.0 N., 79.5 E.
Alma-Ata Region.
Mag. 4.8(CGS).

28. ePZ 05 10 56 S.H.
D = 11550 Km.

USCGS:

H: 04 56 56.3 h : 44 Km.
6.6 S., 153.4 E.
New Britain Region.
Felt at Raboul, Sohanc and Piva.
Mag. 6.1-6.3(BRK), 6.5(PAS),
6.9(GOL), 5.9(CGS).

28. eiPZ 07 49 26.5 D. S.H.
eSE 50 12 S.H.

28. eiPZ 15 57 25.0 C. S.H.
ePPZ 16 00 39 S.H.
iScSNE 07 52.6 G.
ePSN 08 50 G.
D = 9330 Km.

USCGS:

H: 15 44 55.7 h : 28 Km.
59.5 N., 147.1 W.
Gulf of Alaska. Felt on Middleton
Islands.
Mag. 5.4-5.8(BRK), 5.6(CGS).



29. ePZ 17 40 35 S.H.
D = 7500 Km.

Atlantic - Indian Rise.
Mag. 5.0(CGS).

USCGS:

H: 17 29 40.1 h : 33 Km.
31.8 S., 57.3 E.

30. ePZ 11 57 44 S.H.
Local Shock.

9. eP¹Z 17 39 49 G.
 iP¹Z 40 00.0 D. G.
 ePPZ 42 26 G.
 eiPKSN 43 45 G.
 pPKSN 44 03.0 G.
 epPPZN 34 G.
 D = 15980 Km.

USCGS:

H: 17 21 49.5 h : 654 Km.
 21.1 S., 179.3 W.
 Fiji Islands Region.
 Mag. 7-7 $\frac{1}{2}$ MB(PAS), 6.9-7.1(BRK)

10. ePZ 13 44 38 S.H.
 e(S)E 45 11 S.H.

11. ePZ 16 03 50 S.H.
 eSNE 13 28 G.
 ePPNE 14 16 G.
 D = 8200 Km.

USCGS:

H: 15 52 16.8 h : 32 Km.
 30.4 N., 142.6 E.
 South of Honshu, Japan.
 Mag. 5.5(CGS).

11. eiP¹Z 06 53 16.0 C. G.
 eiPPZ 55 45.0 S.H., G.
 eiSPZ 07 05 06.0 S.H.
 D = 14950 Km.

USCGS:

H: 06 35 06.7 h : 636 Km.
 21.1 S., 179.2 W.
 Fiji Islands Region.
 Mag. 6(PAS), 5.6(CGS).

11. iPZ 13 04 05.0 D. S.H., G.
 eiSE 12 32.0 G.
 D = 7610 Km.

USCGS:

H: 12 53 46.9 h : 476 Km.
 52.2 N., 152.5 E.
 North West of Kurile Islands.
 Mag. 6(PAS), 5.5-5.9(BRK), 5.5(CGS).

12. eiPZ 18 44 08.0 C. S.H., G.
 ePPZ 47 28 G.
 eSE 54 25 G.
 D = 9420 Km.

USCGS:

H: 18 31 37.1 h : 45 Km.
 7.1 S., 129.8 E.
 Banda Sea.
 Mag. 6.2(CGS).

14. ePZ 23 37 13 S.H.
 e(S)E 43 28 G.
 D = 4570 Km.

USCGS:

H: 23 20 30.0 h : 33 Km.
 3.3 S., 38.2 E.
 Kenya.
 Felt Widely.
 Mag. 5.2(CGS).

15. ePZ 06 41 31 S.H.
 eSN 45 36 G.
 D = 2420 Km.

USCGS:

H: 06 36 40 h : 33 Km.
 14.7 N., 56.4 E.
 Arabian Sea.
 Mag. 5.1(CGS).

15. eP¹Z 08 19 12 S.H.
 ePPZ 20 21 S.H.
 epPPZ 35 G.
 esPPPZ 23 01 S.H.
 D = 12780 Km.

USCGS:

H: 08 00 50.3 h : 162 Km.
 11.9 N., 86.0 W.
 Near Coast of Nicaragua,
 Felt Along West Coasts of Nicaragua
 and Costa Rica.
 Mag. 6 $\frac{3}{4}$ (PAS), 6.6-6.9(BRK)
 6 $\frac{1}{4}$ (PAL), 6 $\frac{1}{4}$ -6 $\frac{1}{2}$ (GOL), 6.2(CGS).

15. eiPZ 08 29 42.5 C. S.H., G.

15. iPZ 18 05 13.0 D. S.H.
 eiSE 19.0 S.H.

16. eiPZ 17 09 46.0 S.H.
 eSE 19 29 G.
 esSE 49 G.
 D = 8610 Km.

USCGS:

H: 16 58 02.0 h : 120 Km.
 Halmahera.
 Mag. 5.6(CGS)

16. ePZ 20 26 28 S.H.
 D = 6100 Km.

USCGS:

H: 20 16 56.1 h : 18 Km.
 17.3 S., 66.6 E.
 Mascarene Islands Region.
 Mag. 5.2(CGS).

16. eP'Z 21 32 17 S.H.
 D = 16720 Km.

USCGS:

H: 21 12 34 h : 33 Km.
 41.1 S., 85.5 W.
 West Chile Rise.
 Mag. 4.4(CGS).

16. eiPZ 23 42 21.0 S.H.
 D = 7980 Km.

USCGS:

H: 23 31 00 h : 33 Km.
 43.9 N., 150.1 E.
 Kurile Islands Region.
 Mag. 4.3(CGS).

17. ePZ 00 49 01 S.H.

17. iPZ 05 09 17.5 C. S.H.
 D = 2690 Km.

USCGS:

H: 05 03 58.0 h : 0 Km.
 49.8 N., 78.1 E.
 Eastern Kazakh SSR.
 Mag. 5.7(CGS).

17. ePZ 19 12 28 S.H.
 e?Z 13 13 S.H.

17. ePZ 21 16 07 S.H.
 e?E 24 36 G.
 eSN 53 G.
 D = 7320 Km.

USCGS:

H: 21 05 22.5 h : 33 Km.
 17.2 N., 121.8 E.

Luzon, Philippine Islands.
 Mag. 5.4(CGS).

18. eiPZ 01 20 24.5 C. S.H.,G.
 ePPZ 22 04 S.H.,G.
 esPPPZ 23 16 G.
 eSE 26 15 G.
 D = 5370 Km.

USCGS:

H: 01 11 45 h : 33 Km.
 79.8 N., 2.4 E.
 Greenland Sea.
 Mag. 63/4(PAS), 5.8-6.2(BRK)
 6 3/4(GOL), 5.7(CGS).

18. ePZ 03 43 48 S.H.
 Trace.

18. ePZ 04 48 24 S.H.
 e(S)E 49 54 S.H.

18. e(P)Z 22 26 02 S.H.
 e?Z 29 16 S.H.
 Trace of Distant Shock.

19. ePZ 08 42 24 S.H.

19. ePZ 09 11 20 S.H.
 e(S)E 12 21 G.

20. ePZ 01 21 25 S.H.
 Trace.

20. ePZ 06 50 08 S.H.
 D = 1180 Km.

USCGS:

H: 06 47 38.0 h : 33 Km.
 37.9 N., 37.7 E.
 Turkey.
 Mag. 4.8(CGS).

20. ePZ 07 50 42 S.H.

21. iPZ 05 07 20.0 C. S.H.,G.
 eSN 13 39 G.
 D = 4230 Km.

USCGS:

H: 04 59 58.1 h : 0 Km.
73.4 N., 54.8 E.
Novaya Zemlya.
Mag. 5.9(CGS).

23. ePE 00 23 19 S.H.
Local Shock.

23. iPZ 08 37 44.3 D. S.H.
eiSN 46 31.0 G.
D = 8040 Km.

USCGS:

H: 08 27 06.2 h : 463 Km.
28.9 N., 139.1 E.
Bonin Islands Region.
Mag. 5.5-5.7(BRK), 5.3(CGS).

24. ePZ 11 01 21 S.H.
D = 6710 Km.

USCGS:

H: 10 51 15.1 h : 63 Km.
3.1 S., 101.5 E.
Southern Sumatra.
Mag. 5.5(CGS).

25. eiPZ 01 09 32.0 C. S.H., G.
ePcPZ 10 14 G.
esPPPPZ 13 50 G.
eSPZ 17 50 G.
D = 6730 Km.

USCGS:

H: 00 59 22.6 h : 65 Km.
24.5 N., 122.2 E.
Taiwan Region.
2 Killed, 3 injured and Major,
Property Damage.
Mag. 6.2-6.5(BRK), 7.0(GOL),
6.0(CGS).

26. eiPZ 00 32 35.5 C. G.
ePcPZ 33 15 G.
esPZ 40 49 G.
D = 6850 Km.

USCGS:

H: 00 22 21.6 h : 63 Km.
24.5 N., 122.2 E.
Taiwan Region.
Felt at Taipei.
Mag. 5.6(CGS).

26. eiPZ 04 59 47.0 C. G.
epPZ 05 00 08 G.
D = 2000 Km.

USCGS:

H: 04 54 38.3 h : 35 Km.
37.3 N., 29.1 E.
Turkey.
Mag. 5.1(CGS).

26. eiPZ 17 33 55.5 C. G.
D = 8370 Km.

USCGS:

H: 17 22 05.3 h : 42 Km.
0.2 S., 125.2 E.
Molucca Sea.
Mag. 5.6(CGS).

27. ePZ 08 06 19 S.H.
e(S)E 07 31 S.H.
D = 450 Km.

USCGS:

H: 08 05 14 h : 68 Km.
34.3 N., 46.2 E.
Western Iran.
Mag. 5.0(CGS).

27. ePZ 14 38 46 S.H.

31. ePE 17 29 55 S.H.

S.H.

31. ePZ 21 14 13 G.
D = 3360 Km.

USCGS:

H: 21 08 07.2 h : 33 Km.
37.8 N., 14.6 E, Sicily.
Slight property damage at
Mistretta, Felt Widely.
Mag. 4.8(CGS).

USCGS:

H: 19 57 26.1 h : 136 Km.
37.0 N., 71.7 E.
Afghanistan - USSR Border, Region.
Mag. 5.3(CGS).

7. ePZ 22 08 00 S.H.
Local Shock.

8. ePZ 17 21 46 G.
D = 9130 Km.

USCGS:

H: 17 09 27.1 h : 29 Km.
51.1 N., 178.5 E.
Rat Islands, Aleutian Is.
Mag. 5.3-5.5(BRK), 5.3(CGS).

8. ePE 22 45 01 S.H.

9. ePZ 02 29 59 G.
eSE 39 15 G.
D = 8920 Km.

USCGS:

H: 02 18 45.5 h : 560 Km.
7.2 S., 123.6 E.
Banda Sea.
Mag. 5.8(CGS).

9. ePZ 07 59 50 S.H.
D = 9470 Km.

USCGS:

H: 07 47 16.0 h : 40 Km.
54.8 N., 162.1 W.
Alaska Peninsula/
Mag. 4.7(CGS).

10. ePZ 02 51 25 G.
eSE 51 S.H.
D = 200 Km.

USCGS:

H: 02 50 56 h : 33 Km.
36.0 N., 53.8 E.
Iran.
Mag. 5.0(CGS).

10. ePZ 16 55 09 S.H.

10. ePZ 18 46 56.0 C. S.H.
eSE 53 32 G.
D = 5060 Km.

USCGS:

H: 18 38 37.6 h : 32 Km.
6.0 S., 71.4 E.
Chagos Archipelago Region.
Mag. 5.4(CGS).

11. ePZ 12 04 13 S.H.
eSE 10 59 G.
D = 5060 Km.

USCGS:

H: 11 55 55.6 h : 37 Km.
6.0 S., 71.4 E.
Chagos Archipelago Region.
Mag. 5.6(CGS).

11. ePZ 12 23 16 S.H.
D = 5060 Km.

USCGS:

H: 12 14 57.3 h : 34 Km.
6.0 S., 71.3 E.
Chagos Archipelago Region.
Mag. 5.7(CGS), 5.7-5.9(BRK)

11. ePZ 15 13 29 S.H.
D = 5060 Km.

USCGS:

H: 15 05 10.3 h : 33 Km.
6.1 S., 71.3 E.
Chagos Archipelago Region.
Mag. 5.3(CGS).

11. ePZ 18 08 19 S.H.
eSE 15 04 G.
D = 5060 Km.

USCGS:

H: 18 00 00.7 h : 33 Km.
6.1 S., 71.4 E.
Chagos Archipelago Region.
Mag. 5.7(CGS).

12. ePZ 10 44 19 S.H.
eSE 47 30 G.
D = 1810 Km.

USCGS:

H: 10 40 36 h : 98 Km.
36.3 N., 71.4 E.
Afghanistan-USSR Border Region.
Mag. 5.1(CGS).

12.	ePZ	17 43 35	S.H.	19.	ePZ	12 18 08	G.
					eSNE	27 07	G.
13.	ePZ	06 54 48	G.		D = 7770 Km.		
		D = 2060 Km.		<u>USCGS:</u>			
	<u>USCGS:</u>	H: 06 50 33.8 h : 46 Km.			H: 12 06 59.5 h : 41 Km.		
		37.9 N., 29.1 E.			36.4 N., 141.1 E.		
		Turkey.			Near East Coast of Honshu,		
		Mag. 4.6(CGS).			Japan, Felt at Tokyo.		
					Mag. 5.5(CGS).		
13.	ePZ	12 55 33	S.H.	19.	eP'Z	17 47 24	G.
		Local Shock.			D = 14220 Km.		
13.	ePE	23 24 09	S.H.	<u>USCGS:</u>			
	eSE	33	S.H.		H: 17 29 20.9 H : 33 Km.		
14.	ePE	19 37 13	S.H.		22.6 S., 170.9 E.		
		Local Shock.			Loyalty Islands Region.		
					Mag. 5.2(CGS).		
15.	ePE	17 44 52	S.H.	20.	ePE	06 25 52	S.H.
		Local Shock.		20.	ePE	10 59 53	S.H.
15.	ePZ	19 37 12	G.	20.	ePE	21 00 32	S.H.
		D = 620 Km.		21.	ePE	10 52 50	S.H.
<u>USCGS:</u>		H: 19 35 46.3 h : 10 Km.		21.	ePE	15 06 23	S.H.
		30.7 N., 51.4 E.			eSNE	07 32	G.
		Iran.			D = 670 Km.		
		Mag. 4.6(CGS).		<u>USCGS:</u>			
15.	eP'Z	21 51 05	G.		H: 15 04 54.7 h : 33 Km.		
		D = 14630 Km.			30.8 N., 50.4 E.		
<u>USCGS:</u>		H: 21 31 51.5 h : 15 Km.			Iran.		
		28.7 S., 71.2 W.			Mag. 4.6(CGS).		
		Near Coast of Central Chile Slight		21.	ePZ	17 10 26	G.
		damage at Coguimbo. Felt in			ePPZ	12 10	G.
		Central Area.			D = 4820 Km.		
		Mag. 6-6 $\frac{1}{4}$ (PAS), 5.7(BRK), 6-6 $\frac{1}{4}$ (GOL),		<u>USCGS:</u>			
		6.2(CGS).			H: 17 02 25.0 h : 33 Km.		
18.	ePZ	02 36 43	G.		72.2 N., 8.5 E.		
	eSNE	40 55	G.		Norwegian Sea.		
		D = 2620 Km.			Mag. 5.3(GOL), 5.5(CGS).		
<u>USCGS:</u>		H: 02 31 35.4 h : 43 Km.		22.	ePE	03 24 57	S.H.
		35.2 N., 23.1 E.			Local Shock.		
		Crete.		22.	ePE	06 19 03	S.H.
		Mag. 4.5(CGS).					

23. ePZ 08 40 40 G.
 ePPZ 41 04 G.
 eSE 44 40 G.
 D = 2360 Km.

USCGS:

H: 08 35 49.5 h : 3 Km.
 14.5 N., 52.1 E.
 Eastern Gulf of Aden
 Mag. $6 \frac{3}{4}$ (PAS), $6 \frac{3}{4}$ -7(GOL).

23. ePZ 13 50 53 G.
 ePPZ 52 45 G.
 D = 5470 Km.

USCGS:

H: 13 42 01.6 h : 10 Km.
 80.2 N., 1.0W.
 North of Svlbard.
 Mag. $6 \frac{1}{4}$ (PAS), $6 \frac{3}{4}$ -7(GOL),
 5.8(CGS).

24. ePZ 00 51 55 G.
 eSE 52 53 S.H.,G.

25. ePZ 16 06 30 G.
 D = 2350 Km.

USCGS:

H: 16 01 46.1 h : 39 Km.
 14.6 N., 52.1 E.
 Eastern Gulf of Aden.
 Mag. 4.8(CGS).

25. ePE 23 22 03 S.H.
 Local Shock.

26. ePZ 00 19 00 G.
 D = 7430 Km.

USCGS:

H: 00 08 09.8 h : 33 Km.
 28.6 N., 130.0 E.
 Ryukyu Islands Felt on Amami Oshima.
 Mag. 5.7(CGS).

26. ePZ 03 05 16 G.
 eSNE 14 28 G.
 D = 8020 Km.

USCGS:

H: 02 53 57.8 h : 80 Km.
 8.1 S., 112.9 E.
 Java.
 Mag. 5.7(CGS).

27. ePE 00 06 03 S.H.
 eSE 24 S.H.

27. ePZ 13 09 09 G.
 D = 2440 Km.

USCGS:

H: 13 04 16 h : 33 Km.
 12.1 N., 52.0 E.
 Eastern Gulf of Aden.
 Mag. 5.1(CGS).

28. ePZ 02 47 18 G.
 eSNE 55 51 G.
 D = 7140 Km.

USCGS:

H: 02 36 54.1 h : 125 Km.
 32.1 N., 130.8 E.
 Kyushu, Japan.
 Mag. 5-5.2(BRK), 5.6(CGS).

30. ePZ 07 29 12 G.
 ePPZ 46 G.
 eSE 33 25 G.
 esSE 44 G.
 D = 2760 Km.

USCGS:

H: 07 23 51.5 h : 29 Km.
 41.5 N., 20.5 E.
 Albania, 11 killed and 134
 Injured at Peshkopi, Albania.
 7 killed and 40 injured at Debar,
 Yugoslavia Considerable Damage
 in Peshkopi-Debar Area.
 Mag. $6 \frac{1}{2}$ (PAS), 6.6-6.8(BRK), $6 \frac{3}{4}$
 (PAL) $6 \frac{1}{2}$ - $6 \frac{3}{4}$ (GOL), 6.0(CGS).

SEISMOLOGICAL BULLETIN OF
INSTITUTE OF GEOPHYSICS
TEHRAN UNIVERSITY, IRAN

Lat. 35°44'16" N a = + 0.50773
Long. 51 23'08" E. b = + 0.63570
Height..... 1360 M. c = + 0.58146

DECEMBER 1967

1. iPZ 14 08 09.5 C. G. 22.5 N., 94.8 E.
eSNE 17 16 G. Burma.
ePSNE 55 G. Mag. 5.2(CGS).
D = 7930 Km.

USCGS:

H: 13 57 02.4 h : 136 Km.
49.5 N., 154.4 E.
Kurile Islands.
Mag. 5.4-5.6(BRK), 6¼(GOL),
5.9(CGS).

6. ePZ 07 50 20 S.H.
eSE 42 S.H.

6. ePZ 20 04 40 S.H.
eSE 05 00 S.H.

6. ePZ 22 29 28 S.H.
D = 4410 Km.

USCGS:

H: 22 21 56.8 h : 33 Km.
1.2 S., 67.5 E.
Carlsberg Ridge.
Mag. 5.5(CGS).

10. ePZ 07 33 10 S.H.
Local Shock.

10. iPZ 10 53 20.5 C. S.H.
eiSE 46.0 G.
D = 180 Km.

USCGS:

H: 10 52 52.1 h : 51 Km.
36.0 N., 53.6 E.
Iran.
Mag. 5.0(CGS).

10. ePZ 18 50 55 S.H.
eSN 56 49 G.
D = 4440 Km.

USCGS:

H: 18 43 34.4 h : 158 Km.

10. eiPZ 22 57 07.0 D. S.H.,G.
epPZ 16 S.H.
eSN 23 01 40 S.H.
D = 3020 Km.

USCGS:

H: 22 51 24.3 h : 33 Km.
17.7 N., 73.9 E.
India, about 100 killed, 1300
Injured, Major damage at Koyna
Nagar and Felt in a wide Area of
southwestern India.
Mag. 6½(PAS), 6.4-6.6(BRK),
6¼-6½(GOL), 6.0(CGS).

11. ePZ 01 18 03 S.H.
eSE 19 53 S.H.

11. ePZ 02 12 41 S.H.
Local Shock.

11. ePZ 19 09 48 S.H.
eiSPcPN 13 59 G.
D = 2370 Km.

USCGS:

H: 19 05 02 h : 33 Km.
14.9 N., 56.0 E.
Arabian Sea.
Mag. 4.5(CGS).

11. eiPZ 19 53 37.5 C. S.H.,G.
esSNE 57 44 G.
eSSSN 58 24 G.
D = 2450 Km.

USCGS:

H: 19 48 43.3 h : 33 Km.
13.7 N., 51.6 E.
Eastern Gulf of Aden.
Mag. 5.2(CGS).

11. iPZ 22 35 06.7 C. S.H.,G.
 eipPZ 13.5 S.H.
 esPZ 23 S.H.
 ePPZ 30 S.H.
 isSE 39 13.4 G.
 D = 2380 Km.

USCGS:
 H: 22 30 18.3 h : 33 Km.
 13.6 N., 51.6 E.
 Eastern Gulf of Aden.
 Mag. 5.6(CGS).

12. eiPZ 06 24 22.5 C. G.
 ei(sS)E 29 12.0 G.
 D = 3020 Km.

USCGS:
 H: 06 18 37.9 h : 29 Km.
 17.9 N., 73.9 E.
 India.
 Mag. 5.4(CGS).

12. ePZ 15 54 44 G.
 D = 3090 Km.

USCGS:
 H: 15 48 55.5 h : 27 Km.
 17.4 N., 73.9 E.
 India.
 Felt.
 Mag. 5.0(CGS).

13. eiPZ 10 49 32.0 C. S.H.,G.
 D = 7950 Km.

USCGS:
 H: 10 38 23.4 h : 124 Km.
 47.6 N., 152.6 E.
 Kurile Islands.
 Mag. 5.5(CGS).

13. eiPZ 11 09 28.5 C. S.H.
 D = 7890 Km.

USCGS:
 H: 10 58 21.6 h : 138 Km.
 49.4 N., 154.5 E.
 Kurile Islands.
 Mag. 5.1(CGS).

13. eiPZ 17 58 16.5 D. S.H.
 D = 7500 Km.

USCGS:
 H:17 47 51.2 h : 312 Km.
 47.1 N., 145.7 E.
 Sea of Okhotsk.
 Mag. 4.8(CGS).

13. ePZ 20 33 48 S.H.

14. iPZ 02 25 15.0 C. S.H.
 esSE 29 09 G.
 eSSE 23 G.
 D = 3100 Km.

USCGS:
 H: 02 20 27.9 h : 33 Km.
 14.3 N., 53.7 E.
 Arabian Sea.
 Mag. 4.9(CGS).

14. ePZ 02 53 12 S.H.

14. ePZ 02 59 30 S.H.

14. ePZ 08 40 13 S.H.

16. eiPZ 21 05 22.5 C. G.
 D = 8030 Km.

USCGS:
 H: 20 53 58.3 h : 24 Km.
 51.2 N., 157.7 E.
 Near East Coast of Kamchatka,
 Felt.
 Mag. 5.5(CGS).

17. eiPZ 00 29 01.5 C. G.
 esPZ 13 G.
 eSN 32 04 G.
 eSSE 13 G.
 D = 1810 Km.

USCGS:
 H: 00 25 15.1 h : 82 Km.
 36.5 N., 71.4 E.
 Afghanistan - USSR Border
 Region.
 Mag. 5.2(CGS).

18. ePZ 12 49 33 S.H.

18. ePZ 14 16 40 S.H.

18. eP₁Z 22 50 32 S.H.
 eP₂Z 37 S.H.
 eP₃Z 41 S.H.
 eS₁E 53 S.H.
 eS₂E 56 S.H.
 D = 470 Km.

USCGS:

H: 22 49 27.6 h : 39 Km.
 33.6 N., 46.9 E.
 Iran - Iraq Border Region.
 Mag. 5.0(CGS).

19. ePZ 02 05 51 S.H.
 iSE 06 12.3 S.H.

19. eiPZ 03 27 39.0 D. S.H.
 eSSN 31 54 G.
 D = 1850 Km.

USCGS:

H: 03 23 49.6 h : 89 Km.
 37.5 N., 72.0 E.
 Todzhik - SSR
 Mag. 5.5(CGS).

19. ePZ 07 48 06 S.H.
 eSE 28 S.H.

19. ePZ 08 37 48 S.H.
 D = 2700 Km.

USCGS:

H: 08 32 30.9 h : 19 Km.
 41.5 N., 20.4 E.
 Albania.
 Felt at Debar, Yugoslavia.
 Mag. 4.8(CGS).

20. ePZ 11 42 39 S.H.
 D = 5030 Km.

USCGS:

H: 11 34 25.9 h : 61 Km.
 11.8 N., 93.0 E.
 Andaman Islands Region.
 Mag. 5.4(CGS).

20. eiPZ 23 01 02.5 C. S.H.
 Local Shock.

21. ePZ 00 14 59 S.H.

21. ePZ 02 08 07 S.H.

21. eP'Z 02 44 26 S.H.
 ePPZ 46 18 G.
 esPPZ 32 G.
 ePKSE 47 55 G.
 D = 14300 Km.

USCGS:

H: 02 25 21.6 h : 33 Km.
 21.8 S., 70.0 W.
 Near Coast of Northern Chile
 1 Killed 30 Injured, and Major
 Property damage, Atquillagué,
 and Tocopilla. Felt in Southern
 Bolivia and Northern Chile.
 Mag. 7.0(PAS), 7.0-7.3(BRK) 7½(PAL)
 7.0(GOL), 6.3(CGS).

21. ePZ 05 34 43 S.H.
 e(S)E 35 28 S.H.

21. ePZ 16 14 40 S.H.
 D = 7970 Km.

USCGS:

H: 16 03 20.5 h : 44 Km.
 49.2 N., 156.2 E.
 Kurile Islands.
 Mag. 4.4(CGS).

21. eiPZ 16 23 53.5 D. S.H.
 D = 8050 Km.

USCGS:

H: 16 12 30.7 h : 53 Km.
 49.1 N., 156.2 E.
 Kurile Islands.
 Mag. 4.8(CGS).

21. ePZ 23 51 18 S.H.
 D = 4890 Km.

USCGS:

H: 23 43 11.4 h : 33 Km.
 11.8 N., 93.1 E.
 Andaman Islands Region.
 Mag. 5.0(CGS).

22. ePZ 05 25 39 S.H.

24. eiPZ 20 16 50.0 D. G.
 ISKSNE 27 23.5 G.
 D = 10970 Km.

USCGS:

H: 20 03 10.9 h : 24 Km.
 17.4 N., 61.1 W.
 Leeward Islands.
 Mag. 6 3/4-7(PAS), 6.3-6.5(BRK),
 6 1/2(GOL), 6.4(CGS).

25. ePZ 01 37 27 S.H.
 ePPZ 41 41 G.
 epPPZ 54 G.
 eSN 49 00 G.
 D = 11460 Km.

USCGS:

H: 01 23 33.6 h : 64 Km.
 5.3 S., 153.7 E.
 New Ireland Region.
 Felt on Eastern New Britain.
 Mag; 6 3/4-7(PAS), 6.8-7.2(BRK),
 7 1/4(GOL).

25. eP'Z 11 00 35 S.H.
 ePPZ 02 46 G.
 eiSKSE 07 38.0 G.
 eSKKKSE 09 29 G.
 eSPZ 12 27 G.
 D = 14390 Km.

USCGS:

H: 10 41 31.6 h : 53 Km.
 21.5S., 70.4 W.
 Near Coast of Northern Chile.
 Felt at Tocopilla and Arequipa.
 Mag. 6 3/4(PAS), 5.8-6.2(BRK), 5 1/2-5
 3/4(GOL), 5.8(CGS).

26. ePZ 16 16 (08) S.H.
 Trace.

27. eiP'Z 09 36 46.0 D. G.
 esPPZ 39 21 G.
 eSKPZ 45 G.
 eiSKSE 43 41.0 G.
 eiSKKKSE 45 24.0 G.
 ePSNE 48 33 G.

eSKKPZ 49 35 G.
 eiSPP 59.0 G.
 eiPPSN 50 19.0 G.
 eSKKSN 53 24 G.
 ePKPPKPZ 54 50 G.
 eSSEN 55 30 G.

D = 14220 Km.

USCGS:

H: 09 17 55.7 h : 135 Km.
 21.2 S., 68.3 W.
 Chile - Bolivia Border Region.
 Felt Widely.
 Mag. 7(PAS), 6.6-7.0(BRK),
 6.4(CGS).

27. eiP'Z 16 42 17.0 C. G.
 ePKSE 45 48 G.
 epPKSE 57 G.
 esPKSN 46 14 G.
 eSKKSE 51 59 G.
 D = 15770 Km.

USCGS:

H: 16 22 48.5 h : 33 Km.
 22.3 S., 174.8 W.
 Tongo Islands Region.
 Mag. 6(PAS), 6.2(BRK), 6.1(CGS).

28. ePZ 13 16 13 S.H.
 Local Shock.

29. ePE 11 11 35 S.H.
 Local Shock.

31. ePZ 03 29 50 S.H.
 Local Shock.