



SEISMOLOGICAL BULLETIN

MAR 1964

GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

PUBLISHED UNDER THE DIRECTION OF
SHRI P. R. KRISHNA RAO
DIRECTOR GENERAL OF OBSERVATORIES

| DATE | STN | PHASE | H. | M. | S. | △ KM | DATE | STN | PHASE | H. | M. | S. | △ KM |
|---------------------|-----|-------|----|-----------------|-----------------|---------|------|--|-------|----|----|-----------------|----------|
| <u>March, 1964.</u> | | | | | | | | | | | | | |
| 03 | NDI | i | 21 | 53 | 22 | | 05 | MDR | eP | 05 | 42 | 18 | 5110 |
| 04 | SHL | iP | 04 | 15 | 05 | C | | | eS | | 49 | 03 | |
| | NDI | iP | 04 | 16 | 33 | CSE | | | Ps | | 49 | 10 | |
| 04 | SHL | eP | 07 | 24 | 02 | | | | PPS | | 49 | 18 | |
| | NDI | iP | 07 | 25 | 42 | CNW | | | LQ | | 53 | 02 | |
| 04 | SHL | iP | 12 | 57 | 16 | C | 05 | SHL | eP | 06 | 11 | 54 | |
| 04 | NDI | iP | 13 | 39 | 56 | R | | CHA | e | 06 | 12 | 03 | |
| 04 | SHL | iP | 15 | 32 | 39 | C | | NDI | eP | 06 | 12 | 22 | |
| | CHA | iP | 15 | 33 | 10 | C | | DDI | e | 06 | 12 | 32 | |
| | DDI | e | 15 | 34 | 12 | | 05 | SHL | iP | 10 | 17 | 32 | C |
| 04 | NDI | eP | 16 | 28 | 45 | C | 05 | NDI | eP | 13 | 09 | 28 ⁷ | R |
| 04 | PBA | ePg | 16 | 51 | 20 | 75 | | i | | | 09 | 29 ⁰ | |
| | iSg | | 51 | 29 | | | 06 | SHL | eP | 02 | 44 | 45 | |
| 04 | NDI | iP | 17 | 39 | 39 | RNW | 06 | SHL | iP | 06 | 31 | 27 | R |
| | CHA | e | 17 | 40 | 50 | | 06 | SHL | iP | 14 | 32 | 02 | C |
| 04 | NDI | iPg | 18 | 00 | 18 ² | RSW 17 | 06 | NDI | P | 15 | 34 | 44 | 1080 |
| | iSg | | 00 | 20 ² | | | | iS | | | 36 | 35 | |
| 04 | PBA | e | 18 | 37 | 32 | | 06 | CHA | eP | 16 | 33 | 31 | |
| 04 | NDI | iP | 18 | 48 | 27 | C | 06 | Epc:- 6.1°S 154.4°E in New Britain region. h about 74 km. -H= 18 h 57 m 16.1s (USCGS). Felt: Rabaul. Mag. 6(Pal), 5.8 S.D. 0.4(CGS). | | | | | |
| 04 | SHL | eP | 19 | 29 | 11 | | | PBA | iP | 19 | 07 | 57 | 6780 |
| | CHA | eP | 19 | 29 | 34 | | | PP | | | 08 | 16 | |
| 04 | NDI | iP | 21 | 40 | 05 | C | | iS | | | 16 | 14 | |
| 04 | NDI | iP | 22 | 36 | 21 | R | | SHL | iP | 19 | 08 | 11 | CSW 7530 |
| 04 | SHL | eP | 22 | 42 | 44 | | | PcP | | | 08 | 34 | |
| 04 | NDI | eP | 22 | 44 | 14 | | | S | | | 17 | 09 | |
| 05 | SHL | eP | 00 | 00 | 00 | | | CHA | iP | 19 | 08 | 37 | C |
| 05 | NDI | eP | 00 | 01 | 48 | C | | MDR | iP | 19 | 08 | 57 | E 8450 |
| 05 | SHL | eP | 00 | 08 | 11 | | | PcP | | | 09 | 11 | |
| 05 | DDI | e | 00 | 09 | 58 | | | e | | | 11 | 12 | |
| | NDI | iP | 00 | 09 | 59 | R | | eS | | | 18 | 40 | |
| | | | | | | | | SKS | | | 19 | 05 | |
| | | | | | | | | PS | | | 19 | 17 | |
| | | | | | | | | PPS | | | 19 | 34 | |
| | | | | | | | | SS | | | 23 | 17 | |
| | | | | | | | | LR | | | 32 | 32 | |



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| <u>March, 1964.</u> | | | | | | | | | | | | | | |
| 06 | NDI | iP | 19 | 09 | 26 | C 8910 | 07 | TOC | eP | 08 | 52 | 18 | | |
| | i | | 09 | 41 | | | 07 | SHL | iP | 08 | 52 | 25 | R | |
| | iS | | 19 | 31 | | | | SHL | eP | 12 | 36 | 41 | | |
| | Scs | | 19 | 56 | | | 07 | CHA | iP | 15 | 26 | 11 | R | |
| | DDI | eP | 19 | 09 | 26 | 8920 | | SHL | eP | 15 | 26 | 47 | | |
| | iS | | 19 | 32 | | | 07 | SHL | eP | 18 | 21 | 50 | 240 | |
| | P00 | iP | 19 | 09 | 33 | C | | Sg | | 22 | 25 | | | |
| | BOM | eP | 19 | 09 | 38 | 9190 | 07 | SHL | iP | 20 | 22 | 54 | CNW 190 | |
| | e | | 19 | 52 | | | | Sg | | 23 | 20 | | | |
| | e | | 20 | 08 | | | 07 | CHA | iP | 20 | 23 | 57 | R 670 | |
| 06 | CHA | iPg | 20 | 33 | 47 | R 15 | | eS | | 25 | 07 | | | |
| | iSg | | 34 | 05 | | | 07 | SHL | iP | 21 | 16 | 54 | C | |
| 06 | SHL | iPg | 20 | 57 | 27 | R 40 | 06 | Epc:- 19.7°S 70.5°W in Northern Chile. h about 50 km. -H=21 h 05 m 50.2 s Mag: 5.3 S.D. 0.2 (CGS). | | | | | | |
| | Sg | | 57 | 32 | | | | NDI | eP | 21 | 18 | 12 | CE | |
| 06 | Epc:- | 19.7°S 70.5°W in Northern Chile. h about 50 km. -H=21 h 05 m 50.2 s Mag: 5.3 S.D. 0.2 (CGS). | | | | | | 07 | NDI | iP | 21 | 35 | 19 | RS |
| | P00 | ePKP | 21 | 25 | 28 | C | 08 | SHL | iPg | 00 | 00 | 02 | 70 | |
| | NDI | iPKP | 21 | 25 | 32 | C | | Sg | | 00 | 10 | | | |
| | i | | 25 | 36 | | | 08 | SHL | iP | 01 | 22 | 28 | R 180 | |
| | DDI | iPKP | 21 | 25 | 34 | C | | Sg | | 22 | 51 | | | |
| | SHL | iPKP | 21 | 25 | 49 | C | 08 | SHL | iP | 03 | 26 | 43 | R 180 | |
| | MDR | ePKP | 21 | 25 | 52 | | | Sg | | 27 | 03 | | | |
| 07 | Epc:- | 3.5°N 97.1°E in Northern Sumatra. h about 82 km. -H= 07 h 25 m 03.9 s. Mag: 5.3 (CGS). | | | | | | 08 | NDI | iP | 07 | 59 | 36 | C |
| | MDR | iP | 07 | 29 | 25 | E 2230 | 08 | NDI | iP | 10 | 46 | 23 | C | |
| | PP | | 29 | 42 | | | 08 | CHA | iPg | 13 | 07 | 48 | 80 | |
| | eS | | 33 | 06 | | | | iSg | | 07 | 57 | | | |
| | LQ | | 33 | 12 | | | 08 | PBA | e | 15 | 14 | 57 | | |
| | M | | 35 | 48 | | | 08 | CHA | iP | 17 | 31 | 16 | C | |
| | SHL | iP | 07 | 29 | 57 | C | 08 | CHA | iP | 18 | 02 | 17 | C | |
| | CHA | iP | 07 | 30 | 21 | R | 08 | Epc:- 36.2°N 71.5°E in Hindu Kush. h about 132 km. -H= 10 h 27 m 33.1 s Mag: 4.8 (CGS). | | | | | | |
| | NDI | eP | 07 | 31 | 17 | RN | | DDI | eP | 10 | 29 | 27 | 890 | |
| 07 | NDI | iP | 08 | 27 | 32 | CE | | eS | | 30 | 57 | | | |
| | i | | 27 | 44 | | | | NDI | iP | 10 | 29 | 37 | CSE 930 | |
| 07 | SHL | iP | 08 | 37 | 24 | C | | i | | 29 | 41 | | | |
| | | | | | | | | iS | | 31 | 30 | | | |



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|----|---|------|----------|----------|----|-------|----------------------------|----------|--------|
| 09 | CHA | iP | 10 30 54 | 1645 | 09 | CHA | eP | 21 43 54 | |
| | | iS | 34 11 | | 09 | CHA | iPg | 22 44 41 | C 90 |
| | SHL | iP | 10 32 03 | RNW 2280 | | | iSg | 44 51 | |
| | | PP | 32 29 | | 10 | NDI | iP | 07 10 08 | CNE |
| | | iS | 35 39 | | 10 | CHA | iP | 08 38 08 | R |
| | P00 | eP | 10 34 25 | | | | i | 43 25 | |
| 09 | SHL | iP | 14 11 57 | C 170 | 10 | SHL | iP | 12 46 01 | C |
| | | Sg | 12 22 | | 10 | Epc:- | 1.9°N 127.5°E in Molucca | | |
| | CHA | eP | 14 12 58 | 710 | | | Passage. n about 117 km. | | |
| | | iS | 14 12 | | | | -H=13 h 59 m 54.8 s(USCGS) | | |
| 09 | Epc:- 37.0°N 72.0°E in Hindu Kush. -H= 19 h 41 m 00 s (C.S.O.Shillong) | | | | | | Mag. 5.6 (CGS). | | |
| | Epc:- 36.5°N 70.9°E in Hindu Kush h about 181 km. -H= 19 h 41 m 01.3 s. | | | | | PBA | iP | 14 06 43 | C |
| | | | | | | | i | 08 16 | |
| | DDI | iPn | 19 43 02 | C 890 | | TOC | iP | 14 07 24 | E |
| | | PP | 43 09 | | | SHL | iP | 14 07 33 | RSE |
| | | PPP | 43 16 | | | | PP | 08 51 | |
| | | P* | 43 21 | | | | PPP | 09 16 | |
| | | Pg | 43 42 | | | | PcP | 09 50 | |
| | | LQ | 44 24 | | | | S | 13 07 | |
| | | iSn | 44 34 | | | | M | 20 19 | |
| | | SS | 44 45 | | | MDR | iP | 14 08 24 | W 5380 |
| | | LR | 44 47 | | | | PP | 10 18 | |
| | | SSS | 44 56 | | | | PPP | 11 08 | |
| | | S* | 45 03 | | | | eS | 15 21 | |
| | | Sg,M | 45 25 | | | | PS | 15 29 | |
| | | | | | | | ScS | 18 05 | |
| | NDI | iP | 19 43 12 | CNW 950 | | | LQ | 19 40 | |
| | | iS | 44 50 | | | NDI | eP | 14 09 13 | CSE |
| | CHA | iP | 19 44 48 | C 1910 | | DDI | iP | 14 09 13 | R 6040 |
| | | iS | 47 49 | | | | eS | 16 43 | |
| | P00 | eP | 19 45 01 | | | P00 | iP | 14 09 16 | R |
| | SHL | iP | 19 45 31 | CSE 2440 | 10 | PBA | i | 14 38 03 | |
| | | pP | 46 07 | | 10 | SHL | iP | 16 19 32 | |
| | | S | 49 13 | | 10 | NDI | eP | 21 55 44 | C |
| | SEH | i | 19 46 43 | | 10 | SHL | iP | 23 18 56 | C |
| | | i | 47 35 | | 11 | NDI | eP | 00 15 06 | CSE |
| | MDR | eS | 19 50 44 | | | CHA | e | 00 16 18 | |
| | | e | 52 11 | | | SHL | iP | 00 16 50 | R |
| | | e | 52 53 | | | | | | |
| | | e | 55 34 | | | | | | |
| 09 | SHL | eP | 21 43 08 | | | | | | |

| | | | | | | | | | |
|----|--|-----|----------|--------|----|--|-----|----------|---------|
| 11 | Epc:- 1.8°N 127.1°E in Molucca Range. h about 58 km. -H= 01 h 06 m 00.4 s(USCGS) Mag: 5.6 (CGS). | | | | 11 | CHA | iP | 23 16 25 | C 310 |
| | | | | | | | iSg | 17 10 | |
| | PBA | eP | 01 13 10 | | 11 | Epc:- 28.3°N 56.5°E in north of Persian gulf. -H=23h 34m 00.07s (New Delhi). | | | |
| | SHL | iP | 01 13 42 | C | | NDI | eP | 23 38 22 | RSW |
| | CHA | eP | 01 14 17 | | | DDI | eP | 23 38 32 | |
| | MDR | iP | 01 14 38 | E 5190 | | | eS | 42 00 | |
| | | PP | 16 28 | | | CHA | e | 23 40 04 | |
| | | PPP | 17 10 | | | SHL | eP | 23 40 33 | |
| | | iS | 21 28 | | 12 | SHL | iP | 04 00 57 | R |
| | | PS | 21 36 | | | CHA | iP | 04 01 36 | C |
| | | PPS | 21 42 | | | DDI | i | 04 02 43 | |
| | | e | 22 18 | | | NDI | eP | 04 02 48 | RW |
| | | ScS | 24 30 | | 12 | NDI | eP | 04 19 59 | CS |
| | | LQ | 25 30 | | 12 | CHA | eP | 04 20 16 | |
| | | LR | 27 46 | | | NDI | P | 04 20 39 | |
| | P00 | eP | 01 15 20 | | | NDI | P | 05 02 20 | |
| | NDI | iP | 01 15 21 | | 12 | SHL | iP | 05 46 35 | R |
| | | i | 15 23 | | | NDI | iP | 05 48 18 | RW |
| | | e | 15 31 | | 12 | SHL | iP | 09 24 42 | C 130 |
| | DDI | eP | 01 15 22 | | | | Sg | 24 57 | |
| | PBA | iS | 01 19 00 | | 12 | CHA | iP | 09 25 42 | R 590 |
| | | i | 25 03 | | | | eS | 26 44 | |
| 11 | NDI | iP | 04 17 15 | RSE | 12 | SHL | iP | 10 25 22 | C |
| | SHL | iP | 04 17 39 | R | 12 | CHA | iP | 10 40 14 | C 220 |
| | SHL | eP | 06 17 55 | | | | iSg | 40 40 | |
| 11 | TOC | iP | 11 00 45 | E | 12 | NDI | P | 11 05 07 | |
| | | eS | 01 07 | | 12 | NDI | P | 19 41 28 | |
| | SHL | iP | 11 00 49 | RN | 12 | SHL | iP | 22 18 21 | CNW 220 |
| | CHA | eP | 11 01 47 | 460 | | | Sg | 18 51 | |
| | | iSg | 02 57 | | | TOC | eP | 22 18 30 | |
| 11 | NDI | eP | 14 45 47 | 180 | | CHA | iP | 22 19 22 | C 740 |
| | CHA | ePg | 19 06 44 | | | | iS | 20 40 | |
| | | iSg | 07 05 | | 11 | SHL | iP | 19 07 29 | R 380 |
| | | i | 07 12 | | | | Sg | 08 25 | |
| 11 | SHL | iP | 19 07 29 | R 380 | 11 | NDI | P | 19 26 36 | |
| | | Sg | 08 25 | | 11 | SHL | iP | 23 15 47 | RSE |
| 11 | NDI | P | 19 26 36 | | | | | | |
| 11 | SHL | iP | 23 15 47 | RSE | 12 | NDI | eP | 22 21 17 | 1020 |
| | | | | | | | iPP | 21 25 | |
| | | | | | | | iS | 23 02 | |

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| 12 | SHL | iP | 22 39 16 | C | 3440 | 13 | DDI | iP | 06 03 32 | R | |
| | | S | 44 21 | | | | NDI | eP | 06 03 41 | CSE | |
| | | i | 46 58 | | | | | | | | |
| | CHA | eP | 22 39 57 | | | 13 | SHL | iP | 06 56 09 | CNE | 130 |
| | | | | | | | Sg | 56 25 | | | |
| | MDR | eP? | 22 40 46 | | 4700? | 13 | NDI | iP | 12 13 25 | R | |
| | | e | 42 00 | | | | DDI | e | 13 16 52 | | |
| | | pP | 42 31 | | | | e | 18 29 | | | |
| | | PPP | 42 58 | | | | NDI | eP | 13 17 06 | | 970 |
| | | eS | 48 41 | | | | iS | 18 40 | | | |
| | | LQ | 50 23 | | | | DDI | eP | 13 37 03 | | |
| | | LR | 52 40 | | | | NDI | iP | 13 37 17 | CSE | 970 |
| | | M | 56 13 | | | | iS | 38 57 | | | |
| | NDI | eP | 22 41 09 | | | 13 | NDI | eP | 17 56 33 | R | |
| | DDI | iP | 22 41 12 | | | 13 | NDI | eP | 19 10 31 | R | |
| | P00 | eP | 22 42 29 | | | 13 | NDI | eP | 21 27 25 | R | |
| | BOM | eP | 22 43 43 | | | 13 | NDI | eP | 19 10 31 | R | |
| | | eS | 48 37 | | | 13 | NDI | eP | 21 27 25 | R | |
| | | e | 49 21 | | | 13 | NDI | eP | 21 27 25 | R | |
| | | e | 52 29 | | | 14 | NDI | eP | 02 46 57 | RS | |
| | | M | 23 02 - | | | 14 | Epc:- | 6.2°S 92.1°E in Andaman Islands region. h about 33 km. -H= 06 h 51 m 58.6 s. Mag: 4.7 (CGS). | | | |
| 12 | SHL | iP | 23 07 13 | R | | | PBA | eP | 06 53 24 | | 610 |
| | NDI | eP | 23 08 30 | R | | | P* | 53 32 | | | |
| | NDI | P | 23 14 14 | | | | PPP | 53 39 | | | |
| | | i | 14 51 | | | | i | 53 44 | | | |
| | SHL | eP | 23 18 04 | | 220 | | iS | 54 18 | | | |
| | | Pg | 18 30 | | | | iS | 54 30 | | | |
| | | Sg | 18 35 | | | | iS | 54 40 | | | |
| | TOC | eP | 23 18 12 | | | | Sg | 54 44 | | | |
| | | e | 18 46 | | | | MDR | eP | 06 55 11 | | 1420 |
| | CHA | iP | 23 19 04 | C | 730 | | PP | 55 20 | | | |
| | | iS | 20 21 | | | | PPP | 55 27 | | | |
| | NDI | eP | 23 21 21 | C | | | e | 55 37 | | | |
| | SHL | iP | 23 38 10 | C | 200 | | LQ | 57 20 | | | |
| | | Sg | 38 37 | | | | eS | 57 36 | | | |
| | CHA | iP | 23 39 12 | C | 690 | | LR | 58 02 | | | |
| | | eS | 40 24 | | | | M | 59 00 | | | |
| 13 | CHA | e | 03 15 46 | | | | SHL | iP | 06 56 22 | CN | 2150 |
| | | | | | | | S | 59 55 | | | |
| 13 | SHL | iP | 06 03 11 | CSW | 8310 | | P00 | eP | 06 56 49 | | |
| | | S | 12 48 | | | | | | | | |
| | CHA | e | 06 03 21 | | | | | | | | |

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| 14 | BOM | iP | 06 57 18 | | | 15 | NDI | iP | 08 04 45 | CS | |
| | | e | 25 | | | | CHA | iP | 08 05 17 | C | |
| | | e | 58 01 | | | | SHL | iP | 08 05 38 | CNW | |
| | | e | 07 00 03 | | | | | | | | |
| | | e | 01 18 | | | | SHL | iP | 09 59 02 | R | |
| | NDI | P | 06 57 36 | | | 15 | SHL | iP | 10 36 32 | | |
| | | i | 57 50 | | | | | | | | |
| | | i | 58 03 | | | | SHL | iP | 15 59 33 | | 310 |
| | | i | 58 07 | | | | Sg | 16 00 18 | | | |
| | | i | 07 02 42 | | | | CHA | iP | 16 00 22 | R | 900 |
| | CHA | eP | 06 57 45 | | | | iS | 01 55 | | | |
| | | e | 07 00 36 | | | | NDI | iPg | 17 41 51 | RN | 30 |
| | DDI | eP | 06 57 59 | | | | iSg | 41 54 | | | |
| | | i | 58 20 | | | | CHA | e | 19 47 57 | | |
| 14 | NDI | e | 11 33 42 | | | 15 | CHA | e | 19 47 57 | | |
| 14 | NDI | P | 12 57 19 | | | 15 | SHL | eP | 21 23 29 | | |
| 14 | SHL | eP | 13 17 16 | | 210 | 15 | SHL | eP | 21 40 43 | | |
| | | Sg | 17 44 | | | | CHA | e | 21 41 24 | | |
| 14 | NDI | eP | 15 08 02 | | | 15 | Epc:- | 36.2°N 7.6°W West of Strait of Gibraltar. Felt: Portugal, Spain, Morocco. Felt shingly by the 'St Raphael' at 36.6°N, 7.9°W. h about 27 km. -H= 22 h 30 m 26.0 s | | | |
| 14 | SHL | iP | 15 17 40 | RNE | | | Epc:- | 39.0°N 7.0°W -H= 22 h 30 m 30 s (C.S.O. Shillong). | | | |
| 14 | CHA | iP | 15 17 59 | R | | | NDI | iP | 22 41 35 | CSW | 7510 |
| 14 | CHA | iP | 15 31 25 | C | | | PcP | 41 57 | | | |
| 14 | SHL | iP | 15 31 33 | R | | | PP | 43 48 | | | |
| 14 | NDI | eP | 16 49 55 | C | | | PPP | 45 46 | | | |
| 14 | DDI | e | 16 50 00 | | | | eS | 50 32 | | | |
| 14 | NDI | iP | 22 28 01 | R | | | i | 50 40 | | | |
| 14 | NDI | eP | 23 08 40 | CS | | | PS | 50 46 | | | |
| | | | 08 41 | | | | PPS | 51 08 | | | |
| 14 | CHA | iP | 23 09 55 | R | | | SS | 54 44 | | | |
| 15 | SHL | iP | 00 57 43 | C | 210 | | LQ | 58 52 | | | |
| | | Pg | 57 47 | | | | DDI | iP | 22 41 36 | CNW | 7590 |
| | | Sg | 58 12 | | | | PcP | 42 06 | | | |
| 15 | SHL | iP | 03 25 55 | C | | | PP | 44 02 | | | |
| | NDI | eP | 03 27 36 | | | | PPP | 45 38 | | | |
| 15 | SHL | iP | 07 52 22 | C | | | iS | 50 37 | | | |
| | CHA | iP | 07 52 58 | R | | | PS | 50 56 | | | |
| 15 | DDI | iP | 08 04 28 | R | | | PPS | 51 11 | | | |
| | | | | | | | SS | 54 56 | | | |
| | | | | | | | SSS | 57 49 | | | |
| | | | | | | | LQ | 58 51 | | | |

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|-----|-----|----------|----------|------|-----|------|--|-----------|--------|
| 15 | BOM | iP | 22 41 47 | 7815 | 15 | SHL | PPP | 22 46 39 | |
| | | PcP | 42 08 | | | | iS | 52 57 | |
| | | e | 44 30 | | | | PPS | 53 51 | |
| | | e | 39 | | | | M | 23 14 13 | |
| | | e | 46 16 | | | PBA | iP | 22 43 34 | C 9420 |
| | | iS | 50 59 | | | | iS | 54 02 | |
| | | e | 51 49 | | 15 | NDI | ePg | 22 50 125 | 20 |
| | | SKS | 51 51 | | | | iSg | 50 145 | |
| | | SS | 55 27 | | 15 | PBA | e | 23 40 04 | |
| | | M | 23 16 13 | | 16 | Epc: | 36.9°N 95.5°E in Tsinghai Province, China. h about 33 km. -H= 01 h 05 m 17.6 s (USCGS). Mag: 5.9 S.D. 0.3 (CGS). | | |
| | | M | 19 19 | | | TOC | Epc:- 37.0°N 9.7°E -H=0 h 05m 05s (CSO Shillong) | | |
| P00 | iP | 22 41 53 | CSE 7959 | | | e | 01 07 47 | | |
| | iS | 51 12 | | | | | 08 12 | | |
| | PS | 51 42 | | | SHL | iP | 01 08 03 | RN | |
| | PPS | 51 57 | | | | iS | 10 23 | | |
| | SS | 55 50 | | | | SS | 10 40 | | |
| | M | 23 05 | | | | M | 11 51 | | |
| SEH | eP | 22 41 55 | | | CHA | eP | 01 08 16 | | |
| | | | | | | i | 11 03 | | |
| HYD | eP | 22 42 15 | 8390 | | DDI | eP | 01 09 00 | 1800 | |
| | PcP | 42 24 | | | | iS | 12 00 | | |
| | PP | 45 03 | | | | i | 14 33 | | |
| | iS | 51 56 | | | | i | 15 03 | | |
| | SS | 56 38 | | | CAL | eP | 01 09 08 | 1870 | |
| | LR | 23 06 03 | | | | eS | 12 15 | | |
| | M | 12 09 | | | | M | 14 05 | | |
| CHA | iP | 22 42 27 | R 8570 | | NDI | iP | 01 09 17 | RNE 2000 | |
| | iS | 52 16 | | | | iS | 12 36 | | |
| KOD | eP | 22 42 39 | 8800 | | SEH | iP | 01 10 01 | 2478 | |
| | iS | 52 39 | | | | iS | 14 03 | | |
| MDR | iP | 22 42 40 | W 8850 | | HYD | eP | 01 10 36 | 2840 | |
| | PcP | 42 49 | | | | iS | 15 02 | | |
| | PP | 45 41 | | | | LR | 16 43 | | |
| | iS | 52 42 | | | | M | 19 00 | | |
| | SKS | 52 57 | | | PBA | iP | 01 10 46 | RSE 2880 | |
| | ScS | 53 06 | | | | eS | 15 14 | | |
| | PS | 53 30 | | | P00 | eP | 01 10 56 | 3120 | |
| | PPS | 53 58 | | | | eS | 15 41 | | |
| | SS | 57 59 | | | | SSS | 17 13 | | |
| | SSS | 23 01 16 | | | | M | 20 21 | | |
| | LQ | 03 54 | | | | ScS | 21 51 | | |
| | LR | 07 35 | | | | | | | |
| | e | 12 55 | | | | | | | |
| | M | 14 15 | | | | | | | |
| CAL | iP | 22 42 44 | 8950 | | | | | | |
| | iS | 52 51 | | | | | | | |
| | SKS | 53 01 | | | | | | | |
| SHL | iP | 22 42 46 | CSE 9040 | | | | | | |
| | PcP | 43 05 | | | | | | | |
| | PP | 45 09 | | | | | | | |

DATE STN PHASE H. M. S. \triangle KM DATE STN PHASE H. M. S. \triangle KM



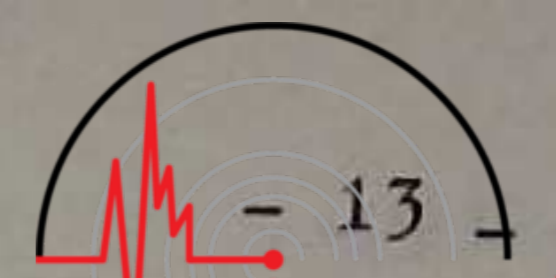
March, 1964.

| | | | | | | | | | |
|-----|-------|---|----------|------|-----|-----|----------|----------|----------|
| 16 | BOM | eP | 01 11 01 | 3140 | 16 | CHA | iP | 03 31 53 | 1780 |
| | | iS | 15 47 | | | | eS | 34 43 | |
| | | M | 22 15 | | | P00 | iP | 03 32 32 | RNE 2010 |
| | | M | 22 56 | | | | eS | 35 57 | |
| MDR | eP | 01 11 03 | 3150 | | | M | 38 05 | | |
| | e | 11 13 | | | SHL | iP | 03 32 38 | R 2150 | |
| | PP | 11 57 | | | | i | 33 42 | | |
| | PPP | 12 09 | | | | S | 36 11 | | |
| | iS | 15 50 | | | CAL | eP | 03 32 45 | 2120 | |
| | e | 16 06 | | | | iS | 36 15 | | |
| | LQ | 16 53 | | | MDR | e | 03 34 01 | | |
| | SSS | 17 27 | | | | eS | 37 53 | | |
| | LR | 18 17 | | | | e | 38 05 | | |
| | M | 20 36 | | | KOD | i | 01 16 45 | | |
| 16 | MDR | e | 02 20 46 | | 16 | MDR | e | 02 20 46 | |
| | | e | 27 19 | | | | e | 27 19 | |
| 16 | Epc:- | 38.0°N 72.9°E in Tadzik SSR. h about 132 km. -H= 03h 28m 11.7s (USCGS). Mag: 5.2 (CGS). | | | 16 | SHL | iP | 08 52 59 | R 51 80 |
| | | | | | | | S | 59 48 | |
| | Epc:- | 38.0°N 72.0°E -H= 03h 28m 15s (CSO Shillong). | | | | DDI | iP | 08 53 52 | C |
| | | | | | 16 | NDI | iP | 08 54 05 | CSW 6060 |
| | | | | | | | iS | 09 01 41 | |
| DDI | iP | 03 30 17 | C 925 | | 16 | CHA | e | 15 04 17 | |
| | PP | 30 24 | | | 16 | SHL | iP | 15 10 33 | C |
| | PPP | 30 31 | | | 16 | CHA | i | 15 10 56 | |
| | P* | 30 37 | | | 16 | NDI | eP | 15 11 36 | R |
| | Pg | 30 57 | | | 16 | SHL | iPg | 15 49 19 | C 90 |
| | LQ | 31 40 | | | | | Sg | 49 29 | |
| | iS | 31 52 | | | 16 | NDI | eP | 17 48 23 | 960 |
| | SS | 32 04 | | | | | eS | 50 02 | |
| | LR | 32 06 | | | 16 | CHA | i | 20 00 46 | |
| | SSS | 32 15 | | | 17 | SHL | iP | 03 37 14 | R |
| | S* | 32 22 | | | 17 | SHL | iP | 07 25 15 | R |
| | M | 32 46 | | | 17 | NDI | iP | 08 00 46 | C |
| NDI | iP | 03 30 31 | CSE 990 | | 17 | NDI | iP | 12 09 49 | R |
| | PP | 30 36 | | | | | | | |
| | Pg | 31 15 | | | 17 | SHL | iP | 14 40 29 | C |
| | LQ | 32 05 | | | | | | | |
| | iS | 32 13 | | | | | | | |
| SEH | eP | 03 31 40 | 1565 | | | | | | |
| | LQ | 34 16 | | | | | | | |
| | iS | 34 18 | | | | | | | |
| | SS | 03 34 36 | | | | | | | |
| | SSS | 34 48 | | | | | | | |
| | LR | 34 58 | | | | | | | |

DATE STN PHASE H. M. S. Δ KM

March, 1964.

Table of seismic data for March 1964, page 12. Includes stations like MDR, TOC, CHA, SHL, NDI, PBA, SEH, P00, BOM, and MDR with various phases and times.



DATE STN PHASE H. M. S. Δ KM

March, 1964.

Table of seismic data for March 1964, page 13. Includes stations like P00, HYD, KOD, MDR, NDI, CHA, DDI, BOM, SHL, and DDI with various phases and times.

DATE STN PHASE H. M. S. \triangle KM \triangle KM

March, 1964.

Table with columns: DATE, STN, PHASE, H., M., S., and KM. Includes entries for stations like NDI, SHL, TOC, CHA, PBA, DDI, MDR, P00, BOM, SEH, and KOD with various seismic phase readings.



International
Seismological
Centre

DATE STN PHASE H. M. S. \triangle KM \triangle KM

March, 1964.

Table with columns: DATE, STN, PHASE, H., M., S., and KM. Includes entries for stations like HYD, SEH, CAL, P00, NDI, SHL, CHA, DDI, BOM, and KOD with various seismic phase readings.



DATE STN PHASE H. M. S. △ KM

DATE STN PHASE H. M. S. △ KM

March, 1964.

March, 1964.

Table of seismic records for March 1964 on page 16, including stations like SHL, NDI, SEH, CHA, BOM, P00, SHL, CAL, TOC, HYD, MDR, KOD, CHA, and SHL with phases and times.

Table of seismic records for March 1964 on page 17, including stations like SHL, NDI, MDR, CHA, NDI, SHL, CHA, NDI, SHL, NDI, PBA, NDI, SHL, NDI, SHL, SHL, DDI, SHL, CHA, NDI, SHL, CHA, NDI, SHL, CHA, NDI, SHL, CHA, SHL, and SHL with phases and times.

DATE STN PHASE H. M. S. △ KM

March, 1964.

| | | | | | | |
|----|---|----|----------|-----|-------|--|
| 26 | SHL | iP | 01 22 39 | R | | |
| | MDR | e | 01 23 56 | | | |
| | NDI | eP | 01 24 29 | RSW | | |
| | | | 24 30 | | | |
| | DDI | iP | 01 24 30 | C | | |
| 26 | Epc:- 11.3°N 142.0°E in Mariana Islands. h about 33 km(USCGS). -H= 02h 04m 20.2s. Mag: 4.9 S.D. 0.3 (CGS). | | | | | |
| | CHA | eP | 02 13 54 | | | |
| | MDR | eP | 02 14 30 | | 6840 | |
| | e | | 15 03 | | | |
| | PcP | | 15 16 | | | |
| | PP | | 16 45 | | | |
| | PPP | | 18 14 | | | |
| | iS | | 22 51 | | | |
| | PS | | 23 08 | | | |
| | PPS | | 23 17 | | | |
| | ScS | | 24 22 | | | |
| | SS | | 26 44 | | | |
| | SSS | | 29 24 | | | |
| | LQ | | 29 40 | | | |
| | LR | | 32 46 | | | |
| | M | | 37 57 | | | |
| | P00 | eP | 02 15 10 | | | |
| | BOM | eP | 02 15 44 | | 7935 | |
| | PcP | | 16 19 | | | |
| | PP | | 18 14 | | | |
| | PPP | | 19 42 | | | |
| | PcS | | 20 05 | | | |
| | eS | | 25 04 | | | |
| | PS | | 27 | | | |
| | PPS | | 36 | | | |
| | SKS | | 42 | | | |
| 26 | NDI | eP | 02 54 52 | | 6920 | |
| | eS | | 03 03 18 | | | |
| 26 | NDI | eP | 05 05 39 | RSE | | |
| 26 | CHA | e | 05 33 26 | | | |
| 26 | NDI | eP | 05 44 33 | | | |
| | e | | 45 05 | | | |
| 26 | SHL | iP | 06 36 46 | CNW | 3110 | |
| | iS | | 41 30 | | | |
| 26 | CHA | iP | 06 37 25 | C | | |
| 26 | NDI | eP | 06 38 39 | RS | | |
| 26 | NDI | eP | 07 22 29 | R | | |
| 26 | SHL | iP | 09 22 06 | C | | |
| 26 | NDI | e | 10 18 24 | | | |
| 26 | NDI | iP | 12 10 47 | SE | | |
| 26 | SHL | iP | 12 24 17 | C | | |
| 26 | MDR | e | 12 24 47 | | | |
| 26 | CHA | iP | 12 24 49 | C | | |
| | DDI | iP | 12 25 49 | R | | |
| 26 | NDI | eP | 13 49 53 | | | |
| | CHA | i | 13 50 17 | | | |
| 26 | MDR | e | 14 57 32 | | | |
| 26 | SHL | eP | 19 45 41 | | | |
| 26 | CHA | iP | 19 46 06 | C | | |
| 26 | DDI | e | 19 46 45 | | | |
| 26 | NDI | eP | 19 46 55 | CNW | | |
| 26 | CHA | e | 21 33 17 | | | |
| 27 | Epc:- 25.9°N 95.8°E in Northern Burma. h about 93 km. -H= 04h 30m 33.0s(USCGS) Mag: 5.4 (CGS). | | | | | |
| | TOC | iP | 04 31 05 | E | | |
| | SHL | iP | 04 31 28 | RNE | 340 | |
| | i | | 32 00 | | | |
| | iS | | 32 06 | | | |
| | CAL | eP | 04 32 22 | | 760 | |
| | iS | | 33 41 | | | |
| | CHA | iP | 04 32 25 | R | 1090' | |
| | iS | | 33 47 | | | |
| | i | | 34 24 | | | |
| | i | | 35 02 | | | |
| | PBA | eP | 04 33 54 | C | 1730 | |
| | iS | | 36 48 | | | |

DATE STN PHASE H. M. S. △ KM

March, 1964.

| | | | | | | |
|----|---|-----|----------|-----|------|--|
| 27 | DDI | iP | 04 34 15 | R | 1700 | |
| | PP | | 34 28 | | | |
| | PPP | | 34 35 | | | |
| | i | | 34 42 | | | |
| | LQ | | 37 02 | | | |
| | iS | | 37 06 | | | |
| | SS | | 37 23 | | | |
| | SSS | | 37 35 | | | |
| | LR | | 37 44 | | | |
| | M | | 39 00 | | | |
| | NDI | iP | 04 34 21 | CNW | 1740 | |
| | PPP | | 35 03 | | | |
| | iS | | 37 16 | | | |
| | SS | | 37 35 | | | |
| | SSS | | 37 46 | | | |
| | LR | | 38 00 | | | |
| | SEH | iP | 04 34 27 | | 1840 | |
| | PP | | 34 39 | | | |
| | PPP | | 34 46 | | | |
| | i | | 34 59 | | | |
| | i | | 35 18 | | | |
| | LQ | | 37 26 | | | |
| | iS | | 37 31 | | | |
| | LR | | 38 19 | | | |
| | PcP | | 39 15 | | | |
| | MDR | iP | 04 34 56 | W | 2170 | |
| | PP | | 35 12 | | | |
| | PPP | | 35 20 | | | |
| | e | | 38 23 | | | |
| | iS | | 38 30 | | | |
| | LQ | | 38 34 | | | |
| | SS | | 38 53 | | | |
| | SSS | | 39 05 | | | |
| | LR | | 39 24 | | | |
| | M | | 40 59 | | | |
| | BOM | iP | 04 35 23 | | 2445 | |
| | e | | 31 | | | |
| | PP | | 52 | | | |
| | PPP | | 36 03 | | | |
| | e | | 13 | | | |
| | iS | | 39 22 | | | |
| | e | | 41 | | | |
| 27 | P00 | iP | 04 35 35 | | 2500 | |
| | iS | | 39 38 | | | |
| 27 | SHL | iP | 09 11 45 | C | | |
| 27 | CHA | eP | 15 06 51 | | 170 | |
| | eS | | 07 12 | | | |
| 27 | NDI | iP | 18 15 04 | CSE | 980 | |
| | iS | | 16 45 | | | |
| 27 | DDI | iP | 19 14 52 | | | |
| | i | | 16 24 | | | |
| | CHA | iP | 19 16 33 | C | | |
| | SHL | iP | 19 17 18 | C | | |
| 27 | SHL | eP2 | 19 55 58 | | | |
| | CHA | iP | 19 56 53 | R | | |
| | i | | 58 03 | | | |
| 27 | SHL | iP | 20 34 54 | C | | |
| 27 | CHA | e | 20 39 30 | | | |
| | NDI | eP | 20 39 45 | C | | |
| 27 | MDR | e | 20 45 12 | | | |
| | e | | 45 53 | | | |
| | e | | 48 09 | | | |
| | DDI | i | 20 45 39 | | | |
| | i | | 46 42 | | | |
| 27 | Epc:- 27.2°N 89.3°E in Bhutan. h about 32 km (USCGS). -H= 23h 03m 41.7s. Mag: 6.3 (CGS). | | | | | |
| | CHA | iP | 23 04 13 | CW | 200 | |
| | iS | | 04 37 | | | |
| | SHL | iP | 23 04 15 | CSE | 280 | |
| | Pg | | 04 31 | | | |
| | S | | 04 57 | | | |
| | Sg | | 05 05 | | | |
| | TOC | eP | 23 04 51 | | | |
| | e | | 05 06 | | | |
| | e | | 05 31 | | | |
| | e | | 05 43 | | | |
| | CAL | | | | | |
| | CAL | eP | 23 04 53 | | 550 | |
| | iS | | 05 53 | | | |
| | DDI | iP | 23 06 08 | R | 1090 | |
| | PP | | 06 15 | | | |
| | PPP | | 06 22 | | | |
| | P* | | 06 32 | | | |
| | Pg | | 06 58 | | | |
| | LQ | | 07 50 | | | |
| | iS | | 08 00 | | | |
| | SS | | 08 12 | | | |
| | LR | | 08 19 | | | |
| | SSS | | 08 23 | | | |
| | S* | | 08 37 | | | |
| | Sg,M | | 09 06 | | | |

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March, 1964.

| | | | | | | | | | | | | | | |
|----|--|-----|----|----|----|-----|-------|-----|-----------|----|----|----|-----|-------|
| 27 | NDI | iP | 23 | 06 | 11 | RNE | 1120 | DDI | iP | 03 | 48 | 31 | CSW | 9080 |
| | | LQ | | 07 | 59 | | | | PP | | 52 | 15 | | |
| | | S | | 08 | 06 | | | | PPP | | 54 | 15 | | |
| | | SS | | 08 | 18 | | | | SKS | | 58 | 50 | | |
| | | LR | | 08 | 30 | | | | SKKS | | 59 | 04 | | |
| | | | | | | | | | SKKKS | | 59 | 06 | | |
| | SEH | iP | 23 | 06 | 31 | | 1180 | | iS | | 59 | 22 | | |
| | | LQ | | 08 | 26 | | | | PS | 04 | 00 | 38 | | |
| | | iS | | 08 | 32 | | | | PPS | | 01 | 33 | | |
| | | SS | | 08 | 45 | | | | SS | | 05 | 53 | | |
| | | SSS | | 08 | 54 | | | | SSP | | 06 | 01 | | |
| | | LR | | 08 | 58 | | | | SSS | | 09 | 50 | | |
| | | M | | 09 | 48 | | | | | | | | | |
| | MDR | eP | 23 | 07 | 25 | | 1800 | CHA | iP | 03 | 48 | 33 | CSW | 9110 |
| | | PP | | 07 | 35 | | | | iS | | 58 | 47 | | |
| | | PPP | | 07 | 46 | | | NDI | iP | 03 | 48 | 39 | CSW | 9600 |
| | | LQ | | 10 | 21 | | | | i | | 48 | 48 | | |
| | | eS | | 10 | 25 | | | | iS | | 59 | 13 | | |
| | | SS | | 10 | 43 | | | CAL | iP | 03 | 48 | 49 | E | 9470 |
| | | SSS | | 10 | 54 | | | | iS | | 59 | 19 | | |
| | | LR | | 11 | 07 | | | | | | | | | |
| | | e | | 11 | 42 | | | SEH | eP | 03 | 49 | 05 | | 9535 |
| | | M | | 12 | 25 | | | | PP | | 52 | 30 | | |
| | P00 | eP | 23 | 07 | 30 | | | | PPP | | 54 | 17 | | |
| | | e | | 10 | 15 | | | | SKS | | 59 | 18 | | |
| 27 | BOM | iP | 23 | 07 | 45 | | 1835 | | iS | | 59 | 38 | | |
| | | iS | | 10 | 49 | | | | i | 04 | 01 | 04 | | |
| | | SS | | | 57 | | | PBA | iP | 03 | 49 | 29 | | |
| | | SSS | | 11 | 14 | | | | i | | 04 | 01 | 15 | |
| | | LR | | | 35 | | | BOM | iP | 03 | 49 | 30 | | 10445 |
| 27 | CHA | eP | 23 | 32 | 09 | | 500 | | PP | | 53 | 18 | | |
| | | eS | | 33 | 03 | | | | i | | | 46 | | |
| | SHL | eP | 23 | 32 | 50 | | 610 | | SKS | 04 | 00 | 08 | | |
| | | iS | | 33 | 54 | | | | SKKS | | | 27 | | |
| 28 | NDI | eP | 00 | 58 | 32 | | | P00 | iP | 03 | 49 | 31 | CSW | 10435 |
| 28 | Epc:- 61.1°N 147.6°W in Alaska. h about 20 km. -H= 03h 36m 12.7s(USCGS). Mag. 8.4(Pas), 8 $\frac{1}{2}$ -8 $\frac{3}{4}$ (Berk) 8.6 (Pal), 8.5 (CGS). 114 dead or missing, many injured and major property damage in Alaska. Extensive damage from Seismic Sea waves throughout the gulf of Alaska, along the west coast of North America and in Hawaii. | | | | | | | | PP | | 52 | 23 | | |
| | | | | | | | | | PPP | | 54 | 03 | | |
| | | | | | | | | | SKS1 | | 58 | 53 | | |
| | | | | | | | | | SKS2 | | 59 | 23 | | |
| | | | | | | | | | iS, ScS04 | | 00 | 37 | | |
| | | | | | | | | | PS | | 02 | 24 | | |
| | | | | | | | | | PPS | | 03 | 16 | | |
| | | | | | | | | | SS | | 07 | 42 | | |
| | | | | | | | | | SSP | | 08 | 05 | | |
| | MDR | eP | 03 | 49 | 45 | | 10780 | | | | | | | |
| | | PP | | 53 | 43 | | | | | | | | | |
| | | PPP | | 55 | 40 | | | | | | | | | |
| | SHL | iP | 03 | 48 | 29 | S | | KOD | iP | 03 | 50 | 09 | | |
| | | iS | | 58 | 39 | | | | i | | 55 | 03 | | |
| 28 | CHA | iP | 04 | 02 | 28 | R | | | | | | | | |



DATE STN PHASE H. M. S. Δ KM

March, 1964.

| | | | | | | | | | | | | | | |
|----|-----|----|----|----|----|-----|--|----|-----|----|----|----|----|-----|
| 28 | CHA | iP | 05 | 06 | 28 | R | | 28 | CHA | i | 07 | 21 | 32 | |
| 28 | CHA | i | 05 | 29 | 55 | | | | NDI | eP | 07 | 21 | 40 | R |
| 28 | CHA | iP | 05 | 46 | 19 | R | | 28 | NDI | iP | 07 | 21 | 54 | RNE |
| | | i | | 48 | 00 | | | | CHA | iP | 07 | 22 | 45 | R |
| 28 | CHA | i | 05 | 59 | 05 | | | | PBA | e | 07 | 23 | 39 | |
| 28 | CHA | i | 06 | 21 | 05 | | | | P00 | iP | 07 | 23 | 45 | R |
| | NDI | iP | 06 | 21 | 13 | C | | | | | | | | |
| 28 | CHA | iP | 06 | 41 | 38 | R | | 28 | DDI | e | 07 | 36 | 47 | |
| 28 | DDI | iP | 06 | 44 | 58 | C | | 28 | CHA | iP | 07 | 36 | 48 | C |
| | CHA | iP | 06 | 44 | 59 | C | | 28 | NDI | eP | 07 | 36 | 56 | BSW |
| | NDI | iP | 06 | 45 | 07 | C | | 28 | NDI | iP | 07 | 40 | 52 | CN |
| 28 | NDI | eP | 06 | 49 | 23 | R | | 28 | SHL | iP | 07 | 42 | 48 | |
| 28 | DDI | iP | 06 | 53 | 51 | R | | | NDI | eP | 07 | 43 | 05 | RSE |
| | CHA | iP | 06 | 53 | 51 | R | | | P00 | iP | 07 | 43 | 55 | R |
| | NDI | iP | 06 | 53 | 59 | R | | 28 | DDI | i | 07 | 52 | 57 | |
| 28 | CHA | iP | 06 | 56 | 18 | R | | 28 | CHA | i | 08 | 00 | 59 | |
| | DDI | iP | 06 | 56 | 20 | R | | 28 | NDI | eP | 08 | 12 | 12 | |
| | NDI | iP | 06 | 56 | 28 | RNE | | 28 | NDI | eP | 08 | 28 | 13 | R |
| | PBA | e | 06 | 57 | 11 | | | 28 | NDI | iP | 08 | 42 | 40 | C |
| 28 | CHA | i | 07 | 03 | 11 | | | 28 | NDI | eP | 08 | 45 | 08 | R |
| 28 | NDI | iP | 07 | 03 | 21 | C | | 28 | SHL | iP | 08 | 46 | 05 | C |
| | | i | | 03 | 28 | | | | CHA | iP | 08 | 46 | 11 | C |
| 28 | CHA | iP | 07 | 06 | 00 | R | | | NDI | eP | 08 | 46 | 19 | C |
| | DDI | eP | 07 | 06 | 00 | R | | 28 | SHL | iP | 08 | 52 | 14 | R |
| | NDI | iP | 07 | 06 | 08 | RNE | | | CHA | i | 08 | 52 | 19 | |
| 28 | P00 | iP | 07 | 06 | 59 | R | | | DDI | iP | 08 | 52 | 22 | R |
| 28 | CHA | i | 07 | 14 | 53 | | | 28 | NDI | iP | 08 | 52 | 59 | RNW |
| 28 | NDI | eP | 07 | 16 | 33 | C | | 28 | NDI | eP | 08 | 59 | 21 | RS |
| 28 | DDI | eP | 07 | 21 | 32 | | | 28 | CHA | eP | 09 | 07 | 35 | |
| | | i | | 22 | 46 | | | 28 | NDI | eP | 09 | 07 | 43 | C |

DATE STN PHASE H. M. S. KM

March, 1964.

Table with columns: DATE, STN, PHASE, H. M. S., KM. Contains seismic event data for March 1964, including stations like DDI, NDI, SHL, CHA, P00, PBA, TOC, CAL, and KOD.



DATE STN PHASE H. M. S. KM

March, 1964.

Table with columns: DATE, STN, PHASE, H. M. S., KM. Contains seismic event data for March 1964, including stations like MDR, SEH, P00, NDI, DDI, KOD, SHL, CHA, and NDI.

DATE STN PHASE H. M. S. \triangle KM DATE STN PHASE H. M. S. \triangle KM

March, 1964.

| | | | | | | | | | | | |
|----|--|----------|----------|-----|------|----|--|-------|----------|-----|------|
| 28 | DDI | iP | 13 40 05 | R | | 28 | CHA | iP | 15 01 39 | C | |
| 28 | NDI | eP | 13 40 10 | CN | | | CAL | e | 15 01 47 | | |
| 28 | NDI | eP | 14 00 10 | | | | | e | 11 08 | | |
| 28 | NDI | eP | 14 05 37 | | | | NDI | iP | 15 03 26 | RNE | 5510 |
| 28 | NDI | iP | 14 07 01 | R | | 28 | BOM | e | 15 11 35 | | |
| 28 | SHL | iP | 14 14 13 | C | | 28 | NDI | iP | 15 13 03 | C | |
| | CHA | iP | 14 14 18 | R | | 28 | NDI | iP | 15 35 09 | C | |
| | NDI | iP | 14 14 29 | CSE | | 28 | CHA | iP | 15 46 17 | C | |
| 28 | NDI | iP | 14 45 45 | C | | 28 | CHA | i | 16 04 15 | | |
| 28 | NDI | iP | 14 58 47 | R | | | NDI | iP | 16 04 24 | R | |
| 28 | CHA | e | 14 58 51 | | | 28 | CHA | e | 16 07 56 | C | |
| 28 | NDI | iP | 14 59 03 | C | | 28 | CHA | e | 16 38 35 | | |
| | i | 15 00 08 | | | | | NDI | iP | 16 39 04 | C | |
| | SHL | iP | 14 59 59 | C | | 28 | SHL | iP | 16 56 58 | C | |
| | i | 15 01 35 | | | | | DDI | iP | 16 57 01 | C | |
| | i | 10 18 | | | | | CHA | iP | 16 57 01 | C | |
| 28 | Epc:- 60.4°N 146.5°W in Alaska. h about 10 km(USCGS). -H= 14h 47m 37.1s. Mag: 6.3 (Pas), 5 $\frac{3}{4}$ -6(Berk), 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (Pal) 5.7 S.D. 0.3(CGS). | | | | | | | | | | |
| | DDI | iPn | 15 00 01 | C | 9140 | 28 | CHA | iP | 18 02 19 | C | |
| | i | 01 36 | | | | 28 | CHA | e | 18 15 56 | | |
| | iS | 10 17 | | | | 28 | NDI | eP | 18 16 08 | C | |
| | CHA | iP | 15 00 03 | C | 9200 | 28 | NDI | eP | 19 14 24 | R | |
| | eS | 10 21 | | | | 28 | NDI | eP | 19 48 44 | RNW | 960 |
| | NDI | iP | 15 00 10 | RNE | | | iS | 50 22 | | | |
| | i | 01 46 | | | | 28 | SHL | iPg | 20 10 29 | C | 60 |
| | MDR | eP | 15 00 36 | | 9890 | | Sg | 10 35 | | | |
| | eS | 11 23 | | | | 28 | Epc:- 59.8°N 148.7°W in Alaska. h about 40 km(USCGS). -H= 20h 29m 08.6s. Mag: 6.6(Pas), 6 $\frac{1}{2}$ -6 $\frac{3}{4}$ (Brk, Pal) 5.8 S.D. 0.3(CGS). | | | | |
| | e | 12 00 | | | | | TOC | e | 20 41 17 | | |
| | M | 40 52 | | | | | SHL | iP | 20 41 24 | R | 9020 |
| | P00 | iP | 15 00 48 | R | 9880 | | PP | 44 37 | | | |
| | i | 02 36 | | | | | PPP | 46 31 | | | |
| | iS | 11 35 | | | | | iS | 51 34 | | | |
| | BOM | e | 15 01 01 | | | | ScS | 51 44 | | | |
| | e | 02 35 | | | | | | | | | |
| | e | 00 41 | | | | | | | | | |
| | e | 04 49 | | | | | | | | | |
| | e | 11 12 | | | | | | | | | |



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|----|-------|----------|----------|-----|-------|----|---|-------|----------|-----|--|
| 28 | CHA | iP | 20 41 28 | C | 9130 | 28 | NDI | eP | 23 11 40 | | |
| | | iS | 51 43 | | | | | | | | |
| | DDI | iP | 20 41 28 | CSE | 9180 | 28 | SHL | iP | 23 58 42 | R | |
| | PP | 44 29 | | | | | NDI | eP | 23 58 54 | | |
| | PPP | 46 21 | | | | | i | 59 01 | | | |
| | iS | 51 45 | | | | 29 | SHL | iP | 01 21 54 | R | |
| | ScS | 52 00 | | | | | DDI | iP | 01 21 57 | | |
| | PS | 52 35 | | | | | NDI | iP | 01 22 06 | RNE | |
| | PPS | 52 55 | | | | | P00 | iP | 01 22 54 | R | |
| | SS | 57 06 | | | | 29 | CHA | iP | 01 22 56 | R | |
| | SSS | 21 00 33 | | | | 29 | SHL | iP | 01 41 54 | R | |
| | LR | 07 44 | | | | 29 | CHA | iP | 01 41 59 | C | |
| | SKKKS | 11 29 | | | | 29 | NDI | eP | 01 42 08 | CSW | |
| | M | 14 40 | | | | | P00 | iP | 01 42 56 | R | |
| | NDI | iP | 20 41 35 | RSW | 9600 | 29 | NDI | iP | 03 04 47 | CS | |
| | PcP | 41 40 | | | | | i | 04 54 | | | |
| | iSKS | 52 00 | | | | 29 | SHL | iP | 03 19 37 | R | |
| | S | 52 09 | | | | 29 | DDI | e | 03 19 40 | | |
| | MDR | eP | 20 42 22 | | 10220 | 29 | SHL | iP | 03 50 51 | C | |
| | PP | 46 23 | | | | | DDI | iP | 03 50 53 | | |
| | eS | 53 22 | | | | | NDI | iP | 03 51 02 | CNE | |
| | e | 53 52 | | | | | i | 51 14 | | | |
| | e | 54 08 | | | | 29 | SHL | iP | 04 24 41 | C | |
| | PBA | iP | 20 42 23 | | 9445 | | DDI | e | 04 24 42 | | |
| | iS | 52 51 | | | | | NDI | eP | 04 24 50 | R | |
| | P00 | iP | 20 42 24 | C | 10425 | 29 | NDI | eP | 05 04 26 | | |
| | SKS | 53 02 | | | | 29 | NDI | eP | 05 33 51 | CSW | |
| | BOM | eP | 20 42 24 | | 10555 | 29 | Epc:- 56.1°N 154.3°W in Alaska. h about 30 km.(USCGS). -H= 06h 04m 44.5s. Mag: 5.8(Pas), 5 $\frac{1}{4}$ -5 $\frac{1}{2}$ (Berk) 6-6 $\frac{1}{4}$ (Pal), 5.6 S.D.0.2(CGS). | | | | |
| | PP | 46 12 | | | | | SHL | iP | 06 17 00 | C | |
| | e | 46 20 | | | | | CHA | iP | 06 17 06 | C | |
| | PPP | 48 17 | | | | | | | | | |
| | SKS | 53 09 | | | | | | | | | |
| | ScS | 53 32 | | | | | | | | | |
| | Pc | 55 00 | | | | | | | | | |
| | PPs | 55 34 | | | | | | | | | |
| | M | 30 12 | | | | | | | | | |
| 28 | SHL | iP | 22 22 15 | C | | | | | | | |
| | CHA | e | 22 22 20 | | | | | | | | |
| 28 | SHL | iP | 22 41 07 | R | | | | | | | |
| | CHA | iP | 22 41 11 | R | | | | | | | |
| | NDI | eP | 22 41 19 | | | | | | | | |
| 28 | CHA | iP | 22 47 36 | C | 130 | | | | | | |
| | iS | 47 53 | | | | | | | | | |
| 28 | SHL | iP | 22 59 22 | C | | | | | | | |

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|----|-----|----|----------|-----|------|----|--|----------|----------|--------|
| 29 | DDI | iP | 06 17 08 | C | 9265 | 29 | SHL | eP | 14 08 22 | |
| | | iS | 27 29 | | | | CHA | e | 14 08 44 | |
| | | i | 57 32 | | | | TOC | e | 14 09 30 | |
| | NDI | eP | 06 17 17 | CSW | 9270 | 29 | SHL | iP | 16 21 39 | C |
| | | eS | 27 38 | | | | CHA | iP | 16 21 42 | C |
| | PBA | eP | 06 17 56 | | 9415 | | NDI | eP | 16 21 47 | |
| | | eS | 28 23 | | | | e | 21 51 | | |
| | P00 | iP | 06 18 03 | | 9641 | 29 | SHL | iP | 16 20 53 | C |
| | | iS | 28 39 | | | | CHA | e | 16 30 56 | |
| | HYD | S | 06 28 37 | | | | NDI | eP | 16 31 02 | C |
| | | LR | 46 52 | | | 29 | Epc:- 59.2°N 155.1°W in Alaska. h about 10 km. (USCGS). -H= 09h 38m 29s. Mag: 4.1 S.D. 0.1 (CGS). | | | |
| | | M | 54 39 | | | | SHL | iP | 16 53 23 | C 9180 |
| | BOM | eS | 06 28 38 | | | | PcP | 53 41 | | |
| | MDR | iS | 06 28 58 | | | | FP | 56 27 | | |
| | | e | 32 11 | | | | iS | 17 03 40 | | |
| | | M | 56 37 | | | | SS | 09 10 | | |
| 29 | NDI | eP | 06 42 12 | C | | | M | 30 51 | | |
| 29 | SHL | iP | 07 05 36 | C | | | CHA | eP | 16 53 25 | |
| 29 | NDI | eP | 07 05 52 | R | | | NDI | eP | 16 53 31 | C 9510 |
| 29 | NDI | eP | 07 17 47 | C | | | i | 53 32 | | |
| | | e | 17 56 | | | | eS | 17 04 02 | | |
| 29 | SHL | iP | 08 05 03 | C | | | DDI | iP | 16 53 34 | CN |
| | CHA | iP | 08 05 09 | C | | | i | 57 58 | | |
| | DDI | iP | 08 05 12 | C | | | e | 17 03 50 | | |
| | | i | 15 31 | | | | BOM | eP | 16 54 20 | |
| 29 | NDI | eP | 08 05 20 | C | | | e | 58 12 | | |
| 29 | NDI | eP | 09 28 29 | R | | | e | 17 05 40 | | |
| 29 | SHL | iP | 10 20 21 | C | | | e | 09 27 | | |
| | DDI | eP | 10 20 23 | | | | e | 10 22 | | |
| | NDI | e | 10 20 24 | | | | e | 12 08 | | |
| | NDI | eP | 10 20 31 | R | | | e | 16 08 | | |
| | | i | 26 18 | | | | M | 40 | | |
| 29 | CHA | iP | 11 56 24 | C | | 29 | PBA | eP | 16 54 20 | 10856 |
| | NDI | eP | 11 56 31 | C | | | eS | 17 05 42 | | |
| 29 | NDI | e | 12 09 06 | | | 29 | P00 | iP | 16 55 23 | R |
| | | e | 09 13 | | | 29 | CHA | iP | 16 58 00 | |

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|----|---|----------|----------|----|------|----|--|----------|----------|----------|-------|
| 29 | MDR | e | 16 59 33 | | | 29 | SHL | iP | 23 40 16 | C | |
| | | e | 17 05 25 | | | | NDI | eP | 23 40 25 | R | |
| | | e | 12 34 | | | | e | 41 52 | | | |
| | | e | 16 29 | | | 30 | DDI | i | 00 01 53 | | |
| | | e | 21 33 | | | | NDI | eP | 00 02 02 | R | |
| | | M | 33 27 | | | 30 | Epc:- 56.6°N 152.9°W in Alaska. h about 25 k. -H= 02h 18m 06.3s. Mag: 6.6(Pas), 6 $\frac{1}{2}$ -6 $\frac{1}{4}$ (Berk), 6 $\frac{3}{4}$ (Pal), 5.8 S.D. 0.4(CGS). | | | | |
| 29 | SHL | iP | 17 05 51 | C | | | CHA | iP | 02 30 30 | C | |
| | CHA | iP | 17 05 54 | C | | | DDI | eP | 02 30 32 | 9445 | |
| 29 | NDI | eP | 17 06 59 | C | | | PP | 33 58 | | | |
| 29 | HYD | M | 17 33 04 | | | | SKS1 | 40 42 | | | |
| 29 | SHL | iP | 17 39 29 | C | | | iS | 41 01 | | | |
| | CHA | eP | 17 40 32 | | 420 | | SS | 46 48 | | | |
| | eS | 41 18 | | | | | SSS | 50 18 | | | |
| 29 | NDI | eP | 18 05 36 | | | | NDI | eP | 02 30 40 | CSE 2030 | |
| | e | 10 26 | | | | | PP | 34 02 | | | |
| 29 | NDI | eP | 19 00 55 | | | | PBA | eP | 02 31 22 | 9665 | |
| 29 | CHA | e | 19 44 14 | | | | iS | 42 00 | | | |
| 29 | Epc:- 6.7°S 155.1°E in Solomon Islands. Felt Rabaul. h about 68 km. (USCGS). -H= 21h 40m 32.7s. Mag: 6 (Pal), 5.3 (CGS). | | | | | | | BOM | eP | 02 31 30 | 10510 |
| | SHL | iP | 21 51 38 | C | 7630 | | e | 35 16 | | | |
| | iS | 22 00 41 | | | | | e | 41 30 | | | |
| | CHA | iP | 21 52 02 | C | | | eSKS | 42 12 | | | |
| | i | 52 13 | | | | | eS | 42 29 | | | |
| | MDR | iP | 21 52 25 | E | | | P00 | iP | 02 31 32 | C 10510 | |
| | PcP | 52 36 | | | | | iSKS | 42 14 | | | |
| | PP | 55 14 | | | | | MDR | eP | 02 31 54 | 10670 | |
| | PPP | 56 59 | | | | | PP | 35 47 | | | |
| | iS | 22 02 09 | | | | | PPP | 37 52 | | | |
| | SKS | 02 30 | | | | | SKS | 42 33 | | | |
| | PS | 02 46 | | | | | SKKS | 42 51 | | | |
| | SS | 07 09 | | | | | eS | 43 10 | | | |
| | SSS | 10 33 | | | | | PPS | 45 19 | | | |
| | NDI | eP | 21 52 49 | NE | 9100 | | SS | 50 15 | | | |
| | eS | 22 03 02 | | | | | SSS | 54 11 | | | |
| | DDI | iP | 21 52 50 | R | | | LR | 03 03 08 | | | |
| | P00 | iP | 21 52 55 | C | | | M | 11 17 | | | |
| | e | 22 05 06 | | | | | HYD | eS | 02 42 09 | | |
| 29 | SHL | iP | 23 34 31 | C | | | LR | 03 00 54 | | | |
| | | | | | | | M | 08 39 | | | |
| | | | | | | 30 | NDI | eP | 03 35 26 | | |
| | | | | | | | i | 35 27 | | | |
| | | | | | | 30 | SHL | iP | 03 37 06 | C | |

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|-----|---|-----|-------------|-------------------|----------|---|
| 30 | Epc:- 59.9°N 145.7°W in Alaska. h about 15 km. -H= 07h 09m 34.0s. Mag: 6.2 (Pas), 5 ³ / ₄ -6 (Berk), 6 ¹ / ₄ -6 ¹ / ₂ (Pal), 5.6 S.D. 0.3 (CGS). | NDI | eP | 11 18 19 | RN | |
| | | 30 | NDI | eP | 12 01 17 | R |
| | | 30 | CHA | iP | 12 08 08 | C |
| | | 30 | SHL | iP | 12 18 03 | C |
| SHL | iP 07 21 56 C 9220 | DDI | iP | 12 18 06 | C | |
| | iS 32 15 | 30 | NDI | eP | 12 18 14 | C |
| | ScS 32 31 | 30 | CHA | iPg 12 26 51 C 80 | | |
| | PS 33 19 | | iSg | 27 00 | | |
| | SS 37 41 | NDI | eP | 12 27 01 | C | |
| | M 50 06 | 30 | SHL | iP | 12 50 37 | C |
| DDI | iP 07 22 02 RN 9265 | | NDI | eP | 12 50 48 | R |
| | PP 25 21 | 30 | SHL | eP | 13 15 54 | |
| | PPP 27 17 | 30 | CHA | iP | 13 16 00 | C |
| | SKS1 32 12 | DDI | i? 13 16 03 | | | |
| | iS 32 23 | | e? 26 33 | | | |
| | ScS 32 34 | NDI | eP | 13 16 11 | C | |
| | PS 33 19 | 30 | CHA | iP | 13 44 46 | C |
| | PPS 33 44 | DDI | iP | 13 44 48 | C | |
| | SS 37 58 | NDI | eP | 13 44 56 | CNW | |
| | SSS 40 29 | HYD | M | 13 57 06 | | |
| CHA | eP 07 22 03 | 30 | SHL | iP 13 59 40 C | | |
| NDI | eP 07 22 10 R 9380 | | eS | 05 15 | | |
| | PP 25 30 | 30 | CHA | iP 14 23 09 R | | |
| | iS 32 36 | 30 | SHL | iP 15 20 08 R | | |
| | PS 33 28 | DDI | iP | 15 20 13 R | | |
| | PPS 33 50 | CHA | iP | 15 20 13 R | | |
| | SS 37 09 | 30 | NDI | iP 15 20 21 RNW | | |
| PBA | e 07 22 59 | 30 | CHA | eP 16 12 45 230 | | |
| | iSKS 34 11 | | iSg | 13 17 | | |
| P00 | iP 07 23 01 R | SHL | iP | 16 13 34 C 380 | | |
| BOM | e 07 26 48 | | Sg | 14 33 | | |
| MDR | e 07 27 19 | | | | | |
| | e 29 32 | | | | | |
| | e 34 46 | | | | | |
| | e 41 39 | | | | | |
| | e 45 27 | | | | | |
| | M 08 03 19 | | | | | |
| HYD | M 08 02 03 | | | | | |
| 30 | SHL | iP | 09 35 27 | C | | |
| 30 | SHL | eP | 10 09 58 | | | |
| 30 | NDI | eP | 11 12 06 | R | | |
| 30 | SHL | iP | 11 18 08 | C | | |



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|-----|--|-----------------------|---|----------------------|---------------|---|
| 30 | Epc:- 56.6°N 152.1°W in Alaska. h about 25 km. -H= 16h 09m 28.4s. Mag: 5.5 (Pas), 5 ¹ / ₂ -5 ³ / ₄ (Berk), 5 ³ / ₄ -6 (Pal). | NDI | eP | 17 34 38 | C | |
| | | 30 | SHL | iP | 20 45 15 | C |
| | | | NDI | eP | 20 45 25 | R |
| SHL | iP 16 21 47 C 9090 | 31 | SHL | eP | 00 04 06 | |
| | iS 32 00 | 31 | Epc:- 43.3°N 151.0°E in Kurile Islands. h about 60 km. -H=00h 14m 11.7s (USCGS). Mag: 5 ¹ / ₂ -5 ³ / ₄ (Pal), 5.3 S.D. 0.3 (CGS). | | | |
| | SS 37 28 | | SHL | iP 00 23 09 CSW 5740 | | |
| | M 52 10 | | S | 30 30 | | |
| CHA | eP 16 21 54 C | | i | 31 36 | | |
| DDI | iP 16 21 56 C 9240 | | CHA | eP 00 23 39 | | |
| | iS 32 16 | | DDI | iP 00 23 58 C 6630 | | |
| NDI | iP 16 22 04 RN 9470 | | eP | 23 58 | | |
| | PP 25 30 | | eS | 32 08 | | |
| | SKS 32 26 | | NDI | iP 00 24 08 CSW 7020 | | |
| | S 32 34 | | PcP | 24 54 | | |
| | PS 34 05 | | PcS | 32 25 | | |
| | PPS 34 35 | | S | 32 39 | | |
| | e 38 04 | | ScS | 33 57 | | |
| | SS 38 54 | | SS | 36 24 | | |
| P00 | i 16 23 54 C | | LQ | 40 08 | | |
| | iS 34 12 | | HYD | eP 00 24 49 7580 | | |
| BOM | e 16 26 42 | | iS | 33 50 | | |
| | e 33 27 | | M | 01 02 57 | | |
| | eSKS 34 08 | | MDR | iP 00 25 02 7530 | | |
| | eS 34 32 | | PcP | 25 23 | | |
| | M 17 03 | | PP | 27 42 | | |
| MDR | e 16 27 25 | | PPP | 29 17 | | |
| | e 33 43 | | iS | 34 00 | | |
| | e 40 50 | | PS | 34 19 | | |
| | M 17 03 18 | | SKS | 34 58 | | |
| 30 | NDI | ePg 16 54 30.9 R 0014 | LQ | 42 15 | | |
| | iSg | 54 32.5 | LR | 45 38 | | |
| 30 | NDI | iPg 16 55 05.5 RS | M | 51 26 | | |
| | iSg | 55 07.3 | P00 | iP 00 25 08 C 7830 | | |
| 30 | HYD | M 17 02 51 | iS | 34 22 | | |
| 30 | SHL | iP 17 05 28 C | 31 | NDI | eP 00 32 13 | |
| DDI | e 17 05 36 | | BOM | eP 00 34 26 | | |
| NDI | eP 17 05 45 RN | | e | 35 18 | | |
| 30 | CHA | iP 17 25 35 R | M | 57 - | | |
| 30 | SHL | iP 17 34 29 C | 31 | NDI | eP 00 57 11 C | |
| CHA | e 17 34 33 | | | | | |

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| DATE | STN | PHASE | H. | M. | S. | REMARKS |
|------|-----|-------|----|----|----|---------|
| 31 | NDI | eP | 01 | 06 | 54 | CNW |
| 31 | NDI | eP | 04 | 00 | 06 | C |
| 31 | NDI | eP | 04 | 02 | 52 | |
| | | e | | 03 | 43 | |
| 31 | NDI | iP | 04 | 04 | 31 | RSE |
| 31 | SHL | iP | 04 | 32 | 40 | C |
| | DDI | e | 04 | 32 | 42 | |
| 31 | NDI | eP | 04 | 32 | 50 | R |
| 31 | NDI | eP | 04 | 58 | 45 | R |
| 31 | DDI | i | 06 | 21 | 25 | |
| | | i | | 28 | 28 | |
| 31 | SHL | iP | 07 | 53 | 53 | CNW |
| | TOC | e | 07 | 53 | 57 | |
| | | i | | 54 | 20 | |
| | CHA | iP | 07 | 54 | 54 | R 710 |
| | | iS | | 56 | 08 | |
| 31 | NDI | eP | 07 | 59 | 30 | |
| 31 | NDI | eP | 09 | 15 | 07 | R |
| 31 | DDI | e? | 09 | 25 | 46 | |
| | BOM | e | 09 | 28 | 07 | |
| | | e | | 35 | 05 | |
| | | e | | 39 | 04 | |
| | | e | | 42 | 40 | |
| | | M | 10 | 03 | - | |

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|------|-----|-------|----|----|----|---------|
| 31 | NDI | eP | 11 | 16 | 13 | |
| 31 | NDI | eP | 12 | 05 | 49 | |
| | | e | | 06 | 19 | |
| 31 | NDI | iP | 12 | 08 | 05 | CSE 950 |
| | | iS | | 09 | 42 | |
| 31 | DDI | e | 12 | 16 | 02 | |
| 31 | NDI | eP | 13 | 24 | 52 | |
| 31 | NDI | eP | 15 | 39 | 47 | C |
| 31 | SHL | iP | 18 | 49 | 56 | C |
| 31 | NDI | eP | 18 | 50 | 07 | |
| 31 | NDI | eP | 20 | 20 | 35 | |
| 31 | NDI | iP | 21 | 16 | 34 | R |
| 31 | NDI | eP | 21 | 47 | 08 | |
| | NDI | iP | 22 | 48 | 41 | |
| 31 | SHL | iP | 23 | 49 | 18 | C |
| 31 | NDI | iP | 23 | 49 | 28 | |
| 31 | NDI | iP | 00 | 13 | 43 | R |

Non-Instrumental Earthquake Report.

The following is the earthquake that was reported by voluntary observer during the month of March, 1964.

| Station | Date in GMT | Time in GMT h. m. | No. of shocks | Duration in secs. | Intensity in R.F. Scale. | Remarks. |
|---------|-------------|-------------------|---------------|-------------------|--------------------------|----------|
| Nellore | 1.3.'64 | 08 30 | I | 3 | IV | - |

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Date Hour K Mean Mean Date Hour K Mean Mean
GMT amplitude period GMT amplitude period
in m.m. in sec. in m.m. in sec.

| Station: Shillong. | | | | | March, 1964. | | | | |
|--------------------|----|-----|-----|-----|--------------|----|-----|-----|-----|
| 01 | 00 | 3 | 0.4 | 5.0 | 12 | 00 | 3 | 0.4 | 4.0 |
| | 06 | 3 | 0.4 | 5.0 | | 06 | 3 | 0.4 | 4.2 |
| | 12 | 3 | 0.4 | 4.8 | | 12 | 3 | 0.4 | 4.2 |
| | 18 | 3 | 0.4 | 5.2 | | 18 | 3 | 0.4 | 4.2 |
| 02 | 00 | 3 | 0.4 | 4.8 | 13 | 00 | 3 | 0.4 | 4.0 |
| | 06 | 3 | 0.4 | 4.6 | | 06 | 3 | 0.4 | 4.2 |
| | 12 | 3 | 0.4 | 4.6 | | 12 | 3 | 0.4 | 4.4 |
| | 18 | 3 | 0.4 | 4.4 | | 18 | 3 | 0.4 | 4.4 |
| 03 | 00 | 3 | 0.4 | 4.4 | 14 | 00 | 3 | 0.4 | 4.4 |
| | 06 | 3 | 0.4 | 4.2 | | 06 | ... | - | - |
| | 12 | 3 | 0.4 | 4.0 | | 12 | ... | - | - |
| | 18 | 3 | 0.4 | 4.0 | | 18 | ... | - | - |
| 04 | 00 | 3 | 0.4 | 4.2 | 15 | 00 | ... | - | - |
| | 06 | 3 | 0.3 | 4.4 | | 06 | 2 | 0.4 | 5.6 |
| | 12 | 3 | 0.3 | 4.2 | | 12 | 2 | 0.4 | 5.8 |
| | 18 | 3 | 0.3 | 4.4 | | 18 | 2 | 0.4 | 5.8 |
| 05 | 00 | 3 | 0.4 | 4.6 | 16 | 00 | ... | - | - |
| | 06 | 3 | 0.3 | 4.0 | | 06 | 3 | 0.4 | 5.4 |
| | 12 | 3 | 0.3 | 3.8 | | 12 | 3 | 0.4 | 5.2 |
| | 18 | 3 | 0.3 | 4.0 | | 18 | 3 | 0.4 | 5.0 |
| 06 | 00 | 3 | 0.3 | 4.0 | 17 | 00 | 3 | 0.4 | 5.0 |
| | 06 | 3 | 0.4 | 4.2 | | 06 | 3 | 0.4 | 4.8 |
| | 12 | 3 | 0.4 | 4.2 | | 12 | ... | - | - |
| | 18 | 3 | 0.4 | 4.4 | | 18 | 3 | 0.4 | 5.2 |
| 07 | 00 | 3 | 0.4 | 4.6 | 18 | 00 | 3 | 0.4 | 5.2 |
| | 06 | 3 | 0.4 | 4.8 | | 06 | 3 | 0.4 | 5.0 |
| | 12 | 3 | 0.4 | 4.4 | | 12 | 3 | 0.4 | 5.0 |
| | 18 | 3 | 0.4 | 4.2 | | 18 | 3 | 0.4 | 4.8 |
| 08 | 00 | 3 | 0.4 | 4.2 | 19 | 00 | 3 | 0.4 | 4.6 |
| | 06 | 3 | 0.3 | 4.6 | | 06 | 3 | 0.4 | 4.8 |
| | 12 | ... | - | - | | 12 | 3 | 0.4 | 4.8 |
| | 18 | ... | - | - | | 18 | 3 | 0.4 | 4.6 |
| 09 | 00 | ... | - | - | 20 | 00 | 3 | 0.4 | 4.6 |
| | 06 | 2 | 0.4 | 4.0 | | 06 | 3 | 0.4 | 4.6 |
| | 12 | 2 | 0.4 | 4.0 | | 12 | 3 | 0.4 | 4.4 |
| | 18 | 2 | 0.4 | 3.8 | | 18 | 3 | 0.4 | 4.6 |
| 10 | 00 | 2 | 0.4 | 4.0 | 21 | 00 | 3 | 0.4 | 4.6 |
| | 06 | 2 | 0.4 | 4.2 | | 06 | 3 | 0.3 | 4.4 |
| | 12 | 2 | 0.4 | 4.0 | | 12 | 3 | 0.3 | 4.2 |
| | 18 | 1 | 0.4 | 4.0 | | 18 | 3 | 0.4 | 4.4 |
| 11 | 00 | 1 | 0.4 | 4.0 | 22 | 00 | 3 | 0.4 | 4.2 |
| | 06 | 1 | 0.4 | 4.0 | | 06 | 3 | 0.4 | 4.4 |
| | 12 | 1 | 0.4 | 4.0 | | 12 | 3 | 0.4 | 4.4 |
| | 18 | 1 | 0.4 | 4.0 | | 18 | 3 | 0.4 | 4.6 |

| Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. |
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|

Station: Shillong(Contd.)

March, 1964.

| | | | | | | | | | |
|----|----|-----|-----|-----|----|-----|------------|-----|-----|
| 23 | 00 | 3 | 0.4 | 4.6 | 12 | 2 | 0.4 | 5.4 | |
| | 06 | 1 | 0.4 | 4.2 | | 3 | 0.1 | 2.3 | |
| | 12 | 1 | 0.4 | 4.4 | 18 | 2 | 0.4 | 5.3 | |
| | 18 | 1 | 0.4 | 4.6 | | 3 | 0.1 | 2.3 | |
| 24 | 00 | 1 | 0.4 | 4.4 | 03 | 00 | 2 | 0.3 | 5.3 |
| | 06 | 1 | 0.4 | 4.4 | | 3 | 0.1 | 2.2 | |
| | 12 | 1 | 0.4 | 4.2 | 03 | 2 | 0.4 | 5.2 | |
| | 18 | 1 | 0.4 | 4.2 | | 3 | 0.2 | 2.4 | |
| | | | | | 06 | 2 | 0.3 | 5.0 | |
| 25 | 00 | 1 | 0.4 | 4.4 | | 3 | 0.1 | 2.2 | |
| | 06 | 1 | 0.4 | 4.0 | 12 | 2 | 0.4 | 5.5 | |
| | 12 | 1 | 0.4 | 4.0 | | 3 | 0.1 | 1.9 | |
| | 18 | 1 | 0.4 | 4.0 | 18 | 2 | 0.4 | 5.3 | |
| | | | | | | 3 | 0.2 | 2.4 | |
| 26 | 00 | 1 | 0.4 | 4.2 | 04 | 00 | 2 | 0.4 | 5.3 |
| | 06 | 3 | 0.4 | 4.2 | | 3 | 0.1 | 2.0 | |
| | 12 | 3 | 0.4 | 4.0 | 03 | 2 | 0.4 | 5.3 | |
| | 18 | 3 | 0.4 | 4.0 | | 3 | 0.1 | 1.7 | |
| 27 | 00 | 3 | 0.4 | 4.2 | 06 | 2 | 0.3 | 5.3 | |
| | 06 | 1 | 0.4 | 4.4 | | 3 | 0.1 | 1.8 | |
| | 12 | 1 | 0.4 | 4.4 | 12 | 2 | 0.3 | 5.1 | |
| | 18 | 1 | 0.4 | 4.8 | | 3 | 0.1 | 1.7 | |
| 28 | 00 | 1 | 0.4 | 4.8 | 18 | 2 | 0.3 | 5.0 | |
| | 06 | ... | - | - | | 3 | 0.1 | 1.7 | |
| | 12 | ... | - | - | 05 | 00 | 2 | 0.3 | 5.1 |
| | 18 | 1 | 0.4 | 4.8 | | 3 | 0.1 | 1.8 | |
| 29 | 00 | 1 | 0.4 | 5.0 | 03 | ... | No record. | | |
| | 06 | 3 | 0.4 | 4.8 | 06 | 2 | 0.3 | 4.7 | |
| | 12 | 3 | 0.4 | 4.8 | | 3 | 0.1 | 2.1 | |
| | 18 | 3 | 0.4 | 5.0 | 12 | 2 | 0.3 | 4.4 | |
| | | | | | | 3 | 0.1 | 2.4 | |
| 30 | 00 | 3 | 0.4 | 5.0 | 18 | 2 | 0.3 | 4.5 | |

Station: Madras.

| | | | | |
|----|----|-----|------------|-----|
| 01 | 00 | ... | No record. | |
| | 03 | ... | No record. | |
| | 06 | ... | No record. | |
| | 12 | 2 | 0.6 | 6.1 |
| | | 3 | 0.2 | 2.6 |
| | 18 | 2 | 0.5 | 5.9 |
| | | 3 | 0.2 | 2.6 |
| 02 | 00 | 2 | 0.5 | 5.9 |
| | | 3 | 0.2 | 2.5 |
| | 03 | 2 | 0.5 | 5.7 |
| | | 3 | 0.2 | 2.5 |
| | 06 | 2 | 0.4 | 5.6 |
| | | 3 | 0.1 | 2.3 |

| | | | | |
|----|----|---|-----|-----|
| 06 | 00 | 2 | 0.3 | 4.5 |
| | 03 | 2 | 0.2 | 4.9 |
| | 06 | 3 | 0.1 | 1.7 |
| | 12 | 2 | 0.3 | 4.5 |
| | 18 | 2 | 0.3 | 4.7 |
| | | 2 | 0.3 | 4.5 |
| 07 | 00 | 2 | 0.3 | 4.7 |
| | 03 | 2 | 0.2 | 4.6 |
| | | 3 | 0.1 | 1.5 |
| | 06 | 2 | 0.2 | 4.7 |
| | 12 | 2 | 0.2 | 4.4 |
| | 18 | 2 | 0.3 | 4.7 |
| 08 | 00 | 2 | 0.3 | 4.7 |
| | 03 | 2 | 0.3 | 4.7 |
| | 06 | 2 | 0.3 | 4.7 |
| | 12 | 2 | 0.4 | 5.0 |
| | 18 | 2 | 0.4 | 4.9 |

| Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. |
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|

Station: Madras(Contd.)

March, 1964.

| | | | | | | | | | | |
|----|----|---|-----|-----|--|----|----|-----|-----|-----|
| 09 | 00 | 2 | 0.4 | 4.9 | | | | | | |
| | 03 | 2 | 0.5 | 4.9 | | 03 | 2 | 0.3 | 4.7 | |
| | 06 | 2 | 0.4 | 5.0 | | | 3 | 0.1 | 2.2 | |
| | 12 | 2 | 0.4 | 5.3 | | 06 | 2 | 0.4 | 5.0 | |
| | 18 | 2 | 0.4 | 5.2 | | | 3 | 0.1 | 2.1 | |
| | | 2 | 0.4 | 4.3 | | 12 | 2 | 0.4 | 5.5 | |
| | | 3 | 0.1 | 1.4 | | 18 | 1 | 0.5 | 5.9 | |
| 10 | 00 | 2 | 0.4 | 5.5 | | | | | | |
| | | 2 | 0.4 | 4.5 | | 14 | 00 | 1 | 0.7 | 6.3 |
| | | 3 | 0.1 | 1.5 | | | 03 | 1 | 0.7 | 6.5 |
| | 03 | 2 | 0.4 | 5.4 | | | 06 | 1 | 0.7 | 6.5 |
| | | 2 | 0.4 | 4.5 | | | 12 | 1 | 0.8 | 6.5 |
| | | 3 | 0.1 | 2.3 | | | 18 | 1 | 0.9 | 6.5 |
| | 06 | 2 | 0.3 | 5.4 | | 15 | 00 | 1 | 1.1 | 6.8 |
| | | 2 | 0.3 | 4.4 | | | 03 | 1 | 1.0 | 6.6 |
| | | 3 | 0.2 | 2.4 | | | 06 | 1 | 1.0 | 6.7 |
| | 12 | 2 | 0.3 | 5.3 | | | 12 | 1 | 1.0 | 6.7 |
| | | 2 | 0.3 | 4.5 | | | 18 | 1 | 0.8 | 6.5 |
| | | 3 | 0.2 | 2.5 | | 16 | 00 | 1 | 0.7 | 6.4 |
| | 18 | 2 | 0.4 | 4.7 | | | 03 | 1 | 0.6 | 6.2 |
| | | 2 | 0.2 | 2.6 | | | 06 | 1 | 0.5 | 5.9 |
| | | 3 | 0.1 | 1.5 | | | 12 | 1 | 0.6 | 5.9 |
| | | | | | | | 18 | 1 | 0.5 | 6.0 |
| 11 | 00 | 2 | 0.3 | 4.8 | | 17 | 00 | 2 | 0.6 | 6.3 |
| | | 2 | 0.2 | 2.7 | | | 03 | 2 | 0.6 | 6.0 |
| | | 3 | 0.1 | 1.6 | | | 06 | 2 | 0.6 | 6.1 |
| | 03 | 2 | 0.3 | 4.8 | | | | 3 | 0.1 | 1.4 |
| | | 2 | 0.2 | 2.7 | | | 12 | 2 | 0.5 | 6.1 |
| | | 3 | 0.1 | 1.8 | | | | 3 | 0.1 | 1.5 |
| | 06 | 2 | 0.3 | 4.7 | | | 18 | 2 | 0.5 | 6.0 |
| | | 2 | 0.2 | 2.7 | | | | 3 | 0.1 | 1.5 |
| | | 3 | 0.1 | 1.5 | | 18 | 00 | 2 | 0.5 | 6.1 |
| | 12 | 2 | 0.4 | 4.8 | | | | 3 | 0.1 | 1.6 |
| | | 3 | 0.2 | 2.6 | | | 03 | 2 | 0.5 | 6.0 |
| | | | | | | | 06 | 2 | 0.5 | 6.0 |
| | 18 | 2 | 0.4 | 5.0 | | | 12 | 2 | 0.5 | 6.2 |
| | | 3 | 0.2 | 2.3 | | | 18 | 2 | 0.4 | 6.2 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| 12 | 00 | 2 | 0.4 | 4.9 | | 19 | 00 | 2 | 0.5 | 6.2 |
| | | 3 | 0.1 | 1.8 | | | | 3 | 0.1 | 1.4 |
| | 03 | 2 | 0.3 | 4.7 | | | 03 | 2 | 0.4 | 6.1 |
| | | 3 | 0.1 | 1.8 | | | | 3 | 0.1 | 1.4 |
| | 06 | 2 | 0.3 | 4.7 | | | 06 | 3 | 0.5 | 5.9 |
| | | 3 | 0.1 | 2.0 | | | | 3 | 0.1 | 1.4 |
| | 12 | 2 | 0.3 | 4.6 | | | 12 | 3 | 0.4 | 5.9 |
| | | 3 | 0.1 | 1.9 | | | | 3 | 0.1 | 1.6 |
| | 18 | 2 | 0.3 | 4.6 | | | 18 | 3 | 0.4 | 5.8 |
| | | 3 | 0.1 | 1.7 | | | | 3 | 0.1 | 1.7 |
| 13 | 00 | 2 | 0.3 | 4.8 | | 20 | 00 | 3 | 0.4 | 5.7 |
| | | 3 | 0.2 | 2.3 | | | | 3 | 0.2 | 1.9 |



| Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. |
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|

| Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in m.m. | Mean period in sec. |
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|
|------|----------|---|------------------------|---------------------|------|----------|---|------------------------|---------------------|

Station: Bombay(Colaba).

March, 1964.

| | | | | | | | | | |
|----|----|---|-----|-----|----|----|---|-----|-----|
| 12 | 00 | 3 | 0.4 | 2.6 | 18 | 00 | 3 | 0.5 | 6.5 |
| | | | 0.5 | 5.0 | | | | 0.2 | 1.8 |
| | 06 | 3 | 0.4 | 2.4 | | 06 | 3 | 0.2 | 2.0 |
| | | | 0.5 | 5.8 | | | | 0.5 | 6.0 |
| | 12 | 3 | 0.5 | 5.0 | | 12 | 3 | 0.5 | 6.0 |
| | | | 0.3 | 2.5 | | | | 0.2 | 1.9 |
| | 18 | 3 | 0.6 | 5.0 | | 18 | 3 | 0.5 | 6.6 |
| | | | 0.4 | 1.5 | | | | 0.3 | 1.8 |
| 13 | 00 | 3 | 0.4 | 2.5 | 19 | 00 | 3 | 0.4 | 2.0 |
| | | | 0.5 | 5.0 | | | | 0.5 | 6.0 |
| | 06 | 3 | 0.3 | 2.6 | | 06 | 3 | 0.3 | 2.1 |
| | | | 0.5 | 5.6 | | | | 0.5 | 5.8 |
| | 12 | 3 | 0.3 | 1.2 | | 12 | 3 | 0.2 | 1.5 |
| | | | 0.5 | 5.0 | | | | 0.5 | 6.0 |
| | | | 0.5 | 6.0 | | 18 | 3 | 0.3 | 1.5 |
| | 18 | 3 | 0.3 | 1.5 | | | | 0.4 | 2.0 |
| | | | 0.6 | 6.0 | | | | 0.5 | 5.0 |
| 14 | 00 | 3 | 0.6 | 6.3 | 20 | 00 | 3 | 0.4 | 2.2 |
| | | | 0.3 | 1.5 | | | | 0.5 | 5.8 |
| | | | 0.5 | 5.0 | | 03 | . | - | - |
| | 03 | . | - | - | | 06 | 1 | 0.4 | 2.2 |
| | 06 | 1 | 0.7 | 6.5 | | 09 | 1 | 0.4 | 2.4 |
| | 09 | 1 | 0.9 | 6.5 | | 12 | 1 | 0.4 | 2.3 |
| | 12 | 1 | 1.0 | 6.5 | | 15 | 1 | 0.4 | 2.2 |
| | 15 | 1 | 0.9 | 6.5 | | 18 | 1 | 0.4 | 2.0 |
| | 18 | 1 | 0.9 | 6.7 | | 21 | 1 | 0.3 | 2.0 |
| | 21 | 1 | 0.9 | 6.5 | | | | | |
| 15 | 00 | 1 | 0.5 | 6.8 | 21 | 00 | 1 | 0.4 | 2.0 |
| | 03 | 1 | 1.0 | 6.5 | | 03 | 1 | 0.5 | 2.0 |
| | 06 | 1 | 1.0 | 6.7 | | 06 | 1 | 0.5 | 2.3 |
| | 09 | 1 | 1.0 | 6.8 | | 09 | 1 | 0.4 | 2.3 |
| | 12 | 3 | 0.9 | 6.7 | | 12 | 1 | 0.4 | 2.5 |
| | | | 0.2 | 1.2 | | 15 | 1 | 0.4 | 2.4 |
| | 18 | 3 | 0.3 | 1.5 | | 18 | 1 | 0.4 | 2.5 |
| | | | 0.7 | 6.2 | | 21 | 1 | 0.3 | 2.3 |
| 16 | 00 | . | - | - | 22 | 00 | 1 | 0.3 | 2.0 |
| | 06 | 3 | 0.2 | 1.8 | | 06 | 3 | 0.3 | 2.2 |
| | | | 0.7 | 5.9 | | | | 0.4 | 5.6 |
| | 12 | 3 | 0.7 | 6.0 | | 12 | 3 | 0.4 | 5.5 |
| | | | 0.2 | 1.5 | | | | 0.3 | 2.0 |
| | 18 | 3 | 0.4 | 1.2 | | 18 | 3 | 0.3 | 1.8 |
| | | | 0.6 | 6.6 | | | | 0.4 | 6.0 |
| 17 | 00 | 3 | 0.4 | 1.5 | 23 | 00 | 3 | 0.4 | 2.0 |
| | | | 0.5 | 6.7 | | | | 0.5 | 5.3 |
| | 06 | 3 | 0.5 | 2.2 | | 06 | . | - | - |
| | | | 0.5 | 6.5 | | 12 | 3 | 0.5 | 1.8 |
| | 12 | 3 | 0.5 | 2.1 | | | | 0.5 | 6.0 |
| | | | 0.5 | 5.8 | | 18 | 3 | 0.5 | 2.0 |
| | 18 | 3 | 0.4 | 2.0 | | | | 0.5 | 5.0 |
| | | | 0.6 | 6.0 | | | | 0.5 | 5.0 |
| | | | | | 24 | 00 | 3 | 0.6 | 2.1 |
| | | | | | | | | 0.6 | 5.0 |

Station: Bombay(Colaba)(Contd.).

March, 1964.

| | | | | | | | | | |
|----|----|---|-----|-----|--|--|--|--|--|
| 24 | 06 | 3 | 0.6 | 2.5 | | | | | |
| | | | 0.5 | 5.7 | | | | | |
| | 12 | 3 | 0.6 | 2.3 | | | | | |
| | | | 0.5 | 5.0 | | | | | |
| | 18 | 1 | 0.6 | 2.3 | | | | | |
| | 21 | 1 | 0.6 | 2.4 | | | | | |
| 25 | 00 | 1 | 0.6 | 2.5 | | | | | |
| | 03 | 1 | 0.6 | 2.5 | | | | | |
| | 06 | 1 | 0.6 | 2.5 | | | | | |
| | 09 | 1 | 0.5 | 2.6 | | | | | |
| | 12 | 1 | 0.5 | 2.5 | | | | | |
| | 15 | 1 | 0.4 | 2.5 | | | | | |
| | 18 | 3 | 0.5 | 2.4 | | | | | |
| | | | 0.4 | 5.0 | | | | | |
| 26 | 00 | 3 | 0.5 | 5.0 | | | | | |
| | | | 0.5 | 2.5 | | | | | |
| | 06 | 3 | 0.5 | 2.5 | | | | | |
| | | | 0.5 | 5.5 | | | | | |
| | 12 | 3 | 0.5 | 1.5 | | | | | |
| | | | 0.5 | 6.0 | | | | | |
| | | | 0.5 | 5.0 | | | | | |
| | 18 | 3 | 0.5 | 1.5 | | | | | |
| | | | 0.5 | 7.0 | | | | | |
| 27 | 00 | 3 | 0.5 | 7.2 | | | | | |
| | | | 0.4 | 1.2 | | | | | |
| | 06 | 3 | 0.5 | 6.9 | | | | | |
| | | | 0.5 | 1.5 | | | | | |
| | 12 | 3 | 0.5 | 7.0 | | | | | |
| | | | 0.5 | 1.5 | | | | | |
| | 18 | 3 | 0.5 | 1.5 | | | | | |
| | | | 0.5 | 6.1 | | | | | |
| 28 | 00 | 3 | 0.5 | 1.8 | | | | | |
| | | | 0.5 | 5.7 | | | | | |
| | 06 | . | - | - | | | | | |
| | 12 | . | - | - | | | | | |
| | 18 | 3 | 0.5 | 2.0 | | | | | |
| | | | 0.6 | 6.0 | | | | | |
| 29 | 00 | 3 | 0.5 | 2.0 | | | | | |
| | | | 0.5 | 6.2 | | | | | |
| | 06 | 1 | 0.5 | 2.3 | | | | | |
| | 12 | 3 | 0.5 | 1.6 | | | | | |
| | | | 0.5 | 6.8 | | | | | |
| | 15 | 1 | 0.5 | 1.9 | | | | | |
| | 18 | . | - | - | | | | | |
| | 21 | 1 | 0.5 | 2.0 | | | | | |
| 30 | 00 | 3 | 0.4 | 2.0 | | | | | |
| | | | 0.5 | 5.9 | | | | | |
| | 06 | 3 | 0.3 | 2.0 | | | | | |
| | | | 0.4 | 5.9 | | | | | |
| | 12 | 1 | 0.4 | 2.0 | | | | | |

| Date | Hour GMT | K | Mean amplitude in micron | Mean period in sec. |
|------|----------|---|--------------------------|---------------------|
|------|----------|---|--------------------------|---------------------|

Station: Port Blair.

| | | | | |
|----|----|-----|-----|---|
| 01 | 00 | ... | - | - |
| | 06 | ... | - | - |
| | 12 | 3 | 0.2 | 6 |
| | 18 | 3 | 0.2 | 6 |
| 02 | 00 | 3 | 0.2 | 7 |
| | 06 | 1 | 0.2 | 6 |
| | 12 | 1 | 0.2 | 6 |
| | 18 | 1 | 0.2 | 6 |
| 03 | 00 | 1 | 0.2 | 6 |
| | 06 | 1 | 0.2 | 6 |
| | 12 | 1 | 0.2 | 6 |
| | 18 | 1 | 0.2 | 6 |
| 04 | 00 | ... | - | - |
| | 06 | 1 | 0.2 | 6 |
| | 12 | 1 | 0.2 | 6 |
| | 18 | 1 | 0.2 | 6 |
| 05 | 00 | 1 | 0.2 | 6 |
| | 06 | 1 | 0.2 | 6 |
| | 12 | 1 | 0.4 | 7 |
| | 18 | 1 | 0.4 | 7 |
| 06 | 00 | 1 | 0.4 | 7 |
| | 06 | 1 | 0.4 | 7 |
| | 12 | 1 | 0.4 | 7 |
| | 18 | 1 | 0.4 | 7 |
| 07 | 00 | 1 | 0.2 | 7 |
| | 06 | 1 | 0.4 | 7 |
| | 12 | 1 | 0.4 | 7 |
| | 18 | 1 | 0.4 | 7 |

| Date | Hour GMT | K | Mean amplitude in micron | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in micron | Mean period in sec. |
|------|----------|---|--------------------------|---------------------|------|----------|---|--------------------------|---------------------|
|------|----------|---|--------------------------|---------------------|------|----------|---|--------------------------|---------------------|

Station: Port Blair (Contd.)

March, 1964.

| | | | | | | | | | |
|----|----|-----|-----|---|----|----|-----|-----|---|
| 08 | 00 | ... | - | - | 17 | 00 | 1 | 0.4 | 7 |
| | 06 | ... | - | - | | 06 | 1 | 0.4 | 7 |
| | 12 | 1 | 0.2 | 3 | | 12 | 1 | 0.4 | 7 |
| | 18 | 3 | 0.2 | 3 | | 18 | 1 | 0.4 | 7 |
| 09 | 00 | 3 | 0.2 | 3 | 18 | 00 | 1 | 0.8 | 7 |
| | | | 0.2 | 5 | | 06 | 1 | 0.8 | 7 |
| | 06 | 3 | 0.2 | 3 | | 12 | 1 | 0.4 | 7 |
| | | | 0.2 | 5 | | 18 | 1 | 0.8 | 7 |
| | 12 | 3 | 0.2 | 5 | 19 | 00 | ... | - | - |
| | 18 | 3 | 0.2 | 7 | | 06 | 1 | 0.8 | 7 |
| 10 | 00 | 3 | 0.2 | 7 | | 12 | 1 | 0.8 | 7 |
| | 06 | 3 | 0.2 | 5 | | 18 | 1 | 0.4 | 7 |
| | | | 0.4 | 7 | 20 | 00 | 1 | 0.4 | 6 |
| | 12 | 3 | 0.4 | 7 | | 06 | 1 | 0.4 | 6 |
| | 18 | 3 | 0.4 | 7 | | 12 | 1 | 0.4 | 6 |
| 11 | 00 | 3 | 0.4 | 7 | | 18 | 1 | 0.4 | 6 |
| | 06 | 3 | 0.4 | 7 | 21 | 00 | 1 | 0.4 | 6 |
| | 12 | 3 | 0.4 | 7 | | 06 | 1 | 0.4 | 6 |
| | 18 | 3 | 0.2 | 3 | | 12 | 1 | 0.4 | 6 |
| | | | 0.4 | 7 | | 18 | 1 | 0.4 | 6 |
| 12 | 00 | 3 | 0.4 | 3 | 22 | 00 | 1 | 0.4 | 6 |
| | | | 0.2 | 6 | | 06 | 1 | 0.4 | 7 |
| | 06 | 3 | 0.2 | 3 | | 12 | 1 | 0.4 | 6 |
| | | | 0.4 | 7 | | 18 | 1 | 0.4 | 7 |
| | 12 | 3 | 0.2 | 3 | 23 | 00 | 1 | 0.4 | 7 |
| | | | 0.2 | 7 | | 06 | 1 | 0.4 | 7 |
| | 18 | 3 | 0.8 | 3 | | 12 | 1 | 0.4 | 7 |
| 13 | 00 | 3 | 0.2 | 3 | | 18 | 1 | 0.4 | 7 |
| | | | 0.2 | 6 | 24 | 00 | 1 | 0.4 | 7 |
| | 06 | 3 | 0.2 | 3 | | 06 | 1 | 0.2 | 7 |
| | | | 0.2 | 6 | | 12 | 1 | 0.4 | 7 |
| | 12 | 3 | 0.2 | 3 | | 18 | ... | - | - |
| | | | 0.2 | 6 | 25 | 00 | ... | - | - |
| | 18 | 3 | 0.4 | 7 | | 06 | 1 | 0.4 | 7 |
| 14 | 00 | 3 | 0.4 | 7 | | 12 | 1 | 0.4 | 7 |
| | 06 | 1 | 0.4 | 6 | | 18 | 1 | 0.4 | 7 |
| | 12 | 1 | 0.8 | 6 | 26 | 00 | 1 | 0.8 | 7 |
| | 18 | 3 | 0.2 | 3 | | 06 | 1 | 0.4 | 7 |
| | | | 0.8 | 7 | | 12 | 3 | 0.4 | 7 |
| 15 | 00 | 1 | 1.2 | 7 | | | | 0.8 | 7 |
| | 06 | 1 | 1.2 | 7 | | 18 | 1 | 0.2 | 7 |
| | 12 | 1 | 1.2 | 7 | 27 | 00 | 3 | 0.4 | 7 |
| | 18 | 1 | 0.8 | 7 | | | | 0.8 | 6 |
| 16 | 00 | ... | - | - | | 06 | 3 | 0.4 | 3 |
| | 06 | 1 | 0.4 | 7 | | | | 0.4 | 7 |
| | 12 | 1 | 0.4 | 7 | | | | 0.4 | 3 |
| | 18 | 1 | 0.4 | 7 | | | | 0.4 | 7 |

International Seismological Centre

| Date | Hour GMT | K | Mean amplitude in micron | Mean period in sec. | Date | Hour GMT | K | Mean amplitude in micron | Mean period in sec. |
|------|----------|---|--------------------------|---------------------|------|----------|---|--------------------------|---------------------|
|------|----------|---|--------------------------|---------------------|------|----------|---|--------------------------|---------------------|

Station: Port Blair (Contd.)

March, 1964.

| | | | | | | | | | |
|----|----|-----|-----|---|----|----|-----|-----|---|
| 27 | 12 | 3 | 0.2 | 3 | 30 | 00 | 1 | 0.2 | 6 |
| | | | 0.8 | 7 | | 06 | 1 | 0.2 | 7 |
| | 18 | 3 | 0.2 | 3 | | 12 | 1 | 0.2 | 6 |
| | | | 0.8 | 7 | | 18 | 1 | 0.2 | 7 |
| 28 | 00 | 3 | 0.2 | 3 | 31 | 00 | 1 | 0.2 | 7 |
| | | | 0.8 | 7 | | 06 | ... | - | - |
| | 06 | ... | - | - | | 12 | ... | 0.2 | 5 |
| | 12 | ... | - | - | | 18 | 1 | 0.2 | 6 |
| | 18 | 1 | 0.4 | 7 | 29 | 00 | 1 | 0.4 | 7 |
| 29 | 00 | 1 | 0.4 | 7 | | 06 | 1 | 0.4 | 7 |
| | 06 | 1 | 0.4 | 7 | | 12 | 1 | 0.4 | 7 |
| | 12 | 1 | 0.4 | 7 | | 18 | 1 | 0.8 | 7 |
| | 18 | 1 | 0.8 | 7 | | | | | |