

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

JANUARY 1966

1.	ePZ	11 09 16	S.H.		3.	ePZ Trace.	11 49 (56)	S.H.
2.	ePZ eSNE	00 01 56 02 35	S.H. S.H.		3.	ePZ Trace.	13 54 28	S.H.
2.	ePZ D = 7800 Km.	04 15 19	S.H.		3.	iPZ eiSN	14 06 58.6 07 23.5	D. S.H. S.H.
<u>USCGS:</u>					3.	ePZ	15 57 13	S.H.
H: 04 04 45.4 h: 394 Km. 31.3 N, 138.2 E. South of Honshu, Japan. Mag. 5.2(CGS).					4.	ePZ Trace.	07 55 22	S.H.
2.	iPZ D = 9510 Km.	05 04 52.2	C. S.H.,G.		4.	ePZ Trace.	17 57 (39)	S.H.
<u>USCGS:</u>					5.	eiPZ	08 39 43.5	C. S.H.
H: 04 52 17.1 h: 57 Km. 54.3 N, 164.5 W. Unimak Island Region. Mag. 5.3(CGS).					5.	eiPZ eisPZ ePPPZ eSNE e(SSS)NE D = 5040 Km.	17 29 45.5 59.5 32 08 36 29 40 28	C. S.H. S.H. S.H. G. G.
2.	ePZ eSNE	05 10 17 11 18	G. S.H.		<u>USCGS:</u>			
2.	ePZ eiSNE	05 28 14 55	S.H. S.H.		H: 17 21 28.4 h: 37 Km. 13.2 N, 95.5 E. Andaman Islands Region. Mag. 5.3(CGS).			
2.	ePZ ₁ eiP ₂ Z eiP ₃ Z eiS ₃ E eiS ₁ NE eiS ₂ NE eiS ₃ NE	16 34 22 41 52 35 17 40 55	S.H. S.H. S.H. S.H. S.H.		7.	eiPZ Trace.	02 03 04.0	S.H.
2.	ePZ Trace.	18 12 32	S.H.		7.	ePZ iSN	06 38 16 39 17.2	S.H. S.H.
2.	eiPZ eSE D = 2530 Km.	23 17 21.5 21 30	D. S.H. G.		8.	ePZ Trace.	17 31 44	S.H.
<u>USCGS:</u>					9.	ePZ ei(S)NE	00 22 15 24 40	S.H. S.H.
H: 23 12 18.8 h: 22 Km. 37.5 N, 23.4 E. Southern Greece Felt in Corinth Area. Mag. 4.9(CGS).					9.	eiPZ Trace.	03 15 17.5	S.H.



10. iPE 00 54 05.1 C. S.H.
 eiS₁NE 22.0 S.H.
 eiS₂NE 27.0 S.H.

10. ePZ 01 29 41 S.H.
 Trace.

10. ePE 04 09 20 S.H.
 eSNE 10 01 S.H.

10. ePNE 09 37 00 S.H.

10. ePNE 16 14 01 S.H.
 eSNE 15 32 S.H.

10. ePNE 17 55 04 S.H.

11. ePNE 03 22 18 S.H.

11. eiPE 14 27 32 C. G.
 ePPE 30 01 G.
 eSNE 36 35 G.
 D = 7530 Km.

USCGS:
 H: 14 16 32.2 h: 33 Km.
 33.7 N., 173.2 E.
 Near S. Coast of Honshu, Japan.
 Mag. 5.3(CGS).

13. eiPE 10 53 11.5 C. S.H.
 eiPcPE 22.0 S.H.
 eiS(PcP)E 29.0 S.H.
 eiPPE 56 05 S.H.
 eSNE 11 03 05 G.
 D = 8680 Km.

USCGS:
 H: 10 41 11.0 h: 14 Km.
 52.9N, 172.0 E.
 Near Islands, Alutian Islands.
 Mag. 5.6(CGS), 4-4½(BRK),
 5½-5¾(FAL).

14. ePE 08 39 32 S.H.

14. ePE 13 18 (52) S.H.
 Trace.

14. eiPE 18 44 05.0 C. S.H.

15. ePE 12 12 29 S.H.
 e(S)E 23 10 G.
 D = 9400 Km.

USCGS:
 H: 12 59 58.6 h: 33 Km.
 59.5 N, 144.6 W.
 Gulf of Alaska
 Mag. 5.3-5.5(BRK), 5.1(CGS).

15. ePE
 D = 2560 Km.

USCGS:
 H: 18 07 46.3 h: 39 Km.
 36.7 N, 23.1 E.
 Southern Greece
 Mag. 4.7(CGS).

16. ePE 07 16 27 S.H.
 D = 5220 Km.

USCGS:
 H: 07 07 56.9 h: 33 Km.
 9.2 N, 93.8 E.
 Nicobar Islands Region,
 Mag. 5.2(CGS).

16. iPE 09 23 48.0 C. S.H.
 eiPPE 58.0 S.H.
 eiSPE 24 02 S.H.
 eiPcP 24 05 S.H.,G.
 eiPPE 26 42.5 S.H.
 D = 8660 Km.

USCGS:
 H: 09 11 50.0 h: 25 Km.
 52.9 N, 171.9 E.
 Near Islands, Alutian Islands.
 Mag. 5.7(CGS).

16. iPE 18 56 45.0 D. S.H.
 ePPE 57 05 S.H.
 eiSNE 19 00 38.0 G.
 D = 2350 Km.

USCGS:
 H: 18 52 00.8 h: 33 Km.
 33.2 N, 26.2 E.
 Eastern Mediterranean Sea.
 Mag. 5.0 (CGS).

16. iPE 20 03 25.0 C. S.H.
 eiPPE 35 S.H.
 eiSNEE 04 19.0 S.H.
 D = 538 Km.

USCGS:
 H: 20 02 09 h: 33 Km.
 30.8 N, 50.2E.
 IRAN.
 Mag. 4.4(CGS).

16. ePE 20 20 11 S.H.

17. ePNE 01 25 52 S.H.

17. ePE 11 55 22 S.H.

17. ePE 13 47 40 S.H.

17. ePE 18 58 00 S.H.

18.	ePZ eSE	08 49 33 50 15	S.H. S.H.	20.	ePZ Trace.		
18.	eiPZ 1 eiP2Z iP3Z iSE	20 55 27.5 42.5 52.5 56 43.0	C. S.H. S.H. S.H. S.H.	20.	ePZ Trace.	16 44 58	S.H.
18.	ePZ	21 06 (21)	S.H.	20.	ePZ e(S)NE	19 36 57 22 41 50 46 16	S.H. S.H. G.
18.	ePZ D = 2560 Km.	21 25 02	S.H.	20.	ePZ Trace.	22 49 (15)	S.H.
<u>USCGS:</u>				<u>USCGS:</u>			
H: 21 20 00.3 h: 52 Km. 35.0 N, 23.7 E. CRETE. Mag. 4.9(CGS).				H: 12 39 43 h: 33 Km. 12.0 N, 43.8 E. Western Arabian Peninsula. Mag. 4.7(CGS).			
20.	ePZ D = 2420 Km.	00 43 52	S.H.	22.	ePZ eiSNE	00 03 46 58.5	S.H. S.H.
<u>USCGS:</u>				<u>USCGS:</u>			
H: 00 39 01.6 h: 25 Km. 39.2 N, 24.4 E. Aegean Sea. Felt in Sporades Island. Mag. 4.3 (CGS).				H: 00 23 42.7 h: 23 Km. 37.7 N, 30.0 E. Turkey. Mag. 5.0 (CGS).			
20.	iPZ ei(S)NE	07 59 14.6 08 03 45	C. S.H., G. G.	22.	ePZ ePPZ eSEN D = 1920 Km.	00 27 45 28 00 31 07	S.H. S.H. G.
20.	eiPZ ei(S)NE	08 54 40.5 59 16	C. G. G.	<u>USCGS:</u>			
20.	ePZ Trace.	09 39 (55)	S.H.	H: 00 23 42.7 h: 23 Km. 37.7 N, 30.0 E. Turkey. Mag. 5.0 (CGS).			
20.	ePZ Trace.	10 34 18	S.H.	22.	ePZ eSEN	06 32 30 06 37 (38) 52	S.H. S.H. S.H.
20.	ePZ Trace.	10 38 56	S.H.	22.	ePZ eiSNE	10 52 18 53 13.0	S.H. S.H.
20.	iPZ D = 8670 Km.	14 58 02.5	C. S.H.	22.	ePZ	13 07 42	S.H.
<u>USCGS:</u>				22.	ePZ	13 22 45	S.H.
H: 14 46 06.2 h: 29 Km. 53.0 N, 171.8 E. Near Islands, Alutian Islands. Mag. 5.4(CGS).				22.	iPZ eiPPZ eSNE	14 39 48.0 43 11.0 50 14	C. S.H. S.H., G. G.

	D = 9590 Km.			24.	ePZ	23 10 40	S.H.
<u>USCGS:</u>	H: 14 27 07.9 h: 33 Km.				eSNE	53	S.H.
	56.0 N, 153.7 E.			25.	ePZ	18 17 05	S.H.
	South of Alaska.			25.	ePZ	19 40 47	S.H.
	Mag. 6¼(BRK), 6(PAS), 6¼-6½(PAL),						
	5.8(CGS).						
23.	ePZ	13 43 12	S.H.	25.	ePZ	22 05 41	S.H.
	Trace.						
24.	ePZ	02 18 44	S.H.	26.	ePZ	13 53 55	S.H.
	ePPPZ	19 03	S.H.				
	eSNE	21 19	G.	26.	ePZ	21 44 27	S.H.
	D = 1540 Km.				Trace.		
<u>USCGS:</u>	H: 02 15 27.7 h: 33 Km.			28.	ePZ	08 56 11	S.H.
	32.7 N, 67.6 E.				eiPPE	24.5	S.H.
	Afghanistan.				eiPPPZ	34	S.H.
	Mag. 5.2(CGS).				eSNE	59 33	G.
24.	iPZ	07 27 00.9	C. S.H.		D = 1910 Km.		
	eiPPE	11.5	S.H.	<u>USCGS:</u>	H: 08 52 02.2 h: 20 Km.		
	ePPEZ	22	S.H.		39.3 N, 73.1 E.		
	ePPPPEZ	38	S.H.		Tadzhik - Sinkiang Border Region,		
	eiSNE	30 08	G.		Mag. 5.4(CGS).		
	eiSSNE	25	G.				
	D = 1900 Km.			28.	eiPZ	22 49 23.0	D. S.H.
<u>USCGS:</u>	H: 07 23 07.6 h: 12 Km.			28.	ePZ	23 46 (35)	S.H.
	29.9 N, 69.7 E.				Trace.		
	West Pakistan felt at Barkhan,						
	Dera Ghazikhan, and Multan,			29.	iPZ	15 12 44.7	C. S.H.
	Mag. 5.6(CGS).				iSNE	46.8	
24.	ePZ	15 36 42	S.H.				
	eSN	39 37	G.				
	eSSE	40 07	G.				
	D = 1830 Km.						
<u>USCGS:</u>	H: 15 32 48.1 h: 4 Km.						
	29.9 N, 69.8 E.						
	West Pakistan Felt at Barkhan,						
	Mag. 5.3(CGS).						

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FEBRUARY 1966

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|--|---|
| <p>1. ePZ 02 52 01 S.H.
 eP₂Z 19 S.H.
 e(S)E 53 09 S.H.</p> <p>1. ePZ 06 01 35 S.H.
 e(S)N 04 03 S.H.
 D = 1520</p> <p><u>USCGS:</u>
 H: 05 58 21.9 h: 33 Km.
 42.1 N, 66.4 E.
 Central Kasakh SSR.
 Mag. 4.7(CGS).</p> <p>1. eP₁Z 07 08 (58) S.H.
 eP₂Z 09 11 S.H.
 eS₁NE 09 56 S.H.
 eiS₁NE 10 08.5 S.H.
 D = 510 Km.</p> <p><u>USCGS:</u>
 H: 07 07 45.8 h: 4 Km.
 35.1 N, 46.0 E.
 IRAN - IRAQ Border Region.
 Mag. 4.4(CGS).</p> <p>2. ePZ 09 24 16 S.H.
 D = 1990 Km.</p> <p><u>USCGS:</u>
 H: 09 20 07.5 h: 26 Km.
 39.9 N, 73.0 E.
 West Pakistan
 Felt at Rawalpindi and Hanelian.
 Mag. 5.3(CGS).</p> <p>3. eiPZ 05 59 36.5 C. S.H.
 eSNE 06 09 13 G.
 e(SKS)NE 35 G.
 D = 8260 Km.</p> <p><u>USCGS:</u>
 H: 05 48 06.1 h: 131 Km.
 0.1 N, 123.5 E.
 Northern Celebes .
 Mag. 5.9(CGS).</p> <p>3. ePZ 09 10 57 S.H.
 eSNE 11 19 S.H.</p> | <p>3. ePZ 15 06 30 S.H.
 eSNE 07 15 S.H.</p> <p>3. ePZ 15 52 (59) S.H.
 eSEN 53 46 S.H.</p> <p>4. ePZ 08 43 04 S.H.
 eSEN 47 10 S.H.,G.
 D = 2510 Km.</p> <p><u>USCGS:</u>
 H: 08 38 01.1 h: 21 Km.
 34.3 N., 24.0 E.
 Crete.
 Mag. 4.8(CGS).</p> <p>4. eP₁Z 10 57 40 S.H.,G.
 eSKPZ 11 00 54 S.H.,G.
 D = 13380 Km.</p> <p><u>USCGS:</u>
 H: 10 39 12.2 h: 190 Km.
 15.9 S, 167.9 E.
 New Hebrides Islands.
 Mag. 6(CGS).</p> <p>5. eiPZ 02 06 58.5 D. S.H.
 eiSNE 11 12 G.
 D = 2640 Km.</p> <p><u>USCGS:</u>
 H: 02 01 48.3 h: 38 Km.
 39.2 N, 22.0 E.
 Greece. 1 Killed, 50 Injured
 8500 Homeless. ^{Towns} of Alestia
 Fournas, Klistos and Krenti
 Destroyed. Felt in Central, Greece
 Mag. $6\frac{1}{4}$(PAS), $5\frac{3}{4}$ -6(BRK),
 5,8(CGS).</p> <p>5. ePZ 14 12 22 S.H.
 Trace.</p> <p>5. ePZ 15 20 47 S.H.,G.
 eiPPZ 22 38.5 S.H.,G.
 eiPPPZ 23 18 S.H.,G.
 eSNE 27 27 G.
 D = 5010 Km.</p> |
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USCGS:

H: 15 12 29.1 h: 15 Km.
26.1 N, 103.1 E.
Yunnan Province China.
Mag. 6.1 (CGS).

5. eiPZ 16 27 14 C. S.H.,G.
eiPPZ 29 55 S.H.,G.
eSNE 36 26 S.H.,G.
D = 7970 Km.

USCGS:

H: 16 16 01 h: 98 Km.
50.2 N, 155.1 E.
Kurile Islands.
Mag. 5.8(CGS).

5. ePZ 19 33 55 S.H.

5. ePZ 20 40 48 S.H.

6. ePZ 13 48 50 S.H.

6. ePZ 22 17 56 S.H.

7. eiPZ 04 30 03.5 C. S.H.
eiSNE 33 16 S.H.
D = 1880 Km.

USCGS:

H: 04 26 13.9 h: 33 Km.
29.8 N, 69.7 E.
West Pakistan 12 Dead Extensive
damage at Barkhan and Nearby villages.
Felt at Bahawalpur, Fort Munro and
Lahore.
Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAS), $6\frac{1}{2}$ - $6\frac{3}{4}$ (PAL),
6.0(CGS).

7. ePZ 05 25 40 S.H.
D = 1870 Km.

USCGS:

H: 05 21 44.6 h: 10 Km.
30.0 N, 69.9 E.
West Pakistan Felt.
Mag. 5.4 (CGS).

7. ePZ 05 34 08 S.H.
D = 1820 Km.

USCGS:

H: 05 30 19.2 h: 48 Km.
30.0 N, 69.6 E.
West Pakistan Felt.
Mag. 5.3(CGS).

7. ePZ 08 41 13 S.H.

7. ePZ 23 10 27 S.H.
i Z 29.5 C. S.H.
eiSNE 13 43 G.
D = 1820 Km.

USCGS:

H: 2:
30.2 N, 69.8 E.
West Pakistan Felt in Loralai
District, Bahawalpur Fort
Munro and Multan.
Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAL), 5.8(CGS).

8. ePZ 13 20 39 S.H.

8. ePZ 20 12 53 S.H.

9. eiPZ 07 30 33.5 S.H.

9. ePZ 08 26 05 S.H.

9. ePZ 23 44 23 S.H.

10. ePZ 03 17 13 S.H.
eiSNE 33 S.H.

10. ePZ 05 40 42 S.H.

10. ePZ 14 33 29 S.H.
ePPZ 36 33 S.H.
e(PPP)Z 38 13 S.H.
eSN 43 31 S.H.
D = 9120 Km.

USCGS:

H: 14 21 10.9 h: 43 Km.
20.8 N, 146.3 E.
Mariana Isl. Region.
Mag. $6\frac{1}{2}$ (PAS), $6\frac{1}{2}$ (BRK), $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAL)
6.2(CGS).

10. ePZ 20 24 33 S.H.

11. ePZ 11 38 25 S.H.

12. ePZ 16 37 52 S.H.
eSNE 41 08 S.H.
D = 1810 Km.

USCGS:

H: 16 34 11.3 h: 188 Km.
36.6 N, 71.5 E.
Afghanistan - USSR
Border Region.
Mag. 4.9(CGS).

13. ePZ 05 03 14 G.
eSE 07 27 G.
D = 2650 Km.

USCGS:

H: 04 57 57.7 h: 0 Km.
49.8 N, 78.11 E.
Eastern Kazakh - SSR.
Mag. $5\frac{1}{2}$ - $5\frac{3}{4}$ (BRK), 6.3(CGS).

13. ePZ 10 52 57 S.H.
 eSEN 59 37 S.H.,G.
 D = 5020 Km.

USCGS:
 H: 10 44 41.0 h: 33 Km.
 26.1 N, 103.2 E.
 Yunnan Province, China.
 Mag. $5\frac{3}{4}$ -6(PAL), 5.7(CGS).

13. ePZ 19 13 48 S.H.,G.
 eSNE 16 56 G.
 D = 1910 Km.

USCGS:
 H: 19 09 47.4 h: 33 Km.
 29.8 N, 69.7 E.
 West Pakistan Felt, at Barkhan.
 Mag. 5.1(CGS).

14. ePZ 18 02 21 S.H.
 eSNE 06 05 S.H.,G.
 D = 2200 Km.

USCGS:
 H: 17 57 50.0 h: 46 Km.
 35.0 N., 27.2 E.
 Eastern Mediterranean Sea.
 Mag. 5.0(CGS).

16. eP'Z 03 37 20 S.H.,G.
 eSKSNE 44 27 G.
 D = 13650 Km.

USCGS:
 H: 03 18 27.2 h: 31 Km.
 17.7 S, 167.9 E.
 New Hebrides Islands Felt at
 Luganville, Norsup and Port Vila.
 Mag. $6\frac{1}{2}$ (PAS), $6\frac{1}{2}$ (BRK), $6\frac{1}{2}$ - $6\frac{3}{4}$
 (PAL), 6.5(CGS).

17. eiPZ 11 59 25 D. S.H.
 eiSNE 12 08 51.5 S.H.,G.
 D = 8040 Km.

USCGS:
 H: 11 48 00.8 h: 33 Km.
 32.2 S, 78.9 E.
 Mid - Indian Rise
 Mag. $6\frac{1}{4}$ (PAS), 6.2-6.6(BRK), $6\frac{1}{2}$ (PAL)
 6.4(CGS).

17. eiPZ 12 54 25 D. S.H.
 D = 8030 Km.

USCGS:
 H: 12 43 01.1 h: 33 Km.
 32.2 S, 79.0 E.
 Amsterdam - Naturaliste Ridge.
 Mag. 5.7(CGS).

17. e(S)N 17 13 S.H.
 17. ePZ 15 01 25 S.H.
 eiSN 31.5 S.H.

19. ePZ 12 03 39 S.H.
 iSNE 54 S.H.

19. ePZ 12 20 06 S.H.
 eSNE 20 14.5 S.H.

19. ePZ 12 54 28 S.H.
 eSNE 57 28.5 S.H.
 D = 1810 Km.

USCGS:
 H: 12 50 42.1 h: 59 Km.
 35.3 N, 70.9 E.
 Hindu - Kush Region Felt at
 Peshawar.
 Mag. 5.1(CGS).

19. ePZ 18 11 16 S.H.
 eiSNE 34.5 S.H.

21. eP'Z 00 41 05 S.H.
 eSKSNE 47 46 G.
 eSKESNE 48 57 G.
 e(sPS)NE 51 52 G.
 D = 12640 Km.

USCGS:
 H: 00 22 29.7 h: 33 Km.
 55.6 S, 26.9 W.
 South Sandwich Islands Region.
 Mag. $5\frac{3}{4}$ -6(PAL), 5.9(CGS).

21. ePZ 13 29 05 S.H.
 D = 7000 Km.

USCGS:
 H: 13 18 47.0 h: 103 Km.
 26.3 N, 125.7 E.
 Northeast of Taiwan.
 Mag. 5.6(CGS).

22. ePZ 05 16 28 S.H.
 eSKSE 27 04 S.H.
 D = 11300 Km.

USCGS:
 H: 05 02 37.2 h: 28 Km.
 5.4 S. 151.5 E.
 New Britain Region Felt Widely
 Mag. $6\frac{3}{4}$ (PAS), $6\frac{3}{4}$ -7 (BRK),
 $6\frac{3}{4}$ -7 (PAL), 6.2 (CGS).

23. ePZ 13 59 03 S.H.
Local Shock.

24. ePZ 05 52 02 S.H.
D = 8700 Km.

USCGS:

H: 05 40 06.8 h: 65 Km.
52.6 N, 172.5 E.
Near Island Aleutian Islands.
Mag. 5.1(CGS).

24. ePZ 08 26 28 S.H.
Local Shock

24. ePZ 20 05 42 S.H.
D = 9290 Km.

USCGS:

H: 19 53 15.4 h: 25 Km.
60.1 N, 147.7 W.
Southern Alaska.
Mag. 5.0(CGS).

24. ePZ 23 29 53 S.H.
Trace of Local Shock.

25. eP'Z 23 10 10 S.H.
e?Z 12 47 G.
eSKPZE 13 41 G.
eSKKSE 19 53 G.
ePsPsN 32 23 G.
D = 15440 Km.

USCGS:

H: 22 50 47.1 h: 33 Km.
15.1 S., 173.2 W.
Tonga Islands.
Mag. 5.5(CGS).

26. iPZ 00 45 50.5 C. S.H.
epPZ 46 00.5 S.H.
ePPZ 48 48 S.H.
D = 8780Km.

USCGS:

H: 00 33 50.1 h: 51 Km.
52.4 N., 173.6 E.
Near Islands Aleutian Islands.
Mag. 5.3(CGS).

26. iP Z 20 51 55.0 C. S.H.
eP¹Z 52 17 S.H.
eSE 53 23 G.
D = 570 Km.

USCGS:

H: 20 50 37.2 h: 60 Km.
30.5 N., 50.8 E. Iran
Mag. 4.7(CGS),

27. ePZ 16 42 23 S.H.
D = 8890 Km.

USCGS:

H: 16 30 17.9 h: 52 Km.
52.1 N., 175.1 E.
Rat Islands Aleutian Islands
Mag. 5.2(CGS).

28. ePZ 02 12 31 D. S.H.
ePPZ 14 57 S.H.
eSN 20 57 S.H.,G.
e(S)E 22 05 G.
D = 7160 Km.

USCGS:

H: 02 02 13.6 h: 225 Km.
43.7 N., 139.6 E.
Eastern sea of Japan.
Mag. 5.5(CGS).

28. ePZ 13 46 19 S.H.
D = 7240

USCGS:

H: 13 35 39.0 h: 33 Km.
29.2 N., 130.1 E.
Rukyu Islands.
Mag. 5.5(CGS).

28. eP'Z 21 57 57 S.H.
epP'Z 58 16 S.H.,G.
eSKPZ 22 01 13 S.H.,G.
D = 14560 Km.

USCGS:

H: 21 38 52.8 h: 67 Km.
26.0 S., 70.4 W.
Near Coast of Northern Chile
Felt at Copiapo.
Mag. 4 3/4-5(PAL),5.7(CGS).

SEISMOLOGICAL BULLETIN Cr
INSTITUTE OF GEOPHYSICS
TEHRAN UNIVERSITY, IRAN

Lat. 35°44'16" N. a = + 0.50773
Long. 51°23'08" E. b = + 0.63570
Height..... 1360M. c = + 0.58146
MARCH 1966

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|---|-----------------------|------------|----|---------|------------------------------------|---------------|------------|----|---------|
| 1. | ePZ | 23 22 17 | | S.H. | 5. | eP'Z | 00 18 21 | | S.H. |
| | eSE | 34 | | S.H. | | ePPZ | 21 16 | | S.H. |
| | | | | | | eSKPZ | 21 49 | | S.H. |
| 2. | iPZ | 02 39 06.5 | C. | S.H.,G. | | D = 15560 Km. | | | |
| | eSNE | 40 42 | | S.H. | <u>USCGS:</u> | | | | |
| | D = 930 Km. | | | | H: 4 th. 23 58 55.9 h: 27 Km. | | | | |
| <u>USCGS:</u> | | | | | 38.8 S. 177.9 E. | | | | |
| H: 02 37 02.3 h: 24 Km. | | | | | North Island, New Zealand. | | | | |
| 43.0 N, 45.8 E. | | | | | Mag. 6.1(CGS). | | | | |
| Eastern Caucasus Slight damage Near Grozny. | | | | | | | | | |
| Mag. 5.3(CGS). | | | | | 5. | ePZ | 20 12 58 | | S.H. |
| | | | | | | eSN | 13 06 | | S.H. |
| 2. | ePZ | 05 49 18 | | S.H. | 5. | ePZ | 21 06 16 | | S.H. |
| | eiSNE | 35.5 | | S.H. | | D = 8160 Km. | | | |
| | | | | | <u>USCGS:</u> | | | | |
| 2. | ePZ | 07 10 05 | | S.H. | H: 20 54 45.7 h: 33 Km. | | | | |
| | Trace of local Shock. | | | | 0.0 , 18.0 W. | | | | |
| | | | | | North of Ascension Island. | | | | |
| | | | | | Mag. 5.2(CGS). | | | | |
| 2. | ePZ | 12 03 20 | | S.H. | 5. | ePZ | 21 24 06 | | S.H. |
| | ePPZ | 06 16 | | S.H. | Local Shock. | | | | |
| | eSNE | 13 06 | | G. | | | | | |
| | D = 8730 Km. | | | | 6. | ePZ | 00 08 38 | | S.H. |
| <u>USCGS:</u> | | | | | | eSN | 09 07 | | S.H. |
| H: 11 51 20.7 h: 40 Km. | | | | | 6. | ePZ | 02 16 16 | | S.H. |
| 52.4 N., 172.3 E. | | | | | | eiSE | 20 37 | | G. |
| Near Islands, Aleutian Islands. | | | | | D = 2740 Km. | | | | |
| 3. | ePZ | 03 05 43 | | S.H. | <u>USCGS:</u> | | | | |
| | Trace of Local Shock. | | | | H: 02 10 56.8 h: 35 Km. | | | | |
| | | | | | 31.6 N., 80.5 E. | | | | |
| | | | | | Tibet. | | | | |
| | | | | | Mag. 5.4(CGS). | | | | |
| 3. | ePZ | 03 36 48 | | S.H. | 6. | eiPZ | 02 21 14.5 | D. | S.H.,G. |
| | eSN | 46 07 | | G. | | eiSE | 25 35 | | G. |
| | ePSNE | 47 | | G. | D = 2740 Km. | | | | |
| | D = 8000 Km. | | | | <u>USCGS:</u> | | | | |
| <u>USCGS:</u> | | | | | H: 02 15 56.7 h: 44 Km. | | | | |
| H: 03 25 28.0 h: 45 Km. | | | | | 31.6 N., 80.5 E. | | | | |
| 48.3 N, 154.3 E. | | | | | Tibet. | | | | |
| Kurile Islands. | | | | | Mag. 6.1(CGS), 6½(PAS), 6.5-7(BRK) | | | | |
| Mag. 5½(PAL), 5.9(CGS). | | | | | 6½-6 3/4(PAL). | | | | |
| 3. | ePZ | 23 38 13 | | S.H. | | | | | |
| | e(S)NE | 39 53 | | G. | | | | | |
| 4. | ePZ | 00 14 01 | | S.H. | | | | | |
| | Trace of local Shock. | | | | | | | | |

7. ePZ 01 18 16 S.H.
 i?N 19 36.5 G.
 eiSEN 56 G.
 D = 980 Km.

USCGS:

H: 01 16 05.8 h: 13 Km.
 Turkey, 15 dead, many injured
 1000 homes destroyed at Bayir,
 Hinis and Varto. 39.1 N., 41.7 E.
 Mag. 5.5(CGS).

7. ePZ 14 05 50 S.H.
 eSNE 57 S.H.
 7. ePZ 21 38 13 S.H.,G.
 ePPZ 40 07.5 S.H.
 epPPZ 16 G.
 eSN 45 29 G.
 D = 5600 Km.

USCGS:

H: 21 29 17.0 h: 33 Km.
 37.2 N., 114.8 E.
 North eastern China moderate to
 heavy damage and injuries in
 Hopeh Province Felt widely.
 Mag. 6 3/4(PAS), 6.4(BRK),
 7-7 1/4(PAL), 5.8(CGS).

8. eP'Z 01 32 27 S.H.
 D = 13220 Km.

USCGS:

H: 01 13 42.3 h: 37 Km.
 13.9 S., 166.6 E.
 New Hebrides Islands.
 Mag. 6(PAS), 5.9-6.3(BRK),
 6 1/4-6 1/2(PAL), 5.8(CGS).

8. ePZ 03 31 (33) S.H.
 e(S)N 33 18 S.H.

8. ePZ 05 52 54 S.H.
 eSE 06 02 25 G.
 eSKSNE 03 03 G.
 D = 8520 Km.

USCGS:

H: 05 41 04.5 h: 33 Km.
 1.9 N., 126.4 E.
 Molucca Passage.
 Mag. 4.7-5.2(BRK), 5.9(CGS).

8. ePZ 18 56 59 S.H.
 D = 2660 Km.

USCGS:

H: 18 51 47.2 h: 48 Km.
 38.9 N., 21.3 E.
 Greece.
 Mag. 5.1(CGS).

8. eP'Z 21 04 29 S.H.
 epP'Z 27 S.H.
 ePPZ 06 45 G.
 D = 13900 Km.

USCGS:

H: 20 46 12.0 h: 122 Km.
 20.0 S., 68.9 W.
 Chile - Boliva border region
 Felt at Copiapo and Iquique.
 Mag. 5.9(CGS).

9. ePZ 02 06 05 S.H.
 Trace.

9. ePZ 14 06 14 S.H.
 Local Shock.

9. ePZ 21 04 17 S.H.
 Local Shock.

9. ePZ 23 24 38 S.H.
 eSNE 33 32 G.
 D = 7580 Km.

USCGS:

H: 23 12 52 h: 148 Km.
 7.4 S., 108.4 E.
 Java.
 Mag. 5.6(CGS).

10. ePZ 00 07 20 S.H.
 eSNE 30 S.H.

10. ePZ 04 09 22 S.H.
 e(S)NE 13 41 G.

10. eiPZ 04 36 48.5 D. S.H.,G.
 eSEZ 45 25 G.
 eSKSE 46 08 G.
 D = 7670 Km.

USCGS:

H: 04 26 42.0 h: 382 Km.
 32.2 N., 137.5 E.
 South of Honshu, JAPAN.
 Mag. 5.5-5.9(BRK), 5.6(CGS).

10. ePZ 11 21 12 S.H.
 e(S)E 23 09 G.

10. ePZ 20 33 36 S.H.
 eSNE 43 S.H.

11. PZ 20 06 42 S.H.
 eSE 10 41 G.
 D = 2490 Km.

USCGS:

H: 20 01 43.8 h: 22 Km.

- 34.4 N., 24.4 E.
Crete.
Mag. 5.1(CGS).
12. ePZ 14 08 28 S.H.
eSNE 34 S.H.
12. eiPZ 16 41 35.5 C. S.H.,G.
iPZ 41.9 S.H.,G.
ePZ 56.5 S.H.
D = 6850 Km.
- USCGS:
H: 16 31 21.8 h: 63 Km.
24.1 N., 122.6 E.
Taiwan Region 7 killed and several
injured and Major damage on Taiwan
and Kinawa.
Mag. $7\frac{1}{2}$ - $7\frac{3}{4}$ (PAS), $7-7\frac{1}{2}$ (BRK),
 $7\frac{3}{4}$ -8(PAL), 6.7(CGS).
12. ePZ 18 09 48 S.H.
D = 6850 Km.
- USCGS:
H: 17 59 39 h: 83 Km.
24.4 N., 122.8 E.
Taiwan Region.
Mag. 5.7(CGS).
13. iPZ 13 21 10.5 C. S.H.
eSE 14.5 S.H.
13. ePZ 14 29 26 S.H.
eSNE 45 S.H.
15. ePZ 10 39 40 S.H.
eP₁Z 53 S.H.
eSNE 40 57 S.H.
D = 525 Km.
- USCGS:
H: 10 38 29 h: 33 Km.
34.4 N., 46.0 E.
Western Iran.
Mag. 4.2(CGS).
17. ePZ 16 08 27 S.H.
eiP'Z 40.0 S.H.,G.
iPPZ 11 11.5 S.H.,G.
D = 14780 Km.
- USCGS:
H: 15 50 32.2 h: 626 Km.
21.1 S., 179.2 W.
Fiji Islands Region.
Mag. $6\frac{3}{4}$ (PAS), 6.2(CGS).
17. ePZ 10 20 20 S.H.
17. ePZ 23 48 55 S.H.
eSN 49 12 S.H.
19. ePZ 17 29 50.5 G.
D = 10280 Km.
- USCGS:
H: 17 16 40.9 h: 33 Km.
52.7 S., 19.9 E.
Southeast of Africa.
Mag. 5.4(CGS).
20. iPZ 01 50 26.5 D. S.H.
eSN 56 41 S.H.,G.
D = 4480 Km.
- USCGS:
H: 01 42 49.9 h: 36 Km.
0.6 N., 30.2 E.
Uganda.
More than 100 Dead Extensive
Damage to building at portal
and nearby areas, Felt In
Western Uganda.
Mag. $6\frac{3}{4}$ -7(PAS), 6.4-6.6(BRK),
 $7-7\frac{1}{4}$ (PAL), 6.1(CGS).
20. ePZ 05 55 15 S.H.
iPZ 18 C. S.H.
D = 2640 Km.
- B.C.I.S.
H: 05 50 00
50.0 N., 78.0 E.
Kasakstan, region de semipala-
tinsk, probablement explosion
Southerraine(d'apres Uppsala)
M = 6.4(Uppsala) M_s = 6.2(MOxa)
M = 5.8(Bensberg), M_c = 5.1
MOxa).
22. ePZ 08 20 32 S.H.
ePPZ 22 26 G.
eSN 27 50 G.
D = 5600 Km.
- USCGS:
H: 08 11 33.7 h: 11 Km.
37.5 N., 115.0 E.
Northeastern China.
Mag. 5.8-6.2(BRK), 6.0(CGS).

22. ePZ 08 28 32 S.H.
 ePPZ 30 30 G.
 eSNE 35 45 S.H.
 D = 5630 Km.

USCGS:

H: 08 19 33.8 h: 33 Km.
 37.5 N., 115.1 E.
 Northeastern China, Several
 Casualties and Major Property
 damage.
 Mag. 6 3/4-7(PAS), 6.5-6.8(BRK),
 7 1/4-7 1/2(PAL), 6.0(CGS).

23. iPZ 00 14 52 C. S.H.,G.
 eipPZ 15 05 S.H.
 ePPZ 17 10 G.
 SN 23 15.0 G.
 D = 6890 Km.

USCGS:

H: 00 04 34.7 h: 51 Km.
 23.8 N., 122.8 E.
 Taiwan Region.
 Mag. 6(PAS), 5.5-5.9(BRK),
 6-6 1/4(PAL), 6.3(CGS).

23. ePZ 06 13 13 S.H.
 eSE 14 24 S.H.

24. ePZ 02 06 43 S.H.
 Local Shock.

26. PZ 11 30 05 S.H.
 SNE 30.5 S.H.

26. ePZ 15 27 59 S.H.
 eSN 35 11 G.
 D = 5600 Km.

USCGS:

H: 15 19 03.2 h: 33 Km.
 37.6 N., 115.2 E.
 Northeastern China.
 Mag. 5.4-5.6(BRK), 6-6 1/4(PAL),
 5.5(CGS).

27. FZ 01 45 52 S.H.
 e(sS)N 50 03 S.H.

USCGS: D = 2440 Km.

H: 01 40 59 h: 33 Km.
 14.5 N., 56.7 E.
 Arabian Sea.

29. ePZ 02 29 27 S.H.
 eSNE 39 05 G.
 D = 8630 Km.

USCGS:

H: 02 17 38.5 h: 79 Km.
 23.7 N., 142.1 E.
 Volcans Islands Region.
 Mag. 5 1/2(PAL), 5.9(CGS).

29. ePZ 06 20 55 S.H.
 eSN 28 12 G.
 D = 5580 Km.

USCGS:

H: 06 12 00.4 h: 34 Km.
 37.4 N., 114.9 E.
 Northeastern China.
 Mag. 5.5(CGS).

30. ePZ 04 22 33 S.H.,G.
 eSE 25 45 G.
 D = 1870 Km.

USCGS:

H: 04 18 38.1 h: 33 Km.
 21.8 N., 62.2 E.
 Arabian Sea.
 Mag. 5.6(CGS).

30. ePZ 11 50 00 S.H.
 eSNE 26 S.H.

30. ePZ 13 46 41 S.H.
 Local Shock.

31. iPZ 23 41 34.0 D. S.H.
 SNE 44 26 G.
 D = 1760 Km.

USCGS:

H: 23 38 00.5 h: 200 Km.
 36.4 N., 70.8 E.
 Hindu Kush Region.
 Mag. 5.6(CGS).

IRAN



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1000 10/4/67

Lat. $35^{\circ}44'16''$ N. a = + 6.50773
Long. $51^{\circ}23'08''$ E. b = + 0.63570
Height.... 1360 M c = + 0.58146

APRIL 1966

1. ePZ 03 03 15.5 S.H.
1. ePZ 09 03 08 S.H.
 eSNE 04 15 S.H.
2. ePZ 12 53 17 S.H.
 eSNE 46 S.H.
3. eiPZ 04 54 45 C. S.H.,G.
 D = 7730 Km.

USCGS:

H: 04 43 41.1, h: 68 Km.
36.7 N., 140.8 E.
Near East Coast of Honshu, JAPAN.
Mag. 5.7(CGS).

3. ePZ 05 56 35 S.H.
 eSN 51 S.H.
3. ePZ 11 41 39 S.H.,G.
 D = 2680 Km.

USCGS:

H: 11 36 24.8., h: 25 Km.
39.0 N., 21.5 E.
Greece.
Mag. 5.1(CGS).

3. ePZ 23 21 10 S.H.
 Trace.
4. ePZ 06 50 24 S.H.
 eSNE 56 55 G.
D = 4940 Km.

USCGS:

H: 06 42 13.9., h: 33 Km.
12.1 N., 92.7 E.
Andaman Islands Region.
Mag. 5.0(CGS).

4. ePZ 06 55 (08) S.H.
4. ePZ 13 56 00 S.H.
 eSN 12 S.H.

6. ePZ 01 55 55 S.H.
 eSEN 59 25 G.
 eSSE 49 G.
 eSSSE 58 G.
 D = 1940 Km.

USCGS:

H: 01 51 51.8 ., h: 38 Km.
35.0 N., 73.0 E.
West Pakistan., Felt in Kashmir.
Mag. 5.1(CGS).

6. ePZ 03 12 05 S.H.,G.
 eSN 22 42 G.
 esSN 23 03 G.
 D = 10010 Km.

USCGS:

H: 02 59 01.7., h: 33 Km.
45.8 S., 96.1 E.
Southeast Indian Rise.
Mag. 5.8(CGS).6(PAS).

6. ePZ 08 26 55 S.H.
 eSN 27 09 S.H.
6. ePZ 22 41 15 C. S.H.,G.
 D = 9500 Km.

USCGS:

H: 22 28 38.7 ., h: 33 Km.
56.6 N., 154.5 W.
Kodiak Island Region.
Mag. 5.5(CGS).

6. ePZ 23 07 10 S.H.
 epPZ 21 S.H.
 eSNE 16 23 G.
 D = 7680 Km.

USCGS:

H: 22 56 05., h: 33 Km.
9.6 S., 107.6 E.
South of Java.
Mag. 5.3(CGS).

7. ePZ 03 31 00 S.H.
D = 2670 Km.
USCGS:
H: 03 25 46.3., h: 36 Km.
37.8 N., 21.1 E.
Southern Greece.
Mag. 4.8(CGS).
7. ePZ 09 53 06 S.H.
D = 7130 Km.
USCGS:
H: 09 42 32.1., h: 46 Km.
26.1 N., 127.4 E.
Ryukyu Island.
Mag. 5.7(CGS).
8. ePZ 01 58 06 C. S.H.,G.
ePPZ 02 00 48 G.
eSN 07 24 G.
D = 7970 Km.
USCGS:
H: 01 46 44.9., h: 47 Km.
51.2 N., 157.7 E.
Near East Coast of Kamchatka.
Mag. $6\frac{1}{2}$ (PAS), $6-6\frac{1}{4}$ (BRK), 5.9(CGS).
8. iPZ 06 02 42.7 C. S.H.
D = 6720 Km.
USCGS:
H: 05 52 40.4., h: 33 Km.
52.7 N., 33.2 W.
North Atlantic Ocean.
Mag. 5.5(CGS).
8. ePZ 09 31 47 S.H.
ePPZ 35 06 S.H.
eSN 42 18 G.
D = 9540 Km.
USCGS:
H: 09 19 09.6., h: 33 Km.
56.9 N., 152.0 W.
Kodiak Island Region.
Mag. 4.7(CGS).
8. ePZ 13 50 44 S.H.
D = 1870 Km.
USCGS:
H: 13 46 50., h: 38 Km.
35.8 N., 30.9 E.
Eastern Mediteranian Sea.
Mag. 4.5(CGS).
8. ePZ 22 23 35 S.H.,G.
ePPZ 26 56 S.H.,G.
eSNE 34 04 G.
D = 9510 Km.
USCGS:
H: 22 10 59.3., h: 33 Km.
56.8 N., 151.9 W.
Kodiak Island Region.
Mag. $5\frac{1}{2}-5\frac{3}{4}$ (PAL), 5.1(CGS).
9. ePZ 03 26 26 S.H.
e(S)N 27 36 S.H.
9. ePZ 19 16 17 S.H.
D = 2560 Km.
USCGS:
H: 19 11 11., h: 33 Km.
14.4 N., 40.8 E.
Ethiopia.
Mag. 4.7(CGS).
9. ePZ 20 21 16 S.H.
D = 9520 Km.
USCGS:
H: 20 08 39., h: 33 Km.
56.7 N., 152.0 W.
Kodiak Island Region.
Mag. 5.5(CGS).
10. ePZ 06 03 03 S.H.
eSNE 45 S.H.
10. eiPZ 10 51 46 C. S.H.
D = 8610 Km.
USCGS:
H: 10 39 51.0 h: 20 Km.
53.1 N., 171.0 E.
Near Islands, Aleutian Islands.
Mag. 5.2(CGS).
10. ePZ 16 55 24 S.H.,G.
ePPZ 57 47 G.
esPPZ 58 09 G.
ePKSE 56 G.
esPKSE 59 12 G.
D = 14760 Km.
USCGS:
H: 16 36 14.6., h: 64 Km.
31.5 S., 71.2 W.
Near Coast of Central Chile, Felt
at Santiago, Ovalle and San
Juan, Argentina.
Mag. 6(PAS), $5\frac{1}{4}-5\frac{1}{2}$ (PAL), 5.7(CGS).

11. eiPZ 16 17 43 C. S.H.
D = 8770 Km.

Mag. $5\frac{1}{2}$ (PAS), $5\frac{1}{2}$ -4 $\frac{3}{4}$ (PAL),
5.8(CGS).

USCGS:

H: 16 05 41.6., h: 29 Km.
52.5 N., 173.0 E.
Near Islands, Aleutian Islands.
Mag. 5.2(CGS).

13. ePZ 08 32 14 S.H.
eSN 26 S.H.

11. ePZ 16 46 33 S.H.,G.
e(p $\frac{1}{2}$)Z 41 S.H.,G.
esNE 49 35 G.
esSE 55 G.
D = 1730 Km.

14. ePZ 18 56 45 S.H.
eSN 19 00 44 G.
esSNE 59 G.
D = 2510 Km.

USCGS:

H: 18 51 46., h: 33 Km.
34.5 N., 24.0 E.
Crete.
Mag. 5.0(CGS).

USCGS:

H: 16 42 53.5., h: 29 Km.
38.8 N., 70.6 E.
Afghanistan - USSR Border Region.
Mag. 4.8(CGS).

14. ePZ 21 09 57 S.H.
eSN 12 09 G.
D = 1730 Km.

11. eiPZ 23 13 02.5 C. S.H.,G.
ePPZ 16 22 S.H.,G.
eSN 23 30 G.
D = 9550 Km.

USCGS:

H: 21 06 17.4., h: 33 Km.
38.9 N., 70.6 E.
Afghanistan - USSR Border
Region.
Mag. 5.2(CGS).

USCGS:

H: 23 00 24.0., h: 33 Km.
56.6 N., 152.0 W.
Kodiak Islands Region.
Mag. $5\frac{3}{4}$ -6(PAL), 5.4(CGS).

15. iPN 16 12 47.0 S.H.
iSN 13 06.5 S.H.

12. eP'Z 23 56 57 S.H.,G.
ePPZ 59 40 S.H.,G.
ePKSEN 24 00 26 G.
D = 15100 Km.

16. iPZ 01 39 52.8 C. G.
ePPZ 43 11 G.
eSN 50 16 G.
esSE 34 G.
D = 9530 Km.

USCGS:

H: 23 37 42.1., h: 44 Km.
38.1 S., 73.0 W.
Central Chile., Felt at Concepcion
Valdivia, and Temuco.
Mag. 6(PAS), 6.4(BRK), $6-6\frac{1}{4}$ (PAL)
5.7(CGS).

USCGS:

H: 01 27 15.3., h: 33 Km.
57.0 N., 153.6 W.
Kodiak Island Region.
Mag. $6\frac{1}{4}$ (PAS), 6(PAL), 5.7(CGS).

13. eP'Z 03 54 35 S.H.,G.
ePPZ 57 16 S.H.,G.
eiPKSE 58 10 G.
D = 15150 Km.

16. ePZ 10 24 40 S.H.
eSNE 33 54 G.
D = 7860 Km.

USCGS:

H: 03 35 16.3., h: 40 Km.
38.2 S., 73.2 W.
Near Coast of Central Chile
Felt at Concepcion.

USCGS:

H: 10 13 38., h: 63 Km.
35.0 N., 141.5 E.
Off East Coast of Honshu, Japan,
Mag. 5.2(CGS).

16. ePZ 14 50 58 S.H.
 ePPZ 52 36 G.
 eSNE 57 10 G.
 D = 4500 Km.

USCGS:

H: 14 43 20.5., h: 33 Km.
 0.8 N., 29.9 E.
 Republic of CONGO, Felt at Fort
 Portal., UGANDA.
 Mag. 5.3(CGS).

17. ePZ 04 33 04 S.H.
 eSNE 22 S.H.

18. ePZ 08 19 19.3 C. S.H.,G.
 eSN 23 32 G.
 D = 2560 Km.

USCGS:

H: 08 14 19.8., h: 57 Km.
 12.9 N., 48.3 E.
 Eastern Gulf of Aden.
 Mag. 5.4(CGS).

18. ePZ 10 03 11 S.H.
 eSN 49 S.H.

19. ePZ 01 15 28 S.H.
 eSN 16 42 S.H.
 D = 840 Km.

USCGS:

H: 01 13 36.2., h: 17 Km.
 42.8 N., 45.2 E.
 Eastern Caucasus.
 Mag. 4.9(CGS).

19. ePZ 13 47 31 S.H.
 eSN 39 S.H.

20. ePZ 01 22 32 S.H.
 eSN 23 18 S.H.

20. ePZ 06 13 06 S.H.,G.
 D = 9300 Km.

USCGS:

H: 06 00 39.4., h: 33 Km.
 18.9 N., 146.8 E.
 Mariana Islands.
 Mag. 5.1(CGS).

20. ePZ 16 38 46 C. S.H.,G.
 ePPZ 42 10 G.
 D = 9300 Km.

USCGS:

H: 16 26 21.2., h: 55 Km.
 18.8 N., 146.9 E.
 Mariana Islands.
 Mag. 5.2-5.4(BRK), 5.4(CGS).

20. iPZ 16 43 40.3 C. S.H.
 iSN 44 50.3 S.H.
 D = 720 Km.

USCGS:

H: 16 42 03.7., h: 19 Km.
 41.7 N., 48.2 E.
 Eastern Caucasus.
 Mag. 5.5(CGS).

21. eiPZ 04 03 18.5 C. S.H.

21. ePZ 06 50 08 S.H.
 eSSE 54 18 G.
 D = 2300 Km.

USCGS:

H: 06 45 29., h: 52 Km.
 34.8 N., 26.0 E.
 Crete.
 Mag. 5.1(CGS).

21. ePZ 15 56 38 S.H.,G.
 eSNE 16 05 57 G.
 D = 7840 Km.

USCGS:

H: 15 45 25.4., h: 30 Km.
 36.1 N., 141.8 E.
 Near East Coast of Honshu, JAPAN
 Felt.
 Mag. 5.5(CGS).

21. ePZ 17 48 05 S.H.,G.
 eSEN 57 22 G.
 D = 7830 Km. Km.

USCGS:

H: 17 36 50., h: 46 Km.
 35.5 N., 142.0 E.
 Off East Coast of Honshu,
 JAPAN Felt.
 Mag. 5.1(CGS).

21. ePZ 23 46 (21) S.H.
 e(S)NE 47 35 S.H.

22. ePZ 01 30 25 S.H.
 eSE 40 S.H.

22. ePZ 12 17 13 S.H.
 eSN 24 S.H.

22. PZ 23 39 56.3 D. S.H.,G.
 ePPZ 43 14 G.
 eSNE 50 21 S.H.
 D = 9500 Km.

USCGS:

H: 23 27 20.5., h: 22 Km.
 57.5 N., 152.1 W.
 Kodiak Island Region
 Felt at Kodiak.
 Mag. 5.9(CGS).

23. iPZ 00 21 14.1 D. S.H.,G.
 ePPPZ 25 48 G.
 eSN 30 47 G.
 D = 8340 Km.

USCGS:

H: 00 09 34.4., h: 45 Km.
 0.9 S., 122.4 E.
 Northern Celebes.
 Mag. 6 3/4(PAS), 6 3/4-7(PAL),
 6.0(CGS).

23. ePZ 09 08 19 S.H.,G.
 ePPPZ 12 54 S.H.
 eSN 17 54 G.

USCGS: D: 8280 Km.

H: 08 56 46., h: 79 Km.
 0.5 S., 122.2 E.
 Northern Celebes.
 Mag. 6(PAS), 6-6 1/2(PAL), 5.8(CGS).

25. ePZ 23 26 23 S.H.
 eSE 29 34 G.
 D = 1660 Km.

USCGS:

H: 23 22 52.6., h: 33 Km.
 41.2 N., 69.3 E.
 Kirgiz SSR.
 10 killed, 100 injured, and
 Major property Damage at
 TASHKENT.
 Mag. 5.0(CGS).

27. eP₁Z 19 50 41 S.H.,G.
 eP₂Z 51 15 S.H.,G.
 eiS₁E 52 14 G.
 eS₁N 52 S.H.,G.
 D = 830 Km.

USCGS:

H: 19 48 49.8., h: 25 Km.
 38.2 N., 42.7 E.
 TURKEY.
 Mag. 4.9(CGS).

30. ePZ 12 08 55 S.H.
 eSN 09 05 S.H.

30. ePZ 13 45 10 S.H.
 eSE 48 27 G.
 D = 1920 Km.

USCGS:

H: 13 41 09.1., h: 19 Km.
 41.0 N., 72.1 E.
 Kirgiz SSR.
 Mag. 5.1(CGS).

30. ePZ 15 39 36 S.H.
 eSN 40 29 S.H.

IRAN.



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Lat. $35^{\circ}44'16''$ N. a = + 0.50773
Long. $51^{\circ}23'08''$ E. b = + 0.63570
Height.....1360 M. c = + 0.58146

MAY 1966

1. eP'Z 16 41 38 G.
epP'Z 42 15 G.
ePPZ 43 25 G.
eSKSE 48 22 G.
SKKSE 50 04 G.
e(SS)E 59 43 G.
D = 13870 Km.

USCGS:

H: 16 22 56.3., h: 165 Km.
8.5 S., 74.3 W.
Peru - Brazil Border Region.
Mag. 6 3/4(PAS), 5.7(CGS).

2. ePZ 13 53 41 S.H.
esPZ 52 S.H.
ei(S)E 55 21 S.H.
ei(SS)NE 48 G.
D = 920 Km.

USCGS:

H: 13 51 40.7., h: 33 Km.
38.7 N., 42.6 E.
Turkey.

2. eiPZ 13 57 03.5 S.H.
e(S)NE 58 40 G.
D = 930 Km.

USCGS:

H: 13 55 03.6., h: 54 Km.
38.1 N., 42.7 E.
Turkey.
Mag. 4.2(CGS).

2. ePZ 16 51 12 S.H.
eSNE 17 00 28 G.
D = 8270 Km.

USCGS:

H: 16 39 44., h: 103 Km.
8.6 S., 114.9 E.
Bali Islands Region.
Mag. 5.8(CGS).

2. ePZ 20 42 45 S.H.
eBPZ 55 S.H.
eSNE 44 32 G.
D = 970 Km.

USCGS:

H: 20 40 38., h: 15 Km.
37.8 N., 42.4 E.
Turkey.
Mag. 4.5(CGS).

2. ePZ 23 14 20 S.H.
esPZ 32 S.H.
eSN 15 49 G.
D = 900 Km.

USCGS:

H: 23 12 23., h: 41 Km.
38.0 N., 42.6 E.
Turkey.
Mag. 4.8(CGS).

3. ePZ 14 48 16 S.H.
e?NE 50 00 G.

3. ePZ 20 36 26 S.H.
eSE 38 04 G.
D = 910 Km.

USCGS:

H: 20 34 28., h: 33 Km.
38.3 N., 42.6 E.
Turkey.

3. ePZ 20 45 19 S.H.
e?E 47 06 G.

4. ePZ 06 42 13 S.H., G.
eSE 46 36 G.
D = 2680 Km.

USCGS:

H: 06 36 59.8., h: 41 Km.
39.1 N., 21.8 E.
Greece.
Mag. 5.0(CGS).

4. ePZ 21 53 22 S.H.,G.
 eSE 57 07 G.
 D = 2110 Km.

USCGS:

H: 21 48 58., h: 14 Km.
 37.7 N., 27.9 E.
 Turkey.
 Mag. 4.7(CGS).

5. ePZ 04 49 26 S.H.
 eSE 38 S.H.

5. ePZ 14 31 34 S.H.,G.
 epPZ 54 G.
 ePPZ 33 57 G.
 ePPPZ 35 20 G.
 eSNE 39 59 G.
 D = 6810 Km.

USCGS:

H: 14 21 22.7., h: 60 Km.
 24.4 N., 122.6 E.
 Taiwan Region.
 Mag. 5.7(CGS).

6. ePZ 02 46 16 S.H.,G.
 eSE 53 52 G.
 D = 5940 Km.

USCGS:

H: 02 36 56.8., h: 33 Km.
 15.7 S., 34.4 E.
 Malawi.
 Mag. 5.5(CGS).

6. ePE 19 05 02 S.H.
 eSEN 11 S.H.

6. ePEN 20 45 35 S.H.
 eSN 46 12 S.H.

7. eiPZN 13 12 42 G.
 eSE 16 21 G.
 D = 2130 Km.

USCGS:

H: 13 08 16.0., h: 12 Km.
 37.8 N., 27.9 E.
 Turkey.
 Mag. 5.2(CGS).

7. e(P)N 22 18 23 S.H.
 e(S)N 19 21 S.H.

8. ePN 02 23 58 S.H.
 eSNE 1 24 19 S.H.

8. e N 17 20 51 S.H.
 Trace of local Shocks.

9. iPZ SEN 51 30.5 S.H.,G.
 D = 2280 Km.

USCGS:

H: 00 42 55.6., h: 33 Km.
 34.5 N., 26.5 E.
 Crete.
 Mag. 5.5(CGS).

9. ePZ 03 55 00 S.H.
 eSEN 58 06 G.
 D = 1870 Km.

USCGS:

H: 03 51 09.4., h: 125 Km.
 37.2 N., 31.2 E.
 Turkey.
 Mag. 5.1(CGS).

9. ePN 04 35 40 S.H.
 e(S)N 38 52 S.H.,G.

9. ePZ 06 13 08 S.H.
 eSE 17 (00) G.
 D = 2300 Km.

USCGS:

H: 06 08 28.5 h: 33 Km.
 34.5 N., 26.6 E.
 Crete.
 Mag. 5.0(CGS).

9. ePZ 06 23 52.5 S.H.
 e(S)N 27 46 G.

10. ePZ 02 52 24 S.H.
 e(S)E 56 09.5 G.

10. ePZ 15 25 00 S.H.

10. eiPZ 21 11 19.5 D. S.H.
 eiSE 17 47 08 G.
 eSSNE 19 35 G.
 eiSSSNE 20 17.5
 eScSE 21 35 G.
 D = 4140 Km.

USCGS:

H: 21 04 04.0., h: 2 Km.
 51.8 N., 99.0 E.
 USSR Mongolia Border Region.
 Mag. 4.9(CGS).

10. ePZ 22 46 21.5 S.H.
 iSNE 46 40.5 S.H.

11. e N 11 21 51 S.H.

11. ePZ 01 27 29 S.H.
D = 2200 Km.
USCGS:
H: 01 22 55.5 h: 94 Km.
34.5 N., 26.5 E.
Crete.
Mag. 4.7(CGS).
11. ePZ 01 57 30.5 S.H., G.
eSNE 02 00 26 G.
D = 1700 Km.
USCGS:
H: 01 53 56.7 h: 27 Km.
34.6 N., 69.9 E.
Afghanistan.
Mag. 5.1(CGS).
11. iPZ 14 29 05.0 C. S.H., G.
iPcPZ 20.0 S.H., G.
eSN 38 31 G.
D = 8200 Km.
USCGS:
H: 14 17 34.1 h: 13 Km.
48.9 N., 156.2 E.
Kurile Islands Region.
Mag. 5.8(CGS).
11. iPZ 14 38 08.5 C. S.H., G.
eSE 47 16 G.
D = 8100 Km.
USCGS:
H: 14 26 41.6., h: 33 Km.
49.0 N., 156.2 E.
Kurile Islands Region.
Mag. 5.5(CGS).
11. iPZ 15 10 41 S.H.
iZ 10 44.5 S.H.
D = 2300 Km.
USCGS:
H: 15 06 02., h: 34 Km.
34.4 N., 26.5 E.
Crete.
Mag. 4.9(CGS).
11. iPZ 21 51 04 S.H., G.
eiPcPZ 15.5 S.H.
eSNE 22 00 24.5 G.
D = 8100 Km.
USCGS:
H: 21 39 35.3 h: 28 Km.
48.8 N., 156.3 E.
Kurile Islands Region.
Mag. 5.1-5.3(CGS).
12. ePZ 11 47 27 S.H.
eSNE 51 18 G.
eSSN 42 G.
eScPZE 55 02 G.
D = 2300 Km.
USCGS:
H: 11 42 46 h: 33 Km.
40.2 N., 78.4 E.
Southern Sinkiang Prov.China.
Mag. 4.7(CGS).
13. ePZ 10 20 52 S.H.
13. ePZ 13 10 15 S.H.
Trace.
13. ePZ 13 16 28 S.H.
eSEN 20 11 G.
D = 2260 Km.
USCGS:
H: 13 11 51 h: 31 Km.
34.8 N., 27.0 E.
Crete.
Mag. 4.8(CGS).
13. ePZ 23 16 30.5 S.H.
e(SS)E 20 00 G.
D = 1900 Km.
USCGS:
H: 23 12 34 h: 27 Km.
29.8 N., 69.9 E.
West Pakistan.
Mag. 4.0(CGS).
13. ePZ 23 57 23 S.H.
e(S)NE 00 01 17 G.
14. ePZ 17 15 00 S.H.
14. eSE 24 10 G.
D = 7670 Km.
USCGS:
H: 17 03 56.5 h: 33 Km.
34.2 N., 138.9 E.
Near S Coast of Honshu, Japan.
Mag. 4.7(CGS).
14. ePN 21 46 30 S.H.
14. ePN 23 00 33 S.H.
e(S)EN 01 40 S.H.

15. ePZ 10 15 37 S.H.
D = 2200 Km.

USCGS:

H: 10 11 07.9 h: 45 Km.
32.1 N., 27.2 E.
Dodecanese Islands.
Mag. 4.5(CGS).

15. ePZ 14 29 22 S.H.
eiSNE 39 S.H.

15. ePZ 14 30 30 C. S.H.
eSE 15 08 48 G.
D = 9246 Km.

USCGS:

H: 14 46 06.5 h: 31 Km.
51.5 N., 178.4 W.
Andranof Islands, Aleutian.
Mag. 5 3/4-6(PAS), 5.5-5.7(BRK)
6(PAL), 5.8(CGS).

16. ePZ 02 58 54 G.
eSEN 03 09 04 G.
D = 9410 Km.

USCGS:

H: 02 46 42.4 h: 212 Km.
60.9 S., 129.4 E.
Banda Sea.
Mag. 5.9(CGS).

16. ePZ 17 35 33.5 C. S.H.
eSE 39 13 S.H.
eSSN 39 51 G.
D = 2300 Km.

USCGS:

H: 17 30 53.5 h: 32 Km.
34.4 N., 26.6 E.
Crete.
Mag. 4.8(CGS).

17. ePZ 01 10 01 S.H.
D = 7490 Km.

USCGS:

H: 00 59 06.3 h: 68 Km.
35.8 N., 140.5 E.
Near East Coast of Honshu, Japan.
Mag. 5.3(CGS).

17. ePZ 07 11 08 C. S.H.
ePPZ 12 45 G.
eSEN 17 19 G.
D = 4550 Km.

USCGS:

H: 07 03 29.4 h: 12 Km.
0.7 N., 30.1 E.
90 Killed 23 Injured and
Major Property damage at Reni,
Republic of Congo.
Uganda,
Mag. 6.3(CGS).

18. ePZ 01 20 43 S.H.
e(S)NE 22 14 G.
ei?NE 38 G.

18. ePZ 09 18 30 S.H.
Trace.

18. eP₁Z 15 02 45 S.H.
eiP₂Z 02 56 S.H.
eS₁NE 03 00 S.H.
eiS₂N 13 S.H.
eiS₃NE 33 S.H.

18. ePZ 15 50 42 S.H.
eSN 49 S.H.

19. ePZ 06 03 27 S.H.
eSNE 07 26 G.
D = 2370 Km.

USCGS:

H: 05 58 40 h: 33 Km.
39.8 N., 78.1 E.
Southern Sinkang Prov., China.
Mag. 5.1(CGS).

19. eiPZ 07 19 02.0 C. S.H.
eSKSEN 29 20 G.
eSEN 34 G.
eiScSNE 45 G.
D = 9500 Km.

USCGS:

H: 07 06 26.8 h: 28 Km.
54.1 N., 164.1 W.
Unimak Island Region.
Mag. 6(PAS), 5.6-6.0(BRK),
6(PAL), 5.8(CGS).

22. iPZ 19 38 36.5 C. S.H.
eiSN 39 01.5 S.H.

22. ePZ 22 33 47 S.H.
e(S)E 34 30 S.H.

23. ePZ 15 45 55 S.H.
eSNE 46 04 S.H.

24. ePZ 09 44 37 S.H.,G.
 eSEN 48 43 G.
 D = 2630 Km.

USCGS:

H: 09 39 26.0., h: 34 Km.
 37.4 N., 22.1 E.
 Southern Greece.
 Mag. 4.9(CGS).

24. ePZ 14 50 49 S.H.
 D = 2310 Km.

USCGS:

H: 14 46 10., h: 53 Km.
 34.1 N., 26.4 E.
 Crete.
 Mag. 4.4(CGS).

24. ePZ 15 50 21 S.H.
 eSE 26 S.H.

24. ePZ 17 48 25 S.H.
 D = 2450 Km.

USCGS:

H: 17 43 32.1., h: 45 Km.
 34.9 N., 24.8 E.
 Crete.
 Mag. 4.9(CGS).

25. ePZ 08 41 33 S.H.,G.
 ePPZ 44 55 G.
 eSKSN 51 46 G.
 eiSE 57 G.
 D = 9490 Km.

USCGS:

H: 08 28 58.6., h: 39 Km.
 6.4 S., 131.1 E.
 Tanimbar Islands Region.
 Mag. 5.8(CGS).

25. eiP'Z 13 40 02.0 S.H.,G.
 ePPZ 42 08 S.H.,G.
 eiPKSEN 43 25 G.
 D = 14360 Km.

USCGS:

H: 13 20 56.2., h: 33 Km.
 52.9 S., 160.0 E.
 Macquarie Island Region.
 Felt on Macquarie.
 Mag. 6.6(CGS).

26. ePZ 00 27 32 S.H.
 eSE 55 S.H.

26. ePZ 04 38 50 S.H.
 eSE 39 15 S.H.

27. eiPZ 01 51 30.5 C. S.H.

27. eiPZ 17 17 51.0 D. S.H.
 eiSNE 18 45 S.H.

27. ePZ 22 18 38 S.H.G.
 eSNE 22 11 G.
 D = 2100 Km.

USCGS:

H: 22 14 14.1., h: 5 Km.
 24.4 N., 68.7 E.
 India - West Pakistan Region.
 Mag. 5.1(CGS).

28. ePZ 00 14 12 S.H.
 eSE 22 32 G.
 D = 6790 Km.

USCGS:

H: 00 03 56.8., h: 33 Km.
 24.4 N., 122.5 E.
 Taiwan Region.
 Mag. 5.7(CGS).

28. iPZ 02 38 57.8 C. S.H.
 iSN 39 32 S.H.

31. ePZ 07 55 35 S.H.
 D = 9480 Km.

USCGS:

H: 07 43 00., h: 33 Km.
 52.3 N., 169.7 W.
 Fox Islands, Aleutian Islands.
 Mag. 4.7(CGS).

31. ePZ 13 36 14 S.H.
 eSN 37 50 S.H.

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Lat. $35^{\circ} 44' 16''$ N. $a = + 0.50773$
 Long. $51^{\circ} 23' 08''$ E. $b = + 0.63570$
 Height..... 1360 M. $c = + 0.58146$

JUNE 1966

- | | |
|---|--|
| <p>1. eP'Z 12 06 56 S.H.
 PKSE 10 20 G.
 D = 15400 Km.</p> <p><u>USCGS:</u>
 H: 11 47 33.1 h: 24 Km.
 23.4 S., 174.9 W.
 Tonga Islands. Region.
 Mag. 5.9(CGS).</p> | <p>4. eiPZ 06 22 12 D. S.H.
 epPZ 28 S.H.
 eSEN 26 23 G.
 D = 2740 Km.</p> <p><u>USCGS:</u>
 H: 06 16 57.4 h: 80 Km.
 36.6 N., 21.0 E.
 Mediterranean Sea.
 Mag. 5.1(CGS).</p> |
| <p>1. ePZ 13 50 52 S.H.
 eSE 52 06 S.H.</p> <p>2. iPZ 03 40 05.2 D. S.H.
 ePPZ 43 06 S.H.
 eSN 50 04 G.
 eSKSNE 16 G.
 D = 9000 Km.</p> <p><u>USCGS:</u>
 H: 03 27 53.3 h: 41 Km.
 51.1 N., 176.6 E.
 Rat Islands Aleutian
 Mag. 6(PAS), $5 \frac{1}{2}$ - $5 \frac{3}{4}$(PAL),
 6.0(CGS).</p> | <p>4. ePZ 23 59 41 C. S.H.
 eipPZ 50.0 S.H.
 esPZ 56 S.H.</p> <p>5. eSNE 00 09 00 G.
 eP'P'Z 27 22 G.
 eSKPPKPZ 31 04 G.
 D = 8000 Km.</p> <p><u>USCGS:</u>
 H: 23 48 17.8 h: 27 Km.
 46.5 N., 152.5 E.
 Kurile Islands.
 Mag. 5.9(CGS).</p> |
| <p>2. ePZ 11 35 30 S.H.
 e(S)NE 36 53 S.H.</p> <p>2. ePZ 17 43 45 S.H.
 e(S)EN 45 07 S.H.</p> <p>4. eiPZ 05 15 28.0 C. S.H.
 esPZ 16 21 G.
 eSEN 18 13 G.
 D = 1760 Km.</p> <p><u>USCGS:</u>
 H: 05 11 45.2 h: 207 Km.
 36.3 N., 70.8 E.
 Hindu Kush Region.
 Mag. 5.7(CGS).</p> | <p>5. ePZ 09 18 14.5 S.H.
 D = 2000 Km.</p> <p><u>USCGS:</u>
 H: 09 14 05.6 h: 39 Km.
 39.1 N., 29.6 E.
 Turkey.
 Mag. 4.4(CGS).</p> <p>5. ePZ 15 13 51 S.H.
 Minor Trace.</p> <p>6. ePZ 05 06 07.5 G.
 D = 1290 Km.</p> <p><u>USCGS:</u>
 H: 05 03 20 h: 27 Km.
 40.3 N., 53.0 E.
 Turkmen SSR.
 Mag. 4.8(CGS).</p> |
| <p>4. ePZ 06 16 46 S.H.
 Trace.</p> | |

6. iPZ 07 49 52.5 C. S.H.,G.
 e(S)E 52 43 S.H.
 D = 1800 Km.

USCGS:

H: 07 46 16.2 h: 225 Km.
 36.3 N., 71.2 E.
 Afghanistan USSR Border Region
 Felt At Faizabad and Dushanbe.
 Mag. 6 3/4(PAS), 6.3(CGS).

6. ePZ 20 58 38 S.H.,G.
 eSNE 21 08 03 G.
 D = 8050 Km.

USCGS:

H: 20 47 11.5 h: 45 Km.
 9.6 N., 126.4 E.
 Mindanao, Philippine, Islands.
 Mag. 5.7(CGS).

7. ePZ 01 18 59 S.H.,G.
 eiPPZ 21 00 G.
 ePKSE 22 18 G.
 D = 14880 Km.

USCGS:

H: 00 59 46.6 h: 48 Km.
 15.0 S., 75.8 W.
 Nearcoast of Peru.
 Mag. 6 1/4(PAS), 6-6 1/4(PAL), 5.5(CGS).

7. ePZ 05 51 33.5 S.H.
 e(S)E 52 03 S.H.

7. ePZ 11 55 12 S.H.
 eSN 12 03 37 G.
 D = 6950 Km.

USCGS:

H: 11 44 51.5 h: 41 Km.
 24.2 N., 122.5 E.
 Taiwan Region,
 Mag. 5.7(CGS).

7. iPZ 14 11 54.3 C. S.H.,G.
 ePPZ 15 21.0 G.
 eSN 22 05 G.
 D = 9110 Km.

USCGS:

H: 13 59 36.0 h: 50 Km.
 11.3 N., 139.6 E.
 West Caroline Islands.
 Mag. 6 3/4-7(PAS) 6 3/4-7(PAL).
 Mag. 6.5(CGS).

7. ePZ 22 29 24 S.H.,G.
 epPZ 36 S.H.
 D = 7100 Km.

USCGS:

H: 22 18 57.4 h: 40 Km.
 5.7 S., 105.5 E.
 Sunda Strait.
 Mag. 5.3(CGS).

8. iPZ 20 08 17.5 C. S.H.,G.
 iPP 11 09 S.H.
 eSNE 18 04 S.H.
 D = 8610 Km.

USCGS:

H: 19 56 21.3 h: 20 Km.
 53.1 N., 171.1 E.
 Near Islands, Aleutian Islands.
 Mag. 5.4(CGS).

8. ePZ 20 30 52 S.H.
 eSNE 31 41.5 S.H.

8. ePZ 21 10 33 S.H.

9. ePZ 00 20 48

9. ePZ 13 54 17 S.H.

9. ePZ 15 50 32 S.H.
 eSN 59 37 G.
 D = 7810 Km.

USCGS:

H: 15 39 27.8 h: 110 Km.
 44.3 N., 147.6 E.
 Kurile Islands.
 Mag. 5.5(CGS).

9. ePZ 22 26 41 S.H.
 eiSNE 28 08 S.H.
 D = 910 Km.

USCGS:

H: 22 24 39.0 h: 8 Km.
 27.6 N., 52.5 E.
 Southern Iran.
 Mag. 5.2(CGS).

10. ePZ 04 37 22 S.H.
 D = 8870 Km.

USCGS:

H: 04 25 14.3 h: 33 Km.
 52.0 N., 175.0 E.
 Near Islands Aleutian Islands.
 Mag. 4.9(CGS).

10.	ePZ	09 17 39	S.H.	12.	ePZ	03 18 08	S.H.
					eSEN	56	G.
11.	e(P)Z	03 11 17	S.H.	12.	ePZ	14 31 (48)	S.H.
	eSNE	19 23	G.				
	D = 6690 Km.			12.	ePZ	14 51 24	S.H.
	<u>USCGS:</u>			13.	eP ₁ Z	01 04 57	S.H.,G.
	H: 03 01 08.7 h: 33 Km.				e(S)N	06 13	S.H.
	23.6 N., 119.9 E.			13.	ePZ	03 59 05	
	Taiwan Region.			13.	ePZ	09 00 53	S.H.
	Mag. 5.2(CGS).			13.	ePZ	11 31 11	S.H.
11.	ePZ	03 17 (43)	S.H.		D = 1880 Km.		
11.	eiPZ	06 12 40	S.H.		<u>USCGS:</u>		
	D = 1870 Km.				H: 11 27 25.4 h: 220 Km.		
	<u>USCGS:</u>				37.2 N., 72.4 E.		
	H: 06 08 49.1 h: 104 Km.				Tadzhik SSR		
	35.7 N., 72.2 E.				Mag. 4.9(CGS).		
	West Pakistan.			13.	ePZ	13 29 23	S.H.,G.
	Mag. 4.9(CGS).			13.	eiP'Z	18 26 57.0	C. S.H.,G.
11.	ePZ	10 27 07	S.H.		eSKSE	33 36	G.
	eSE	31 34	G.		eSKKSE	34 50	G.
	D = 2660 Km.				D = 13210 Km.		
	<u>USCGS:</u>				<u>USCGS:</u>		
	H: 10 21 57 h: 62 Km.				H: 18 08 38.4 h: 259 Km.		
	38.8 N., 21.7 E.				12.2 S. 167.1 E.		
	Greece.				Santacrus Islands		
	Mag. 4.7(CGS).				Mag. 6 3/4(PAS) 6.1-6.4(BRK),		
11.	ePZ	12 10 (16)3	S.H.		6.2(CGS).		
	e(S)E	14 41	G.	14.	iPZ	02 26 02.0	S.H.
	D = 2680 Km.				iSNe	09.5	S.H.
	<u>USCGS:</u>			14.	ePZ	02 47 44	S.H.
	H: 12 05 03.2 h: 51 Km.				e(S)E	48 55	S.H.
	37.5 N., 21.2 E.			14.	ePZ	21 14 26	S.H.,G.
	Southern Greece.				D = 7890 Km.		
	Mag. 4.8(CGS).				<u>USCGS:</u>		
11.	e(P)Z	15 15 (43)	S.H.		H: 21 03 48.3 h: 397 Km.		
11.	eiPZ	15 18 25	S.H.,G.		30.7 N., 138.7 E.		
	eSNE	36	S.H.		South of Honshu, Japan.		
					Mag. 5.1(CGS).		
11.	ePZ	15 18 (59)	S.H.	14.	ePZ	23 48 27	S.H.
	eiSNE	19 10	S.H.	15.	ePZ	01 14 (12)	S.H.,G.
					eP'Z	18 09	G.
11.	ePZ	18 26 00	S.H.		e(PP)Z	19 03	G.
	D = 9240 Km.				D = 12220 Km.		
	<u>USCGS:</u>						
	H: 18 13 40.6 h: 60 Km.						
	51.6 N., 178.4 E.						
	Andreanof Islands Aleutian IS.						
	Mag. 5.9(CGS).						

USCGS:

H: 00 59 45.8 h: 31 Km.
 10.4 S., 160.8 E.
 Solomon Islands
 Felt Onguadalcanal, Malaita,
 and San Cristobal.
 Mag. $7\frac{1}{2}$ (PAS) 7-7.3(BRK) $7\frac{1}{2}$ -7 3/4
 (PAL), 6.1(CGS).

16. ePZ 17 13 (45) S.H.

19. ePZ 17 59 56 S.H.
 eiSE 18 03 07 G.
 D = 2130 Km.

USCGS:

H: 17 55 32.3 h: 31 Km.
 38.6 N., 27.4 E.
 Turkey Minor Damage, Felt at
 Menemen.
 Mag. 4.6(CGS).

19. ePZ 19 41 08 C. S.H.
 D = 9320 Km.

USCGS:

H: 19 28 43.1 h: 57 Km.
 51.7 N., 176.2 W.
 Andreanof Islands.
 Aleutian Islands.
 Mag. 5.2(CGS).

19. ePZ 23 59 04 S.H.
 e(S)E 24 00 00 S.H.

20. ePZ 00 29 50 S.H.
 e(S)E 30 52 S.H.

21. ePZ 04 02 (03) S.H.
 Local shock.

21. ePZ 22 59 24 S.H.
 eS₁E 23 00 (05) S.H.
 eiS₂E 00 24 S.H.

21. eiPZ 23 17 55 C. S.H.
 eSE 27 34 G.
 D = 8050 Km.

USCGS:

H: 23 06 25.9 h: 14 Km.
 50.1 N., 157.8 E.
 Kurile Islands.
 Mag. $5\frac{1}{2}$ - $5\frac{1}{2}$ (PAL), 5.8(CGS).

22. ePZ 13 12 39 S.H.
 eSN 12 46 S.H.

22. iPZ 20 40 26.1 D. S.H.,G.
 iPcPZ 31.2 S.H.,G.
 eipPZ 42 18.5 S.H.
 eiPPZ 44 00.5 S.H.
 epPPZ 45 06 G.
 eSEN 49 41 G.
 D = 9100 Km.

USCGS:

H: 20 29 03.6 h: 507 Km.
 7.2 S., 124.6 E.
 Banda Sea.
 Mag. 6.1(CGS).

23. eiPZ 05 12 04.0 D. S.H.
 ePPZ 14 29 S.H.
 D = 7260 Km.

USCGS:

H: 05 01 42.4 h: 218 Km.
 43.8 N., 139.9 E.
 Eastern Sea of Japan.
 Mag. 5.5(CGS).

24. ePZ 22 39 38 S.H.
 eSE 43 53 G.
 D = 2650 Km.

USCGS:

H: 22 34 24.7 h: 25 Km.
 38.8 N., 21.6 E.
 Greece.
 Mag. 4.6(CGS).

25. eiPZ 01 57 43 C. S.H.,G.
 eSE 02 07 16 G.
 D = 8160 Km.

USCGS:

H: 01 46 10.4 h: 49 Km.
 29.6 N., 142.1 E.
 South of Honshu Japan.
 Mag. 5.5(CGS).

25. ePZ 07 22 (44) S.H.
 Local shock.

26. eP₁Z 11 53 17 S.H.
 eP₂Z 24 S.H.
 eP₃Z 33 S.H.
 eS₁NE 54 14 S.H.
 eiS₂NE 22 S.H.
 D = 430 Km.

USCGS:

H: 11 52 18 h: 33 Km.
 32.7 N., 48.5 E.
 Western Iran.
 Mag. 4.7(CGS).

25. ePZ 14 18 21 S.H.
 Trace of local shock.
26. e(P)Z 13 23 26 S.H.
 Minor trace.
27. ePZ 08 12 22 S.H.
27. ePZ 06 07 41 S.H.
 Minor trace.
27. ePZ 08 12 22 S.H.
 Local shock.
27. ePZ 10 46 35 C. S.H.,G.
 eSNE 51 06 G.
 D = 2830 Km.

USCGS:

H: 10 41 08.6 h: 37 Km.
 29.7 N., 80.9 E.
 Nepal India Border Region.
 80 Killed, Many Injured Major
 Damage at Baitadi Darchula and
 Chain pur Nepal.
 Mag. $5 \frac{3}{4}$ (PAS) $6 \frac{1}{4}$ - $6 \frac{3}{2}$ (PAL),
 6.1(CGS).

27. eiPZ 11 04 46.0 C. S.H.,G.
 eiSE 09 24 S.H.,G.
 D = 2850 Km.

USCGS:

H: 10 59 18.1 h: 40 Km.
 27.9 N., 81.0 E.
 Nepal India Border Region.
 Mag. 6(PAS) $6 \frac{1}{2}$ - $6 \frac{3}{4}$ (PAL),
 6.0(CGS).

27. ePZ
 D = 2839 Km.

USCGS:

H: 13 55 5.19 h: 35 Km.
 29.6 N., 80.8 E.
 Nepal India Border Region.
 Mag. 5.4(CGS).

27. ePZ 22 06 18 S.H.
 Trace of local shock.
28. ePZ 12 57 56 S.H.
 eSE 58 03 S.H.
29. ePZ 05 41 21 S.H.
 eiSNE 42 11.5 S.H.,G.
29. eiPZ 07 03 18.0 C. S.H.
 D = 2700 Km.

USCGS:

H: 06 57 58.1 h: 0 Km.
 49.9 N., 78.0 E.
 Eastern Kazakh SSR.
 Mag. 5.8(CGS).

29. ePZ 14 09 12 S.H.
 e(S)EN 10 13 S.H.
30. eiPZ 09 09 15.0 S.H.
30. ePZ 12 39 05 S.H.,G.
 eSEN 48 36 G.
 D = 8030 Km.

USCGS:

H: 12 27 41.9 h: 44 Km.
 9.8 N., 126.7 E.
 Mindanao Philippine Isl.
 Mag. 5.4(CGS).

30. ePZ 12 58 34 S.H.

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 TEHRAN UNIVERSITY, IRAN

 Lat. $35^{\circ} 44' 16''$ N. $a = + 0.50773$
 Long. $51^{\circ} 23' 08''$ E. $b = + 0.63570$
 Height..... 1360 M. $c = + 0.58146$

JULY 1966

- | | | | | | | | | |
|--------------------------------|-----------------------|------------|----|---------|-------------------------------------|--------------|----------|---------|
| 1. | iPZ | 06 00 44.5 | C. | S.H.,G. | 4. | ePZ | 03 07 48 | S.H. |
| | e(S)NE | 08 59 | | G. | | | | |
| | e('P'P')Z | 30 06 | | S.H. | 4. | ePZ | 12 25 30 | S.H. |
| | | | | | | e(S)E | 33 17 | G. |
| 1. | ePZ | 17 31 14 | | S.H. | | D = 6600 Km. | | |
| | eSE | 35 17 | | G. | <u>USCGS:</u> | | | |
| | D = 2520 Km. | | | | H: 12 15 28.1 | h: 33 Km. | | |
| <u>USCGS:</u> | | | | | 37.5 N., 24.8 W. | | | |
| H: 17 26 14 | h: 33 Km. | | | | Azores Islands Region. | | | |
| 14.0 N., 56.9 E. | | | | | Mag. 5.5(CGS). | | | |
| Arabian Sea. | | | | | | | | |
| Mag. 4.9(CGS). | | | | | 4. | ePZ | 18 45 57 | S.H.,G. |
| | | | | | | ePPZ | 49 08 | G. |
| 1. | eiPZ | 19 17 28.5 | C. | S.H. | | ePPPZ | 01 01 07 | G. |
| | D = 8830 Km. | | | | | ei(S)EN | 55 27 | G. |
| <u>USCGS:</u> | | | | | | eScSNE | 42 | |
| H: 19 05 26.5 | h: 56 Km. | | | | | D = 9250 Km. | | |
| 52.3 N., 174.2 E. | | | | | <u>USCGS:</u> | | | |
| Near Islands Aleutian Islands. | | | | | H: 18 33 35.7 | h: 13 Km. | | |
| Mag. 5.0(CGS). | | | | | 51.7 N., 179.9 E. | | | |
| | | | | | Rat Islands, Aleutian, Islands, | | | |
| | | | | | Felt on Adak. | | | |
| | | | | | Mag. 6 3/4-7(PAS), 6-6.5(BRK), | | | |
| | | | | | 6.2(CGS). | | | |
| 1. | ePZ | 19 59 56 | | S.H. | 5. | ePZ | 02 34 14 | S.H.,G. |
| | eSNE | 20 00 47 | | S.H. | | e(S)EN | 43 51 | G. |
| 1. | ePZ | 20 20 26 | | S.H. | | D = 9270 Km. | | |
| | eSNE | 40 | | S.H. | <u>USCGS:</u> | | | |
| 2. | ePZ | 01 01 29 | | S.H. | H: 02 21 43.8 | h: 66 Km. | | |
| | Trace of local shock. | | | | 52.2 N., 178.4 W. | | | |
| 2. | ePZ | 22 59 47 | | S.H. | Andreanof Islands, Aleutian Islands | | | |
| | | | | | Mag. 4.9(CGS). | | | |
| 3. | ePZ | 04 07 45 | | S.H. | | | | |
| | D = 9440 Km. | | | | 6. | ePZ | 14 04 46 | S.H. |
| <u>USCGS:</u> | | | | | | eSE | 09 37 | G. |
| H: 03 55 15.7 | h: 69 Km. | | | | | D = 2890 Km. | | |
| 52.5 N., 170.2 W. | | | | | <u>USCGS:</u> | | | |
| Fox Islands Aleutian Islands. | | | | | H: 13 59 14.8 | h: 33 Km. | | |
| Mag. 5.3(CGS). | | | | | 43.9 N., 83.2 E. | | | |
| | | | | | Northern Sinkiang Prov., China. | | | |
| 3. | ePZ | 13 04 05 | | S.H. | Mag. 4.8(CGS). | | | |
| | Trace of Local shock | | | | | | | |

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6.	ePZ	17 00 06	S.H.	11.	eP'Z	23 05 22	S.H.
	eSNE	01 05	S.H.		D = 15730 Km.		
7.	ePZ	19 25 46	S.H.	<u>USCGS:</u>			
7.	ePZ	22 15 36	S.H.		H: 22 46 05.7	h: 120 Km.	
	eSNE	48	S.H.		19.2 S., 173.6 W.		
8.	ePZ	03 53 21	S.H.		Tonga Islands.		
	e(S)NE	55 26	G.		Mag. 4.7-5.3(BRK), 5.6(CGS).		
8.	ePZ	21 52 51	S.H.	12.	ePZ	00 06 38	S.H.
9.	ePZ	14 37 56	S.H.		D = 1220 Km.		
	eSNE	38 44	S.H.	<u>USCGS:</u>			
9.	ePZ	17 04 07	S.H.,G.		H: 00 04 12	h: 66 Km.	
	e(S)NE	06 27	S.H.,G.		38.9 N., 41.3 E.		
9.	ePZ	19 53 54	S.H.		Turkey.		
	Trace.				Mag. 4.6(CGS).		
10.	ePZ	05 57 52	S.H.	12.	eiPZ	03 01 34	C. S.H.
	eSNE	58 48	S.H.		eSNE	05 57	S.H.
10.	eP'Z	10 20 02	S.H.		D = 2630 Km.		
	ePKSE	23 38	G.	<u>USCGS:</u>			
	D = 15440 Km.				H: 02 56 23.5	h: 15 Km.	
<u>USCGS:</u>					35.5 N., 22.4 E.		
	H: 10 00 39.1	h: 40 Km.			Mediterranean Sea.		
	30.5 S., 177.8 W.				Mag. 4.9(CGS).		
	Kermadec Islands Region.			12.	ePZ	13 08 52	S.H.
	Mag. 5-5.4(BRK), 5.8(CGS).				eiSNE	09 07	S.H.
10.	eiPZ	16 23 12.5	C. S.H.,G.	12.	ePZ	14 09 54	S.H.
	eSNE	31 30	G.		eSNE	10 52	S.H.
	D = 7050 Km.			12.	ePNE	18 56 33	S.H.
<u>USCGS:</u>					eSNE	59 15	S.H.,G.
	H: 16 12 41.5	h: 28 Km.			D = 1610 Km.		
	242. N., 125.2 E.			<u>USCGS:</u>			
	Southeastern Ryukyu Islands.				H: 18 53 08.5	h: 28 Km.	
	Mag. 4.5-4.9(BRK), 5.9(CGS).				44.6 N., 37.4 E.		
10.	ePZ	22 14 50	S.H.		Western Caucasus.		
	D = 6940 Km.				Mag. 5.9(CGS).		
<u>USCGS:</u>				13.	ePZ	14 52 22	S.H.
	H: 22 04 24.4	h: 58 Km.			D = 8960 Km.		
	24.8 N., 125.3 E.			<u>USCGS:</u>			
	Southwestern Ryukyu Islands.				H: 14 40 25.6	h: 126 Km.	
	Mag. 5.4(CGS).				0.1 S., 122.8 E.		
					Northern Celebes.		
					Mag. 5.0(CGS).		

13. ePZ 21 54 31 S.H.
14. ePZ 05 58 49 S.H.
Trace of local Shock.
14. ePZ 06 29 52 S.H.
eSN 38 51 G.
D = 7710 Km.
- USCGS:
H: 06 18 47.6 h: 71 Km.
35.6 N., 140.0 E.
Near S. Coast of Honshu,
Japan.
Mag. 5.0(CGS).
14. eiPZ 18 18 57 C. S.H.
D = 8600 Km.
- USCGS:
H: 18 07 04.1 h: 29 Km.
53.1 N., 171.1 E.
Near Islands, Aleutian Islands.
Mag. 5.2(CGS).
16. ePZ 01 51 14 S.H.
16. ePZ 19 47 56 S.H.
eSE 51 23 G.
D = 2169 Km.
- USCGS:
H: 19 43 27.4 h: 33 Km.
40.7 N., 74.2 E.
Kirgiz Sinkiang border, Region.
Mag. 4.8(CGS).
17. ePZ 01 53 23 S.H.
e(S)N 55 12 G.
18. ePZ 02 00 55 S.H.,G.
eSNE 05 41 G.
D = 3160 Km.
- USCGS:
H: 01 55 02.1 h: 33 Km.
8.4 N., 58.5 E.
Carlsberg ridge.
Mag. 4.9(CGS).
18. ePZ 08 48 17 S.H.
eiSNE 25 S.H.
18. ePZ 10 04 17 S.H.,G.
eSNE 08 32
D = 2610 Km.
- USCGS:
H: 09 59 10 h: 33 Km.
13.1N., 57.6 E.
Arabian Sea.
Mag. 5.1(CGS).
18. ePZ 19 38 02 S.H.
Minor Trace.
18. ePZ 19 43 35 S.H.
Trace. of distant shock.
18. eP'Z 22 35 26 S.H.,G.
D = 17110 Km.
- USCGS:
H: 22 15 38 h: 33 Km.
38.3 S., 93.7 W.
west Chile rise.
Mag. 5.1(CGS).
19. eiPZ 01 52 22.0 D. S.H.
eSNE 02 01 48 G.
D = 8060 Km.
- USCGS:
H: 01 40 53.9 h: 18 Km.
56.2 N., 164.9 E.
Komandorsky Islands, Region.
Mag. 6-6 $\frac{1}{4}$ (PAS), 6-6.3(BRK),
6(PAC), 5.4(CGS).
19. ePZ 03 32 58 S.H.
D = 2020 Km.
- USCGS:
H: 03 28 53 h: 138 Km.
36.2 N., 71.4 E.
Afghanistan U.S.S.R.
Border Region.
Mag. 4.5(CGS).
19. eiPZ 19 33 03.5 C. S.H.,G.
ei(S)NE 43 27 G.
D = 9290 Km.
- USCGS:
H: 19 20 33.4 h: 47 Km.
51.7 N., 173.3 W.
Andreanof Island, Aleutian.
Is felt on Adak.
Mag. 5.5(CGS).

20. ePZ 14 43 52 S.H.
eiSNE 59 S.H.
21. ePZ 04 03 18.0 C. S.H.
D = 2600 Km.
- USCGS:
H: 03 57 57.8 h: 0 Km.
49.7 N., 77.3 E.
Eastern Kazakh SSR.
Mag. 5.6(CGS).
21. ePZ 09 15 03 S.H.
D = 9490 Km.
- USCGS:
H: 09 02 27.2 h: 30 Km.
52.0 N., 170.0 W.
Fox Islands, Aleutian, Islands.
Mag. 5.3(CGS).
21. ePZ 10 15 19 S.H.
D = 9420 Km.
- USCGS:
H: 10 02 48.3 h: 47 Km.
51.5 N., 173.3 W.
Andreanof Islands Aleutian Islands.
Mag. 4.7(CGS).
21. eP'Z 18 48 24 S.H.
ei(pP')Z 50 55.5 S.H.,G.
D = 14660 Km.
- USCGS:
H: 18 30 14.9 h: 591 Km.
17.8 S., 178.6 W.
Fiji Islands Region.
Mag. 6(PAS), 5-5.3(BRK), 5.6(CGS).
21. eiPZ 19 13 19.5 S.H.
eiSNE 33.5 S.H.
22. ePZ 03 45 38 S.H.
22. ePZ 08 23 36 S.H.
eSE 24 21 S.H.
22. eiPZ 10 29 52.0 C. S.H.,G.
eSKSNE 40 17 G.
eiSNE 33 G.
D = 9460 Km.
- USCGS:
H: 10 17 22.5 h: 56 Km.
51.7 N., 173.5 W.
Andreanof Islands Aleutian Islnds,
felt on Adak.
Mag. 5-3/4(PAL), 5.6(CGS).
22. ePZ 17 20 57 S.H.
eSN 21 51 S.H.
23. ePZ 05 58 51 S.H.
D = 9470 Km.
- USCGS:
H: 05 46 23 h: 89 Km.
7.1 S., 130.0 E.
Banda Sea.
Mag. 5.1 (CGS).
23. ePZ 06 21 29 S.H.
Trace of local Shocks.
23. ePZ 08 38 49 S.H.
D = 9560 Km.
- USCGS:
H: 08 26 10.1 h: 33 Km.
51.9 N., 173.5 W.
Andreanof Islands Aleutian
Islands.
Mag. 4.7(CGS).
23. eiPZ 14 44 21.0 C.C.S.H.
eSKSNE 54 44 G.
e(S)NE 55 00 G.
D = 9450 Km.
- USCGS:
H: 14 31 51.2 h: 55 Km.
51.7 N., 173.5 W.
Andreanof Islands Aleutian
Islands.
Mag. 4.5-4.9(BRK), 5.3(CGS).
23. eiPZ 20 24 31.5 C. S.H.
D = 9410 Km.
- USCGS:
H: 20 12 00.1 h: 36 Km.
51.8 N., 173.5 W.
Andreanof Islands Aleutian Islan
Mag. 4.9(CGS).
24. ePZ 03 57 (55) S.H.
Trace.
24. ePZ 05 11 (33) S.H.
D = 1830 Km.
- USCGS:
H: 05 07 40 h: 9 Km.
30.1 N., 69.9 E.
West Pakistan.
Mag. 4.3(CGS).

25.	ePZ	09 31 14		S.H.					
		D = 9530 Km.							
<u>USCGS:</u>									
		H: 09 18 36.7	h: 31 Km.						
		52.1 N., 170.0 W.							
		Fox - Islands Aleutian Islands.							
		Mag. 4.3(CGS).							
25.	ePZ	14 46 35		S.H.					
		Local Shock.							
25.	ePZ	14 50 (41)		S.H.					
	eSE	48		S.H.					
25.	eP ₁ Z	15 08 02		S.H.					
	eP ₂ Z	11		S.H.					
	eS ₁ N	52		S.H.					
	eS ₂ N	09 06		S.H.					
25.	ePZ	17 12 19		S.H.					
	eSE	13 20		S.H.					
26.	ePZ	01 32 50		S.H.					
		Local Shock.							
27.	eiP ₁ Z	14 50 01.5	C.	S.H.,G.					
	iP ₂ Z	07.5		S.H.					
	iS ₁ NE	59		S.H.					
		D = 420 Km.							
<u>USCGS:</u>									
		H: 14 49 02.0	h: 36 Km.						
		32.6 N., 48.8 E.							
		Western Iran.							
		Mag. 5.5(CGS).							
27.	ePZ	15 13 55		S.H.					
	eSE	14 31		S.H.					
27.	eiP ₁ Z	15 31 24.5		S.H.,G.					
	iP ₂ Z	31.5		S.H.					
	eiS ₁ NE	32 19.5		S.H.					
	iS ₂ NE	27.5		S.H.					
<u>USCGS:</u>									
		D = 420 Km.							
		H: 15 30 26.4	h: 45 Km.						
		32.6 N., 48.8 E.							
		Western Iran.							
		Mag. 3.9(CGS).							
27.	ePZ	15 43 37		S.H.					
	eSN	44 31		S.H.					
27.	ePZ	15 47 52		S.H.,G.					
	eSE	48 51		G.					
27.	ePZ	16 09 30		S.H.					
	eSE	10 22		S.H.					
27.	ePZ	16 16 00		S.H.					
	eSEN	56		S.H.					
27.	ePZ	16 37 08		S.H.					
27.	eP ₁ Z	16 58 46		S.H.,G.					
	iP ₂ Z	52.5		S.H.					
	eS ₁ E	59 42		S.H.					
	eiS ₂ E	50.5		S.H.					
27.	eP ₁ Z	17 06 56		S.H.,G.					
	eiP ₂ Z	07 02.5		S.H.					
		D = ² 390 Km.							
<u>USCGS:</u>									
		H: 17 06 02	h: 74 Km.						
		32.6 N 49.3 E.							
		Western Iran.							
27.	ePZ	18 07 00		S.H.					
		D = 410 Km.							
<u>USCGS:</u>									
		H: 18 06 34 (05)	h: 36 Km.						
		32.8 N., 48.7 E.							
		Western Iran.							
		Mag. 4.9(CGS).							
27.	eP ₁ Z	19 41 07		S.H.,G.					
	eP ₂ Z	13		S.H.					
	eSE	57		S.H.					
		D = 420 Km.							
<u>USCGS:</u>									
		H: 19 40 09.6	h: 54 Km.						
		32.6 N., 49.0 E.							
		Western Iran.							
		Mag. 5.2(CGS).							
27.	eP ₁ Z	21 11 06		S.H.,G.					
	eiP ₂ Z	12.5		S.H.					
	eiSE	12 02.5		S.H.					
		D = 420 Km.							
<u>USCGS:</u>									
		H: 21 10 09	h: 60 Km.						
		32.6 N., 49.0 E.							
		Western Iran.							

27.	ePZ	22 03 56	S.H.	29.	ePZ	09 52 16	S.H.
	Trace.				eSN	24	S.H.
27.	ePZ	23 46 17	S.H.	29.	ePZ	20 02 (05)	S.H.
	Trace.				eSN	03 10	S.H.
28.	ePZ	07 37 18	S.H.	31.	ePZ	03 30 14	S.H.
	Local Shock.				eSNE	31 37	S.H.
29.	ePZ	08 22 34	S.H.		D = 910 Km.		
	eS ₁ N	24 03	S.H.		<u>USCGS:</u>		
	eS ₂ E	50.0	S.H.		H: 03 28 14 h: 33 Km.		
<u>USCGS:</u>	D = 820 Km.				42.8 N., 46.2 E.		
	H: 08 20 46 h: 33 Km.				Eastern Caucasus.		
	28.5 N., 51.6 E.				Mag. 4.7(CGS).		
	Southern Iran.			31.	eiPZ	08 18 33.0	S.H.,G.
	Mag. 4.8(CGS).				eiSN	49.0	S.H.

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Lat. $35^{\circ}44'16''$ N. a = + 0.50773
 Long. $51^{\circ}23'08''$ E. b = + 6.63670
 Height.... 1360 M. c = + 0.58146

AUGUST 1966

- | | |
|--|--|
| <p>1. ePZ 18 10 15 S.H.
 Trace of local shock.</p> <p>1. ePZ 18 23 39 S.H.
 Trace of local shock.</p> <p>1. eiPZ 19 13 36.5 C. S.H.,G.
 eiSE 16 28.0 G.
 eiSSE 48.0 G.
 eiPpPZ 18 31.5 G.
 D = 1760 Km.</p> <p><u>USCGS:</u>
 H: 19 09 55.1 h: 33 Km.
 29.9 N., 68.8 E.
 West Pakistan.
 Mag. 5.8(CGS).</p> <p>1. eiPZ 20 34 36.5 C. G.
 ePPPZ 35 00 G.
 D = 1730 Km.</p> <p><u>USCGS:</u>
 H: 20 30 57.0 h: 33 Km.
 29.9 N., 68.6 E.
 West Pakistan.
 Mag. 5.7(CGS).</p> <p>1. eiPZ 21 06 38.5 C. S.H.,G.
 D = 1730 Km.</p> <p><u>USCGS:</u>
 H: 21 02 59.6 h: 33 Km.
 30.0 N., 68.7 E.
 West Pakistan.
 2killed, 15 injured. About 45
 villages destroyed. Felt in Quetta.
 Mag. 6 3/4(PAS), 6.2(CGS).</p> <p>1. ePZ 22 34 36 S.H.,G.
 D = 1750 Km.</p> <p><u>USCGS:</u>
 H: 22 30 54.8 h: 33 Km.
 30.0 N., 68.9 E.
 West Pakistan.
 Mag. 5.2(CGS).</p> | <p>2. ePZ 05 45 18 S.H.
 eSSSN 48 26 G.
 ePcPZ 49 06 G.
 D = 1740 Km.</p> <p><u>USCGS:</u>
 H: 05 41 37.4 h: 32 Km.
 30.0 N., 68.8 E.
 West Pakistan.
 Mag. 5.2(CGS).</p> <p>2. ePZ 09 22 44 S.H.
 eiSSN 25 54.0 G.
 ePcPZ 27 41 G.
 D = 1800 Km.</p> <p><u>USCGS:</u>
 H: 09 18 57.6 h: 21 Km.
 29.9 N., 69.2 E.
 West Pakistan.
 Mag. 5.1(CGS).</p> <p>2. ePZ 14 23 44 S.H.
 eSNE 24 23 S.H.</p> <p>2. ePZ 21 24 36 S.H.
 Trace.</p> <p>3. ePZ 14 20 43 S.H.
 e(S)E 21 41 S.H.</p> <p>4. eiPZ 05 53 23.5 C. S.H.
 D = 8580 Km.</p> <p><u>USCGS:</u>
 H: 05 42 21.3 h: 531 Km.
 7.3 S., 120.3 E.
 Flores Sea.
 Mag. 5.5(CGS).</p> <p>4. ePZ 08 26 43 S.H.</p> <p>4. ePZ 22 33 05 S.H.
 Trace.</p> |
|--|--|

5. ePZ 01 08 13 S.H.
 eSEN 12 26 G.
 eSSEN 13 18 G.
 D = 2640 Km.

USCGS:
 H: 01 03 04.4 h: 55 Km.
 32.6 N., 79.6 E.
 Kashmir-Tibet Border Region.
 Mag. 5.3(CGS).

5. iPZ 11 47 52.8 C. S.H.
 eiSNE 48 07.0 S.H.

7. iPZ 02 25 40.3 D. G.
 epPZ 50 S.H.,G.
 eiPPZ 29 09.0 G.
 eiSNEZ 36 23.5 G.
 eiPSNEZ 37 11.0 G.
 D = 9500 Km.

USCGS:
 H: 02 13 05.1 h: 39 Km.
 50.6 N., 171.3 W.
 Aleutian Islands Region.
 Felt on ADAK
 Mag. 7.0(BRK), 6.5(CGS).

7. ePZ 16 51 27 S.H.
 e(S)E 52 25 S.H.

7. eP'Z 17 54 (58) G.
 ePPZ 55 44 G.
 ePPSNE 18 06 11 G.
 D = 12440 Km.

USCGS:
 H: 17 36 26.7 h: 33 Km.
 31.8 N., 114.5 W.
 Gulf of California, Felt Widely
 in Southern California, Arizona
 and northern Mexico.
 Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAS), 6.7-7.0
 (BRK), 6.3(CGS).

9. eiP₁Z 00 20 56.0 C. S.H.
 eP₁Z 21 02 S.H.
 eSE₂ 42 S.H.
 D = 420 Km.

USCGS:
 H: 00 20 00., h: 54 Km.
 32.8 N., 48.7 E.
 Western Iran.
 Mag. 4.2(CGS).

9. ePZ 00 32 13 S.H.
 Trace.

9. ePZ 01 08 31 S.H.
 eSE 09 31 S.H.

9. ePZ 03 39 39 S.H.
 D = 2810 Km.

USCGS:
 H: 03 34 14.3 h: 33 Km.
 40.3 N., 19.9 E.
 Albania.
 Mag. 5.0(CGS).

9. ePZ 13 07 10 S.H.
 eSE 16 S.H.

10. eP'Z 05 20 21 S.H.,G.
 e(SKp)Z 23 39 G.
 D = 15210 Km.

USCGS:
 H: 05 01 09.4 h: 96 Km.
 20.1 S., 175.3 W.
 Tonga Islands.
 Mag. $6\frac{1}{2}$ (PAS), 5.2-5.6(BRK)
 5.8(CGS).

10. ePZ 15 27 48 S.H.
 Trace.

10. eiPZ 22 09 14.0 S.H.,G.
 eSSN 12 19 G.
 D = 1690 Km.

USCGS:
 H: 22 05 35 h: 4 Km.
 38.4 N., 69.6 E.
 Tadzhik SSR
 Mag. 5.3(CGS).

11. ePZ 00 28 55 S.H.
 D = 2700 Km.

USCGS:
 H: 00 23 40.4 h: 43 Km.
 37.8 N., 20.9 E.
 Ionian Sea.
 Mag. 4.5(CGS).

11. eiPZ 10 58 20.0 C. S.H.,G.
 D = 9220 Km.

USCGS:

H: 10 45 59.6 h: 61 Km.
 52.8 N., 169.7 W.
 Fox Islands, Aleutian Islands.
 Mag. 5.3(CGS).

11. ePZ 13 22 34 S.H.
 iSN 57.6 S.H.
12. ePZ 19 32 50 S.H.
 Trace.
12. eiPZ 20 29 47.5 C. S.H.,G.
 eSKSN 40 19 G.
 eSNE 32 G.
 D = 9750 Km.

USCGS:

H: 12 16 59.8 h: 31 Km.
 52.9 N., 161.6 W.
 South of Alaska.
 Mag. 4.5-4.9(BRK),5.6(CGS).

13. ePZ 18 01 43 S.H.
 eSNE 02 06 S.H.
14. ePZ 04 12 11 S.H.
 eSNE 13 02 S.H.
14. ePZ 08 31 22 S.H.
 eSNE 30 S.H.
14. ePZ 21 12 28 S.H.
 eSE 13 04 S.H.
15. eiPZ 02 20 49.5 D. S.H.,G.
 eiSE 25 12.0 G.
 D = 2720 Km.

USCGS:

H: 02 15 33.8 h: 50 Km.
 28.7 N., 78.9 E,
 Northern India.
 15 killed, 24 Injured at New Delhi.
 Mag, 5.8(CGS).

15. ePZ 02 56 24 S.H.
 eSNE 03 05 18 G.
 D = 7420 Km.

USCGS:

H: 02 45 32.3 h: 14 Km.
 13.3 N., 121.3 E.
 Mindoro, Philippine Islands felt.
 Mag. 5.7(CGS).

15. eiPZ 10 27 28.0 C. G.
 ePPZ 28 30 G.
 ePPPZN 29 28 G.
 eSE 32 58 G.
 e(SS)E 34 24 G.
 e. E 36 22 G.
 D = 3830 Km.

USCGS:

H: 10 20 42.2 h: 37 Km.
 3.8 N., 64.0 E.
 Carlesberg Ridge.
 Mag. 5.6(CGS).

15. ePZ 13 48 53 S.H.
 e(S)N 59 12 G.
 D = 9260 Km.

USCGS:

H: 13 36 23.7 h: 9 Km.
 60.4 N., 146.0 W.
 Southern Alaska.
 Mag. 4.6-5.0(BRK),5.3(CGS).

16. iPZ 02 19 53.6 C. S.H.,G.
 SNE 22 48.0 G.
 D = 1770 Km.

USCGS:

H: 02 16 19.7 h: 199 Km.
 36.4 N., 70.8 E.
 Hindu Kush Region.
 Felt Peshewar.
 Mag. 5.7(CGS).

16. ePZ 03 58 10 S.H.
17. ePN 19 34 19 S.H.
 eSN 35 06 S.H.
18. ePZ 06 50 19 S.H.,G.
 ePPZ 53 24 G.
 D = 8960 Km.

USCGS:

H: 06 38 04 h: 44 Km.
 51.5 N., 177.8 E.
 Rat Islands, Aleutian Islands.
 Mag. 5.3(CGS).

18. eiPZ 14 45 48.0 C. G.
 ePPZ 48 38 G.
 e(PPP)Z 50 21 G.
 eSKSN 55 58 G.
 D = 8550 Km.

USCGS:

H: 14 33 59.8 h: 56 Km.
 0.2 S., 125.1 E.
 Molucca Sea.
 Mag. 6.3(CGS).

18. ePZ 14 49 42 G.
 eSKSN 59 50 G.
 D = 8510 Km.

USCGS:

H: 14 37 53 h: 33 Km.
 0.1 S., 125.1 E.
 Molucca Sea.
 Mag. 6.3(CGS).

19. eiPZ 12 24 16.5 D. G.
 D = 910 Km.

USCGS:

H: 12 22 09.6 h: 26 Km.
 39.2 N., 41.7 E.
 Turkey.
 More than 3000 Killed, many injured, with major property damage in Erzurum, Bingol.
 Mag. 7(PAS), 6.7-6.9(BRK), 6 3/4(PAL), 6.7(CGS Surface wave) 6.1(CGS).

19. ePZ 13 17 24 S.H.
 eSN 19 00 S.H.
 D = 1020 Km.

USCGS:

H: 13 15 10.1 h: 33 Km.
 39.2 N., 41.1 E.
 Turkey.
 Mag. 5.1 (CGS).

19. ePZ 13 56 31 S.H.
 D = 950 Km.

USCGS:

H: 13 54 24.9 h: 33 Km.
 38.9 N., 41.7 E.
 Turkey.
 Mag. 5.3(CGS).

19. ePZ 14 20 11 S.H.
 D = 1020 Km.

USCGS:

H: 14 17 57.5 h: 47 Km.
 39.2 N., 41.1 E.
 Turkey.
 Mag. 5.1 (CGS).

19. ePZ 18 43 24 S.H.
 D = 980 Km.

USCGS:

H: 18 41 16.0 h: 33 Km.
 39.1 N., 41.4 E.
 Turkey.
 Mag. 4.9(CGS).

20. eiPZ 09 43 04.0 C. S.H.
 epPZ 43 S.H.
 eSN 51 39 G.
 D = 7340 Km.

USCGS:

H: 09 32 31.7 h: 161 Km.
 43.1 N., 140.6 E.
 Hokkaido, Japan Region, Felt on Hokkaido.
 Mag. 6 $\frac{1}{4}$ (PAS), 5.8(CGS).

20. ePZ 10 21 30 S.H.
 Trace.

20. ePZ 12 01 22 S.H., G.
 D = 990 Km.

USCGS:

H: 11 59 12.1 h: 37 Km.
 39.3 N., 40.9 E.
 Turkey.
 25 Killed in Varto Area.
 Mag. 5.4(CGS).

20. ePZ 17 56 11 S.H.
 D = 980 Km.

USCGS:

H: 17 54 03 h: 33 Km.
 39.3 N., 41.2 E.
 Turkey.
 Mag. 4.4(CGS).

20. eP'Z 23 14 22 S.H.
D = 15320 Km.
- USCGS:
H: 22 55 03.0 h: 57 Km.
23.4 S., 176.0 E.
South of Fiji Islands.
Mag. 5 3/4(PAS) 5.6-5.8(BRK),
5.6(CGS).
21. ePZ 00 17 12 S.H.
D = 970 Km.
- USCGS:
H: 00 15 04.1 h: 33 Km.
39.2 N., 41.8 E.
Turkey.
Mag. 4.8(CGS).
21. ePZ 01 35 11 S.H.,G.
esPZ 23 G.
eSE 38 50 G.
D = 2140 Km.
- USCGS:
H: 01 30 45.2 h: 33 Km.
40.3 N., 27.4 E.
Turkey.
Mag. 4.9(CGS).
21. eiPZ 05 11 52.0 C. G.
eSEN 21 18
D = 8120 Km.
- USCGS:
H: 05 00 26.8 h: 67 Km.
8.5 N., 126.7 E.
Mindanao Philippine Islands.
Mag. 6.6-6.9(BRK),6.0(CGS).
22. ePZ 11 41 01 S.H.
22. eiPZ 14 31 09.0 D. S.H.,G.
epPZ 33 14 S.H.
eSE 39 39 19 G.
D = 7460 Km.
- USCGS:
H: 14 21 13.7 h: 628 Km.
50.3 N., 147.6 E.
Sea of Okhotsk.
Mag. 5.2-5.6(BRK),5.2(CGS).
22. ePZ 17 14 41 S.H.
e(SKS)EN 25 05 G.
D = 9420 Km.
- USCGS:
H: 17 02 03.5 h: 13 Km.
1.8 S., 134.2 E.
West New Guinea Region.
Mag. 5.9(CGS).
22. eP'Z 18 01 11 S.H.
ePPZ 03 14 S.H.,G.
D = 14100 Km.
- USCGS:
H: 17 42 10.6 h: 39 Km.
22.4 S., 170.6 E.
Loyalty Islands Region.
Mag. 5.5(CGS).
23. ePZ 01 16 37 S.H.
Trace.
23. ePZ 01 38 02 S.H.
D = 1050 Km.
- USCGS:
H: 01 35 45 h: 33 Km.
39.2 N., 41.0 E.
Turkey.
Mag. 4.6(CGS).
23. ePZ 10 20 14 S.H.
eSEN 37 S.H.
23. ePZ 18 32 (38) S.H.
D = 6900 Km.
- USCGS:
H: 18 22 16.7 h: 37 Km.
23.8 N., 123.2 E.
South Western Ryukyu Islands.
Mag. 5.6(CGS).
24. ePZ 02 51 03 S.H.
D = 1950 Km.
- USCGS:
H: 02 47 01 h: 72 Km.
37.2 N., 73.2 E.
Tadzhik SSR.
Mag. 4.6(CGS).
24. ePZ 06 54 55 S.H.
D = 1740 Km.
- USCGS:
H: 06 51 15.8 h: 33 Km.
29.9 N., 68.6 E.
West Pakistan.
Mag. 5.1(CGS).
24. eP'Z 07 36 12 S.H.
ePPZ 38 05 S.H.
D = 14220 Km.
- USCGS:
H: 07 17 17.8 h: 100 Km.
19.9 S., 69.2 W.
Northern Chile Felt at,
Arequipa Peru.
Mag. 4.7-5.1(BRK),5.5(CGS).

24. ePZ 13 05 07 S.H.
eSE 16 S.H.

24. ePZ 23 49 38 S.H.

26. ePZ 10 19 25 S.H.

28. iPZ 10 46 36.4 D. S.H.
eSNE 49 34 G.
e(PcP)Z 50 50 G.
D = 1780 Km.

USCGS:

H: 10 43 01.0 h: 173 Km.
36.3 N., 70.9 E.
Hindu Kush Region.
Mag. 4.9(CGS).

30. eP₁Z 06 43 43 S.H.
eiP₁Z 44 01.0 S.H.
eS₁²EN 48 S.H.
eiS₁²EN 45 13.0 S.H.
D = ²570 Km.

USCGS:

H: 06 42 26 h: 33 Km.
32.2 N., 56.1 E.
IRAN.

30. ePZ 12 50 22 S.H.

30. eiPZ 19 05 56.5 D. S.H.
eSNE 06 46 S.H.

30. eiPZ 20 33 13.0 D. S.H.
D = 9110 Km.

USCGS:

H: 20 20 54 h: 36 Km.
61.3 N., 147.5 W.
Southern Alaska Felt at
Anchorage Valdez, Glennallen,
Cardava, and Kenai.
Mag. 5 3/4-6(PAS), 4.9-5.3(BRK)
5 3/4(PAL), 5.9(CGS).

31. ePZ 01 22 (50) S.H.

31. ePZ 18 24 02 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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- | | |
|---|---|
| <p>1. ePZ 14 27 40 S.H.,G.
 D = 8120 Km.</p> <p><u>USCGS:</u>
 H: 14 16 14.1 h: 42 Km.
 31.8 N., 142.4 E.
 South of Hunshu, Japan,
 Mag. 5.5(CGS).</p> <p>1. ePZ 14 28 06 S.H.
 eSE 32 10 G.
 D = 2600 Km.</p> <p><u>USCGS:</u>
 H: 14 22 57.0., h: 17 Km.
 37.5 N., 22.1 E.
 Southern Greece, 20 injured and
 1000 homes destroyed in central
 peloponnesus, Region. Felt in
 Athens.
 Mag. 5.3(CGS).</p> <p>1. ePZ 20 49 08 S.H.
 e(S)E 50 34 G.</p> <p>1. iPZ 21 15 25.8 C. S.H.
 eiSN 31.5 S.H.</p> <p>2. ePZ 10 46 23 S.H.
 eSNE 50 26 G.
 esSN 42 G.
 D = 2550 Km.</p> <p><u>USCGS:</u>
 H: 10 41 21 h: 33 Km.
 12.9 N., 50.9 E.
 Eastern Gulf of Aden.
 Mag. 4.8(CGS).</p> <p>2. ePZ 11 14 56 S.H.
 D = 880 Km.</p> <p><u>USCGS:</u>
 H: 11 13 00 h: 33 Km.
 27.7 N., 52.4 E.
 Southern Iran.
 Mag. 5.0(CGS).</p> | <p>4. ePZ 06 11 42 S.H.
 eSNE 12 00 S.H.</p> <p>5. ePZ 07 54 36 S.H.
 eSNE 55 17 S.H.</p> <p>7. iPZ 20 27 20.0 D. S.H.
 eiSNE 30.5 S.H.</p> <p>8. ePZ 12 20 12 S.H.
 D = 9200 Km.</p> <p><u>USCGS:</u>
 H: 12 07 50 h: 33 Km.
 22.5 S., 10.7 W.
 South Atlantic Ridge.
 Mag. 5.4(CGS).</p> <p>8. ePZ 12 21 44 S.H.
 D = 1730 Km.</p> <p><u>USCGS:</u>
 H: 12 18 14.8 h: 223 Km.
 36.4 N., 70.2 E.
 Hindu-Kush Region.
 Mag. 4.9(CGS).</p> <p>8. iPZ 21 27 43.0 C. S.H.,G.
 ipPZ 28 08.5 S.H.
 eSN 37 27 G.
 ei(ScS)N 56.5 G.
 eP'P'Z 54 42 S.H.
 D = 8690 Km.</p> <p><u>USCGS:</u>
 H: 21 15 52.8 h: 96 Km.
 2.4 N., 128.4 E.
 Halmahera.
 Mag. 6 3/4-7(PAS), 6.7-7.1(BRK),
 6 3/4-7(PAL), 6.9(CGS).</p> |
|---|---|

8.	iPZ	22 06 58.5	C.	S.H.			
		D = 7930 Km.					
	<u>USCGS:</u>						
		H: 21 55 40.1 h: 32 Km.					
		45.4 N., 150.5 E.					
		Kurile Islands.					
		Mag. 5.6(CGS).					
9.	ePZ	05 15 26		S.H.			
	eSN	16 02		S.H.			
9.	ePZ	14 42 34		S.H.			
	eSE	43 17		S.H.			
9.	eiPZ	19 57 41.5		S.H.			
	eSNE	58 03		S.H.			
9.	ePZ	20 35 30		S.H.			
	eiSNE	49.5		S.H.			
9.	ePZ	20 46 49		S.H.			
	eSN	50 24		G.			
	eSSN	58		G.			
		D = 2320 Km.					
	<u>USCGS:</u>						
		H: 20 42 06.3 h: 28 Km.					
		14.7 N., 52.3 E.					
		Eastern Gulf of Aden.					
		Mag. 4.9(CGS).					
10.	ePZ	10 12 14		S.H.			
		D = 1100 Km.					
	<u>USCGS:</u>						
		H: 10 09 51 h: 33 Km.					
		39.2 N., 41.4 E.					
		Turkey.					
10.	ePZ	13 41 51		S.H.			
		Trace of local Shock.					
10.	ePZ	17 49 38		S.H.			
		Trace of local Shock.					
10.	ePZ	22 16 53		S.H.			
	eSEN	17 51		S.H.			
11.	ePZ	10 48 58		S.H.			
	eSEN	49 51		S.H.			
12.	eP'Z	11 48 40		S.H.			
	ePPZ	50 37		S.H., G.			
	e(PKS)NE	51 58		G.			
	e(sPPP)Z	53 45		G.			
		D = 14170 Km.					
	<u>USCGS:</u>						
		H: 11 29 40.3 h: 49 Km.					
		23.1 S., 170.6 E.					
		Loyalty Islands Region.					
		Mag. 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (PAS), 6.4-6.7(BRK),					
		6 $\frac{3}{4}$ (PAL), 6.1(CGS).					
13.	ePZ	02 54 23		S.H.			
13.	ePZ	10 52 30		S.H.			
		Local shock.					
13.	ePZ	20 26 26		S.H.			
		D = 1200 Km.					
	<u>USCGS:</u>						
		H: 20 23 51 h: 33 Km.					
		38.9 N., 40.6 E.					
		Turkey.					
		Mag. 4.5(CGS).					
13.	ePZ	23 44 23		S.H.			
	eSN	26		S.H.			
14.	ePZ	00 51 55		S.H.			
	ePPZ	52 22		S.H.			
	eSE	55 43		G.			
		D = 2400 Km.					
	<u>USCGS:</u>						
		H: 00 47 55 h: 23 Km.					
		14.6 N., 56.4 E.					
		Arabian Sea.					
		Mag. 5.3(CGS).					
14.	eP'Z	23 37 22		S.H.			
	ePPZ	38 29		G.			
	eSKKSNE	45 19		G.			
	ePScSNE	48 11		G.			
		D = 12910 Km.					
	<u>USCGS:</u>						
		H: 23 18 41.6 h: 33 Km.					
		60.1 S., 27.0 W.					
		South sandwich Islands Region.					
		Mag. 6.2(CGS).					

- | | | | | | | | | |
|---------------|--------------------------------|------------|----|---------|--|--|--|--|
| 15. | eP'Z | 12 10 38 | | S.H. | | | | |
| | ePPZ | 11 53 | | S.H.,G. | | | | |
| | eSKKSNE | 18 36 | | G. | | | | |
| | ePScSNE | 21 39 | | G. | | | | |
| | D = 13030 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 11 51 55.7 h: 33 Km. | | | | | | | |
| | 60.3 S., 26.7 W. | | | | | | | |
| | South Sandwich Islands Region. | | | | | | | |
| | Mag. 5.7(CGS). | | | | | | | |
| 15. | ePZ | 17 20 58 | | S.H. | | | | |
| | eSNE | 29 22 | | G. | | | | |
| | D = 6780 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 17 10 46.8 h: 47 Km. | | | | | | | |
| | 22.8 N., 121.4 E. | | | | | | | |
| | Taiwan Region. | | | | | | | |
| | Mag. 5.5(CGS). | | | | | | | |
| 16. | eipZ | 03 01 00.0 | C. | S.H. | | | | |
| | D = 9560 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 02 48 21.8 h: 39 Km. | | | | | | | |
| | 54.1 N., 163.5 W. | | | | | | | |
| | Unimak Islands Region. | | | | | | | |
| | Mag. 5.3(CGS). | | | | | | | |
| 16. | ePZ | 17 23 19 | | S.H. | | | | |
| | epPZ | 29 | | S.H. | | | | |
| | D = 9600 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 17 10 39.0 h: 34 Km. | | | | | | | |
| | 53.8 N., 163.1 W. | | | | | | | |
| | Unimak Islands Region. | | | | | | | |
| | Mag. 4.9(CGS). | | | | | | | |
| 17. | ePZ | 19 45 (19) | | S.H. | | | | |
| | D = 1130 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 19 42 52 h: 33 Km. | | | | | | | |
| | 40.0 N., 41.8 E. | | | | | | | |
| | Turkey, Felt at Varto. | | | | | | | |
| 18. | ePZ | 00 02 38 | | S.H. | | | | |
| | e(S)EN | 03 37 | | G. | | | | |
| 18. | iPZ | 06 55 11.0 | D. | S.H. | | | | |
| | eiSNE | 23.0 | | S.H. | | | | |
| 18. | iPZ | | | | | | | |
| | eiSNE | 59.0 | | S.H. | | | | |
| 18. | ePZ | 08 36 (35) | | S.H. | | | | |
| | Local Shock. | | | | | | | |
| 18. | ePZ | 12 03 38 | | S.H. | | | | |
| | D = 2630 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 11 58 29 h: 33 Km. | | | | | | | |
| | 13.0 N., 57.6 E. | | | | | | | |
| | Arabian Sea. | | | | | | | |
| 18. | ePZ | 13 14 14 | | S.H. | | | | |
| | Local Shock. | | | | | | | |
| 18. | e(P)Z | 15 31 58 | | S.H. | | | | |
| | Trace of distant Shock. | | | | | | | |
| 18. | iPZ | 20 45 55.5 | C. | S.H. | | | | |
| | eiPPFZ | 46 11.5 | | S.H. | | | | |
| | eSNE | 47 24 | | S.H. | | | | |
| | D = 920 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 20 43 53.3 h: 16 Km. | | | | | | | |
| | 27.8 N., 54.3 E. | | | | | | | |
| | Southern Iran. | | | | | | | |
| | Mag. 6.2(CGS). | | | | | | | |
| 19. | ePZ | 02 05 29 | | S.H. | | | | |
| | eSE | 07 39 | | G. | | | | |
| | D = 1320 Km. | | | | | | | |
| <u>USCGS:</u> | | | | | | | | |
| | H: 02 03 39 h: 35 Km. | | | | | | | |
| | 38.4 N., 42.7 E. | | | | | | | |
| | Turkey. | | | | | | | |
| | Mag. 4.9(CGS). | | | | | | | |
| 19. | ePE | 18 29 46 | | S.H. | | | | |
| | eSNE | 30 00 | | S.H. | | | | |
| 21. | ePZ | 13 57 10 | | S.H. | | | | |
| | Local Shock. | | | | | | | |
| 21. | ePZ | 20 35 49 | | S.H. | | | | |
| | e(S)N | 37 10 | | S.H. | | | | |
| 22. | ePZ | 01 32 33 | | S.H. | | | | |
| | eiSN | 47.5 | | S.H. | | | | |
| 23. | ePZ | 01 41 10 | | S.H. | | | | |
| | eipPZ | 21.5 | | S.H. | | | | |
| | eSN | 50 29 | | G. | | | | |
| | D = 8010 Km. | | | | | | | |

<u>USCGS:</u>				27.	ePZ	19 34 13	S.H.
H: 01 29 47.2 h: 34 Km.					e(S)NE	35 48	G.
44.7 N., 150.3 E.				28.	ePZ	13 43 08	S.H.
Kurile Islands.					eiSN	16.0	S.H.
Mag. 5.2(CGS).				28.	ePZ	13 43 08	S.H.
23.	ePZ	13 02 02	S.H.		eiSN	16.0	S.H.
23.	ePZ	20 45 32	S.H.	28.	ePZ	14 08 12	S.H.
	eSNE	49 18	G.		ei(pP)Z	20	S.H.
D = 2350 Km.					eiPPZ	09 57	S.H.
<u>USCGS:</u>					ei(pPP)Z	10 05	S.H.
H: 20 40 59 h: 178 Km.					eiPPPZ	16	S.H.
34.2 N., 27.2 E.					eSNE	14 34	G.
Eastern Mediterranean Sea.				D = 4660 Km.			
24.	eiPZ	10 02 53.5	S.H.	<u>USCGS:</u>			
	eSN	04 34	G.	H: 14 00 22.9 h: 33 Km.			
D = 970 Km.				27.4 N., 100.1 E.			
<u>USCGS:</u>				Yunnan Province, China.			
H: 10 00 46.4 h: 33 Km.				Mag. 6.2(CGS).			
27.4 N., 54.5 E.				29.	eP'Z	03 03 16	S.H.
Southern Iran.					ePPZ	06 01	S.H.
Mag. 5.4(CGS).				D = 15330 Km.			
25.	ePZ	22 41 19	S.H.	<u>USCGS:</u>			
	eSE	43	S.H.	H: 02 44 19.0 h: 246 Km.			
25.	ePZ	23 16 17	S.H.	19.9 S., 176.2 W.			
	eSE	38	S.H.	Fiji Islands Region.			
26.	ePZ	00 00 06	S.H.	Mag. 5.5(CGS).			
D = 7750 Km.				29.	ePZ	13 34 55	S.H.
<u>USCGS:</u> 25 Sept.					eiSNE	35 05.0	S.H.
H: 23 49 00.6 h: 76 Km.				29.	ePZ	17 46 35	S.H.
35.4 N., 140.5 E.				D = 910 Km.			
Near East Coast of Honshu,				<u>USCGS:</u>			
Japan.				H: 17 44 34 h: 25 Km.			
Mag. 4.7(CGS).				27.9 N., 54.3 E.			
26.	ePZ	05 17 58	S.H.	Southern Iran.			
D = 4000 Km.				Mag. 4.9(CGS).			
<u>USCGS:</u>				29.	iPZ	18 30 05.5	C. S.H.
H: 05 10 58.1 h: 33 Km.					eiSNE	49.0	S.H.
27.5 N., 92.6 E.				29.	ePZ	22 09 (58)	S.H.
India - China Border Region.					e(S)NE	11 31	G.
Mag. 5.6(CGS).				30.	ePZ	06 02 29	S.H.
26.	ePZ	11 43 25	S.H.	D = 1240 Km.			
	eiSN	34.5	S.H.				

B.C.I.S.

H: 05 59 48
38.9 N., 64.5 E.
Ouzbékíe (URSS).
Mag. 5.8(Uppsala).

30.	ePZ	21 28 38	S.H.
	eSN	29 06	S.H.

SEISMOLOGICAL BULLETIN OF
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TEHRAN UNIVERSITY, IRAN

Lat. $35^{\circ} 44' 16''$ N. $a = + 0.50773$
 Long. $51^{\circ} 23' 08''$ E. $b = + 0.63570$
 Height.... 1360 M. $c = + 0.358146$

OCTOBER 1966

<p>1. ePZ 07 42 20 S.H. eSE 45 15 G. D = 1840 Km.</p> <p><u>USCGS:</u> H: 07 38 29.0 h: 25 Km. 34.8 N., 71.0 E. West Pakistan. Mag. 5.3(CGS).</p> <p>2. ePZ 07 36 05 S.H. e(PP)Z 39 13 G. e(S)NE 46 31.0 G. DiScSNEO Km. 46.0 G.</p> <p><u>USCGS:</u> D = 9350 Km. H: 07 23 35.3 h: 34 Km. 51.6 N., 174.5 W. Andreanof Islands, Aleutian Island. Mag. 5.1(CGS).</p> <p>2. eiPZ 11 26 23.0 C. S.H. eiSN 30 11.0 G. ePcPZ 31 S.H. D = 2390 Km.</p> <p><u>USCGS:</u> H: 11 21 44.9 h: 140 Km. 45.7 N., 26.5 E. RUMANIA. Mag. 5.3(CGS).</p> <p>3. iPZ 17 05 35.0 C. S.H., G. SN 51 51.0 S.H. D = 160 Km.</p> <p><u>USCGS:</u> H: 17 05 10.4 h: 35 Km. 35.7 N., 53.2 E. IRAN. Mag. 4.9(CGS).</p> <p>4. ePZ 02 29 00 S.H. eSN 39 S.H.</p> <p>4. ePZ 11 45 26 S.H. Trace.</p>	<p>4. ePZ 21 50 44 S.H. e(S)N 52 15 S.H.</p> <p>5. ePZ 08 11 54 S.H. eSN 12 19 S.H.</p> <p>5. eiPZ 08 42 22.0 D. S.H. ePPZ 44 01 G. eSE 48 (33) G. D = 4550 Km.</p> <p><u>USCGS:</u> H: 08 34 40.6 h: 33 Km. 0.1 N., 30.0 E. Republic of The Congo. Mag. 5.4(CGS).</p> <p>5. ePZ 13 14 46 S.H. iSN 52.0 S.H.</p> <p>5. ePZ 13 58 19 S.H. iSN 30.0 S.H.</p> <p>6. ePZ 07 50 02 S.H. eSN 51 08 S.H.</p> <p>6. ePZ 14 00 02 S.H. D = 8120 Km.</p> <p><u>USCGS:</u> H: 13 48 33.2 h: 33 Km. 51.3 N., 159.6 E. Off East Coast of Kamchatka. Mag. 4.6(CGS).</p> <p>6. ePZ 18 03 02 S.H. iSN 25.0 S.H.</p> <p>7. ePZ 02 34 24 S.H. iSN 49.0 S.H.</p> <p>7. ePZ 03 56 25 S.H. iSN 39.0 S.H.</p>
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7.	ePZ	09 13 50		S.H.	11.	ePZ	17 37 21		S.H.
	eSN	58		S.H.		eSN	38 41		S.H.
7.	eiP'Z	16 13 53.5	C.	S.H.	11.	ePZ	20 13 16		S.H.
	ePPZ	15 47		G.		Trace of distant Shock.			
	esPPZ	16 50		G.	12.	ePZ	00 18 55		S.H.
	esKPZ	17 17		G.		eiSNE	29 00.0		G.
	eiSKSE	20 46.0		G.		eiScSE	29 15.0		G.
	eiSKKSE	22 29.0		G.		D = 9100 Km.			
	D = 13970 Km.				<u>USCGS:</u>	H: 00 06 37.8 h: 33 Km.			
<u>USCGS:</u>	H: 15 55 10.8 h: 161 Kmi					11.9 S., 121.8 E.			
	21.6 S., 170.5 E.					South of Timor.			
	Loyalty Islands Region.					Mag. 5.7(CGS).			
	Mag. 6.4(CGS).				12.	ePZ	05 25 56		S.H.
7.	ePZ	19 36 19		S.H.		eSN	26 51		S.H.
	Trace of Near Shock.				13.	ePZ	12 47 59		S.H.
7.	ePZ	21 08 10		S.H.		D = 2710 Km.			
	D = 9060 Km.				<u>USCGS:</u>	H: 12 42 42.0 h: 33 Km.			
<u>USCGS:</u>	H: 20 55 56 h: 56 Km.					31.1 N., 80.1 E.			
	61.6 N., 150.1 W.					Tibet.			
	Southern Alaska					Mag. 5.3(CGS).			
	Felt at Anchorage, valdezand Kenai.				14.	ePZ	01 10 35		S.H.,G.
	Mag. 5.7(CGS).					ePPZ	11 24		G.
8.	eP'Z	00 31 (35)		S.H.,G.		ePPPZ	40		G.
	ePPZ	34 00		G.		eSNE	15 (21)		G.
	eSKPZ	35 08		G.		D = 3120 Km.			
	D = 15000 Km.				<u>USCGS:</u>	H: 01 04 43.3 h: 24 Km.			
<u>USCGS:</u>	H: 00 12 18.1 h: 33 Km.					36.4 N., 87.5 E.			
	16.4 S., 177.6 W.					Southern Sinkiang prov., China.			
	Fiji Islands Region.					Mag. 5.2(CGS).			
	Mag. 6.6-6.9(BRK).				14.	ePZ	22 28 14		S.H.
	5.7(CGS).					Trace of distant Shock.			
8.	ePZ	17 56 16		S.H.	15.	eiPZ	06 59 19.0	C.	S.H.,G.
	eipPZ	27.0		S.H.		eiSEN	07 03 24.0		G.
	D = 9150 Km.					D = 2510 Km.			
<u>USCGS:</u>	H: 17 43 56.1 h: 35 Km.				<u>USCGS:</u>	H: 06 54 20 h: 33 Km.			
	51.6 N., 173.8 W.					13.0 N., 50.5 E.			
	Andreanof Islands, Aleutian Is.					Eastern Gulf of Aden.			
	Mag. 5.5(CGS).					Mag. 4.7(CGS).			
9.	eiPZ	06 54 49.0	D.	G.	15.	ePZ	08 08 28		S.H.
	ePPZ	55 58		G.		Trace.			
	eiSN	59 51.0		G.	15.	ePZ	09 23 00		S.H.
	D = 3300 Km.					Trace.			
<u>USCGS:</u>	H: 06 48 40.3 h: 11 Km.								
	12.6 N., 30.8 E.								
	Sudan.								
	Mag. 5.1(CGS).								

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|---------------|---|------------|---------|---------------|----------------------------|------------|---------|
| 16. | ePZ | 09 30 18 | S.H. | 22. | ePZ | 03 10 48 | S.H. |
| | eSEN | 33 11 | G. | | | | |
| | e(SS)EN | 33 27 | G. | | | | |
| | D = 1750 Km. | | | 22. | ePZ | 12 42 19 | S.H. |
| <u>USCGS:</u> | | | | | Trace of local shock. | | |
| | H: 09 26 36.5 h: 33 Km. | | | 22. | ePZ | 12 58 46 | S.H. |
| | 30.0 N., 68.6 E. | | | | Trace of local shock. | | |
| | West Pakistan. | | | 22. | ePZ | 13 14 40 | S.H. |
| | Mag. 4.9(CGS). | | | | Local shock. | | |
| 16. | ePZ | 22 45 08 | S.H. | 23. | ePZ | 07 20 48 | S.H. |
| | eSN | 14 | S.H. | | Trace. | | |
| 17. | ePZ | 21 57 49 | G. | 23. | ePZ | 23 13 35 | S.H. |
| | eP'Z | 22 01 02 | S.H.,G. | | Trace of local shock. | | |
| | eiPPZ | 02 59.5 | G. | 24. | ePZ | 00 15 25 | S.H.,G. |
| | D = 14380 Km. | | | | eSN | 16 31 | S.H. |
| <u>USCGS:</u> | | | | 24. | eP ₁ Z | 14 32 56 | S.H. |
| | H: 21 41 56.3 h: 38 Km. | | | | iP ₂ Z | 33 32.0 | S.H. |
| | 10.7 S., 78.7 W. | | | | eS ₁ N | 34 10 | S.H.,G. |
| | Near Coast of Peru About 125, | | | | D = 710 Km. | | |
| | Killed, over 3000 Injured, and Major | | | <u>USCGS:</u> | | | |
| | Property Damage. | | | | H: 14 31 21 h: 33 Km. | | |
| | Tsunami of 11.3 Feet at La Punta, | | | | 37.7 N., 59.0 E. | | |
| | Peru and 1.6 Feet at Valparaiso, | | | | Iran - USSR Border Region, | | |
| | Chile. | | | | Felt At Mashad, Iran. | | |
| | Mag. 7 $\frac{1}{2}$ (PAS), 7.5(BRK). | | | | Mag. 5.0(CGS). | | |
| 19. | eiPZ | 08 12 59.5 | C. G. | 25. | eiPZ | 10 10 44.0 | S.H. |
| | isPZ | 13.5 | G. | | eSNE | 13 43 | G. |
| | eiPPZ | 15 40.5 | G. | | D = 1760 Km. | | |
| | eisPPZ | 55.5 | G. | <u>USCGS:</u> | | | |
| | iPPZ | 17 25.5 | G. | | H: 10 06 58.1 h: 6 Km. | | |
| | i(S)EN | 22 37.5 | G. | | 29.9 N., 68.9 E. | | |
| | D = 8070 Km. | | | | West Pakistan. | | |
| <u>USCGS:</u> | | | | | Mag. 5.3(CGS). | | |
| | H: 08 01 33.8 h: 33 Km. | | | 27. | iPZ | 06 05 19.6 | C. G. |
| | 1.6 S., 15.5 W. | | | | iPPZ | 06 40.0 | G. |
| | North of Ascension Island. | | | | eSEN | 11 14.5 | G. |
| | Mag. 6 $\frac{3}{4}$ (PAS), 6 $\frac{3}{4}$ (CGS) Surface | | | | eSSNE | 13 46 | G. |
| | Wave.). | | | | D = 4220 Km. | | |
| 20. | eiPZ | 00 58 40.5 | S.H.,G. | <u>USCGS:</u> | | | |
| | eSNE | 02 45 | G. | | H: 05 57 58.0 h: 0 Km. | | |
| | D = 2470 Km. | | | | 73.4 N., 54.8 E. | | |
| <u>USCGS:</u> | | | | | Novaya Zemlya. | | |
| | H: 00 53 38.7 h: 27 Km. | | | | Mag. 6.3(CGS). | | |
| | 33.6 N., 78.5 E. | | | | | | |
| | Kashmir - Tibet Border Region. | | | | | | |
| | Mag. 5.0(CGS). | | | | | | |

27.	ePZ	11 25 17		S.H.	29.	iPZ	02 44 45.6	C.	S.H.,G.
	eiSN	26 03.0		S.H.		eSN	49 (12)		G.
27.	iPZ	14 33 19.6	C.	S.H.,G.		eiSSN	49.5		G.
	ePPZ	36 25		G.		eiScSN	55 47.5		G.
	eiSE	43 17.5		G.		D = 2700 Km.			
	eiSKSE	25.5		G.	<u>USCGS:</u>				
	D = 9060 Km.					H: 02 39 29.4	h: 20 Km.		
<u>USCGS:</u>						39.2 N., 21.2 E.			
	H: 14 21 04.8	h: 29 Km.				Greece.			
	22.2 N., 145.9 E.					Mag. 5.7(CGS).			
	North Pacific Ocean.				29.	ePZ	09 03 05		G.
	Mag. 6-6 $\frac{1}{4}$ (PAS), 5.8-6 $\frac{1}{2}$ (BRK).					e(S)NE	05 51		G.
	6.0(CGS).				30.	ePZ	17 41 46		G.
						eSEN	43 18		G.
						D = 880 Km.			
					<u>USCGS:</u>				
						H: 17 39 48	h: 33 Km.		
						42.6 N., 45.9 E.			
						Eastern Caucasus.			
						Mag. 4.5(CGS).			

6. ePZ 08 34 26 S.H.
Local Shock.
7. ePZ 04 28 50 S.H.
Local shock.
8. ePZ 02 44 54 S.H.
eSNE 45 18 G.
8. iPZ 03 14 21.5 D. S.H.,G.
eiSN 30.0 S.H.
D = 60 Km.
- USCGS:
H: 03 14 10.1 h: 23 Km.
36.1 N., 50.9 E.
Iran.
8. ePZ 03 37 30 S.H.,G.
e(S)Z 38 29 S.H.
9. ePZ 11 36 41 S.H.
eSE 45 15 G.
D = 6840 Km.
- USCGS:
H: 11 26 24.7 h: 39 Km.
26.9 N., 125.5 E.
Northeast of Taiwan.
Mag. 5.4(CGS).
9. ePZ 13 40 55 S.H.
Local shock.
9. ePZ 15 17 46 S.H.
Trace of local shock.
10. ePZ 02 16 37 S.H.,G.
eSNE 17 33 G.
100. eP'Z 03 21 32 S.H.
eSKP₁Z 03 24 46 S.H.
eSKP₂Z 52 S.H.
D = 14650 Km.
- USCGS:
H: 03 02 32.5 h: 113 Km.
31.9 S., 68.4 W.
San Juan Province Argentina,
Mag. 6.0(CGS).
11. iPZ 15 43 49.0 C. S.H.,G.
epPZ 44 01 S.H.
esPZ 06 S.H.
eSKSN 54 16 G.
D = 9720 Km.
- USCGS:
H: 15 31 04.2 h: 38 Km.
52.3 N., 169.1 W.
Fox Islands, Aleutian, Islands.
Mag. 5.4(CGS).
11. iPZ 16 14 50.5 C. S.H.
D = 9270 Km.
- USCGS:
H: 16 03 38 h: 145. Km.
50.3 N., 155.5 E.
Kurile Islands.
Mag. 4.9(CGS).
11. ePZ 21 08 14 S.H.
eSN 09 16 S.H.
12. iPZ 13 00 51.0 C. S.H.
ePPZ 03 25 S.H.,G.
eSNE 09 57 G.
eScSNE 10 50 G.
D = 7720 Km.
- USCGS:
H: 12 49 43.6 h: 33 Km.
41.8 N., 144.1 E.
Hokkaido, Japan Region.
Mag. 5.8(CGS).
12. eiPZ 16 08 49.0 D. S.H.
D = 9660 Km.
- USCGS:
H: 15 56 04.7 h: 33 Km.
4.8 S., 134.2 E.
West new Guinea Region.
Mag. 5.4(CGS).
12. eP'Z 19 03 47 S.H.,G.
ePPZ 05 17 S.H.,G.
eSKSE 10 42 G.
D = 13310 Km.
- USCGS:
H: 18 45 01.0 h: 40 Km.
15.6 S., 167.3 E.
New Hebrides Islands.
Mag. 6.4-6.6(BRK),5.2(CGS).

12. ePZ 23 57 35 S.H.
Local Shock.
13. eiPZ 01 27 07.0 C. S.H.
eiSN 30.0 S.H.
15. ePZ 13 50 50 S.H.
Local shock.
15. iPZ 16 31 34.6 C. S.H.
D = 9350 Km.
- USCGS:
H: 16 19 07.4 h: 48 Km.
51.2 N., 176.6 W.
Andreanof Islands.
Aleutain Is.
Mag. 5.0(CGS).
15. ePZ 21 35 40 S.H.
Local Shock.
16. eiPZ 20 55 27.0 C. S.H.
D = 8080 Km.
- USCGS:
H: 20 44 01.3 h: 33 Km.
46.6 N., 153.7 E.
Kurile Islands.
Mag. 4.8(CGS).
16. iPZ 23 28 43.5 C. S.H.
D = 9460 Km.
- USCGS:
H: 23 16 09.1 h: 33 Km.
52.6 N., 169.5 W.
Fox Islands, Aleutian.
Islands.
Mag. 4.9(CGS).
17. ePZ 14 06 25 S.H.
D = 9310 Km.
- USCGS:
H: 13 54 00 h: 56 Km.
51.3 N., 176.5 W.
Andreanof Islands.
Aleutian Islands.
Mag. 4.5(CGS).
17. eiPZ 14 55 37.0 S.H.
D = 9220 Km.
- USCGS:
H: 14 43 10.2 h: 45 Km.
51.1 N., 176.5 W.
Andreanof Islands, Aleutian
Islands.
Mag. 4.7(CGS).
17. ePZ 19 38 32 S.H.
D = 8010 Km.
- USCGS:
H: 19 27 05 h: 33 Km.
46.2 N., 153.6 E.
Kurile Islands.
Mag. 4.4(CGS).
18. eP'Z 09 32 05 S.H.
D = 17700 Km.
- USCGS:
H: 09 12 09.9 h: 33 Km.
36.3 S., 100.7 W.
Southern Pacific Ocean.
Mag. 5.1(CGS).
18. ePZ 18 56 52 S.H.
ePcPZ 58 36 G.
eSN 19 03 23 G.
D = 4910 Km.
- USCGS:
H: 18 48 43.9 h: 33 Km.
73.4 N., 6.8 E.
Greenland Sea.
Mag. 4.9(CGS).
19. ePZ 07 17 43 S.H., G.
eSNE 21 53 G.
D = 2560 Km.
- USCGS:
H: 07 12 39.7 h: 33 Km.
35.0 N., 23.5 E. Crete.
Mag. 5.3(CGS).
20. iPZ 09 42 23.7 C. S.H.
D = 9310 Km.
- USCGS:
H; 09 29 59.1 h: 54 Km.

51.4 N., 176.6 W.
Andreanof Islands, Aleutian,
Islands.
Mag. 5.1(CGS).

21. dPZ 12 30 49.2 C. S.H.
D = 7980 Km.

USCGS:

H: 12 19 27.3 h: 40 Km.
46.7 N., 152.5 E.
Kurile Islands.
Mag. 5.6(CGS).

22. iPZ 06 40 08.0 C. S.H.,G.
eipPZ 41 42.0 S.H.,G.
ePPZ 42 37 G.
eiSNE 48 30.5 G.
ePKPPKPZ07 08 (17) G.
D = 7540 Km.

USCGS:

H: 06 29 53.5 h: 453 Km.
48.2 N., 146.7 E.
Sea of okhotsk.
Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAS), 6.2(BRK),
5.6(CGS).

22. ePZ 09 04 15 S.H.
D = 8720 Km.

USCGS:

H: 08 52 18.2 h: 55 Km.
52.1 N., 172.7 E.
Near Islands Aleutian Islands.
Mag. 4.9(CGS).

23. eP'Z 02 37 57 S.H.
D = 13320 Km.

USCGS:

H: 02 19 13.9 h: 48 Km.
14.9 S., 166.9 E.
New Hebrides Islands.
Mag. $5\frac{3}{4}$ -6(PAS), 5.5-5.9(BRK)
5.6(CGS).

24. eP'Z 17 05 37 S.H.,G.
D = 17330 Km.

USCGS:

H: 16 45 47 h: 33 Km.
38.3 S., 92.1 W.
West Chile Rise.
Mag. 4.7(CGS).

26. ePZ 13 34 03 S.H.
Local shock.

26. eP₁Z 13 51 04 S.H.,G.
eiP₂Z 29.0 G:
eS₁N 52 19 S.H.
eiS₂N 50.0 G.
D = 680 Km.

USCGS:

H: 13 49 30 h: 29 Km.
37.7 N., 58.6 E.
Iran USSR Border, Region.
Mag. 4.9(CGS).

27. eiPZ 02 01 05.0 D.S.H.
eiSN 22.5 S.H.

27. ePZ 16 05 30 S.H.
Trace of local shock.

27. ePZ 17 50 31 S.H.
Local shock.

27. ePZ 20 21 31 S.H.,G.
eSNE 28 21 G.
D = 5210 Km.

USCGS:

H: 20 13 01.5 h: 33 Km.
78.5 N., 6.4 E.
Svalbard Region.
Mag. 5.6(CGS).

28. iPZ 20 32 28.5 C.S.H.
eiSZ 48.5 S.H.

29. eiPZ 09 31 18.5 C.S.H.
D = 6500 Km.

USCGS:

H: 09 21 22.8 h: 33 Km.
9.8 S., 90.6 E.
South Indian ocean.

29. eP'Z 23 14 35 S.H.
D = 16890 Km.

USCGS:

H: 22 54 50 h: 33 Km.
9.1 S 109.8 W.
Northern Easter IS Cordillera.
Mag. 4.7(CGS).

30. ePZ 13 10 34 S.H.
Trace.

SEISMOLOGICAL BULLETIN OF
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Lat. $35^{\circ}44'16''$ N. a = + 0.50773
 Long. $51^{\circ}23'08''$ E. b = + 0.63570
 Height1360 M. c = + 0.58146

DECEMBER 1966

- | | |
|--|---|
| <p>1. ePZ 00 44 18 S.H.
 D = 8660 Km.</p> <p><u>USCGS:</u>
 H: 00 32 32 h: 123 Km.
 0.1 N., 125.6 E.
 Molucca passage.
 Mag. 5.3(CGS).</p> | <p><u>USCGS:</u>
 H: 09 31 17.6 h: 92 Km.
 3.2 N., 128.1 E.
 North of Halmahera.
 Mag. 5.8(CGS).</p> |
| <p>1. eP'Z 05 15 34.0 D. S.H.
 eSKSE 22 20 G.
 eSPZE 26 34 G.
 D = 13310 Km.</p> <p><u>USCGS:</u>
 H: 04 56 58.2 h: 132 Km.
 14.0 S., 167.1 E.
 New Hebrides Island felt.
 Mag. 6 3/4(PAS), 6.4-6.6(BRK),
 6.1(CGS).</p> | <p>3. eP'Z 14 31 50 S.H.
 eiPPZ 34 33.5 S.H.
 D = 15000 Km.</p> <p><u>USCGS:</u>
 H: 14 13 25.2 h: 492 Km.
 24.7 S., 179.9 E.
 South of fiji Islands.
 Mag. 5.1(CGS).</p> |
| <p>1. eiPZ 19 06 56.5 S.H.,G.
 distant shock.</p> <p>2. eP₁Z 03 09 46 S.H.
 eP₂Z 10 24 S.H.
 eiS₁N 11 06.5 S.H.
 eiS₂N 46.5 S.H.
 D = 840 Km.</p> <p><u>USCGS:</u>
 H: 03 07 54.0 h: 40 Km.
 28.2 N., 53.2 E.
 Southern Iran.
 Mag. 5.2(CGS).</p> | <p>4. ePZ 01 12 05 S.H.
 Local shock.</p> <p>4. ePZ 11 41 44 S.H.
 Local shock.</p> <p>4. ePZ 21 38 37 S.H.
 eSN 39 15 S.H.</p> <p>6. ePZ 02 34 37 S.H.
 e(S)NE 39 24 G.</p> <p>6. eP'Z 05 44 42 S.H.,G.
 D = 16170 Km.</p> <p><u>USCGS:</u>
 H: 05 25 07.2 h: 33 Km.
 41.9 S., 83.7 W.
 West Chile Rise.
 Mag. 5.3(CGS).</p> |
| <p>2. eiP₁Z 06 46 13.5 D. S.H.
 eiP₂Z 28.5 S.H.
 e(S)N 47 10 S.H.</p> <p>2. ePZ 09 43 05 S.H.
 D = 8620 Km.</p> | <p>6. ePZ 07 30 08 S.H.
 D = 8070 Km.</p> <p><u>USCGS:</u>
 H: 07 18 40 h: 27 Km.
 50.1 N., 159.8 E.</p> |

- Kurile Island Region.
Mag. 5.4(CGS).
6. ePZ 21 24 30 S.H.
Minor trace.
7. ePZ 17 29 09 S.H.
eipPZ 17.0 S.H.
ePPZ 31 39 S.H.,G
D = 8060 Km.
- USCGS:
H: 17 17 42.0 h: 26 Km.
44.3 N., 151.7 E.
Kurile Islands Region.
Mag. 5.8(CGS).
8. ePZ 02 11 04 S.H.
eSN 14 15 G.
D=21880 Km
- USCGS:
H: 02 07 07.4 h: 37 Km.
29.3 N., 69.9 E.
West Pakistan.
Mag. 5.1(CGS).
8. eipPZ 11 36 50.5 C. S.H.
eSE 41 40 G.
D = 2880 Km.
- USCGS:
H: 11 31 18.0 h: 24 Km.
42.2 N 18.9 E.
Yugoslavia.
Mag. 5.0(CGS)
8. ePZ 15 14 22 S.H.
9. ePZ 04 29 30 S.H.
9. eipPZ 16 56 06.5 C. S.H.
eiPPZ 59 08.5 S.H.
D = 8800 Km.
- USCGS:
H: 16 43 57.7 h: 21 Km.
51.7 N., 174.6 E.
Near Islands Aleutian Islands.
Mag. 5.2(CGS)
10. ipZ 17 12 07.0 D. S.H.
eSNE 15 02 G.
D = 1690 Km.
- USCGS:
H: 17 08 32.2 h: 13 Km.
41.0 N., 33.5 E.
Turkey, felt in north,
central Turkey.
Mag. 4.9(CGS).
10. ePZ 23 43 11 S.H.
eSN 28 S.H.
11. ePZ 20 04 46 S.H.G.
eSKSNE 15 12 G.
D= 9550 Km.
- USCGS:
H: 19 52 09.4 h: 59 Km.
13.4 N., 145.8 E.
Mariana Islands
Mag. 5.4(CGS).
12. eipPZ 01 06 21.5 C. S.H.
eSN 45 S.H.
12. ePZ 08 28 17 S.H.
eSN 28 S.H.
13. ePZ 12 24 48 G.
eSEN 27 55 G.
D = 1850 Km.
- USCGS:
H: 12 21 02.3 h: 126 Km.
37.3 N., 71.9 E
Afghanistan - USSR Border
region.
Mag. 5.3(CGS)
14. ePZ 02 29 49 S.H.
Trace.
14. ePZ 21 21 10 G.
ePPZ 25 00 G.
ei(ScS)NE 32 06.5 G.
ei(sScS)NE 46.5 G.
D = 10630 Km.
- USCGS:
H: 21 07 52.1 h: 74 Km.
4.8 S., 143.9 E.

- New Guinea.
Mag. $6\frac{1}{4}$ - $6\frac{1}{2}$ (PAS), 6.3-6.7(BRK),
6.0(CGS).
15. ePZ 02 15 30 G.
ePPZ 17 08 G.
ePPPZ 43 G.
eSNE 21 32 G.
D = 4400 Km.
- USCGS:
H: 02 08 03.0 h: 81 Km.
21.7 N., 94.5 E.
Burma.
Mag. 5.7(CGS).
16. eiPZ 20 57 46.5 C. S.H.
eiSN 21 02 18.0 G.
D = 2850 Km.
- USCGS:
H: 20 52 13.5 h: 9 Km.
29.6 N., 81.0 E.
Nepal.
Mag. 5.9(CGS).
18. iPZ 05 03 20.8 C. S.H.
D = 2720 Km.
- USCGS:
H: 04 57 57.8 h: 0 Km.
49.9 N., 77.7 E.
Eastern Kazakh SSR.
Mag. 5.4-5.6(BRK), 5.9(CGS).
18. ePZ 07 46 51 S.H.
eSNE 50 35 G.
D = 2200 Km.
- USCGS:
H: 07 42 18.8 h: 33 Km.
35.1 N., 27.1 E.
Dodecanese Islands.
Mag. 4.7(CGS).
20. eP'Z 12 44 47 S.H., G.
ePPZ 46 23 G.
epP'Z 39 G.
eipPPZ 48 39.0 G.
ePPPZ 49 20 G.
eisPPZ 38.0 G.
eSKSE 50 57 G.
D = 13700 Km.
- USCGS:
H: 12 26 55.0 h: 589 Km.
26.1 S., 63.2 W.
Santiago Del Estero Prov. Arg.
Mag. 6(PAS), 5.7(CGS).
20. e(P)Z 15 32 29 S.H.
Trace.
20. eiPZ 16 31 39.5 C. S.H.
eiSNE 41 13.5 G.
D = 9050 Km.
- USCGS:
H: 16 20 05.8 h: 441 Km.
7.2 S., 126.1 E.
Banda Sea.
Mag. 5.4(CGS).
20. ePZ 18 50 24 S.H.
eSE 59 01 G.
D = 7320 Km.
- USCGS:
H: 18 39 40.3 h: 37 Km.
14.3 N., 122.1 E.
Luzon, Philippine Islands,
felt Widley.
Mag. 5.4(CGS).
21. eP'Z 09 10 32 S.H.
eSP'Z 11 55 G.
ePPZ 12 16 G.
epPPZ 13 17 G.
esPPZ 41 G.
eiSKSE 17 13 G.
D = 13870 Km.
- USCGS:
H: 08 52 00.2 h: 245 Km.
20.0 S., 169.7 E.
New Hebrides Islands.
Mag. 5.6(CGS).
21. ePZ 22 16 29
D = 2850 Km.
- USCGS:
H: 22 10 58.8 h: 31 Km.
29.4 N., 81.0 E.
Nepal - India Border Region.
Mag. 5.4(CGS).

22. ePZ 12 32 55 S.H.
Distant Shock.
23. iPZ 16 04 01.2 C. S.H.
ePPZ 08 04 G.
eiSKSN 14 26.0 G.

eiSKKSE 15 11.5 G.
eiScS or SE 32.0 G.
D = 11000Km.
- USCGS:
H: 15 50 20.4 h: 43 Km.
7.1 S., 148.3 E.
East new Guinea region felt.
Mag. 6 3/4(PAS), 7.1-7.3(BRK),
6.4(CGS).
23. ePZ 20Z29 30 S.H.
24. iPZ 05 39 20.5 S.H.
eiSN 33.5 S.H.
24. eiPZ 21 04 04.0 S.H.
e(S)E 05 35 G.
24. ePZ 22 41 12 S.H.
D = 9200 Km.
- USCGS:
H: 22 28 59.6 h: 113 Km.
59.9 N., 153.4 W.
Southern Alaska.
Mag. 5.1 (CGS).
25. ePZ 05 46 47 S.H.
D = 2400 Km.
- USCGS:
H: 05 41 58 h: 33 Km.
14.2 N., 53.8 E.
Arabian Sea.
Mag. 5.0(CGS).
25. eiPZ 05 47 33.5 S.H.
eiSE 51 34.5 G.
D = 2400 Km.
- USCGS:
H: 05 42 45 h: 33 Km.
Arabian Sea.
Mag. 5.2(CGS).
25. ePZ 17 10 39 S.H.
D = 1750 Km.
- USCGS:
H: 17 07 01 h: 91 Km.
37.2 N., 70.1 E.
Afghanistan - USSR
Border Region.
Mag. 4.6(CGS).
25. eiPZ 23 15 34.5 C. S.H.
D = 9020 Km.
- USCGS:
H: 23 03 22.8 h: 47 Km.
51.8 N., 176.1 E.
Rat Islands, Aleutian.
Islands felt on Attu.
Mag. 4.8(CGS).
26. ePZ 01 31 30 S.H.
D = 1680 Km.
- USCGS:
H: 01 28 04.3 h: 180 Km.
35.9 N., 69.9 E.
Hindu Kush region.
Mag. 5.0(CGS).
26. ePZ 04 23 22 S.H.
D = 1080 Km.
- USCGS:
H: 04 21 02 h: 55 Km.
38.7 N., 40.9 E.
Turkey.
Mag. 4.8(CGS).
26. eiPZ 01 33 20.5 C. S.H.
D = 7890 Km.
- USCGS:
H: 01 22 17.3 h: 60 Km.
37.1 N., 141.0 E.
Hanshu, Japan.
Mag. 5.5(CGS).
28. ePZ 08 34 22 S.H.
eiP'Z 37 13.5 S.H.,G.
ePPZ 39 24 G.
ePKSN 40 46 G.
D = 14500 Km.

USCGS:

H:08 18 07.4 h: 47 Km.
 25.5 S., 70.7 W.
 Near Coast of Northern
 Chile three killed at least
 six injured, extensive,
 Property damage in the Taltal
 Area felt in northern and
 central Chile, Southern
 Peru and northern Argentina.
 A seiche was recorded at caldera
 with an Amplitude of 90CM.
 Mag. 7 3/4(PAS), 7.5-7.8(BRK)
 6.9(CGS).

29. ePZ 21 39 01 G.
 D = 1740 Km.

USCGS:

H: 21 35 20 h: 14 Km.
 29.9 N., 68.3 E.
 West Pakistan.
 Mag. 4.6(CGS).

29. eP'Z 22 36 25 G.
 ePPZ 41 17 G.
 D = 18700 Km.

USCGS:

H: 22 16 22.7 h: 33 Km.
 32.8 S., 111.7 W.

Easter Island Cordillera.
 Mag. 6(PAS), 5-5.4(BRK),
 5.4(CGS).

31. ePZ 18 38 (22) G.
 eP'Z 41 45 G.
 D = 12960 Km.

USCGS:

H: 18 23 03.9 h: 33 Km.
 11.8 S., 166.5 E.
 Santa Cruz Islands felt
 strongly at vanikoro
 landslides and 3 foot(4)
 Inch Tsunami inside
 Barrier lagoon.
 Mag. 7.5(PAS), 7.4-7.8
 (BRK), 7.7(CGS), surface
 Wave).

31. eP'Z 22 34 00 S.H.
 D = 13280 Km.

USCGS:

H: 22 15 14 h: 33 Km.
 11.3 S., 164.8 E.
 Santa Cruz Islands
 Region felt at vanikoro
 landslides and 2 1/2-foot
 Tsunami at vanikoro
 Mag. 7 1/4-7 1/2(PAS) 7-7.6(BRK)
 7.3(CGS, surface Wave).