

Copia H.S.

UNIVERSIDAD NACIONAL DE MEXICO

Instituto de Geofisica Estación Central de Tacubaya Servicio Sismológico
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MES DE OCTUBRE DE 1957

Octbre. 1°
TACUBAYA:
I_d ✓ iPg 00h 00m 07s

I_d ✓ iPg 00h 21m 02s

Octbre. 1°
TACUBAYA:
II_d ✓ iPg 20h 52m 19s
iSg 52 21
M 52 26
C 52 46
F 53 11
Dist. 15 Kms.

I_d ✓ iPg 23h 34m 11s
iSg 34 12
Dist. 7.5 Kms.

I_d ✓ iPg 23h 34m 39s
iSg 34 40
Dist. 7.5 Kms.

I_d ✓ iPg 23h 34m 48s

I_d ✓ iPg 23h 35m 14s
iSg 35 15
Dist. 7.5 Kms.

I_d ✓ iPg 23h 35m 25s

I_d ✓ iPg 23h 50m 05s

Octbre. 2° - TACUBAYA:
I_d ✓ i 09h 19m 40s
i 19 42

Octbre. 2°
Frente a las Costas de Venezuela.
Sentido en Trinidad
H=12h 27m 57s
Mag. 6.5 (Tac)
U.S.C.G.S:
11°N 63°W

MERIDA:
II_r ✓ eP 12h 33m 47s
Dilatación -Z (claro)
eSR₁ 39 45
Dist. 3060 Kms. (P-H)

COMITAN:
I_r ✓ eP 12h 33m 56s
Desviación indefinida.
eP 34 00
eS 38 56
e 46 20
Dist. 3220 Kms.

VERACRUZ:
I_r ✓ eP 12h 34m 36s
Dilatación -Z(claro).
e 34 48
iS 40 04
e 44 15
e 50 00
M 53 30
Dist. 3690 Kms.

TACUBAYA:
I_r ✓ iP 12h 35m 02s
Dilatación -Z(claro).
i 35 09
eS 40 44
Dist. 4020 Kms.
PenNS: a=1mmTo=1seg. μ=0.33
PenEW: a=1.2mmTo=2seg. μ=0.66
SenEW: a=1mmTo=6seg. μ=7.59
PenZ: a=1.2mmTo=3seg. μ=5.74

PUEBLA:
I_r ✓ e 12h 35m 06s
Dist. 3910 Kms. (medida)

GUADAJAJARA:
I_r ✓ e(P) 12h 35m 40s
Dist. 4465 Kms. (medida)

CHIHUAHUA:
I_r ✓ eP 12h 35m 59s
Dilatación -Z(claro).
eP 36 02
eS 42 35
Dist. 4840 Kms.

Octbre. 2° - TACUBAYA:
I_d ✓ iPg 16h 58m 10s
I_d ✓ iPg 16h 58m 48s
I_d ✓ iPg 16h 59m 07s
I_d ✓ iPg 16h 59m 43s

Octbre. 2°
TACUBAYA:
I_v ✓ i 19h 01m 41s

Octbre. 2° - TACUBAYA:
I_d × iPg 22h 50m 06s
I_d × iPg 22h 50m 31s

I_d × iPg 22h 52m 01s

Octbre. 2° - TACUBAYA:
I_v ✓ i 23h 23m 16s
i 23 27

Octbre. 2°
Epicentro # 69
16°47'N 99°53'W
H=23h 41m 47s

TACUBAYA:
I_v ✓ iP 23h 42m 32s
i 43 03
iL 43 09
M 43 14
1/2a=9mmTo=1seg. μ=2.97 Ag=1.18
C 44 22
F 45 25
Dist. 307 Kms.

PUEBLA:
I_v × iL 23h 43m 09s
Dist. 307 Kms.

Octbre. 3° - TACUBAYA:
I_d ✓ iPg 01h 15m 25s
iSg 15 33
Dist. 60 Kms.

Octbre. 3°
Costas de Venezuela.
H=06h 39m 09s
U.S.C.G.S:
10 1/2° N 62 1/2° W

COMITAN:
I_r ✓ i(P) 06h 45m 28s
Dist. 3280 Kms. (medida)

TACUBAYA:
I_r ✓ eP 06h 46m 21s
Dilatación. Sólo en horizontal (dudosa)

✓ ePR₁ 06h 47m 48s
 e 48 26
 Dist. 4100 Kms.
 MERIDA:
 I_r ✓ i 06h 49m 09s
 i 0 50 35
 Dist. 3130 Kms. (medida)

Octbre. 3° - TACUBAYA:
 I_v ✓ e 11h 28m 00s
 i 28 02

Octbre. 3° - TACUBAYA:
 I_d ✓ iPg 11h 28m 16s
 iPg 28 18
 Dist. 15 Kms.

I_d ✓ iPg 19h 33m 32s
 iSg 33 38
 M 33 39

1/2a=3mmTo=0.5 seg. u=1.38 Ag=2.37
 C 33 54
 F 34 20
 Dist. 45 Kms.

I_d ✓ iPg 20h 27m 28s
 iSg 27 32
 Dist. 30 Kms.

I_d ✓ iPg 21h 21m 28s
 iSg 21 46
 Dist. 7.5 Kms.

II_d ✓ iPg 23h 23m 07s
 iSg 23 13
 M 23 16
 C 23 33
 F 23 52
 Dist. 22 Kms.

Octbre. 4° -
 MAZATLAN:
 I_? ✓ e 04h 46m 24s

MANZANILLO:
 I_? ✓ e 04h 48m 00s
 e 48 04

CHIHUAHUA:
 I_? ✓ e(P) 04h 48m 12s
 c 48 20
 i 50 35
 i 51 56

TACUBAYA:
 I_? ✓ c 04h 51m 11s
 e 51 19
 c 51 27
 e 51 29

COMITAN:
 I_? ✓ e 04h 55m 12s

Octbre. 4°
 Próximo costas de Venezuela.
 H=05h 26m 07s
 Mag. 6.5 (Tac)
 U.S.C.G.S:
 11°N 63°W
 h=60 Kms.

MERIDA:
 II_r ✓ iP 05h 32m 00s
 Dilatación Solo en horizontal EW (claro)
 i 32 33
 i 33 21
 iS 36 52
 iS 36 56
 iSR₁ 38 00
 i 42 30
 Dist. 3080 Kms.

COMITAN:
 III_r ✓ eP 05h 32m 10s
 Desviación indefinida.
 iS 37 02
 i 37 46
 M 44 48

1/2a=3.5mmTo=20 seg. u=381 Ag=3.81
 C 06 06 40
 F 16 00
 Dist. 3220 Kms.

TACUBAYA:
 II_r ✓ iP 05h 33m 10s
 Dilatación -Z (claro)
 iP 33 11
 eP 33 13
 i 33 26
 iPR₁ 34 38
 eS 38 50
 iS 38 53
 eS 38 55
 e 44 27
 c 46 16
 M 51 03

1/2a=1.5mmTo=20 seg. u=127 Ag=1.27
 C 59 11
 F 06 07 23
 Dist. 4020 Kms.

PenNS: a=1.3mmTo=2 seg. u=0.71
 PenEW: a=0.5mmTo=1 seg. u=0.17
 PR₁ enNS: a=2mmTo=1.5 seg. u=0.56
 SeñEW: a=2mmTo=5 seg. u=10

GUADALAJARA:
 I_r ✓ eP 05h 33m 50s
 Desviación indefinida
 e 43 30
 e 43 32
 e 49 40

eLr 05h 51m 00s
 Dist. 4480 Kms. (P-H)
 MANZANILLO:
 I_r ✓ iP 05h 33m 54s
 Desviación indefinida
 eS 40 08
 e 43 32
 e 52 20
 M 53 12
 1/2a=1mmTo=22seg. u=133.68 Ag=11
 C 06 06 00
 F ?
 Dist. 4550 Kms.

CHIHUAHUA:
 II_r ✓ eP 05h 34m 11s
 dilatación -Z (claro)
 iPR 35 55
 e¹ 36 53
 eS 40 49
 iS 40 50
 i 44 35
 e 47 20
 e 49 47
 eLr 52 54
 M 06 03 38

1/2a=1.6mmTo=24seg. u=97.2 Ag=68
 C 11 38
 F 34 08
 Dist. 4840 Kms.

OAXACA:
 I_r ✓ eS 05h 38m 10s
 e 43 24
 e 46 00
 Dist. 3700 Kms. (S-E)

MAZATLAN:
 I_r ✓ e 05h 53m 45s
 Dist. 4780 Kms. (medida)
 VERACRUZ:
 Registrado. Faltaron las marcas del tiempo.
 Dist. 3700 Kms. (medida)

Octbre. 4°
 Próximo Costas de Venezuela.
 U.S.C.G.S:
 11°N 62°W
 H=06h 05m 50s
 TACUBAYA:
 I_r ✓ eP 06h 12m 52s
 Desviación indefinida.
 eP 12 56
 e 13 49
 e 13 53
 Dist. 4080 Kms. (medida)

1957
 Octubre. 4° - TACUBAYA;
 I_d ✓ iPg 11h 48m 58s
 iSg 49 01
 Dist. 22 Kms.

II_d ✓ iPg 22h 29m 21s
 iSg 29 23
 M 29 28
 C 29 35
 F ?
 Dist. 15 Kms.

Octubre. 5° - TACUBAYA;
 I_d ✓ iPg 00h 03m 56s
 I_d ✓ iPg 00h 05m 09s

Octubre. 5°
 Epicentro # 61
 16°42'N 99°12'W
 H-11h 39m 19s

PUEBLA;
 I_v ✓ iP 11h 40m 01s
 i(S) 40 28
 Dist. 280 Kms. (P-H)

TACUBAYA;
 I_v ✓ iP 11h 40m 03s
 Desviación indefinida
 i 40 33
 iL 40 43
 M ?
 C 42 04
 F 44 57
 Dist. 322 Kms.

VERACRUZ;
 II_v ✓ iP 11h 40m 20s
 i 40 44
 iL 41 14
 i 41 28
 Dist. 431 Kms.

OAXACA;
 I_v ✓ eL 11h 40m 30s
 Dist. 264 Kms. (L-H)

GUADALAJARA;
 I_v ✓ eL 11h 42m 04s
 Dist. 612 Kms. (L-H)

COMITAN;
 I_v ✓ eL 11h 42m 41s
 Dist. 750 Kms. (P-H)

Octubre. 5° - TACUBAYA;
 I_d ✓ iPg 15h 05m 18s
 iSg 05 23
 Dist. 37 Kms.

I_d ✓ iPg 15h 41m 26s

Octubre. 5°
 Epicentro # 338
 16°37'N 99°27'W
 H-15h 57m 16s

PUEBLA;
 III_v ✓ eP 15h 57m 55s
 iL 58 30
 M 58 44
 C 59 20
 F 16 01 32
 Dist. 292 Kms.

TACUBAYA;
 II_v ✓ iP 15h 58m 03s
 Dilatación -Zd(claro)
 i 58 33
 iL 58 41
 iL 58 43
 M ?
 C 16 02 13
 F 05 10
 Dist. 329 Kms.

OAXACA;
 I_v ✓ i 15h 58m 05s
 iL 58 29
 Dist. 280 Kms. (P-H)

VERACRUZ;
 II_v ✓ eP 15h 58m 24s
 i 59 12
 iL 59 21
 iL 59 24
 M 59 30
 1/2a=4.7mmTo=4seg,u=41.7Δg=10.4
 C 16 01 00
 F 07 00
 Dist. 452 Kms.

MANZANILLO;
 I_v ✓ eL 16h 00m 00s
 Dist. 600 Kms. (L-H)

GUADALAJARA;
 I_v ✓ i 16h 00m 03s
 Dist. 620 Kms. (L-H)

MERIDA;
 I_r ✓ e 16h 00m 41s
 e 00 45
 Dist. 1140 Kms. (medida)

COMITAN;
 I_v ✓ eL 16h 00m 46s
 Dist. 780 Kms.

Octubre. 5° - TACUBAYA;
 I_d ✓ iPg 16h 07m 27s

I_d ✓ iPg 16h 08m 53s

I_d ✓ iPg 18h 06m 43s

I_d ✓ iPg 18h 06m 59s
 I_d ✓ iPg 18h 07m 49s

Octubre. 5
 H-19h 09m 46s

TACUBAYA;
 I_v ✓ iP 19h 10m 25s
 iL 10 56
 Dist. 264 Kms.

Octubre. 5
 H-20h 23m 12s
 TACUBAYA;
 I_v ✓ iP 20h 23m 54s
 iL 24 27
 M ?
 C 25 30
 F ?
 Dist. 278 Kms.

VERACRUZ;
 I_v ✓ e 20h 25m 06s

Octubre. 5 - TACUBAYA;
 I_d ✓ iPg 20h 26m 04s
 I_d ✓ iPg 20h 27m 09s

Octubre. 6
 Próximo a las Costas
 de Venezuela.
 H-00h 54m 07s
 U.S.C.G.S;
 11°N 62 1/2°W
 VERACRUZ;

I_r ✓ ePR₁ 01h 00m 38s
 Desviación indefinida.
 eS 04 52
 Dist. 3110 Kms.

TACUBAYA;
 I_r ✓ eP 01h 01m 14s
 Desviación indefinida.
 eP 01 16
 ePR₁ 02 30
 ePR₂ 02 55
 e 03 44
 Dist. 4020 Kms.

Octubre. 7 - TACUBAYA;
 I_v ✓ e 08h 00m 58s
 e 01 00

Octubre. 7 - TACUBAYA;
 I_d ✓ iPg 12h 42m 24s
 iSg 42 27
 Dist. 22 Kms.

II_d ✓ iPg 20h 58m 29s
 iSg 58 33
 M 58 36

1/2a=5.5mmTo=1seg,u=1.87Δg=7.49

1957

- 4 -

C 20h 58m 55s
 X F 59 23
 Dist. 22 Kms.

I_d iPg 21h 34m 49s
 Octubre. 8 - TACUBAYA:
 I_d X iPg 00h 06m 03s
 iSg 06 07
 Dist. 22 Kms.

Octubre. 8
 Epicentro # 37
 17°02'N 100°03'W
 H-05h 03m 24s

TACUBAYA:
 II_v iP 05h 04m 03s
 i 04 06
 iL 04 35
 M 04 51
 1/2a=37.5mmTo=1 seg. u=12.75 ag=51
 C 07 34
 F 10 38
 Dist. 271 Kms.

PUEBLA:
 I_v iP 05h 04m 04s
 e 04 28
 iL 04 36
 iL 04 38
 Dist. 285 Kms.

OAXACA:
 I_v i 05h 04m 19s
 i 04 26
 i 04 44
 Dist. 356 Kms. (medida)

VERACRUZ:
 I_v iP 05h 04m 32s
 i 04 44
 e 04 48
 iL 05 32
 M 05 15
 1/2a=2mmTo=3seg. u=20.6 ag=9.13
 C 06 42
 F 09 12
 Dist. 467 Kms.

GUADALAJARA:
 I_v i 05h 06m 00s
 Dist. 530 Kms.

COMITAN:
 I_v X eL 05h 07m 11s
 Dist. 840 Kms.

Octubre. 8 - TACUBAYA:
 I_v iP 06h 15m 42

Octubre. 8 - TACUBAYA:
 I_d X iPg 07h 13m 34s
 iSg 13 37

M ?
 X C 07h 14m 11s
 F 14 40
 Dist. 22 Kms.

Octubre. 8
 H-09h 07m 42s
 TACUBAYA:
 I_v iP 09h 08m 21s
 i 08 49
 iL 08 53
 M ?
 C 09 29
 F 10 58
 Dist. 271 Kms.

Octubre. 8 - TACUBAYA:
 I_d X iPg 17h 52m 28s
 I_d X iPg 17h 52m 33s
 I_d X iPg 17h 52m 44s
 I_d X iPg 20h 56m 52s
 iSg 56 57
 Dist. 37 Kms.

I_d X iPg 21h 30m 24s
 iSg 30 28
 Dist. 30 Kms.

Octubre. 8 - TACUBAYA:
 I_v X i 22h 35m 55s
 i 35 58

Octubre. 9 - TACUBAYA:
 I_d X iPg 00h 31m 24s
 iSg 31 28
 Dist. 30 Kms.

Octubre. 9 - TACUBAYA:
 I_v i 11h 35m 49s
 i 36 02

Octubre. 9 - TACUBAYA:
 I_v X i 12h 31m 49s
 i 31 53

Octubre. 9 - TACUBAYA:
 I_d X iPg 15h 21m 13s
 iSg 21 15
 Dist. 15 Kms.

I_d X iPg 15h 48m 45s
 iSg 48 55

Octubre. 9
 H-17h 33m 56s
 Inscripciones muy débiles.

TACUBAYA:
 I_v iP 17h 34m 41s
 iL 35 17

M 17h 35m 23s
 1/2a=10.5mmTo=1seg. u=3.46 ag=138
 C 36 28
 F 38 38
 Dist. 300 Kms.

PUEBLA:
 I_v e 17h 35m 04s

OAXACA:
 I_v e 17h 35m 06s

VERACRUZ:
 I_v i 17h 36s 14s

Octubre. 9 - TACUBAYA:
 I_d X iPg 21h 39m 52s
 iSg 39 57
 Dist. 37 Kms.

I_d X iPg 23h 53m 33s
 I_d X iPg 23h 54m 10s

Octubre. 10 - TACUBAYA:
 I_v X i 00h 04m 51s
 i 04 53

Octubre. 10
 H-05h 28m 21s
 Inscripciones muy débiles.

TACUBAYA:
 I_v iP 05h 29m 08s
 iL 29 47
 i 29 53
 i 29 55
 M 29 57
 1/2a=7.5mmTo=1seg. u=2.47 ag=9.88
 C 30 53
 F 32 38
 Dist. 322 Kms.

PUEBLA:
 I_v e 05h 29m 26s

VERACRUZ:
 I_v e 05h 30m 52s
 e 31 40

Octubre. 10 - TACUBAYA:
 I_d X iPg 13h 04m 25s
 iSg 04 30
 M ?
 C 04 50
 F 05 11
 Dist. 37 Kms.

I_d X iPg 15h 25m 19s
 iSg 25 24
 Dist. 37 Kms.

I_d X iPg 15h 51m 01s
 iSg 51 07
 Dist. 45 Kms.

1957
 Octubre. 10 - TACUBAYA:
 I_d iPg 15h 51m 46s
 I_d iPg 19h 30m 39s
 Octubre. 10 - TACUBAYA:
 I_v i 21h 28m 14s
 Octubre. 11 - TACUBAYA:
 I_v iL 00h 21m 48s
 M 21 53
 $1/2a=2mmTo=1.5seg.u=0.56g=0.995$
 C 22 28
 F 23 24
 Octubre. 11 - TACUBAYA:
 I_v i 01h 55m 57s
 Octubre. 11 - TACUBAYA:
 I_v o 08h 23m 24s
 e 24 04
 Octubre. 11 - TACUBAYA:
 I_v e 09h 48m 37s
 Octubre. 11 - TACUBAYA:
 I_v i 12h 07m 36s
 Octubre. 11 - TACUBAYA:
 I_d iPg 15h 20m 27s
 iSg 20 29
 Dist. 15 Kms.
 I_d iPg 16h 03m 07s
 iSg 03 11
 Dist. 30 Kms.
 I_d iPg 17h 59m 58s
 iSg 00 02
 Dist. 30 Kms.
 I_d iPg 18h 55m 43s
 iSg 55 48
 Dist. 37 Kms.
 II_d iPg 21h 05m 18s
 iSg 05 21
 M 05 25
 C 05 45
 F ?
 Dist. 22 Kms.
 I_d iPg 00h 26m 48s
 I_d iPg 00h 27m 48s
 I_d iPg 01h 08m 12s
 I_d iPg 01h 09m 26s
 I_d iPg 13h 59m 42s
 iSg 59 46
 Dist. 30 Kms.

I_d iPg 15h 24m 14s
 iSg 24 18
 Dist. 30 Kms.

Octubre. 12
 Próximo costa Sur de Java.
 U.S.C.G.S.
 H=18h 57m 02s
 TACUBAYA:

I_u iPKP 19h 16m 53s
 oPKP 16 58
 Desviaciones dudosas.
 e 22 51
 e 23 36.
 Dist. 161/40 Kms.(medida)

Octubre. 12 - TACUBAYA:
 I_d iPg 22h 56m 22s
 iSg 56 27
 Dist. 37 Kms.

I_d iPg 23h 03m 05s

Octubre. 13 - TACUBAYA:
 I_v i 06h 35m 11s
 i 35 17

Octubre. 13 - TACUBAYA:
 I_d iPg 12h 48m 50s

Octubre. 14
 Epicentro # 26
 16°32'N 99°43'W
 H=17h 39m 27s
 Mag. 5 (Tac)

TACUBAYA:
 III_v iP 17h 40m 13s
 Compresion +Z
 iP 40 15
 iL 40 53
 iL 40 55
 M 41 03
 $1/2a=20mmTo=4seg.u=55g=14$
 C 44 48
 F 52 26
 Dist. 329 Kms.

LenNS: a=24mmTo=1seg.u=7.91
 LenEW: a=24mmTo=1seg.u=8.15
 LenZ: a=13mmTo=3seg.u=57.5

PUEBLA:
 II_v iP 17h 40m 15s
 iL 40 55
 M 41 08
 C 42 25
 F ?
 Dist. 329 Kms.

OAXACA:
 I_v iL 17h 40m 53s
 Dist. 322 Kms.(L-H)

GUADALAJARA:
 I_v iP 17h 41m 08s
 iL 42 04
 M 42 16
 $1/2a=1.5mmTo=3seg.u=1.53g=68$
 C 44 16
 F ?
 Dist. 580 Kms.(L-H)

MANZANILLO:
 I_v iL 17h 41m 53s
 Dist. 540 Kms.(L-H)

COMITAN:
 I_v i 17h 43m 28s
 i 44 04
 Dist. 820 Kms.(medida)

CHIHUAHUA:
 (Tiempo dudoso)
 I_r i 17h 44m 03s
 i 44 08
 i 44 17
 i 44 20
 i 44 24
 i 44 30
 Dist. 1190 Kms.(medida)

MERIDA:
 I_r iS 17h 44m 09s
 i 44 16
 i 44 21
 Dist. 1165 Kms.(S-H)

Octubre. 14
 H=21h 42m 51s
 TACUBAYA:
 I_v iP 21h 43m 33s
 iL 44 07
 M 44 17
 $1/2a=4.5mmTo=1seg.u=1.53g=12$
 C 45 41
 F 47 13
 Dist. 285 Kms.

Octubre. 14 - TACUBAYA:
 I_d iPg 22h 15m 26s
 iSg 15 30
 Dist. 30 Kms.

Octubre. 15
 Próximo costa Sur de Costa Rica.
 H=04h 02m 08s
 U.S.C.G.S.
 9°N 84°W

1957

COMITAN:
I_r ✓ iP 04h 04m 52s
Probable compresión.
Dist. 1230 Kms. (P-H)

MERIDA:
I_r ✓ iP 04h 05m 14s
Desviación indefinida.
i 09 03
i 09 20
Dist. 1430 Kms. (P-H)

TACUBAYA:
I_r ✓ iP 04h 06m 24s
Desviación indefinida.
iPR₁ 06 42
iPR₂ 06 44
e 07 43
i 07 47
eS 09 45
eS 09 49
Dist. 2050 Kms.

OAXACA:
I_r ✓ e 04h 16m 17s
Dist. 1720 Kms.

Octbre. 15
Epicentro # 63
16°32'N 99°43'W
H=06h 38m 10s

PUEBLA:
I_v ✓ P 06h 38m 42s
Dist. 212 Kms. (P-H)

TACUBAYA:
II_v ✓ iP 06h 38m 43s
iL 39 08
M 39 29
1/2a=7.5mmTo=1seg, u=2.14g=3.73
C 40 57
F 45 35
Dist. 220 Kms.

OAXACA:
I_v ✓ iS 06h 39m 35s
Dist. 330 Kms. (S-H)

Octbre. 15
H=07h 44m 07s

TACUBAYA:
I_v ✓ iP 07h 44m 49s
iL 45 23
M 45 27
1/2a=5.5mmTo=1seg, u=1.87g=7.48
C 46 16
F 48 51
Dist. 285 Kms.

Octbre. 15 - TACUBAYA:
I_v ✓ e 10h 00m 46s

Octbre. 15
H=11h 56m 59s

TACUBAYA:
I_v ✓ iP 11h 57m 41s
i 58 10
iL 58 16
M 58 19
1/2a=5.5mmTo=1seg, u=1.87g=7.48
C 59 25
F 12 00 30
Dist. 292 Kms.

Octbre. 15 - TACUBAYA:
I_d ✓ iPg 16h 59m 54s
iSg 59 58
Dist. 30 Kms.

I_d ✓ iPg 20h 39m 34s
I_d ✓ iPg 20h 39m 58s
I_d ✓ iSg 40 02
Dist. 30 Kms.

I_d ✓ iPg 22h 33m 21s
I_d ✓ iSg 33 26
Dist. 37 Kms.

I_d ✓ iPg 23h 24m 41s
I_d ✓ iPg 23h 25m 10s
I_d ✓ iPg 23h 25m 29s
I_d ✓ iPg 23h 26m 00s

Octbre. 16 - TACUBAYA:
II_d ✓ iPg 18h 39m 18s
iSg 39 20
M 39 22
C 39 47
F 40 14
Dist. 15 Kms.

II_d ✓ iPg 22h 11m 10s
iSg 11 15
M 11 18
C 11 34
F 11 53
Dist. 37 Kms.

Octbre. 17
Sentido oscilatorio regular intensidad en Tehuantepec, Oax.
Epicentro probable # 28
16°27'N 95°26'W
H=10h 01m 37s

TACUBAYA:
I_v ✓ iP 10h 02m 51s
compresión SE (débil)
iS 03 48
Dist. 520 Kms.

Octbre. 17
Sentido leve en San Marcos, Guerrero.
H=16h 45m 15s

TACUBAYA:
I_v ✓ iP 16h 46m 06s
iL 46 48
M 46 58
1/2a=5.5mmTo=1seg, u=1.81g=7.26
C 47 56
F 48 38
Dist. 343 Kms.

VERACRUZ:
I_v ✓ e 16h 47m 24s
e 47 27

Octbre. 17
H=17h 37m 43s

TACUBAYA:
I_v ✓ iP 17h 38m 28s
i 39 03
iL 39 07
i 39 12
M 39 18
1/2a=6.5mmTo=1seg, u=2.14g=8.56
C 40 29
F 42 11
Dist. 322 Kms.

VERACRUZ:
I_v ✓ e 17h 39m 48s

Octbre. 17 - TACUBAYA:
I_d ✓ iPg 17h 52m 13s

Octbre. 17 - TACUBAYA:
I_v ✓ i 17h 53m 59s
iL 54 07
iL 54 09

Octbre. 17 - TACUBAYA:
I_d ✓ iPg 19h 07m 06s
iSg 07 09
Dist. 22 Kms.

I_d ✓ iPg 21h 03m 21s
iSg 03 23
Dist. 15 Kms.

Octbre. 18 - TACUBAYA:
I_v ✓ i 00h 51m 20s
i 51 28

1957
 Octubre. 18
 Sentido en San Marcos, Gro.
 TACUBAYA:
 I_v X i 04h 40m 28s

Octubre. 18
 Epicentro # 30
 16°24'N 93°05'W
 H=04h 52m 21s
 h=100 Kms.

I_v ✓ COMITAN:
 iP 04h 52m 37s
 iS 52 53
 Dist. 100 Kms.

VERACRUZ:
 I_v ✓ eP 04h 53m 17s
 eS 54 14
 e 55 40
 Dist. 420 Kms.

TACUBAYA:
 I_v ✓ eP 04h 53m 53s
 eS 55 16
 eS 55 18
 Dist. 730 Kms.

Octubre. 18 - TACUBAYA:
 I_d X iPg 11h 23m 16s
 I_d ✓ iPg 11h 23m 34s
 I_d X iPg 11h 49m 54s
 X iSg 49 59
 Dist. 37 Kms.

I_d X iPg 11h 36m 16s
 iSg 36 20
 Dist. 30 Kms.

I_d X iPg 17h 28m 09s

Octubre. 18 - TACUBAYA:
 I_v ✓ i 18h 52m 08s
 i 52 19

Octubre. 18 - TACUBAYA:
 I_d iPg 19h 08m 10s
 X iSg 08 13
 Dist. 22 Kms.

I_d iPg 19h 08m 35s

Octubre. 18
 Sentido en la región del Istmo de Tehuantepec
 Epicentro # 340
 17°50'N 95°14'W
 H=21h 44m 20s
 h=100-150 Kms.
 Mag. 5.4 (Tac)

VERACRUZ:
 II_v ✓ iP 21h 44m 45s
 iP 44 46
 Probable dilatación
 iS 45 15
 M 47 00
 1/2a=3.5mmTo=3seg.u=36.9Ag=16.4
 C 50 24
 F ?
 Dist. 190 Kms. (S-H)

OAXACA:
 II_v ✓ iP 21h 44m 49s
 Compresión NE (claro)
 iS 45 13
 M 45 16
 1/2a=3.5mmTo=3seg.u=37Ag=15.4
 C 46 07
 F ?
 Dist. 180 Kms.

TACUBAYA:
 II_v ✓ iP 21h 45m 20s
 Compresión al E (claro)
 i 45 53
 i 45 59
 iS 46 12
 iS 46 14
 i 46 28
 M 47 12
 1/2a=205mmTo=1seg.u=6.77Ag=27.1
 C 49 52
 F 52 26
 Dist. 450 Kms.
 SenEW;a=12mmTo=1seg.u=4.08

COMITAN:
 I_v ✓ i 21h 45m 27s
 iS 45 57
 iS 45 59
 M 46 25
 1/2a=1.5mmTo=3seg.u=15.8Ag=7.02
 C 47 23
 F ?
 Dist. 370 Kms.

PUEBLA:
 I_v ✓ iS 21h 45m 45s
 i 45 52
 i 45 58
 Dist. 340 Kms. (medida)

MERIDA:
 II_v ✓ iP 21h 45m 45s
 Desviación indefinida.
 iS 46 55
 M 47 09
 1/2a=1mmTo=3 seg.u=3.26Ag=1.45
 C 49 30

F ?
 Dist. 670 Kms. (P-H)

GUADALAJARA:
 I_v ✓ i 21h 49m 02s
 i 49 32
 Dist. 910 Kms. (medida)

MANZANILLO:
 I_v ✓ i 21h 49m 33s
 Dist. 970 Kms.

MAZATIAN:
 I_v e 21h 53m 40s
 Dist. 130 Kms. (medida)

Octubre. 18
 H=22h 56m 11s
 TACUBAYA:
 I_v ✓ iP 22h 57m 02s
 iL 57 47
 M 57 52
 1/2a=5.5mmTo=1.5seg.u=1.59Ag=28
 C 58 56
 F ?
 Dist. 365 Kms.

VERACRUZ:
 I_v i 22h 58m 22s

Octubre. 19 - TACUBAYA:
 I_v ✓ i 04h 44m 47s
 i 44 55
 iL 45 06
 M 45 24
 1/2a=2.5mmTo=1seg.u=0.825Ag=3.3
 C 45 50
 F 47 31

Octubre. 19
 Sentido en las costas de Guerrero.
 Epicentro # 178
 15°43'N 99°51'W
 H=06h 13m 49s
 Mag. 5.6 (Tac)

OAXACA:
 II_v ✓ iP 06h 14m 33s
 Desviación indefinida.
 iL 15 10
 iL 15 12
 M 15 28

1/2a=1mmTo=3seg.u=1056Ag=5.69
 C 16 42
 F ?
 Dist. 300 Kms.

TACUBAYA:
 II_v ✓ iP 06h 14m 47s
 Compresión +Z (claro)
 i 15 20

1957

i 06h 15m 20s
 iL 15 36
 iL 15 39
 iL 15 40
 M 15 50
 1/2a=30mmTo=1seg, u=9.9Ag=39.6
 C 19 15
 F 26 10
 Dist. 416 Kms.

LenNS: a=27mmTo=2seg, u=14.6
 LenEW: a=14mmTo=1seg, u=4.76

PUEBLA:
 I_v i 06h 11m 52s
 i 15 22
 iS 15 27
 Dist. 380 Kms. (medida)

VERACRUZ:
 II_v i 06h 15m 18s
 iL 16 06
 iL 16 08
 i 16 14
 M 16 24
 1/2a=3mmTo=4seg, u=26.6Ag=6.65
 C 21 36
 F ?
 Dist. 510 Kms. (L-H)

MERIDA:
 I_v e 06h 16m 47s
 e 20 47
 Dist. 1160 Kms. (medida)

GUADALAJARA:
 I_v i 06h 16m 51s
 i 17 09
 i 17 14
 i 18 00
 i 18 06
 Dist. 710 Kms.

COMITAN:
 I_v i 06h 17m 32s
 i 18 12
 i 18 43
 e 19 20
 Dist. 750 Kms. (medida)

Octbre. 19 - TACUBAYA:
 I_d iPg 10h 27m 51s
 iSg 27 55
 Dist. 30 Kms.

Octbre. 19
 Próximo Costas de Formosa
 algunos muertos en Hotai
 y daños ligeros en Taipei.
 H=18h 28m 50s
 U.S.C.G.S:
 23 1/2° N 122° E
 Mag. 6 1/2 - 6 3/4 (Pas)

CHIHUAHUA:
 I_u e 19h 20m 00s
 e 28 00
 e 35 00
 e 45 04
 Dist. 1233 Kms. (medida)

VERACRUZ:
 I_u e 19h 34m 00s
 e 38 00
 e 43 00
 Dist. 13660 Kms. (medida)

MERIDA:
 I ? e 19h 42m 02s
 e 54 08
 e 55 04

Octbre. 19 - TACUBAYA:
 I_d iPg 22h 13m 39s
 I_d iPg 22h 14m 16s
 iSg 14 20
 Dist. 30 Kms.

I_d iPg 22h 14m 39s
 I_d iPg 22h 14m 54s
 I_d iPg 22h 35m 38s
 iSg 35 43
 Dist. 37 Kms.

Octbre. 19 - TACUBAYA:
 I_v i 23h 04m 52s
 i 04 58

Octbre. 20
 H=03h 03m 40s

TACUBAYA:
 I_v iP 03h 04m 16s
 iL 04 43
 Dist. 234 Kms.

Octbre. 20
 H=10h 03m 49s

TACUBAYA:
 I_v iP 10h 04m 46s
 iL 05 36
 Dist. 402 Kms.

Octbre. 20
 Océano Atlántico.
 U.S.C.G.S:
 11 1/2° N 42° W
 H=12h 04m 20s

MERIDA:
 I_u e 12h 12m 27s
 ePcP 14 14
 e(S) 19 21

eLq 12h 23m 09s
 e 28 00
 Dist. 5150 Kms.

TACUBAYA:
 I_u iP 12h 14m 02s.
 Desviación indefinida.
 e 15 58
 e 17 16
 eS 21 42.
 e 21 58
 Dist. 6190 Kms.

VERACRUZ:
 I_u ePR₁ 12h 15m 24s.
 ePR₁ 15 26
 eLq 25 16
 e 28 08
 e 33 12
 e 35 40
 Dist. 5830 Kms.

COMITAN:
 I_u ePR₂ 12h 16m 12s
 eS 20 30.
 e 24 02
 Dist. 5460 Kms.

GUADALAJARA:
 I_u eScS 12h 19m 48s.
 Dist. 6220 Kms. (medida)

MAZATLAN:
 I_u e(SCS) 12h 24m 06s
 Dist. 6165 Kms. (medida)

Octbre. 21 - TACUBAYA:
 I_v i 09h 49m 21s
 (Tiempo dudoso)

Octbre. 21 - TACUBAYA:
 I_d iPg 11h 52m 12s
 iSg 52 14
 Dist. 15 Kms.

Octbre. 21
 H=15h 42m 12s

TACUBAYA:
 I_v iP 15h 42m 54s
 i 42 24
 iL 43 29
 M 43 33

1/2a=10mmTo=1seg, u=3.3Ag=13.2
 C 44 51
 F 45 56
 Dist. 292 Kms.

Octbre. 21 - TACUBAYA:
 I_d iPg 16h 20m 49s
 I_d iPg 18h 12m 44s
 iSg 12 49
 Dist. 37 Kms.

1957
 Octubre. 21

Sentido fuerte trepila-
 torio en San Luis Acatlán,
 Gro.
 Epicentro # 112
 17°47'N 99°10'W
 H=21h 18m 35s
 h=100 Kms.

TACUBAYA:
 I_v iP 21h 18m 59s
 M 19 37
 1/2a=5mmTo=1seg, u=1.7, Δg=6.8
 C 20 22
 F 21 27
 Dist. 175 Kms. (medida)

VERACRUZ:
 I_v eS 21h 20m 03s
 e 20 14
 Dist. 350 Kms. (S-H)

Octubre. 21 - TACUBAYA:
 I_d iPg 22h 28m 45s

Octubre. 22 - TACUBAYA:
 I_d iPg 00h 27m 04s

I_d iPg 11h 02m 01s
 iSg 02 03
 Dist. 22 Kms.

I_d iPg 12h 54m 28s
 iSg 54 31
 Dist. 22 Kms.

Octubre. 22
 H=18h 27m 18s

COMITAN:
 I_v iP 18h 27m 48s
 iS 28 11
 Dist. 200 Kms.

MERIDA:
 I_v i 18h 29m 12s
 i 29 17
 i 29 22
 i 29 36
 i 30 09
 i 30 35

TACUBAYA:
 I_v i 18h 30m 26s
 i 31 08

Octubre. 22
 TACUBAYA:
 I_d iPg 22h 14m 55s
 iSg 14 58
 Dist. 22 Kms.

Octubre. 23 - TACUBAYA:

I_d iPg 00h 35m 55s
 iSg 35 57
 Dist. 15 Kms.

I_d iPg 00h 36m 28s
 iSg 36 30
 Dist. 15 Kms.

Octubre. 23

Islas Fox, Islas Aleutianas
 H=05h 56m 56s
 Mag. 6.2 (Tac)
 U.S.C.G.S:
 52 1/2° N 169 1/2° W

CHIHUAHUA:

I_r i 06h 06m 17s
 Desviación indefinida
 i 13 16
 eS 13 21
 eScS 15 39
 Lr 20 19
 e 23 15
 i 23 45
 M 24 29

1/2a=0.2mmTo=20seg, u=8.156
 Dist. 5720 Kms.

TACUBAYA:

I_u eP 06h 07m 20s
 eP 07 33
 e 08 42
 e 09 16
 e 14 11
 eS 15 41
 eS 15 46
 eSR₁ 19 46
 Dist. 6940 Kms.

SenNS: a=0.3mmTo=4seg, u=0.9
 SenEW: a=0.2mmTo=4seg, u=0.63

Octubre. 23 - TACUBAYA:

I_v iL 16h 00m 59s
 iL 01 00
 M 01 19

1/2a=7mmTo=1seg, u=2.31, Δg=9.24
 C 01 53
 F 02 54

Octubre. 23 - TACUBAYA:

I_v i 16h 08m 01s
 M 08 20
 1/2a=7mmTo=1seg, u=2.31, Δg=9.24
 C 08 48
 F 09 32

Octubre. 23 - TACUBAYA:

I_v i 16h 39m 57s

Octubre. 23 - TACUBAYA:

I_v i 16h 43m 22s

Octubre. 23

Epicentro # 37
 17°02'N 100°03'W
 H=16h 49m 38s
 Mag. 4.8 (Tac)

TACUBAYA:

III_v iP 16h 50m 20s
 iL 50 54
 iL 50 57
 M 51 20

1/2a=5mmTo=1seg, u=29.85, Δg=119
 C 54 09
 F 56 57
 Dist. 285 Kms.

LenNS: a=43mmTo=1seg, u=14
 LenEW: a=42mmTo=1seg, u=14

PUEBLA:

II_v i 16h 50m 24s
 iL 50 54
 Dist. 285 Kms.

OAXACA:

I_v e 16h 50m 35s
 eL 51 11
 Dist. 351 Kms. (L-H)

VERACRUZ:

II_v iP 16h 51m 03s
 iL 51 48
 M 52 57
 1/2a=2.5mmTo=3seg, u=26.4, Δg=11.7
 C 54 12
 F 59 00
 Dist. 490 Kms. (L-H)

Dist. 490 Kms. (L-H)

GUADALAJARA:

I_v i 16h 51m 17s
 Dist. 530 Kms. (medida)

CHIHUAHUA:

I_v e 16h 56m 12s
 e 56 20
 Dist. 1430 Kms. (medida)

Octubre. 23 - TACUBAYA:

I_v i 17h 41m 04s
 i 41 08
 i 41 23
 i 41 25

Octubre. 23 - TACUBAYA:

I_d iPg 20h 31m 20s
 iSg 31 23
 M ?
 C 31 43

1957

- 10 -

F 20h 32m 10s
Dist. 22 Kms.
Octbre. 24
Argentina Provincia de San Luis.
U.S.C.G.S:
32°S 67°W
H-23h 51m 33s (día 23)

i 21h 45m 37s
iS 46 24
iL 46 32
i 46 41
i 46 44
M 47 02
1/2a-6.5mmTo=8seg. u=304g=1.8
C 22h 00m 40s
F ?
Dist. 540 Kms.

VERACRUZ:
III P 21h 47m 42s
Dilatación -Z (claro)
iPR₂ 48 00
iS² 50 39
iL 51 30
iSR₁ 51 42
i 52 00
i 52 06
i 52 08
M₁ 53 24
1/2a=20mmTo=9seg. u=3994g=19.7
M₂ 54 36

VERACRUZ:
I u e 00h 06m 38s
e 08 24
Dist. 6500 Kms. (medida)
TACUBAYA:
Registró. Faltaron las marcas del tiempo.
Dist. 6660 Kms. (medida)

GUADALAJARA:
III iP 21h 46m 16s
Dilatación -Z (dudoso)
S 48 00
i 48 16
i 49 04
M 51 12
1/2a=13mmTo=6seg. u=1074g=4.32
C 57 56
F ?
Dist. 960 Kms.

1/2a=18mmTo=9seg.
C 22 14 32
F ?
Dist. 1660 Kms.

Octbre. 24
Nuevas Hebridias.
U.S.C.G.S:
14 1/2°S 167 1/2°E
H=00h 17m 37s
Mag. 6 1/2 (Pas)

MANZANILLO:
III eP 21h 46m 21s
Desviación indefinida.
oS 48 00
i 49 44
M 51 16
1/2a=5.5mmTo=8seg. u=664g=4
C 57 12
F ?
Dist. 980 Kms. (P-H)

OAXACA:
III eP 21h 47m 51s
eS 50 42
eS 50 45
iL 51 42
iL 51 47
i 54 00
i 55 02
M 55 03
1/2a=1.5mmTo=9seg. u=274g=1.3
C 22 00 15
F ?
Dist. 1740 Kms.

TACUBAYA:
Registró. Faltaron las marcas del tiempo.
Dist. 10830 Kms. (medida)

Octbre. 24 - TACUBAYA:
I dX iPg 14h 51m 10s
iSg 51 14
M 51 19
C 51 34
F 51 50
Dist. 30 Kms.

TACUBAYA:
III iP 21h 47m 15s
iP 47 16
Imp. -Z (claro)
iS 49 44
i 50 05
i 50 13
iL 50 25
iL 50 29
i(L) 50 34
M 53 37
1/2a=20mmTo=6seg. u=151.64g=168
C 22h 02 19
F 14 00

COMITAN:
II_r iP 21h 48m 41s
Dilatación E. (claro)
iS 52 16
iS 52 25
e 53 25
e 54 09
i 54 29
M 55 01
1/2a=2.5mmTo=16seg. u=1664g=2.5
C 22 01 24
F ?
Dist. 2200 Kms.

Octbre. 24
Argentina. Provincia La Rioja. Daños moderados en Villa Castellí, Vinchina y Jaque.
U.S.C.G.S:
29°S 69°W
H=20h 07m 17s

TACUBAYA:
I u eP 20h 17m 10s
i(P) 17 15
Dist. 6330 Kms. (medida)
SenNS: a=3mmTo=4seg. u=9.45
SenEW: a=3mmTo=4seg. u=9.45

MERIDA:
II_r eP 21h 48m 42s
Dilatación E (claro)
eS 52 30
e 55 33
e 55 45
i 56 22
e 59 27
M 22 01 39
1/2a=3mmTo=12seg. u=394g=1
C 12 03
F ?
Dist. 2220 Kms. (P-H)

Octbre. 24
26°00'N 110°30'W
H=21h 44m 09s
Mag. 6 (Tac)

PUEBLA:
I_r eP 21h 47m 27s
Desviación indefinida
iL 50 49
iL 51 00
i 51 33
i 51 51
Dist. 1500 Kms. (medida)

CHIQUAHUA:
III_v iP 21h 45m 34s
Desviación indefinida.

1957 MAZATLAN:
 Registró. Faltaron las
 marcas del Tiempo.
 Dist. 520 Kms. (medida)

Octbre. 25 - 11 -
 Próximo Costa sur
 de Kamohalka.
 H=10h 03m 35s
 U.S.C.G.S:
 50 1/2°N 156 1/2°E

H=08h 26m 15s
 h=600 Kms.
 U.S.C.G.S:
 20 1/2°S 178°W
 Mag. 6-6 1/4 (Pas)

Octbre. 25
 CHIHUAHUA:
 I_v ✓ iP 01h 21m 46s
 P 21 48
 S 22 34
 iS 22 36
 M 22 58
 1/2a=3.5mmTo=8seg, u=15Ag=0.9
 C 32 30
 Dist. 450 Kms.

TACUBAYA:
 I_u ✓ eP 10h 15m 58s
 Desviación indefinida.
 e 16 10
 e(PR₁) 19 25
 e(PR₂) 21 19
 e 25 52
 eS 26 09
 e 26 52
 Dist. 9200 Kms.

TACUBAYA:
 I_u ✓ eP 08h 37m 57s
 e 38 10
 epP 40 07
 epP 40 12
 epPR₁ 43 23
 eSKS 47 18
 eSKS 47 22
 eS 47 45
 Dist. 9660 Kms.

TACUBAYA:
 I_? ✓ e 01h 25m 48s
 e 26 53
 VERACRUZ:
 I_? e 01h 28m 00s
 e 28 21
 e 28 27
 e 28 51

CHIHUAHUA:
 I_u ✓ iPR₁ 10h 17m 55s
 i 23 38
 iS 24 12
 Dist. 8050 Kms. (medida)

Octbre. 26 - TACUBAYA:
 I_v ✓ i 09h 10m 18s
 i 10 20
 Octbre. 26 - TACUBAYA:
 I_d ✓ iPg 10h 08m 47s
 iSg 08 53
 Dist. 45 Kms.

Octbre. 25
 CHIHUAHUA:
 I_? ✓ i 02h 49m 24s
 i 49 41
 i 50 27

MERIDA:
 I_u ✓ e 10h 26m 36s
 eS 27 03
 eS 27 15
 Dist. 9780 Kms. (medida)

Octbre. 26 - TACUBAYA:
 I_v ✓ i 10h 21m 43s
 Octbre. 26 - TACUBAYA:
 I_d ✓ iPg 16h 12m 05s
 iSg 12 11
 Dist. 45 Kms.

Octbre. 25 - TACUBAYA:
 I_d ✓ iPg 04h 16m 33s

VERACRUZ:
 I_u ✓ iS 10h 26m 45s
 e 28 12
 SR 32 09
 Dist. 9500 Kms.

Octbre. 27 - TACUBAYA:
 I_v ✓ i 04h 40m 10s
 i 40 38

Octbre. 25
 Sentido leve en Villa
 Alta, Oax.
 Epicentro probable #143
 17°43'N 96°00'W

COMITAN:
 I_u ✓ iS 10h 27m 33s
 Dist. 10600 Kms. (medida)

Octbre. 27 - TACUBAYA:
 I_v ✓ i 04h 42m 48s

OAXACA:
 I_v ✓ e(P) 04h 28m 12s
 Dist. 106 Kms. (medida)

Octbre. 25 - TACUBAYA:
 I_d ✓ iPg 11h 09m 18s
 iSg 09 21
 Dist. 15 Kms.

Octbre. 27 - TACUBAYA:
 I_v ✓ i 09h 15m 19s

TACUBAYA:
 I_v ✓ i 04h 29m 02s
 iL 29 32
 Dist. 382 Kms. (medida)

I_d ✓ iPg 17h 21m 55s
 I_d ✓ iPg 17h 48m 28s
 I_d ✓ iPg 17h 49m 32s

Octbre. 27
 Golfo de Honduras.
 Epicentro probable:
 16°15'N 87°50'W
 H=18h 29m 09s

CHIHUAHUA:
 I_v ✓ i 04h 29m 16s
 VERACRUZ:
 Inscripciones muy débiles.

I_d ✓ iPg 19h 06m 16s
 iSg 06 21
 Dist. 37 Kms.

COMITAN:
 II_v ✓ eP 18h 30m 12s
 iL 31 08
 M 32 12
 1/2a=1.5mmTo=6seg, u=11.8Ag=1.31
 C 33 58
 F 44 46
 Dist. 445 Kms.

I_v i 04h 29m 36s
 Dist. 166 Kms. (medida)

Octbre. 26 - TACUBAYA:
 I_? ✓ i 01h 01m 53s
 e 04 18

GUADALAJARA:
 I_? i 04h 30m 12s

Octbre. 26
 Islas Fiji

MERIDA:
 II_v ✓ eP 18h 30m 26s
 Desviación indefinida.

1957
 ✓ iL 18h 31m 33s
 M 32 26
 $1/2a=2mmTo=6seg. \mu=5.96Ag=0.662$
 C 35 18
 F 52 00
 Dist. 525 Kms.

TACUBAYA:
 I_r ✓ eS 18h 34m 02s
 eS 34 07
 e 35 26
 e 35 29
 Dist. 1240 Kms. (S-H)

VERACRUZ:
 I_v ✓ e 18h 34m 32s
 e 34 46
 Dist. 926 Kms. (medida)

Octbre. 27
 Kamchalka.
 H=22h 32m 25s
 U.S.C.G.S;
 56°N 61°E
 Mag. 6³/₄ (Pas)

TACUBAYA:
 I_u ✓ iP 22h 44m 36s
 Desviación indefinida.
 iPR₁ 47 37
 ePR₂ 49 24
 eS 54 24
 oS 54 27
 Dist. 8780 Kms.

COMITAN:
 I_u ✓ oS 22h 55m 14s
 oS 55 34
 Dist. 9440 Kms. (medida)

Octbre. 28
 COMITAN:
 I_? e 05h 31m 06s
 TACUBAYA:
 I_? ✓ e 05h 34m 06s
 e 34 10

Octbre. 28
 Frente costa de Panamá.
 U.S.C.G.S;
 H=05h 55m 35s

TACUBAYA:
 I_r ✓ eP 06h 00m 12s
 iP 00 17
 e 03 32
 oS 03 45
 Dist. 2250 Kms. (P-H)

COMITAN:
 I_? ✓ e 06h 00m 16s
 eS 01 16
 Dist. 1500 Kms. (S-H)

Octbre. 28 - TACUBAYA:
 I_v ✓ i 06h 21m 50s
 i 21 53

Octbre. 28
 Costas de Oaxaca.
 Epicentro # 85
 15°57'N 99°09'W
 H=14h 18m 40s

OAXACA:
 I_v ✓ i 14h 19m 30s
 iL 19 56
 i 19 58
 iL 19 59
 Dist. 292 Kms. (L-H)

TACUBAYA:
 II_v ✓ iP 14h 19m 37s
 i 20 18
 i 20 21
 iL 20 26
 M 20 39
 $1/2a=2mmTo=1seg. \mu=8.16Ag=3.26$
 C 22 40
 F 25 03
 Dist. 394 Kms.

VERACRUZ:
 II_v ✓ P ?
 iL 14h 20m 50s
 Dist. 489 Kms. (L-H)

GUADALAJARA:
 I_v ✓ e 14h 21m 10s
 Dist. 680 Kms. (medida)

COMITAN:
 I_v ✓ e 14h 21m 10s
 Dist. 756 Kms. (medida)

Octbre. 28 - TACUBAYA:
 I_d ✓ iPg 14h 43m 59s
 iSg 44 03
 Dist. 30 Kms.

I_d ✓ iPg 18h 15m 46s
 iSg 15 50
 Dist. 30 Kms.

Octbre. 29
 CHIHUAHUA:
 I_? e 06h 42m 10s

Octbre. 29 - TACUBAYA:
 I_d ✓ iPg 11h 45m 47s

Octbre. 29
 H=13h 19m 32s
 TACUBAYA:
 I_v ✓ iP 13h 20m 30s
 iL 21 11
 Dist. 336 Kms.

Octbre. 29 - TACUBAYA:
 I_d ✓ iPg 14h 26m 33s
 iSg 26 36
 Dist. 22 Kms.

I_d ✓ iPg 14h 26m 55s
 Octbre. 29 - TACUBAYA:
 I_v ✓ i 19h 49m 09s

Octbre. 29 - TACUBAYA:
 I_v ✓ i 21h 42m 00s

Octbre. 29 - TACUBAYA:
 II_d ✓ iPg 21h 59m 02s
 iSg 59 04
 M 59 06
 C 59 31
 F 59 52
 Dist. 15 Kms.

Octbre. 30 - TACUBAYA:
 I_v ✓ i 03h 05m 44s

Octbre. 30 - MANZANILLO?
 I_? ✓ e 17h 21m 42s
 e 21 57

GUADALAJARA:
 I_? e 17h 22m 12s

TACUBAYA:
 I_? e 17h 23m 51s
 e 24 15

Octbre. 31 - TACUBAYA:
 I_v ✓ i 00h 50m 22s
 i 50 26

Octbre. 31
 H=03h 23m 22s
 TACUBAYA:
 I_v ✓ iP 03h 24m 10s
 iS 24 49
 iL 24 53
 M 25 05

$1/2a=6mmTo=1seg. \mu=1.98Ag=7.92$
 C 25 50
 F 28 35
 Dist. 340 Kms.

VERACRUZ:
 I_v e 03h 25m 22s
 e 25 50

1957
 Octubre. 31 - TACUBAYA:
 I_v i 05h 45m 01s
 i 45 08

Octubre. 31
 Costas de Panamá.
 Sentido en Balboa
 Heights y a bordo
 del vapor Hai Huaug
 H=10h 08m 02s
 Mag. 7 (Tac)
 U.S.C.G.S.
 6 1/2°N 83°W

COMITAN:
 (Tiempo dudoso)
 II_r eP 10h 11m 20s.
 Desviación indefinida.
 i 14 14
 i 14 32
 i 15 32
 i 16 40
 i 17 04
 M 18 36

1/2a=1mmTo=8seg. μ=48.28 Δg=3.02
 C 23 40
 F ?
 Dist. 1460 Kms. (modida)

MERIDA:
 III_r iP 10h 11m 45s.
 Compresión +Z (claro)
 iS 14 42
 iS 14 45
 iS 14 51
 i 16 18
 i 16 20
 i 16 30
 i 17 32
 i 17 36

1/2a=11mmTo=12seg. μ=1.4 Δg=1.8
 C 42 18
 F ?
 Dist. 1730 Kms.

CAYACA:
 I_r iP 10h 12m 02s
 iP 12 06
 i 12 13
 iS 15 25
 e 16 52
 Dist. 1940 Kms.

VERACRUZ:
 III_r iP 10h 12m 17s.
 Compresión +Z (claro)
 iP 12 20
 i 16 08
 i 16 30
 i 18 30
 i 19 08
 i 19 10
 M 19 50

1/2a=125mmTo=8seg. μ=15088 Δg=243

- 13 -

C 10h 36m 30s
 F 11 25 06
 Dist. 2020 Kms. (P-H)

TACUBAYA:
 (Tiempo dudoso)
 II_r eP 10h 12m 30s.
 eP 12 33
 Compresión +Z (claro)
 eS 16 22
 e 16 30
 Dist. 2300 Kms.

PenNS: a=2mmTo=3seg. μ=3.24
 PenEW: a=2.5mmTo=4seg. μ=7.9
 SenNS: a=6mmTo=7seg. μ=62.8
 SenEW: a=5mmTo=6seg. μ=38

PUEBLA:
 I_r eP 10h 12m 32s.
 eS 16 30
 e 18 52
 Dist. 2200 Kms.

GUADALAJARA:
 II_r iP 10h 13m 20s.
 Dilatación -Z (claro)
 eS 17 52
 e 21 00
 e 22 06
 Dist. 2740 Kms.

MANZANILLO:
 I_r eP 10h 13m 21s.
 e 15 36
 eS 18 00
 eL 20 16
 Dist. 2750 Kms.

CHIHUAHUA:
 II_r eP 10h 11m 17s.
 Desviación indefinida.
 eS 19 26
 eS 19 36
 e 21 08
 e 21 16
 e 25 30
 M 26 50
 1/2a=3mmTo=8

C 32 00
 F 11 46 00
 Dist. 3430 Kms.

Octubre. 31. - MERIDA:
 I_r e 10h 56m 27s

TACUBAYA:
 X Inscrito. Faltaron las
 marcas del tiempo.
 COMITAN:
 X Inscrito. Faltaron las
 marcas del tiempo.

Octubre. 31 - TACUBAYA:
 I_d iPg 15h 02m 18s
 I_d iPg 15h 05m 56s
 iSg 05 59
 Dist. 22 Kms.
 I_d iPg 15h 33m 18s
 iSg 33 21
 Dist. 22 Kms.

Octubre. 31
 Región Islas Galápagos.
 H=16h 24m 22s
 Mag. 5.8 (Tac)
 U.S.C.G.S.
 1 1/2°N 86°W

COMITAN:
 I_r eP 16h 28m 08s
 Desviación indefinida.
 eSR₁ 31 28
 eL₁ 32 16
 e 33 12
 e 34 00
 e 34 36
 e 36 32
 Dist. 1760 Kms. (P-H)

MERIDA:
 I_r iP 16h 28m 48s
 Desviación indefinida.
 e 28 52
 iS 32 21
 iSR₁ 33 00
 i 36 00
 i 38 00
 Dist. 2160 Kms. (S-P)

TACUBAYA:
 I_r iP 16h 29m 16s
 Desviación indefinida.
 i 29 32
 iPR₁ 29 40
 i 30 07
 e 30 12
 e 31 26
 i 31 27
 eS 33 00
 Dist. 2460 Kms.

PenNS: a=0.7mmTo=1.5seg. μ=0.196
 SenNS: a=1mmTo=4seg. μ=3.15
 SenEW: a=1mmTo=4seg. μ=3.16

CAYACA:
 I_r ePR₂ 16h 29m 16s
 Dist. 2110 Kms.

MANZANILLO:
 I_r e 16h 30m 51s
 Dist. 2840 Kms. (medida)
 CHIHUAHUA:

I_r e 16h 32m 54s
 e 33 21
 e 34 36
 e 42 58
 e 44 00
 e 44 48
 e 49 12
 Dist. 3690 Kms. (medida)

GUADALAJARA:
 I_r e 16h 36m 44s
 e 38 00
 e 38 10
 Dist. 2890 Kms. (medida)

Octubre. 31 - TACUBAYA:
 I_d iPg 17h 28m 50s
 I_d iPg 18h 56m 20s
 I_d iPg 21h 41m 08s
 iSg 41 12
 Dist. 30 Kms.

Datos Microsismicos de la Estación de Tacubaya.
 Componente N S OCTUBRE 1957 Componente E W

Día	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1	2	0.7	5.2	2	1.1	5.8	2	1.2	6.2	2	2.1	5.8	2	0.3	2.8	2	0.5	4.2	2	0.4	2.8	2	0.9	5.2		
2	2	1.7	6	2	1.6	5.7	2	1.4	6.1	2	1.7	5.6	2	1.3	6	2	0.6	4.2	2	1.2	5.7	2	1.2	5.6		
3	2	1.3	5.8	2	1	5.2	2	0.8	5.2	2	0.5	4.4	2	0.8	4.8	2	0.5	4.4	2	0.8	4.6	2	0.3	3		
4	2	0.5	3.6	...	...	...	2	0.6	5.4	2	0.7	4.4	2	0.5	4.4	...	...	...	2	0.4	3.2	2	0.8	4.8
5	2	0.9	5	2	0.9	5.2	2	0.8	5	2	0.9	5.4	2	0.7	4.6	2	0.6	5.2	2	0.8	5	2	1.2	6		
6	2	1	5.1	2	1.1	5	2	0.8	5	2	0.8	5.1	2	0.8	5	2	0.9	5	2	0.9	5	2	0.9	4.6		
7	2	0.8	5	2	0.7	4.8	2	0.7	5	2	0.3	3.4	2	0.5	4.2	2	0.3	4	2	0.4	4	2	0.5	4.2		
8	2	0.7	4.7	2	0.7	5	2	0.6	5	2	0.7	4.6	2	0.5	4.2	2	0.4	4.2	2	0.4	3.8	2	0.8	4.6		
9	2	0.8	4.8	2	0.5	4.7	2	0.5	4.6	2	0.8	5.4	2	0.8	4.8	2	0.6	4.8	2	0.8	4.6	2	0.8	4.6		
10	2	0.6	4.6	2	0.3	4.4	2	0.7	5.2	2	0.8	5.2	2	0.4	4.2	2	0.3	3.8	2	0.4	4.4	2	0.1	2.2		
11	2	0.9	5	2	0.3	4	2	0.3	3.7	2	0.5	4.4	2	0.5	3.8	2	0.2	3.2	2	0.2	3.4	2	0.5	4.4		
12	2	0.3	3.4	2	0.3	4.2	2	0.3	4	2	0.5	3.7	2	0.5	2.6	2	0.2	2.0	2	0.2	2.0	2	0.5	2.8		
13	2	0.4	4.4	2	0.6	4.8	2	0.3	3.6	2	0.4	4.4	2	0.2	2	2	0.5	2.8	2	0.6	2.6	2	0.5	2.6		
14	2	0.3	4.2	2	0.3	4.4	2	0.4	4.4	2	0.3	2.8	2	0.2	2.2	2	0.2	1.6	2	0.2	2.4	2	0.8	5.2		
15	2	0.8	4.6	2	0.2	4.2	2	0.3	4.2	2	0.2	2.2	2	0.8	4.8	2	0.4	3.6	2	0.4	4.2	2	0.3	3.4		
16	2	0.3	3.4	2	0.5	4.8	2	0.7	4.6	2	1.1	5	2	0.1	2.4	2	0.2	2.0	2	0.4	3.9	2	0.5	3.6		
17	2	0.9	5	2	0.7	5	2	0.8	4.6	2	0.7	4	2	0.3	3.2	2	0.4	3.4	2	0.6	4.2	2	0.7	3.8		
18	2	0.6	4.4	2	0.5	4	2	0.9	4.6	2	0.4	4.2	2	0.5	4.4	2	0.5	2.8	2	0.7	3.6	2	0.8	3.8		
19	2	0.5	4.4	2	0.9	4.8	2	0.9	4.6	2	0.9	4.8	2	0.9	4.6	2	0.2	1.8	2	0.9	4.8	2	0.6	3.8		
20	2	0.5	3.8	2	0.6	3.6	2	0.5	4.2	1	0.9	4.6	2	0.3	3.4	2	0.4	3.1	2	0.6	4	2	0.4	2.6		
21	1	0.9	4.9	1	1	4.7	1	1.7	5	1	2.9	5	1	0.9	4.6	1	1.1	4.6	1	2.2	4.9	1	2.1	5		
22	1	1.8	4.8	1	2	5	1	1.7	5	1	1.3	5	1	2.1	5	1	1.3	5	1	1.1	5	1	1.3	5		
23	1	1.9	5	2	1.3	5	2	1.2	5.1	2	1	5.2	1	1.6	5	2	1.3	5	2	1	4.8	2	0.6	4.2		
24	2	0.9	5	2	0.8	5	2	0.7	5	2	0.7	5	2	0.3	3.4	2	0.5	5	2	0.7	5	2	0.8	4.8		
25	2	0.8	5	2	0.7	5	2	0.7	5	2	0.9	5.1	2	0.7	4.6	2	0.4	3.6	2	0.6	4.8	2	0.2	1.8		
26	2	0.4	4.4	2	0.5	4.6	2	0.4	4	2	0.8	4.6	2	0.2	2.2	2	0.2	1.6	2	0.2	2.4	2	0.3	2.6		
27	2	0.3	3.2	2	0.5	3.8	2	0.3	3.4	2	0.5	4	2	0.7	3.6	2	0.4	3.4	2	0.4	3.4	2	0.8	3.8		
28	2	0.7	4	2	0.7	4	2	0.8	3.6	2	1.5	5.4	2	0.9	3.8	2	0.8	3.6	2	0.4	4.1	2	1.5	5.2		
29	2	1.6	5.6	2	0.9	5.4	2	1.1	5.4	2	1.2	5.2	2	1	4.8	2	1.7	5.6	2	0.9	5.2	2	1	5.2		
30	2	1.1	5.4	2	1.7	5.6	2	1.1	5	2	0.9	5.2	2	1.5	5.6	2	1	5.2	2	1.1	5	2	0.9	5.2		
31	2	1.1	5	2	1.1	5	2	0.5	4.2	2	0.8	5.2	2	1	5	2	0.8	5.4	2	0.3	4	2	0.9	4.8		

Componente Z

Día	0 ^h			06 ^h			12 ^h			18 ^h			Día	0 ^h			06 ^h			12 ^h			18 ^h		
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T
1	2	0.6	4	2	0.7	4.2	2	0.6	4.2	2	0.6	4.4	16	2	0.6	3.8	2	0.6	3.6	2	0.6	3.6	2	0.6	3.6
2	2	0.6	4	2	0.7	4.2	2	0.6	4	2	0.7	4.2	17	2	0.6	3.8	2	0.6	3.8	2	0.6	3.8	...	...	...
3	2	0.7	4	2	0.6	3.8	2	0.6	4	2	0.6	4	18	...	...	2	0.6	4.2	2	0.7	4.2	2	0.6	4	
4	2	0.6	3.8	...	...	...	2	0.6	4	2	0.6	4	19	2	0.6	3.8	2	0.6	4	2	0.7	3.8	2	0.7	4
5	2	0.6	3.8	2	0.6	3.8	2	0.6	4	2	0.6	4	20	2	0.7	4.2	2	0.8	4	2	0.7	4.2	...	...	...
6	2	0.6	4	2	0.6	4	2	0.6	4.2	2	0.6	4	21	...	...	2	0.8	4.4	2	1.4	4.8	1	1	4.4	
7	2	0.6	3.8	2	0.6	4	2	0.6	3.8	2	0.6	4	22	1	1.3	4.6	2	1.3	4.8	2	0.9	4.4	2	0.7	4
8	2	0.6	3.6	2	0.6	3.6	2	0.6	3.6	2	0.6	4	23	2	0.8	4.4	2	0.6	4	3	0.7	4.2	1	1	4.4
9	2	0.6	4	2	0.6	3.8	2	0.6	3.6	2	0.6	4	24	1	0.7	4	...	...	...	...	...	1	0.6	4	
10	2	0.6	3.8	2	0.5	3.6	2	0.5	3.6	2	0.5	3.8	25	1	0.6	3.8	2	0.6	4	2	0.6	4	2	0.6	3.8
11	2	0.5	3.8	2	0.6	3.8	2	0.6	4	2	0.6	4	26	2	0.6	3.8	2	0.7	4	2	0.7	4	2	0.8	4.2
12	2	0.6	3.8	2	0.6	3.8	2	0.6	4	2	0.6	4	27	2	0.8	3.8	2	0.8	4	2	0.8	4	2	0.9	4
13	2	0.6	3.6	2	0.6	3.6	2	0.6	3.6	2	0.6	3.6	28	2	0.9	3.8	2	0.8	4	2	0.8	4.2	2	0.9	4.4
14	2	0.6	3.8	2	0.6	3.8	2	0.6	3.8	2	0.6	3.6	29	2	0.9	4.2	2	0.8	4.2	2	0.7	4.2	2	0.7	4.2
15	2	0.6	3.8	2	0.6	3.4	2	0.6	3.6	2	0.6	4	30	2	0.7	4	2	0.8	4.2	2	0.7	4	2	0.7	4
													31	2	0.7	4	2	0.7	3.8	...	...	...	2	0.7	4.2

Datos Microsismicos de la Estación de Mérida.
Componente N S

OCTUBRE 1957

Componente E W

Día:	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	...	...	...	...	...	...	...	...	2	0.3	3	...	...	...	...	...	...	...	2	0.3	3	...	...	...
2	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	2.9	2	0.3	3	2	0.3	3	2	0.3	3		
3	2	0.3	3	2	0.3	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3.2		
4	2	0.2	3	...	...	...	2	0.3	3	2	0.2	3	2	0.2	3.2	...	...	...	2	0.2	3	2	0.2	3
5	2	0.2	3	0,0	...	...	2	0.2	3	2	0.1	3.8	2	0.3	3	2	0.2	3	2	0.2	3.2	2	0.2	3
6	2	0.2	3.4	2	0.2	3	2	0.2	3.2	2	0.2	3	2	0.2	2.9	2	0.2	3.4	2	0.2	3	2	0.2	3		
7	2	0.2	3.2	2	0.2	3.2	2	0.2	3.4	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3.2	0,0	...	...
8	2	0.2	3.2	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3.4	2	0.2	3.2	2	0.2	3		
9	2	0.2	3	2	0.2	3.2	2	0.2	3	2	0.2	3	2	0.2	3.4	2	0.2	3.4	2	0.2	3.4	2	0.2	3		
10	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	3.2	2	0.3	3	2	0.2	3		
11	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.3	3.4	2	0.2	3.2	2	0.2	3	2	0.2	3		
12	2	0.2	3.4	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3	2	0.2	3.4		
13	2	0.2	3	2	0.2	3	2	0.3	3	2	0.3	2.9	2	0.3	2	2	0.2	3	2	0.2	3	2	0.2	3		
14	2	0.3	3	2	0.3	3	2	0.3	3	2	0.3	3.2	2	0.2	3.2	2	0.2	3.8	2	0.2	3.2	2	0.2	3		
15	2	0.3	3	2	0.3	3	2	0.4	3	2	0.4	3	2	0.2	2.8	2	0.3	3	2	0.3	3	2	0.4	3		
16	2	0.4	3	2	0.4	3	2	0.4	3.1	2	0.5	3	2	0.3	3	2	0.3	2	2	0.3	3.2	2	0.4	2.9		
17	2	0.5	3	2	0.4	3	2	0.3	3	2	0.3	3	2	0.3	3	2	0.4	2.8	2	0.3	2.9	2	0.3	3		
18	2	0.3	3.1	2	0.3	3	2	0.2	3.6	2	0.2	3.2	2	0.2	3.2	2	0.2	3.8	2	0.2	3.2	2	0.2	3		
19	2	0.2	3	2	0.2	3	2	0.2	2.9	2	0.2	3	2	0.1	3.6	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4		
20	2	0.2	3	2	0.3	3	2	0.3	3	2	0.2	2.8	2	0.1	3.6	2	0.2	4.2	2	0.2	4.6	2	0.3	2.8		
21	2	0.3	3.2	2	0.3	2.8	2	0.3	3	1	0.5	3	2	0.3	2.8	2	0.4	3	2	0.4	3.1	2	0.3	3		
22	1	0.4	3.4	1	0.5	3.4	1	0.5	3.4	1	0.6	3.6	2	0.3	3.2	2	0.3	3	2	0.3	3	1	0.5	3.2		
23	1	0.6	3.4	1	0.9	3.2	1	0.6	3.6	1	0.4	3.2	1	0.3	3.8	1	0.4	3.4	1	0.4	3.2	1	0.2	3.6		
24	1	0.4	3.4	1	0.3	3.2	1	0.3	3.6	1	0.3	3	1	0.3	3.2	2	0.2	3.4	2	0.2	3.4	2	0.2	3.6		
25	1	0.3	3.2	1	0.3	3	2	0.4	3	2	0.3	3	2	0.2	3.4	2	0.2	4.4	2	0.2	3.4	2	0.2	3.2		
26	2	0.2	3.8	2	0.3	3	2	0.3	3.2	2	0.3	3.2	2	0.2	4.2	2	0.3	3.4	2	0.3	3.4	2	0.2	3.2		
27	2	0.4	3.2	2	0.5	2.9	2	0.5	3.2	2	0.6	3	2	0.3	3	2	0.3	3.4	2	0.3	3.4	2	0.4	3		
28	2	0.6	3.2	2	0.7	3.2	2	0.7	3.4	2	0.4	3.8	2	0.4	3.6	2	0.4	3.8	2	0.4	3.4	2	0.3	3.2		
29	2	0.6	3.6	2	0.8	4	2	0.8	3.7	2	0.0	4	2	0.5	4.2	2	0.5	3.8	2	0.4	3.8	2	0.3	3.6		
30	2	0.8	3.8	2	0.7	3.7	2	0.6	3.8	2	0.6	3.2	2	0.4	3.8	2	0.4	3.4	2	0.3	3.4	2	0.4	3.4		
31	2	0.4	3.2	2	0.3	3.4	2	0.3	3	2	0.2	3	2	0.3	3	2	0.2	3	2	0.2	3.2	2	0.2	3		

Componente Z

Día:	0 ^h			06 ^h			12 ^h			18 ^h			Día:	0 ^h			06 ^h			12 ^h			18 ^h		
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T
1°	...	...	...	...	...	...	...	...	2	0.4	3.2	16	2	0.3	4.2	2	0.3	4.2	2	0.3	6.4	2	0.2	4	
2	2	0.2	3	2	0.5	5.2	2	0.3	4.2	2	0.3	3.8	17	2	0.3	4.4	2	0.3	3	2	0.3	3.8	2	0.3	3.4
3	2	0.2	3.4	2	0.2	3.2	2	0.2	3.2	2	0.3	3	18	2	0.3	3	2	0.3	3	2	0.3	3.2	2	0.3	5.2
4	2	0.2	3	...	...	...	0,0	...	...	2	0.3	3.4	19	2	0.2	4	2	0.2	4.8	2	0.2	4.4	2	0.2	4.2
5	2	0.2	3.2	2	0.2	3	0,0	...	...	2	0.2	3.8	20	2	0.3	3.8	2	0.2	4.4	2	0.2	4.2	2	0.3	4.4
6	2	0.2	3.8	2	0.2	3.6	2	0.2	4.2	2	0.2	3.8	21	2	0.3	4.2	2	0.3	3.8	2	0.3	4.4	2	0.2	3.4
7	2	0.2	4	2	0.3	3.8	2	0.3	3.6	2	0.3	3.2	22	2	0.3	3	2	0.3	5.2	2	0.3	4.4	2	0.2	3.6
8	2	0.2	3.2	2	0.3	3.4	2	0.2	3.2	2	0.3	3.4	23	2	0.2	3.6	2	0.2	3	2	0.2	3.4	2	0.3	3.2
9	2	0.2	3.6	2	0.3	3.6	2	0.3	4	2	0.3	4.2	24	...	...	...	...	...	...	...	...	...	...	...
10	2	0.2	4.4	2	0.2	3.8	2	0.2	4.4	2	0.2	3.2	25	...	...	...	...	...	...	...	...	...	...	...
11	0,0	...	...	0,0	...	...	0,0	...	...	2	0.3	3.4	26	...	...	...	...	...	...	...	...	...	...	...
12	2	0.3	3.4	2	0.2	3	2	0.2	3	2	0.3	3.6	27	2	0.3	3.8	2	0.3	4	2	0.3	3.8	2	0.3	4.4
13	2	0.3	4	2	0.3	3.6	2	0.3	3.8	2	0.3	4	28	2	0.3	3	2	0.4	3.6	2	0.4	2.6	2	0.5	2.6
14	2	0.3	3.8	2	0.3	4.4	2	0.3	4.4	2	0.2	4.6	29	2	0.3	3.2	2	0.4	3.6	...	...	2	0.4	4.8	
15	2	0.3	4.4	2	0.3	4.4	2	0.4	4.6	2	0.3	3.4	30	2	0.4	4.2	2	0.3	4.4	2	0.3	3.4	2	0.3	3.8
													31	2	0.2	4	2	0.2	4.2	2	0.2	3.8	2	0.2	3.4

Datos Microsismicos de la Estación de Veracruz.
 Componente N S OCTUBRE 1957 Componente E W

Día:	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	2	1.2	6.2	2	1.5	5.4	2	1.2	6.8	2	2.8	6.6	2	1.7	6	2	1.4	3.4	2	1.1	5.6	2	2.3	6.6		
2	2	1.4	6.2	2	0.7	3.6	2	0.8	4.6	2	2.4	6.4	2	1	5	2	0.7	3.4	2	1.4	5.6	2	1.9	6.2		
3	2	1.2	6.6	2	1.1	4.2	2	2	2	...	...	2	1.7	4.0	2	0.8	3.6	2	1	5.2	...	...	...
4	...	...	...	...	...	...	...	...	2	1.4	3.6	...	...	...	...	...	...	...	...	2	1.3	5	...	...
5	2	1.1	5	2	1	3.4	2	1.2	4.2	2	2.6	6.6	2	1.5	5.8	2	0.9	5	2	1.2	6	2	1.6	5.8		
6	2	1.9	5.6	2	1.7	5.8	2	1.9	5.8	2	2	5.8	2	1.3	5.2	2	0.8	4.4	2	1.1	4.8	2	0.8	5.6		
7	2	1.4	5.6	2	1.6	5	2	1.3	5.6	2	1.9	6	2	1	4.2	2	0.6	3.6	2	0.7	5	2	1	3.8		
8	2	1.5	5.2	2	1.6	5.4	2	2	5.8	2	2	5.8	2	0.9	5.2	2	1.2	4.2	0	1.2	5.4	2	1	5.6		
9	2	1	4.4	2	0.6	4.6	2	0.7	4.8	2	2	6.4	2	1.3	5.2	2	0.5	4	2	0.8	5.2	2	0.8	4.4		
10	2	1.5	5.8	2	1.7	5.8	2	1.8	5.4	...	...	...	2	1.1	4.3	2	0.8	3.4	2	0.8	4	...	...	...
11	...	...	...	...	...	...	...	...	2	1.6	5.2	...	...	...	...	...	...	...	...	2	1.2	3.4	...	...
12	2	1.6	5.4	2	1.1	4.8	2	1.5	5.4	2	1	6	2	1.6	4.2	2	1.3	3.8	2	1.2	4.4	2	1.1	4.6		
13	2	1.2	5.2	2	1.1	5.4	2	1.3	4.4	2	1.6	6	2	1	5	2	1.1	4.6	2	1.1	4.8	2	0.9	4.6		
14	2	1.3	5.4	2	1.1	4.4	2	0.9	5.4	...	...	...	2	0.6	4	2	0.9	4.4	2	0.9	3.2	...	...	...
15	...	...	...	...	...	...	...	...	2	1.4	5.6	...	...	...	...	...	...	...	...	2	0.6	5	...	...
16	2	1	4.2	2	0.9	4.6	2	1.5	5.2	2	1.5	5.6	2	1.3	4.6	2	0.7	3.8	2	1.2	4	2	1.3	5.2		
17	2	1.3	5.4	2	0.9	4.6	2	1.3	4.6	2	1.4	5.4	2	1.6	5.6	2	1.2	3.6	2	1	4	2	1.2	3.8		
18	2	1.3	5	2	0.9	4.6	2	0.5	4.4	2	1.2	3.6	2	0.9	5.4	2	0.7	4.4	2	0.9	4.2	2	1.5	3.4		
19	2	1.5	3.8	2	1.2	4.2	2	1.5	2.8	2	1.5	3.8	2	1.4	3.6	2	1.4	3.2	2	1.2	3.8	2	1.5	3.8		
20	2	1.3	4.6	2	1.6	4.2	2	1.1	4.8	2	2.2	5.4	2	1.4	4.4	2	1.4	3.6	2	1.2	4.2	2	1.4	4.8		
21	2	1.9	5.6	2	2.4	5.8	2	3.2	6	...	...	...	2	1.6	5.6	2	1.5	5.6	2	2.5	6	...	...	...
22	1	2.8	7.2	1	2	5.8	1	2	5.6	1	2.8	5.8	1	2.5	5.6	1	1.7	5.6	1	1.5	5	1	2.2	6		
23	1	2.3	6	2	1.7	5.8	2	1.4	5.6	2	1.7	6.2	1	1.6	5.8	2	0.8	4.8	2	1.1	4.6	2	1.4	5.2		
24	2	1.7	6.2	2	1.1	5	2	1.6	6	2	2.1	4.2	2	1.5	5.2	2	1.4	6.2	2	1	3.6	2	1.9	4.2		
25	2	1.8	4.8	2	1.9	4.4	2	1.1	4.6	2	1.7	5.2	2	1.9	4.6	2	1.7	3.8	2	1.3	4.2	2	1.4	4.4		
26	2	1.3	5.6	2	1.4	5.2	2	1.0	3.8	2	2.1	4.4	2	1.2	3.8	2	1.4	2.6	2	1.8	2.0	2	2.5	4		
27	2	3.5	3.8	2	2.9	4.2	2	3.7	4.6	2	3.4	5.2	2	2.0	4.6	2	3.1	4.2	2	3.4	4.2	2	3.8	4.6		
28	2	4.7	4.4	2	3.0	4.0	2	4.0	5	2	3.7	4.8	2	3.2	4.6	2	4	4.4	2	4.2	5.4	2	3.8	4.6		
29	2	3.5	5.2	2	3	5.6	2	2.2	6.4	2	2.6	6	2	3.5	4.4	2	2.6	4.6	2	1.8	5	2	1.7	4.6		
30	2	2	6	2	2.1	4.2	2	2	6.4	2	2	6.2	2	1.7	4.8	2	1.2	3	2	1.4	5.8	2	1.6	5.4		
31	2	1.3	5.2	2	1.3	5.6	2	1.1	5.4	...	...	...	2	1.3	4.4	2	1	3.8	2	0.8	3.8	...	...	...

Componente Z																									
Día:	0 ^h			06 ^h			12 ^h			18 ^h			Día:	0 ^h			06 ^h			12 ^h			18 ^h		
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T
1°	2	1.2	3.4	2	0.8	3.4	2	0.6	3	2	0.8	4	16	2	0.7	2.8	2	0.5	2.2	2	0.5	2	2	0.5	2.6
2	2	0.6	3.2	2	0.6	3.4	2	0.5	2.4	2	0.9	4	17	2	0.5	3	2	0.5	2.6	2	0.5	1.8	...	...
3	2	0.8	3.8	2	0.5	3.6	2	0.6	3	...	...	...	18	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	2	0.5	2.8	...	19	2	0.7	2.8	2	0.6	2.2	2	0.8	2.6	...	...
5	2	0.6	3.4	2	0.7	4	2	0.6	3.8	2	0.5	3.6	20	...	...	...	...	...	...	...	...	...	...	...
6	2	0.6	3.4	2	0.5	2.4	2	0.5	3.4	2	0.6	2.8	21	2	0.6	3.2	2	0.6	3.4	2	1	4.8	...	...
7	2	0.5	2.8	2	0.5	4.2	2	0.6	4	2	0.7	3.8	22	2	0.5	3.8	2	0.6	3.2	2	0.5	3.2	2	0.7	3.4
8	2	0.7	3.4	2	0.5	2.6	2	0.5	2	2	0.5	3.4	23	2	0.9	4	2	0.5	3.2	2	0.6	3.2	2	0.7	4.2
9	2	0.6	3.6	2	0.5	1.8	2	0.6	2.8	2	0.6	3.4	24	2	0.5	4	2	0.6	3.4	2	0.5	2.2	2	1.1	3.4
10	2	0.6	3.4	2	0.7	1.8	2	0.6	2.4	...	...	...	25	...	...	2	0.7	2.6	2	1	2.4	...	...	...
11	...	...	...	...	...	...	...	...	2	0.7	3.2	...	26	2	0.7	2	2	0.6	2.4	2	1.2	2.4	...	...
12	2	0.7	3	2	0.6	2.2	2	0.6	3	2	0.6	3.8	27	...	...	...	...	...	...	...	...	...	...	...
13	2	0.6	3.2	2	0.7	2.4	2	0.5	3	2	0.5	3.2	28	...	...	...	...	...	...	...	...	...	...	...
14	2	0.6	3.4	2	0.5	2.6	2	0.6	2.8	...	...	...	29	2	2.1	4.2	2	1.7	3.4	2	1	3	2	0.8	2.8
15	...	...	...	...	...	...	...	2	0.8	3.8	...	...	30	2	0.7	3.2	2	0.7	3.6	2	0.8	3.4	2	0.6	3.4
													31	2	0.5	2.8	2	0.5	2.4	2	0.6	2	...	...	...

I.G.Y.

22 OCTUBRE 1957

R.W.D.

H O R A S	TACUBAYA									MERIDA									VERACRUZ													
	N-S			E-W			Z			N-S			E-W			Z			N-S			E-W			Z							
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
0	1	1.8	4.8	1	2.1	5	1	1.3	4.6	1	0.4	3.4	2	0.3	3.2	2	0.3	3	1	2.8	7.2	1	2.5	5.6	2	0.5	3.8					
1	1	1.7	5.3	1	1.6	5.1	...	...	...	1	0.6	3.4	2	0.3	4	2	0.3	4.2	1	2.5	6	1	2.1	5.6	2	0.8	3.6		
2	1	1.7	5.2	1	1.4	5.2	...	...	...	1	0.4	3	2	0.3	2.8	2	0.3	4.4	1	2.6	6	1	2.2	5.2	2	0.7	2.2		
3	1	1.4	5.2	1	1.3	5.4	2	1	4.4	1	0.4	3	2	0.3	2.8	2	0.3	4	1	2.8	5.4	1	2.4	5.4	2	0.6	2.4					
4	1	1.2	5.2	1	1.2	5.2	2	0.9	4.4	1	0.6	3.2	2	0.3	2.8	2	0.3	3.8	1	2.5	5.6	1	2	5	2	0.6	2.6					
5	1	1.4	5	1	1.4	5	2	0.8	4.2	1	0.5	3	2	0.3	3.1	2	0.2	4.2	1	2.2	5.6	1	1.9	5.2	2	0.6	3.2					
6	1	2	5	1	1.3	5	2	1.3	4.8	1	0.5	3.4	2	0.3	3	2	0.3	5.2	1	2	5.8	1	1.7	5.6	2	0.6	3.2					
7	1	1.2	5.4	1	1.9	5.2	2	0.8	4.4	1	0.4	3.2	2	0.4	2.9	...	...	...	1	1.8	5.6	1	1.3	3.8	0	0	0		
8	1	1	5.4	1	1.9	5	2	0.8	4.2	1	0.5	3.4	2	0.4	3.2	...	...	...	1	2	5.8	1	1	3.8	0	0	0		
9	1	1.3	5.2	1	1.4	5.4	2	0.7	4.2	1	0.4	3.6	2	0.3	3	...	...	...	1	1.9	4.6	1	1	3.6	2	0.6	3		
10	1	1.5	5	1	1.4	5.4	2	0.8	4.2	1	0.5	3.6	2	0.3	3.6	...	...	...	1	2	4.2	1	1.1	4.4	2	0.5	2.4		
11	1	1.6	5.1	1	1.6	5.2	2	0.8	4.4	1	0.5	3.6	2	0.3	3.8	...	...	...	1	2	4.8	1	1.2	4.4	2	0.5	2.2		
12	1	1.7	5	1	1.1	5	2	0.9	4.4	1	0.5	3.4	2	0.3	3	2	0.3	4.4	1	2	5.6	1	1.5	5	2	0.5	3.2					
13	1	1.6	5.2	1	1.2	5	2	0.8	4.2	1	0.6	3.2	1	0.4	3.8	...	...	...	1	2.4	5.6	1	1.6	4.8	2	0.7	3.8		
14	1	1.5	5.2	1	1.3	5.2	2	0.8	4.4	1	0.6	3.4	1	0.3	2.7	...	...	...	1	2.4	6	1	1.9	5.2	2	0.7	3.4		
15	1	2.2	5.1	1	1.6	5.4	2	0.8	4.6	1	0.6	3.8	1	0.5	3.4	2	0.3	3.2	1	2	5	1	1.7	4.8	2	0.8	3.6					
16	1	1.9	5	1	1.8	5.2	2	0.7	4	1	0.6	3.6	1	0.5	3.4	2	0.3	3.7	1	2.1	5.4	1	1.6	5.2	2	0.9	4					
17	1	1.9	5.2	1	1.7	5.2	2	0.8	4.4	1	0.7	3.3	1	0.4	3.3	2	0.3	3.8	1	2.2	5.6	1	1.6	5.4	2	0.9	3.6					
18	1	1.3	5	1	1.3	5	2	0.7	4	1	0.6	3.6	1	0.5	3.2	2	0.2	3.6	1	2.8	5.8	1	2.2	6	2	0.7	3.4					
19	1	2	5	1	1.6	5.2	2	0.8	4	1	0.6	3.2	1	0.4	3.4	2	0.3	3.4	1	1.7	5.4	1	1.6	4.4	2	0.7	3					
20	1	1.6	5.2	1	1.4	5	2	0.7	4.2	1	0.7	3.4	1	0.4	3.2	2	0.3	3.2	1	2.1	5	1	1.8	4.8	2	0.7	3.6					
21	1	1.4	5.2	1	1.9	4.8	2	0.7	4	1	0.7	3.4	1	0.4	3.2	2	0.2	3	1	2.5	5	1	1.5	4.8	2	0.8	4					
22	1	1.8	5	1	1.7	4.8	2	0.7	4.2	1	0.6	3.3	1	0.4	3	2	0.2	3	1	2.1	5.2	1	1.6	4.4	2	0.7	3.8					
23	1	1.6	4.8	1	1.8	5	2	0.1	4.2	1	0.6	3.1	1	0.4	3.2	2	0.3	3.6	1	1.9	4.8	1	1.3	5.2	2	0.8	3.6					
23 OCTUBRE 1957																																
0	1	1.9	5	1	1.6	5	2	0.8	4.4	1	0.6	3.4	1	0.3	3.8	2	0.2	3.6	1	2.3	6	1	1.6	5.8	2	0.9	4					
1	1	1.4	4.8	1	1.4	5	2	0.8	4.2	1	0.6	3.6	1	0.4	3.3	2	0.3	3.4	1	2.4	5.4	1	1.3	4.4	2	0.7	4					
2	1	1.6	5	1	1.4	5	2	0.7	4	1	0.6	3.2	1	0.5	3	2	0.2	3.8	1	2.5	5.2	1	1.4	4.2	2	0.7	2.6					
3	1	1.4	5.2	1	1.7	4.8	2	0.8	4.2	1	0.7	3.2	1	0.4	3	2	0.2	3	1	2.1	4.4	1	1.2	4.4	2	0.6	3.4					
4	1	1.5	5	1	1.4	5	2	0.7	4	1	0.6	3.4	1	0.4	3.4	2	0.2	3.2	1	1.8	5.4	1	1.2	5.6	2	0.5	2.8					
5	1	1.6	5	1	1.1	4.8	2	0.7	4.4	1	0.5	3.6	1	0.4	3.2	2	0.2	3.6	1	1.7	4.6	2	1.1	3.6	2	0.6	2.8					
6	2	1.3	5	2	1.3	5	2	0.6	4	1	0.9	3.2	1	0.4	3.4	2	0.2	3	2	1.7	5.8	2	0.8	4.8	2	0.5	3.2					
7	2	1.2	5.2	1	1.1	5	2	0.8	4.2	1	0.5	3.6	1	0.4	3	2	0.3	3.2	2	1.2	4	2	0.8	4	2	0.5	2					
8	1	1.8	5	1	1.2	4.8	2	0.7	4	1	0.6	3.4	1	0.4	3	2	0.3	3.4	2	1.1	5.2	2	0.6	3.6	2	0.5	1.8					
9	1	1	4.8	2	0.4	2.6	2	0.8	3.8	1	0.6	3.6	1	0.4	3	2	0.3	3	2	0.8	5	2	0.7	2.6	2	0.6	2.2					
10	1	1.2	5.2	2	0.2	2	2	0.8	3.8	1	0.6	3.6	1	0.3	3	2	0.3	3.2	2	0.9	4.8	2	0.8	2.6	2	0.6	2.4					
11	1	1.1	5.2	2	0.6	3.6	2	0.8	4.2	1	0.6	3.4	1	0.4	3	2	0.3	3	2	1.1	4.6	2	0.8	3	2	0.5	1.8					
12	2	1.2	5.1	2	1	4.8	3	0.7	4.2	1	0.6	3.6	1	0.4	3.2	2	0.2	3.4	2	1.4	5.6	2	1.1	4.6	2	0.6	3.2					
13	2	1	5	2	0.9	5	3	0.7	4.2	1	0.5	3.6	1	0.4	3.4	2	0.2	3	2	1.5	5.6	2	1.7	5.2	2	0.6	2.6					
14	2	1	4.8	2	0.9	5	2	0.7	4.4	1	0.7	3.4	1	0.4	3	2	0.2	3	2	1.5	5.6	2	1.3	5	2	0.8	3.4					
15	2	1.1	4.7	2	0.9	5	2	0.6	4	1	0.5	3.8	1	0.4	4.2	2	0.2	3	2	1.5	5.2	2	1.4	5.2	2	0.7	3.2					
16	2	0.9	5	2	1.1	5	1	0.7	4.2	1	0.5	3.9	1	0.3	3.8	2	0.2	3	2	1.7	6.1	2	1.6	5	2	0.6	3.6					
17	2	0.9	5.2	2	0.7	4.6	1	0.7	4	1	0.6	3.4	1	0.3	3.6	2	0.2	3.4	...	...	...	...	...	...	...	...	...
18	2	1	5.2	2	0.6	4.2	1	0.8	3.8	1	0.4	3.2	1	0.2	3.6	2	0.3	3.2	2	1.7	6.2	2	1.4	5.2	2	0.7	4.2					
19	2	1.2	4.8	2	0.4	4	1	0.7	4	1	0.6	3.4	1	0.3	3.4	...	...	...	2	1.7	5.6	2	1.6	5	2	0.6	3.4		
20	2	1.4	5	2	0.4	4.4	1	0.6	3.8	1	0.5	3.4	1	0.3	3.4	...	...	...	2	2.1	6	2	1.3	4.8	2	0.5	3.4		
21	2	1	4.8	2	0.7	4.8	2	0.6	3.8	1	0.5	3	1	0.3	3.2	...	...	...	2	1.6	6	2	1.7	5.8	2	0.6	3.6		
22	2	1	4.8	2	0.7	4.6	2	0.6	3.8	1	0.5	3.2	1	0.2	3.6	2	1.8	6.6	2	1.6	5.8	2	0.7	3.6					
23	2	0.8	4.8	2	0.6	5	2	0.6	4	1	0.5	3	1	0.2	3.6	2	1.6	5.4	2	1.4	5.2	2	0.7	3.4					

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UNIVERSIDAD NACIONAL DE MEXICO

Instituto de Geofísica

Estación Central de Tacubaya Servicio Sismológico
Victoriano-Zepeda No. 53, México 18, D. F.

MES DE NOVIEMBRE DE 1957

Novbre. 1°
TACUBAYA:
I d ✓ iPg 00h 09m 39s
I d ✓ iPg 00h 26m 22s
I d ✓ iPg 11h 45m 37s

Novbre. 1°
Guatemala;
Epicentro probable:
17° 10'N 90° 15'W
H=11h 54m 06s (seg Comitán) Novbre. 1°

COMITAN:
III ✓ iP 11h 54m 40s
Dilatación (SW)
iS 55 04
M 55 14
1/2a=7.5mmTo=8seg u=110Ag=6.89
C 56 28
F 15 01 00
Dist. 220 Kms.

MERIDA:
II ✓ iP 11h 55m 09s
iL 56 05
iL 56 08
i 56 27
i 56 42
i 56 51
M 58 11
1/2a=2.5mmTo=3 seg u=16Ag=7.1
C 15 04 12
F ?
Dist. 445 Kms.

VERACRUZ:
II ✓ i 11h 56m 00s
i 56 01
iS 56 49
iL 57 04
iL 57 08
i 57 25
M 59 28
1/2a=1.5mmTo=1seg u=18Ag=72
C 15 03 08
F ?
Dist. 650 Kms.

OAXACA:
I ✓ i(S) 11h 57m 05s
Dist. 686 Kms. (medida)

TACUBAYA:
I ✓ e 11h 57m 16s
iL 58 24
i 58 38
i 58 53
Dist. 960 Kms. (L-H)

PUEBLA:
I ✓ i 11h 58m 08s
Dist. 860 Kms. (medida)

OAXACA:
I ? i 15h 11m 17s
i 11 29

TACUBAYA:
I ✓ iP 15h 11m 54s
i 12 50
i 12 51

VERACRUZ:
I ? i 15h 12m 00s
i 12 08
i 13 04
i 13 08
i 13 56

Novbre. 1°
H=15h 30m 23s

TACUBAYA:
I ✓ iP 15h 31m 02s
iL 31 31
Dist. 249 Kms.

Novbre. 1°
TACUBAYA:
I ✓ i 18h 20m 45s

Novbre. 1°
TACUBAYA:
I d ✓ iPg 19h 21m 55s
iSg 22 00
Dist. 37 Kms.

Novbre. 2
Próximo Costas de Chiapas.
Epicentro # 174
14° 43'N 93° 20'W
H=07h 21m 00s
h=100 Kms.

COMITAN:
II ✓ iP 07h 21m 30s
Imp. S
iS 21 57
M 23 00
1/2a=4.5mmTo=1.5seg u=12Ag=10.5
C 26 29
F ?
Dist. 210 Kms.

OAXACA:
II ✓ iP 07h 21m 54s
i 22 13
S 22 45
S 22 47
M ?
C 24 52
F ?
Dist. 440 Kms.

VERACRUZ:
II ✓ iP 07h 22m 14s
eS 23 18
eS 23 20
M 25 36
1/2a=4mmTo=6seg u=32Ag=3.5
C 30 48
F ?
Dist. 560 Kms.

MERIDA:
III ✓ iP 07h 22m 41s
Dilatación -Z (claro)
i 23 23
i 23 53
i 23 56
i 24 02
iS 24 08
S 24 09
M 24 59
1/2a=8mmTo=3seg u=26Ag=11.5
C 31 20
F ?
Dist. 800 Kms.

TACUBAYA:
II ✓ iP 07h 22m 45s
Dilatación -Z (claro)
iS 24 15
M 24 51
1/2a=6mmTo=1seg u=1.98Ag=7.92

1957.

C 07h 28m 26s
 F 32 55
 Dist. 820 Kms.
 PUEBLA:
 I_v S 07h 23m 41s
 M 24 20
 C 25 21
 F ?
 Dist. 680 Kms.(S-H)

MANZANILLO:
 I_r i 07h 26m 15s
 i 28 12
 Dist. 1260 Kms.(medida)

GUADALAJARA:
 I_r e 07h 26m 20s
 e 26 32
 e 28 02
 Dist. 1240 Kms.(medida)

CHIHUAHUA:
 I_r i 07h 27m 24s
 i 27 28
 iPcP 29 34
 i 30 14
 Dist. 2030 Kms.(medida)

Novbre. 2 - TACUBAYA:
 I_v i 10h 46m 41s
 i 46 44

Novbre. 2 - TACUBAYA:
 I_d iPg 20h 24m 23s
 iSg 24 26
 Dist. 22 Kms.

Novbre. 3
 H=05h 32m 43s
 TACUBAYA:
 II_v iP 05h 33m 25s
 iL 34 00
 M 34 19
 1/2a=5.5mmTo=1seg.u=1.81Ag=7.24
 C 35 01
 F 36 31
 Dist. 292 Kms.

VERACRUZ:
 I_v e 05h 35m 00s
 e 35 15

Novbre. 4 - TACUBAYA:
 I_v iL 03h 08m 31s
 iL 08 40

Novbre. 4 - TACUBAYA:
 I_d iPg 14h 31m 39s
 I_d iPg 15h 53m 55s
 iSg 54 00
 Dist. 37 Kms.

I_d iPg 21h 10m 08s
 Novbre. 5 - TACUBAYA:
 I_d iPg 00h 16m 17s
 iSg 16 21
 Dist. 30 Kms.

I_d iPg 00h 17m 02s
 Novbre. 5
 Inscripciones muy débiles.

PUEBLA:
 I_d iPg 02h 18m 55s
 TACUBAYA:
 I_v i 02h 19m 28s
 i 19 30
 i 19 51

VERACRUZ:
 I_v e 02h 20m 16s
 e 20 24
 e 20 36

OAXACA:
 I_v e 02h 20m 30s
 e 20 52

Novbre. 5 - TACUBAYA:
 I_v i 15h 45m 24s
 i 45 28

Novbre. 5 - TACUBAYA:
 I_d iPg 16h 48m 35s
 iSg 48 36
 Dist. 7.5 Kms.

I_d iPg 16h 50m 05s
 Novbre. 5
 Epicentro # 10
 15° 20'N 92° 13'W
 H=20h 39m 32s
 h=100 Kms.

COMITAN:
 I_v eP 20h 39m 49s
 iS 40 08
 Dist. 100 Kms.

MERIDA:
 I_v eP 20h 40m 59s
 e 41 32
 e 41 35
 iS 42 14
 i 43 11
 Dist. 680 Kms.

OAXACA:
 I_v e 20h 41m 03s
 Dist. 514 Kms.

VERACRUZ:
 I_v e 20h 41m 28s
 e 42 12
 Dist. 593 Kms.(medida)

TACUBAYA:
 I_v i 20h 42m 15s
 i 42 16
 iS 42 45
 iS 42 46
 i 42 59
 M ?
 C 44 37
 F 46 19
 Dist. 860 Kms.(S-H)

Novbre. 5 - TACUBAYA:
 I_d iPg 21h 38m 26s
 iSg 38 28
 M 38 33
 C 38 58
 F 39 31
 Dist. 15 Kms.

Novbre. 5 - OAXACA:
 Inscripciones muy débiles.
 I_v e 21h 44m 33s
 e 44 35

TACUBAYA:
 I_v iL 21h 45m 46s

VERACRUZ:
 I_v i 21h 46m 06s
 i 46 08
 i 46 16

Novbre. 5 - OAXACA:
 Inscripciones muy débiles.
 I_v e 23h 33m 48s

MERIDA:
 I_v e 23h 33m 56s
 e 34 10

VERACRUZ:
 I_v e 23h 35m 06s

TACUBAYA:
 I_v i 23h 35m 45s
 i 37 47

Novbre. 6
 H=07h 32m 00s
 PUEBLA:
 III_v iP 07h 32m 14s
 iP 32 15
 iS 32 31
 Dist. 80 Kms.

1957.

TACUBAYA:
 I_v ✓ iP 07h 32m 22s
 iP 32 23
 i 32 36
 iS 32 48
 iS 32 50
 M 32 55
 1/2a=4mmTo=1seg.u=1.3Ag=5.2
 C 35 00
 F 37 20
 Dist. 180 Kms.

VERACRUZ:
 I_v ✓ eS 07h 32m 46s
 i 33 12
 e 34 15
 i 34 24
 Dist. 160 Kms.

OAXACA:
 I_v ✓ e 07h 33m 14s
 Dist. 210 Kms. (medida)

Novbre. 6 - TACUBAYA:
 I_d ✓ iPg 16h 41m 11s
 iSg 41 41
 Dist. 22 Kms.

I_d ✓ iPg 17h 55m 02s
 I_d ✓ iPg 19h 10m 13s
 iSg 10 15
 M 10 18
 C 10 21
 F 10 38
 Dist. 15 Kms.

I_d ✓ iPg 21h 21m 31s
 iSg 21 35
 Dist. 30 Kms.

Novbre. 7 - TACUBAYA:
 I_d ✓ iPg 19h 20m 56s
 iSg 21 01
 Dist. 37 Kms.

I_d ✓ iPg 20h 50m 18s
 I_d ✓ iPg 21h 44m 55s

Novbre. 8
 H=03h 30m 14s
TACUBAYA:
 I_v ✓ iP 03h 30m 59s
 Imp. N
 iL 31 37
 M ?
 C 32 20
 F 33 05
 Dist. 314 Kms.

Novbre. 8 - OAXACA:
 I_d ✓ iPg 05h 10m 12s

- 3 -

✓ iSg 05h 10m 18s
 Dist. 45 Kms.

TACUBAYA:
 I_v ✓ i 05h 11m 57s

Novbre. 8 - TACUBAYA:
 I_d ✓ iPg 14h 32m 10s
 iSg 32 13
 Dist. 22 Kms.

I_d ✓ iPg 15h 14m 26s

I_d ✓ iPg 15h 22m 55s
 iSg 22 58
 M 23 04

1/2a=5mmTo=1seg.u=1.7Ag=6.8
 C 23 20
 F 23 42
 Dist. 22 Kms.

I_d ✓ iPg 20h 24m 43s
 iSg 24 47
 Dist. 30 Kms.

I_d ✓ iPg 23h 25m 11s
 iSg 25 14
 M 25 18
 C 25 22
 F 25 46
 Dist. 22 Kms.

Novbre. 9
 Epicentro # 137
 15° 58'N 97° 18'W
 H=02h 30m 54s

MANZANILLO:
 I ✓ i 02h 30m 59s

OAXACA:
 I_v ✓ iP 02h 31m 27s
 iS 31 48
 Dist. 157 Kms.

TACUBAYA:
 I_v ✓ iL 02h 32m 49s
 iL 32 50
 Dist. 430 Kms.

Novbre. 9 - TACUBAYA:
 I_d ✓ iPg 20h 42m 14s
 iSg 42 19
 M 42 21
 1/2a=6mmTo=1seg.u=2Ag=8
 C 42 47
 F 43 18
 Dist. 37 Kms.

Novbre. 10 - TACUBAYA:
 I_d ✓ iPg 01h 33m 48s

Novbre. 10
 Epicentro # 338
 16° 37'N 99° 27'W
 H=07h 09m 00s
 Mag. 4.8 (Tac)

TACUBAYA:
 III_v ✓ iP 07h 09m 45s
 Dilatación -Z
 iS 10 20
 M 10 41
 1/2a=32mmTo=1seg.u=1.1Ag=4.4
 C 14 15
 F 17 05
 Dist. 310 Kms.

SenNS:a=20mmTo=1seg.u=6.6
 SenEW:a=11mmTo=1seg.u=4.76

OAXACA:
 I_v ✓ eP 07h 09m 46s
 iS 10 17
 Dist. 300 Kms.

VERACRUZ:
 II_v ✓ iP 07h 10m 03s
 iS 10 51
 i 11 01
 M 11 17
 1/2a=4mmTo=2seg.u=12g=12
 C 12 41
 F ?
 Dist. 440 Kms.

PUEBLA:
 II_v ✓ iS 07h 10m 20s
 i 10 24
 M 10 44
 C 11 32
 F ?
 Dist. 310 Kms. (S-H)

MANZANILLO:
 I_v ✓ e 07h 11m 03s
 Dist. 588 Kms. (medida)

GUADALAJARA:
 I_v ✓ iS 07h 11m 18s
 Dist. 600 Kms.

COMITAN:
 I_v ✓ iL 07h 12m 36s
 i 13 11
 Dist. 786 Kms. (medida)

CHIHUAHUA:
 I_r ✓ i 07h 13m 52s
 i 14 02
 Dist. 1500 Kms. (medida)

Novbre. 10 - TACUBAYA:
 I_v ✓ i 07h 23m 27s
 i 23 28

1957.

Novbre. 10

Norte de Colombia.
H=10h 21m 14s
U. S. C. G. S:
8° N 74 1/2° W

TACUBAYA;
I_r ✓ eP 10h 26m 59s
iPR₁ 27 43
iPR₁ 27 48
e 30 45
e 31 18
Dist. 3000 Kms.

Novbre. 10 - TACUBAYA;
I_v ✓ i 11h 31m 56s
i 32 04

Novbre. 10 - TACUBAYA;
II_d ✓ iPg 15h 02m 09s
iSg 02 10
M 02 11
1/2a=9mmTo=1seg. μ=3.4g=12
C 02 31
F 03 00
Dist. 7.5 Kms.

Novbre. 10 -
H=21h 51m 59s

TACUBAYA;
I_v ✓ iP 21h 52m 41s
iL 53 14
M 53 23
1/2a=3.5mmTo=1seg. μ=1.2Δg=4.8
C 54 02
F 55 47
Dist. 278 Kms.

Novbre. 11
Inscripciones muy débiles.

MERIDA;
I_v ✓ e 07h 19m 30s
o 20 11
iL 20 27
Dist. 460 Kms.

COMITAN;
I_v ✓ e 07h 22m 45s

Novbre. 11
Golfo de California.
Sentido ligero en -
Yavaros, Sonora

CHIHUAHUA;
I_v ✓ eP 12h 57m 30s
iL 58 28
iL 58 30
Dist. 460 Kms.

TACUBAYA;
I_r ✓ o 13h 01m 43s
o 05 43
VERACRUZ;
I_r ✓ o 13h 06m 24s
o 06 30
o 07 00

Novbre. 11
Próximo Costas de Guerrero.
Sentido en Acapulco.
Epicentro # 60
16° 33' N 100° 09' W
H=18h 20m 41s
Mag. 5.4 (Tac)

TACUBAYA;
III_v ✓ iP 18h 21m 32.
Dilatación -Z (claro)
iL 22 16
Dist. 358 Kms.

LenNS: a=112mmTo=1seg. μ=38.1
LenEW: a=80mmTo=4.5seg. μ=23.2

PUEBLA;
III_v ✓ eP 18h 21m 36s
Imp. N
iL 22 20
M 22 24
1/2a=8.7mmTo=?
C 24 16
F 31 00
Dist. 358 Kms.

VERACRUZ;
III_v ✓ iP 18h 21m 52s
iL 22 56
M 23 03
1/2a=12.5mmTo=4seg. μ=116.13Δg=2903
C 29 50
F 33 12
Dist. 503 Kms.

GUADALAJARA;
II_v ✓ e 18h 22m 08s
Desviación indefinida.
eL 23 12
M 23 14
1/2a=3mmTo=2seg. μ=34.8Δg=34.8
C 25 04
F 28 44
Dist. 561 Kms.

CAKACA;
I_v X iL 18h 22m 18s
Dist. 365 Kms.

MANZANILLO;
I_v ✓ i 18h 22m 39s
iL 23 00
Dist. 518 Kms. (L-H)

MERIDA;
I_v ✓ iP 18h 23m 30s
Desviación indefinida.
iS 25 34
iS 25 36
Dist. 1200 Kms. (S-H)

COMITAN;
I_v ✓ i 18h 25m 00s
Dist. 856 Kms. (medida)

MAZATIAN;
I_r X eL 18h 25m 09s
o 27 09
Dist. 1000 Kms. (S-H)

Novbre. 11 - TACUBAYA;
I_v ✓ i 18h 52m 48s
i 52 51

Novbre. 11
H=20h 30m 56s

TACUBAYA;
I_v ✓ iP 20h 31m 35s
Imp. N (claro)
iL 32 06
M 32 27
1/2a=8.5mmTo=1seg. μ=2.8Δg=11.2
C 33 42
F 34 56
Dist. 256 Kms.

Novbre. 11 - CHIHUAHUA;
I_? ✓ e 22h 14m 43s
e 15 05
e 22 45

Novbre. 12
Islas Gayman
U.S.C.G.S:
19° N 18 1/2° W
H=00h 03m 02s

MERIDA;
I_v ✓ i 00h 06m 00s
i 06 18
i 06 24
eS 07 00
i 09 21
Dist. 945 Kms. (medida)

Novbre. 12 - TACUBAYA;
I_d X iPg 00h 14m 31s
iSg 14 33
Dist. 15 Kms.

1957.

- 5 -

Novbre. 12

Sentido ligero en
San Luis Acatlán,
Puebla.
H=06h 59m 19s

i 10h 53m 09s

e 18h 15m 16s
Dist. 10000 Kms.

TACUBAYA:

I_v ✓ iP 07h 00m 34s
Desviación indefinida.
iL 01 11
M 01 30

COMITAN:

I_? e 10h 54m 08s
e 54 24

CHIHUAHUA:

I_u ✓ i 17h 36m 42s

1/2a=0.8mmTo=1seg. u=2.1 Δg=10.4

C 02 23
F 03 45

Dist. 307 Kms.

Novbre. 13

H=15h 37m 29s

TACUBAYA:

I_v ✓ iP 15h 38m 20s
Desviación indefinida.
iL 39 04
Dist. 358 Kms.

i 37 04

e 37 24

eSKS 43 00

ePS 44 28

e 59 10

e 18 00 32

eLr 01 08

e 02 03

e 03 20

e 05 16

M 09 20

Novbre. 12 - TACUBAYA:

I_d ✓ iPg 17h 35m 09s

I_d ✓ iPg 18h 45m 32s

Novbre. 13

Región Islas Kermadec

H=17h 22m 41s

Mag. 6.7 (Tac)

U.S.C.G.S:

23°S 179°W

1/2a=0.2mmTo=20seg. u=8 Δg=.08

Dist. 10330 Kms.

Novbre. 12 - TACUBAYA:

I_v ✓ i 20h 08m 21s

i 08 23

TACUBAYA:

I_u ✓ e(P) 17h 36m 04s

Desviación indefinida.

ePR₁ 39 41

eS₁ 47 06

Dist. 10280 Kms.

COMITAN:

I_u ✓ i 17h 47m 48s

i 18 07 22

Dist. 10660 Kms. (medida)

Novbre. 12 - TACUBAYA:

I_d ✓ iPg 21h 22m 53s

iSg 22 57

M 23 04

C 23 18

F ?

Dist. 30 Kms.

PenEW: a=0.6mmTo=1seg. u=0.2 Δg=

SenEW: a=0.8mmTo=6seg. u=6.07

MERIDA:

I_u ✓ e 17h 52m 03s

e 52 06

SR₂ 58 45

i₂ 18 01 37

e 09 24

M 11 09

1/2a=C.2mmTo=20seg. u=8 Δg=.08

Dist. 11160 Kms. (medida)

Novbre. 12 - TACUBAYA:

I_d ✓ iPg 22h 43m 49s

iSg 43 53

Dist. 30 Kms.

VERACRUZ:

II_u iP 17h 36m 04s

iP 36 15

Desviación indefinida.

i 36 52

i 40 31

iTR₂ 41 54

i 46 48

iS 47 21

i 49 32

iSR₁ 53 30

i 53 51

i 18 06 18

i 07 03

i 11 45

i 12 08

M 12 15

Novbre. 13 - TACUBAYA:

II_d ✓ iPg 21h 34m 34s

iSg 34 40

M 34 44

C 34 59

F 35 12

Dist. 45 Kms.

I_d ✓ iPg 23h 08m 57s

iSg 08 59

M 09 04

C 09 24

F ?

Dist. 15 Kms.

I_d ✓ iPg 22h 10m 39s

iSg 10 45

M 10 48

C 11 04

F 11 19

Dist. 45 Kms.

I_d ✓ iPg 23h 26m 33s

Novbre. 13 - TACUBAYA:

I_v ✓ i 05h 00m 06s

i 00 16

1/2a=C.2mmTo=2seg. u=22 Δg=0.2

i 30 33

Dist. 10550 Kms.

Novbre. 13 - TACUBAYA:

I_v ✓ iL 05h 11m 17s

GUADALAJARA:

I_u ✓ e 17h 36m 06s

SKS 45 56

eS 46 44

e 18 00 00

e 04 52

e 08 36

e 11 00

Novbre. 15

Sentido en Coscomatepec,

Veracruz, y C.Cerdán, Puebla.

Epicentro $\frac{1}{3}$ 359

18° 49' N 97° 28' W

H=04h 16m 28s

h=100 Kms.

Mag. 4.6 (Tac)

VERACRUZ:

III_v ✓ eP 04h 16m 40s

Novbre. 13

MERIDA:

I_v ✓ e 10h 52m 24s

i 52 42

iL 52 52

i 53 00

1957.

- 6 -

Dilatación -Z (claro)
 ✓ eP 04h 16m 42s
 iS 17 04
 M 18 20
 $1/2a = 1.7mmTo = 4seg. \mu = 15.08 \Delta g = 3.77$
 C 19 32
 F 24 48
 Dist. 140 Kms.

PUEBLA:
 I_v ✓ iP 04h 16m 42s
 iS 16 58
 Dist. 80 Kms.

TACUBAYA:
 II_v iP 04h 16m 54s
 Dilatación (En horizontal claro)
 ✓ iS 17 20
 M 17 28
 $1/2a = 7.5mmTo = 1seg. \mu = 2.4 \Delta g = 9.6$
 C 19 42
 F 22 24
 Dist. 190 Kms.

SenNS: a=10mmTo=1seg. $\mu = 3.3$
 LenEW: a=6mmTo=2seg. $\mu = 3.3$

CAZACA:
 I_v ✓ i 04h 17m 02s
 eS 17 24
 Dist. 220 Kms. (S-H)

Novbre. 15
 Próximo Costas de Kamchatka.
 U.S.C.G.S:
 51 1/2°N 158°E
 H=16h 30m 29s

TACUBAYA:
 I_u ✓ eP 16h 42m 49s
 Desviación indefinida.
 e 43 05
 e 43 30
 eS 52 51
 Dist. 9110 Kms.

Novbre. 15 - TACUBAYA:
 I_d ✓ iPg 20h 44m 44s
 iSg 44 47
 M ?
 C 45 09
 F 45 32
 Dist. 22 Kms.

Novbre. 16
 MERIDA:
 I_? i 05h 08m 10s
 i 08 12
 i 09 10
 i 09 13

COMITAN:
 I_? ✓ i 05h 09m 40s
 e 05h 09m 50s
 10 30s

Novbre. 16 - TACUBAYA:
 I_v ✓ iL 05h 49m 55s

Novbre. 16 - TACUBAYA:
 I_d ✓ iPg 13h 44m 17s
 iSg 44 19
 Dist. 15 Kms.

I_d ✓ iPg 16h 09m 49s
 iSg 09 51
 Dist. 15 Kms.

I_d ✓ iPg 18h 56m 45s
 iSg 56 50
 Dist. 37 Kms.

I_d ✓ iPg 20h 19m 08s
 iSg 19 11
 Dist. 22 Kms.

I_d ✓ iPg 21h 01m 15s
 iSg 01 17
 Dist. 15 Kms.

Novbre. 16
 CHIHUAHUA:
 (Tiempo dudoso)
 I_? ✓ e 22h 22m 08s

Novbre. 16
 CHIHUAHUA:
 (Tiempo dudoso)
 I_? ✓ e 23h 48m 12s
 e 48 22
 e 48 26
 e 48 44
 i 49 00
 i 49 02

Novbre. 17
 CHIHUAHUA:
 (Tiempo dudoso)
 I_v ✓ e 04h 47m 56s
 e 48 12
 e 49 10
 e 49 16
 e 57 32

Novbre. 17
 Epicentro # 1
 16° 23'N 98° 52'W
 H=06h 16m 14s
 Mag. 4.8 (Tac)

CAZACA:
 I_v ✓ eP 06h 16m 15s

✓ i 06h 17m 02s
 Dist. 250 Kms. (P-H)

TACUBAYA:
 II_v iP 06h 17m 02s
 i 17 37
 ✓ iL 17 42
 M 18 08

$1/2a = 15mmTo = 1seg. \mu = 4.8 \Delta g = 19$
 C 19 20
 F 21 03
 Dist. 329 Kms.

LenNS: a=11mmTo=1seg. $\mu = 3.63$
 LenEW: a=12mmTo=1seg. $\mu = 4.08$

PUEBLA:
 I_v ✓ e 06h 17m 25s
 Dist. 300 Kms. (medida)

Novbre. 17
 Baja California.
 U.S.C.G.S:
 H=06h 43m 00s
 Mag. 5 (Pas)

CHIHUAHUA:
 I_v ✓ eP 06h 44m 40s
 e 45 02
 ✓ e 45 30
 e 45 40
 i 45 41
 i 46 10
 i 46 30
 e 46 32

TACUBAYA:
 Registró. Faltaron las marcas del tiempo.

Novbre. 17 - TACUBAYA:
 I_v ✓ iL 13h 45m 30s

Novbre. 17 - TACUBAYA:
 I_v ✓ i 16h 44m 06s
 i 44 08

Novbre. 17 - TACUBAYA:
 I_v i 17h 41m 22s
 ✓ i 41 40
 i 41 41
 i 41 57

Novbre. 17 - TACUBAYA:
 I_d ✓ iPg 22h 09m 11s
 iSg 09 19
 Dist. 60 Kms.

Novbre. 18
 TACUBAYA:
 I_d ✓ iSg 20h 46m 38s

1957.

Novbre. 18

Inscripciones débiles.

H=23h 30m 08s

TACUBAYA:

I_v ✓ iP 23h 30m 53s
 Imp. N (claro)
 iL 31 28
 M 31 36

1/2a=8mmTo=1seg. u=3Δg=12

C 32 39
 F 33 56

Dist. 300 Kms.

PUEBIA:

I_v ✓ e 23h 31m 24s

VERACRUZ:

I_v ✓ e 23h 32m 00s
 e 32 12

GUADALAJARA:

I_v ✓ e 23h 33m 00s

Novbre. 19 - TACUBAYA:

I_? X e 19h 57m 03s
 e 57 06

Novbre. 20 - TACUBAYA:

I_d X iPg 00h 23m 04s
 iSg 23 17
 Dist. 97 Kms.

Novbre. 20

CHIHUAHUA:

I_? X i 00h 59m 55s
 i 01 00 02
 i 00 55

Novbre. 20

Islas Unimak
 H=12h 4m 23s
 Mag. 6.2 (Tac)
 U.S.C.G.S:
 54° N 165° W

CHIHUAHUA:

I_u ✓ iP 12h 49m 16s
 Desviación indefinida.
 PcP 50 34
 iPR₁ 51 01
 iS 56 31
 i 59 16
 eLr 13 02 55
 i 03 23
 i 04 39
 M 08 35

1/2a=0.2mmTo=20seg. u=30Δg=0.3
 Dist. 5500 Kms.

TACUBAYA:

I_u ✓ eP 12h 50m 46s

Desviación indefinida.

e 12h 51m 06s

✓ ePR₁ 52 48
 ePR₂ 54 06
 eS 58 48

Dist. 6660 Kms.

PenEW: a=0.4mmTo=1seg. u=C.136
 SenNS: a=0.5mmTo=3seg. u=C.81

VERACRUZ:

I_u ✓ S 12h 59m 14s
 e 13 00 24

✓ eLr 08 48
 eLr 08 54

✓ e 12 20
 e 13 40
 M 15 32

1/2a=C.5mmTo=18seg. u=52Δg=06
 Dist. 6900 Kms. (medida)

GUADALAJARA:

I_u ✓ e 13h 02m 24s

✓ e 08 00

✓ e 19 51

Dist. 6320 Kms. (medida)

MERIDA:

I_u ✓ e 13h 17m 27s

✓ e 18 00

✓ e 18 18

✓ e 22 45

Dist. 7220 Kms. (medida)

Novbre. 20 - TACUBAYA:

I_d X iPg 15h 56m 23s
 iSg 56 27

Dist. 30 Kms.

Novbre. 20

Epicentro # 18
 18° 38' N 101° 58' W
 H=18h 45m 57s

TACUBAYA:

I_v ✓ iP 18h 46m 45s

✓ iL 47 25

✓ M 47 30

1/2a=6mmTo=1seg. u=2Δg=8

✓ C 48 46

✓ F 50 06

Dist. 329 Kms. (L-H)

GUADALAJARA:

I_v X iL 18h 47m 05s

Dist. 256 Kms. (L-H)

VERACRUZ:

I_v ✓ eS 18h 48m 27s

✓ eS 48 28
 e 49 04

Dist. 600 Kms. (S-H)

Novbre. 20

H=18h 53m 00s

TACUBAYA:

I_v ✓ iP 18h 54m 02s

✓ iP 54 07

✓ iL 54 38

Dist. 300 Kms.

Novbre. 20

MAZATLAN:

I_? ✓ e 19h 31m 00s

✓ e 31 15

GUADALAJARA:

I_? ✓ e 19h 31m 48s

✓ e 33 00

CHIHUAHUA:

I_? ✓ e 19h 33m 00s

✓ e 33 29

✓ e 34 00

TACUBAYA:

I_? ✓ e 19h 33m 29s

VERACRUZ:

I_? ✓ e 19h 35m 32s

Novbre. 20

H=21h 46m 52s

TACUBAYA:

I_v ✓ iP 21h 47m 31s

✓ iL 48 02

Dist. 264 Kms.

Novbre. 22 - TACUBAYA:

I_? X e 11h 09m 39s

✓ e 09 43

Novbre. 22 - TACUBAYA:

I_v X i 13h 14m 36s

✓ i 14 39

Novbre. 22 - TACUBAYA:

I_d X iPg 20h 01m 27s

✓ iSg 01 29

✓ M 01 30

✓ C 01 51

✓ F 02 18

Dist. 15 Kms.

Novbre. 23

Islas Fox, Islas Aleutianas.
 U.S.C.G.S:
 52 1/2° N 168° W
 H=00h 58m 33s.

1957.
TACUBAYA:
 I_u ✓ eP 01h 09m 05s
 Dist. 6890 Kms.(medida)

Novbre. 24 - TACUBAYA:
 I_v X i 08h 23m 17s

Novbre. 25
 H=06h 22m 10s

TACUBAYA:
 I_v ✓ iP 06h 22m 49s
 iP 22 51
 i 23 13
 iL 23 19
 Dist. 256 Kms.

Novbre. 25
 Inscripciones muy débiles.

COMITAN:
 I_v ✓ e 09h 13m 16s

TACUBAYA:
 I_? ✓ e 09h 11m 36s
 e 17 53
 e 18 00

MERIDA:
 I_? ✓ e 09h 17m 18s
 e 19 36

Novbre. 25 - TACUBAYA:
 I_v ✓ i 21h 33m 39s

Novbre. 26
 H=03h 18m 56s

TACUBAYA:
 I_v X iP 03h 19m 41s
 iL 20 18
 M ?
 C 21 07
 F 22 20
 Dist. 307 Kms.

Novbre. 26
 Próximo Costas de Nicaragua.
 H=23h 21m 05s
 h=100 Kms.
 U.S.C.C.S.:
 11 1/2°N 86 1/2°W

COMITAN:
 I_v ✓ e 23h 27m 28s
 e 27 32
 Dist. 800 Kms.(medida)

TACUBAYA:
 I_r ✓ iP 23h 27m 32s

✓ i 23h 28m 20s
 i 29 03
 eS 30 19
 Dist. 1660 Kms.

VERACRUZ:
 I_r ✓ e 23h 27m 48s
 eS 29 10
 ePcP 32 32
 ePcP 32 36
 e(ScP) 35 42
 Dist. 1350 Kms.(S-H)

MERIDA:
 I_? ✓ e 23h 31m 39s
 i 32 45
 e 33 48
 Dist. 1070 Kms.(medida)

Novbre. 27
 H=13h 31m 58s

TACUBAYA:
 I_v ✓ iP 13h 35m 59s
 iP 36 00
 i 36 25
 iL 36 29
 Dist. 256 Kms.

Novbre. 27
 H=15h 29m 48s

TACUBAYA:
 I_v ✓ iP 15h 30m 30s
 iL 31 03
 M 31 06
 1/2a=3mmTo=1seg. u=1Ag=4
 C 31 36
 F 32 36
 Dist. 278 Kms.

Novbre. 27 - TACUBAYA:
 I_d X iP 18h 53m 51s

Novbre. 28
 H=03h 55m 54s
 Mag. 4.3

TACUBAYA:
 I_v ✓ iP 03h 56m 36s
 iL 57 10
 i 57 16
 M 57 33
 1/2a=12mmTo=1seg. u=1Ag=16
 C 58 48
 F 04 00 38
 Dist. 285 Kms.

LenNS: a=3.5mmTo=1seg. u=1.15
 LenEW: a=1mmTo=1seg. u=1.36

OAXACA:
 I_v ✓ i 03h 56m 52s

Novbre. 28 - TACUBAYA:
 I_v X i 08h 36m 47s

Novbre. 28
TACUBAYA:

I_d X iPg 14h 01m 41s
 iSg 01 45
 Dist. 30 Kms.

I_d X iPg 22h 21m 49s
 iSg 21 53
 Dist. 30 Kms.

Novbre. 29
TACUBAYA:

I_d X iPg 16h 56m 01s
 iSg 56 05
 M 56 10
 C 56 20
 F 56 41
 Dist. 30 Kms.

I_d X iPg 19h 39m 14s
 iSg 39 16
 M 39 20
 C 39 35
 F 40 04
 Dist. 15 Kms.

Novbre. 29
 Ligeros daños al -
 Norte de Chile.
 H=22h 19m 32s
 h=200 Kms.
 Mag. 7.1 (Tac)
 U.S.C.G.S:
 21°S 66°W

COMITAN: 347
 I_u ✓ iP 22h 27m 40s
 Desviación indefinida.
 i 28 32
 iS 34 04
 i 35 02
 M 39 00
 1/2a=4.5mmTo=15seg. u=265Ag=4.7
 Dist. 5060 Kms.

MERIDA: 611
 II_u ✓ iP 22h 28m 00s
 Dilatación -Z (claro)
 iP 28 03
 esP 29 04

1957.

PR₁ 22h 30m 00s
 i 30 48
 iS 34 28
 iS 34 33
 iS 34 36
 i 36 12
 i 36 16
 esSR₁ 39 21
 esSR₁¹ 39 24
 i₁ 52 08
 i 54 45
 C 23 01 21
 F ?
 Dist. 5335 Kms.

PUEBLA: 723
 I_u iP 22h 28m 24s
 PoP 29 28
 eS 36 56
 Dist. 5760 Kms.

VERACRUZ: 911
 III_u iP 22h 28m 28s
 Dilatación -Z (claro)
 iP 28 32
 iS 35 20
 iS 35 28
 sS 36 57
 isS 37 08
 iSR₂ 40 51
 iSR₂ 41 00
 i 43 36
 M 47 54
 $1/2a=7mmTo=18seg \mu=325Ag=4$
 i 52 05
 i 23 08 15
 Dist. 5600 Kms.

TACUBAYA: 833
 II_u iP 22h 28m 31s
 Dilatación -Z (claro)
 iP 28 33
 i 28 47
 iPeP 29 27
 iPeP 29 34
 iPR₁ 30 41
 iScP 33 13
 eS 35 41
 i 36 00
 e 37 15
 oSCS 37 50
 i 38 02

- 9 -

i 22h 39m 45s
 Dist. 5820 Kms.
 PenNS: a=3mmTo=2seg $\mu=1.62$
 iPR₁enNS: a=13mmTo=2seg $\mu=7.01$
 SenEW: a=9.5mmTo=3seg $\mu=15.4$

GUADAJAJARA: 428
 III_u iP 22h 28m 57s
 Dilatación -Z (claro)
 iPeP 29 57
 i 30 53
 i 35 21
 iS 36 21
 iS 36 26
 i 37 00
 i 37 58
 i 38 30
 i 39 52
 iSR₁ 40 29
 SR₂¹ 42 58
 e 53 19
 i 53 37
 i 59 07
 Dist. 6220 Kms.

MAZATLAN: 601
 III_u iP 22h 29m 13s
 Dilatación -Z (claro)
 i 30 12
 e 35 50
 eS 36 58
 eScS 38 38
 e 44 20
 M 48 18
 $1/2a=0.5mmTo=20seg \mu=64.7Ag=0647$

C 53 30
 F ?
 Dist. 6550 Kms.

CHIHUAHUA: 521
 III_u iP 22h 29m 44s
 Dilatación -Z (claro)
 iP 29 45
 ipP 30 39
 iS 37 52

iS 22h 37m 59s
 iScS 38 53
 i 39 31
 i 41 07
 iSR₂ 44 55
 eG 45 27
 M 51 07

$1/2a=0.5mmTo=20seg \mu=2064Ag=0206$
 i 23 00 11
 Dist. 7000 Kms.

MANZANILLO:
 Registró.- Faltaron las marcas del tiempo.
 Dist. 6165 Kms.(medida)

OAXACA:
 Registró.- Faltaron las marcas del tiempo.
 Dist. 5500 Kms.(medida)

Novbre. 29
 TACUBAYA:
 I_d iPg 00h 01m 51s
 iSg 01 56
 Dist. 37 Kms.

Novbre. 30
 TACUBAYA:
 I_d iPg 21h 43m 25s
 iSg 43 30
 M 43 33
 C 44 00
 F 44 27
 Dist. 37 Kms.

Datos microsísmicos de la Estación de Mérida.
 Componente N S NOVIEMBRE 1957. Componente E W

Día	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	...			...			...			2	0.2	3.8	...			...			2	0.2	3.4			
2	2	0.2	3.6	2	0.2	4	2	0.2	4.6	2	0.2	3.2	2	0.2	3.2	2	0.2	3.6	2	0.3	3	2	0.2	5.8		
3	2	0.2	3.4	2	0.2	3.4	2	0.2	3.8	2	0.2	3.4	2	0.2	5.8	2	0.2	6.2	2	0.2	5.2	2	0.2	3.2		
4	2	0.2	3.4	2	0.2	3.2	2	0.2	3.4	2	0.2	3.2	2	0.2	3.4	2	0.1	3.6	2	0.2	4.2	2	0.2	3.8		
5	2	0.2	3.6	2	0.2	3.4	2	0.2	3	2	0.2	3.8	2	0.2	3.2	2	0.2	3	2	0.2	3.2	2	0.2	3		
6	2	0.2	3.2	2	0.2	3.2	2	0.2	3.4	2	0.2	2.8	2	0.2	3.6	2	0.2	4.4	2	0.2	4.2	2	0.2	3		
7	2	0.3	3.4	2	0.2	2.6	2	0.2	2.8	2	0.3	3	2	0.2	3.4	2	0.2	3.6	2	0.2	3.2	2	0.2	2.6		
8	2	0.3	2.8	2	0.3	2.6	2	0.3	2.8	2	0.2	3	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.2	3		
9	2	0.2	3	2	0.3	3.2	2	0.2	3	2	0.4	3.3	2	0.2	3	2	0.2	3	2	0.2	3.4	2	0.2	3.6		
10	1	0.6	3.2	1	1.4	3.2	1	1.5	3.8	1	1.3	4	2	0.3	3	2	0.3	3	1	0.5	3.2	1	1.2	3.4		
11	1	1.7	4	1	1.8	4	1	1.6	4.2	1	1.5	4.4	1	1	3.2	1	1.3	4	1	1	3.2	1	1	4		
12	1	1.5	4	1	1.5	4.2	1	1.4	4.2	1	0.4	4	1	1	3.6	1	1	3.6	1	0.8	3.2	2	0.5	3.4		
13	1	0.9	3.8	1	0.8	3.6	2	0.7	3.4	2	0.6	3.2	2	0.4	3.2	2	0.4	3.2	2	0.3	3	2	0.4	3.2		
14	1	0.7	3.4	1	0.5	3.4	1	0.7	3.4	2	0.5	3	2	0.2	3	2	0.2	3.2	2	0.2	3.4	2	0.3	3		
15	2	0.4	3	2	0.3	3	2	0.3	3	2	0.3	3	2	0.2	3	2	0.2	3.2	2	0.2	3.2	2	0.2	4.6		
16	2	0.2	2.8	2	0.3	3	2	0.2	2.8	2	0.3	3.2	2	0.2	3.8	2	0.2	4.4	2	0.2	4.6	2	0.2	3.2		
17	2	0.3	2.8	2	0.3	2.8	2	0.3	3	2	0.3	2.6	2	0.2	4.4	2	0.2	3.6	2	0.2	3.8	2	0.2	3.2		
18	2	0.3	2.8	2	0.3	3	2	0.3	3	2	0.4	2.8	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.4	3.4		
19	1	0.4	2.6	1	0.5	3.4	1	0.5	3.2	1	0.5	2.8	2	0.4	3.4	1	0.5	3.2	2	0.5	3.2	2	0.3	3.1		
20	1	0.5	3.4	1	0.4	3	2	0.6	3	1	0.7	3.4	2	0.2	3.2	2	0.4	3.2	2	0.9	3.2	1	0.5	3.2		
21	1	0.7	3.6	1	0.6	3.6	1	0.8	3.4	1	0.6	3.4	1	0.4	3.6	1	0.5	3.8	2	0.4	3.4	2	0.3	3.4		
22	2	0.4	3	1	0.4	3	1	0.7	3	1	0.5	3	2	0.3	3.4	2	0.3	3	2	0.4	3	1	0.3	3		
23	1	0.5	3	1	0.5	3	1	0.5	3.2	1	0.9	3.4	1	0.4	3	1	0.4	3	2	0.2	3.4	1	0.7	3.2		
24	1	1.2	3.4	1	1.1	3.4	1	1.1	3.4	1	0.9	3.2	1	0.9	3	1	0.7	3	1	0.7	3.2	1	0.7	3.4		
25	1	0.9	3.4	1	0.9	3.2	1	0.7	3.2	1	0.8	3.4	1	0.7	3.2	1	0.6	3.2	1	0.4	3.2	1	0.6	3.6		
26	1	0.8	3.6	1	0.6	3.8	1	0.6	3.4	2	0.5	3.2	2	0.8	3.2	2	0.8	3.4	2	0.6	3.6	1	0.4	3.6		
27	2	0.5	3.2	2	0.4	3	2	0.4	3	1	0.8	3	2	0.5	3.4	2	0.3	3.2	2	0.3	3	1	0.5	3		
28	1	0.7	3	2	0.5	3	2	0.3	3	2	0.3	3	2	0.5	3	2	0.3	3.2	2	0.3	3.2	2	0.2	3		
29	2	0.2	3	2	0.2	3	2	0.2	3.2	2	0.2	3	2	0.2	3	2	0.2	3.6	2	0.2	3.2	2	0.2	3		
30	2	0.2	3	2	0.2	3	2	0.2	3	2	1	4	2	0.2	3	2	0.2	3	2	0.2	3	2	0.9	3.4		

Componente Z

Día	K	A	T	K	A	T	K	A	T	K	A	T	Día	K	A	T	K	A	T	K	A	T	K	A	T
1°	...			...			...			2	0.2	3	16	2	0.2	4	2	0.2	3.6	2	0.2	3.8	2	0.2	3.4
2	2	0.2	3.2	2	0.4	5.2	2	0.3	3.6	2	0.2	2.2	17	2	0.2	3.4	2	0.2	3.6	2	0.2	3.6	2	0.3	3.2
3	2	0.3	3.2	2	0.3	4.4	2	0.3	3.8	2	0.2	3.8	18	2	0.3	3.2	2	0.2	2.8	2	0.2	3	2	0.2	3.8
4	2	0.3	4.2	2	0.2	3.8	2	0.2	3.4	2	0.3	3.6	19	2	0.2	4	2	0.3	4.2	2	0.3	3.8	2	0.2	3
5	2	0.2	3.4	2	0.3	3.2	2	0.3	3.4	2	0.3	3.8	20	2	0.2	3	2	0.2	3.4	2	0.2	3.2	2	0.2	3.2
6	2	0.3	3.2	2	0.3	3.6	2	0.3	3.6	2	0.3	3.8	21	2	0.2	2.8	2	0.3	3	2	0.3	3.4	2	0.3	3.8
7	2	0.2	3.2	2	0.3	4.2	2	0.3	4.4	2	0.2	3.4	22	2	0.3	3.6	...	...	...	...	...	...	2	0.2	2.8
8	2	0.3	3.6	2	0.3	4.4	2	0.3	4.2	2	0.2	4.2	23	2	0.2	3	2	0.3	3	2	0.3	3	2	0.3	3.2
9	2	0.3	4.4	2	0.2	4.4	2	0.2	3.8	2	0.3	3.6	24	2	0.3	3.2	2	0.4	3.4	2	0.3	3.4	2	0.2	2.8
10	2	0.2	3.6	2	0.3	3.6	2	0.3	3.8	2	0.4	3.6	25	...	...	...	...	...	...	...	...	...	...	...
11	2	0.4	3.8	2	0.5	3.6	2	0.4	3.4	2	0.5	3.4	26	...	...	...	...	...	...	...	...	...	2	0.3	3
12	2	0.5	3.6	2	0.5	3.2	2	0.4	3.4	2	0.4	3.6	27	2	0.2	3	...	...	...	...	...	...	2	0.2	3.2
13	2	0.3	3.6	2	0.3	3.8	2	0.3	3.8	2	0.2	4.2	28	2	0.2	3.4	2	0.2	3.4	2	0.2	3.4	2	0.2	3.6
14	2	0.4	3.6	2	0.3	3.8	2	0.2	4	2	0.3	3.4	29	2	0.2	3.6	2	0.2	3.4	2	0.2	3.4	2	0.2	3.6
15	2	0.3	3	2	0.2	3	2	0.2	3.2	2	0.2	3.8	30	2	0.2	3.8	2	0.2	4	2	0.2	4	2	0.2	3.6

Datos microsísmicos de la Estación de Veracruz.

Componente N S

NOVIEMBRE 1957.

Componente E W

Día:	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	2	1	5.8	2	0.8	5.8	2	0.8	5.6	2	0.9	5.8	2	0.6	3.2	0,0	2	0.5	3	2	0.9	5.6	2	0.9	5.6	
2	2	1.1	5.4	2	0.9	5.8	2	0.5	5.8	...	...	...	2	0.9	5.8	2	0.8	5.6	2	0.4	5.8	...	...	...
3	2	0.8	6	2	0.6	5.8	2	0.7	6	2	0.9	6	2	0.6	6	2	0.5	5.6	2	0.6	6	2	0.9	3.8		
4	2	0.8	6	2	0.8	5.8	2	0.6	5.6	2	1.3	6.2	2	0.9	6	2	0.9	3.6	2	0.7	5.6	2	0.8	5.6		
5	2	1.2	5.8	2	0.8	5.4	2	1	6	2	1.4	6.2	2	0.9	4.8	2	0.7	5.2	2	0.8	4.8	2	1	6.2		
6	2	1.2	6	2	0.9	6	2	1.2	5.6	2	1.2	6.2	2	0.8	5.2	2	0.8	5.6	2	0.7	5.4	2	0.9	5.2		
7	2	1.1	5.8	2	0.8	6	2	0.9	5.8	2	1.3	6	2	1	6.2	2	0.8	4.2	2	0.8	4.8	2	1.1	4.4		
8	2	1.3	6	2	1.1	6	2	1.3	6.4	2	3.3	3	2	0.9	6.2	2	0.8	5.8	2	1.2	6.4	2	2.2	3		
9	2	5.1	3.2	2	3.6	3.2	2	3.8	3.2	2	2.9	3.8	2	3.8	3.4	2	2.2	3.6	2	2.4	3.4	2	2.2	3.6		
10	2	3.7	3.6	2	3.3	3	2	2.5	3.2	2	2	3.6	2	2.3	4.4	2	2.6	3.4	2	2.5	3.2	2	2.4	3.4		
11	2	1.6	5.2	2	1.7	4.8	2	1.8	5.2	2	2.4	3.6	2	1.8	4.8	2	2.1	4.8	2	2.1	4.4	2	1.1	4.2		
12	2	2.1	3.4	2	1.9	3.4	2	1.6	3	2	1.6	5.8	2	2	3.4	2	2	3.6	2	1.1	3.6	2	1.1	4.4		
13	2	1.5	4.4	2	0.9	4	2	1.1	3.2	...	...	...	2	1.1	4	2	1.4	3.2	2	1	3.4	...	...	...
14	2	1.7	5.8	2	1.2	4.6	2	1.3	5.4	2	1.2	5.2	2	1.7	5	2	1.2	3.8	2	1.3	3.6	2	1.1	5		
15	2	1.2	6.2	2	1.6	6	2	1	5.8	2	1	6	2	1	6	
16	2	1.2	5.6	2	0.8	5.8	2	0.8	5.2	2	0.9	6	2	1	5.8	2	0.9	5.2	2	0.9	3.8	2	1	6		
17	2	0.8	6	2	0.6	6	2	0.7	4.2	2	0.8	5.6	...	...	...	2	0.7	5.4	0,0	...	...	2	0.8	5.6
18	2	0.9	5.8	2	0.9	5.8	2	0.9	6	2	1	5.4	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	2	0.8	5.6		
19	2	1	6	2	0.9	3.2	2	4.4	3	2	2.3	3.4	2	0.9	5.4	2	7.4	3.2	2	3.7	3	2	1.2	5.4		
20	2	1.6	4.2	2	1.1	6	2	1.5	6	2	1.1	5.4	2	1.8	3.4	2	1.1	5.8	2	1.2	6	2	1.1	5.6		
21	2	1.5	5.4	2	1.1	4.8	2	1	5.2	2	1.3	6	2	1.3	5.2	2	1.1	4	2	1.2	5	2	1.3	4.6		
22	2	1.6	5	2	1.1	4.8	2	0.9	3.4	...	...	...	2	1.2	4.4	2	1.1	3.6	2	0.9	4	...	...	...
23	...	...	...	...	...	...	...	...	2	3.4	3.2	...	...	...	...	...	...	...	...	...	...	2	2.5	3.8
24	2	2.6	5.2	2	2.1	5.2	2	3.3	3	2	3.1	3.4	2	3	4.2	2	2.8	3	2	3.1	3	2	2.7	3.4		
25	2	3.1	3.4	2	2.8	3	2	2.8	3	2	3.8	3.8	2	2.7	3.2	2	3	3.4	2	2.9	3.2	2	3.3	3.6		
26	2	3.3	3.6	2	3	4	2	2.4	4.2	...	...	...	2	3.4	3.8	2	3.1	4	2	2.9	3.4	...	...	...
27	2	1.5	3.8	2	1.1	3	2	0.8	5.2	2	0.9	5.4	2	1.2	4.2	2	0.9	3.6	2	0.9	4.2	2	0.8	5.2		
28	
29	...	...	2	0.4	5.6	2	1	5.4	2	1.3	6	...	...	...	...	...	...	...	...	...	...	2	1.4	6
30	...	...	2	2.7	3	2	3.6	3.6	2	7.4	5.8	...	...	...	2	1.4	6	2	3.7	3.2	2	8.8	5.8	

Componente Z																												
Día:	0 ^h			06 ^h			12 ^h			18 ^h			Día:	0 ^h			06 ^h			12 ^h			18 ^h					
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	2	0.5	4.2	0,0	2	0.5	3.8	2	0.5	3.4	16	2	0.5	3	0,0	2	0.5	3	2	0.5	3	2	0.6	...				
2	2	0.5	3.2	2	0.5	3.4	2	0.5	3.8	0,0	17	2	0.5	3	2	0.5	3	0,0	0,0	0,0	0,0	0,0	0,0	0,0				
3	0,0	0,0	0,0	0,0	0,0	0,0	2	0.5	3.2	18	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,0	2	0.7	3.2				
4	2	0.5	3	2	0.5	3.8	0,0	2	0.5	3.2	19	2	0.6	3	2	5.9	3.2	2	4.1	3	2	1.6	3	2	1.6	3		
5	2	0.6	3	2	0.6	3.2	2	0.5	3	2	0.5	3.6	20	2	0.9	3	0,0	0,0	0,0	0,0	0,0	2	0.6	3	2	0.6	3	
6	2	0.5	3.6	2	0.5	3.2	2	0.5	3.2	2	0.5	3.2	21	2	0.5	2	2	0.6	2.6	...	...	...	...	...	...	...
7	2	0.5	3.2	2	0.6	3	2	0.5	3.2	2	0.5	3.8	22	2	0.8	3.2	2	0.5	3.2	...	...	...	...	...	...	...	...
8	2	0.5	3	2	0.5	3	2	0.5	3	2	1.8	3	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	2	2.4	3	2	2.5	3.4	2	1.3	3.4	2	3.1	3.8	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	2	1.9	4	2	1.7	3.8	2	1.3	3.2	2	1.2	3.2	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	2	1	3	2	1.1	3.4	2	1.2	3	2	1.2	3.4	26	2	1.4	3.2	2	0.9	3.2	2	0.7	3.4	...	...	...	...	...
12	2	1.4	3	2	1.2	3	2	1.2	3	2	0.8	4.2	27	2	0.7	4	2	0.6	3.6	2	0.5	3.2	2	0.5	3.4	2	0.5	3.4
13	2	1	3.8	2	0.9	3.8	2	0.6	4	28	2	0.5	3.8	2	0.5	3.4	2	0.5	4	2	0.6	3.2	2	0.6	3.2
14	2	0.5	3.4	2	0.7	3.4	2	0.6	2.8	2	0.6	3	29	2	0.6	3.6	2	0.6	3.2	2	0.6	3	2	0.7	3	2	0.7	3
15	2	0.7	3	2	0.7	2.8	2	0.5	3	2	0.6	3.6	30	2	0.8	2.8	2	1.2	2.8	2	1.9	2.8	2	5	5.2	2	5	5.2

I.G.Y.

14 NOVIEMBRE 1957.

R.W.D.

H O R A S	TACUBAYA									MERIDA									VERACRUZ								
	N - S			E - W			Z	N - S			E - W			Z	N - S			E - W			Z						
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T			
0	2	0.7	4.8	2	0.4	4.2	2	0.6	4	1	0.7	3.4	2	0.2	3	2	0.4	3.6	2	1.7	5.8	2	1.7	5	2	0.5	3.4
1	2	0.5	4.8	2	0.4	3.6	2	0.6	3.6	1	0.7	3.2	2	0.3	3	2	0.3	3.8	2	1.9	5.6	2	1.4	4.4	2	0.7	3.8
2	2	0.3	3.6	2	0.2	3.2	2	0.5	3.2	1	0.6	3	2	0.3	3.1	2	0.3	4.2	2	1.4	5.4	2	1.3	4.2	2	0.8	3.6
3	2	0.5	4.6	2	0.3	4.2	2	0.6	3	1	0.6	3	2	0.3	3.4	2	0.3	4	2	1.6	4.6	2	1.3	4.2	2	0.8	3.4
4	2	0.5	5	2	0.3	4.4	2	0.5	3.2	1	0.7	3	2	0.2	3.2	2	0.3	4.2	2	1.6	5.6	2	1.4	4	2	0.7	3.2
5	2	0.5	5	2	0.3	2.8	2	0.4	3.2	1	0.5	3	2	0.3	3	2	0.3	4	2	1.5	4.4	2	1.7	3.2	2	0.6	3.2
6	2	0.7	4.6	2	0.1	2.2	2	0.5	3.4	1	0.5	3.4	2	0.2	3.2	2	0.3	3.8	2	1.2	4.5	2	1.2	3.8	2	0.7	3.4
7	2	0.3	3.6	2	0.1	2.2	2	0.7	3	1	0.5	3.2	2	0.2	3	2	0.3	4	2	0.9	3.6	2	1.2	3.8	2	0.6	3.2
8	2	0.5	4.8	2	0.1	2	2	0.5	2.8	1	0.5	3.2	2	0.2	3.2	2	0.3	3.8	2	1.3	3	2	1.5	3.6	2	0.5	2.6
9	2	0.4	4.6	2	0.1	1.8	2	0.5	2.6	1	0.4	3	2	0.2	3	2	0.2	3.8	2	1.1	3.6	2	1.2	3.4		0,0	
10	2	0.2	4.4	2	0.1	2.4	2	0.5	2.8	1	0.4	3	2	0.2	3.2	2	0.3	3.6	2	1.1	3.4	2	1.2	4	2	0.5	2.6
11	2	0.5	4.6	2	0.1	2.4	2	0.5	3	1	0.4	3.2	2	0.2	3	2	0.2	3.6	2	1.1	3.8	2	1.4	4	2	0.5	2.4
12	2	0.6	4.8	2	0.4	3.6	2	0.6	4	1	0.7	3.4	2	0.2	3.4	2	0.2	4	2	1.3	5.4	2	1.3	3.6	2	0.6	2.8
13	2	0.5	4.6	2	0.2	3.2	2	0.5	3.4	1	0.4	3	2	0.2	3.2	2	0.2	3.8	2	1.5	5	2	1.5	4.2	2	0.8	3.2
14	2	0.3	4.4	2	0.4	4	2	0.6	3	1	0.4	3.2	2	0.2	3.2	2	0.2	3.8		...			...		2	0.9	3
15	2	0.6	4.6	2	0.6	3.8	2	0.6	3.2	1	0.5	3	2	0.3	3	2	0.2	3.2	2	1.8	5.8	2	1.2	4.8	2	1.	2.2
16	2	0.6	4.8	2	0.3	3.2	2	0.7	3	2	0.5	3.2	2	0.3	3	2	0.2	3.4	2	1.4	5.2	2	1.3	5.2	2	0.7	3
17	2	0.7	4.6	2	0.8	4.8	2	0.6	3.4	2	0.5	3.2	2	0.2	3.2	2	0.2	3.6	2	1.4	6	2	1.3	4.8	2	0.7	3.2
18	2	0.4	4.2	2	0.5	3.6	2	0.6	3.8	2	0.5	3	2	0.3	3	2	0.3	3.4	2	1.2	5.2	2	1.1	5	2	0.7	3
19	2	0.7	5	2	0.2	1.8	2	0.6	3.4	2	0.5	3.2	2	0.3	3.2	2	0.3	3.4	2	1.4	5.6	2	1.3	5	2	0.9	2.2
20	2	0.5	4.2	2	0.4	3.6	2	0.6	3.2	2	0.5	3	2	0.2	3.6	2	0.3	3.2	2	1.5	5.2	2	1.4	4	2	0.8	2.8
21	2	0.8	4.8	2	0.1	2.4	2	0.6	3.4	2	0.5	3.2	2	0.2	3.4	2	0.3	3.8	2	1.3	4.6	2	1.2	3.8	2	0.7	2.8
22	2	0.7	3.8	2	0.5	3.6	2	0.4	3.4	2	0.5	3.2	2	0.2	3.4	2	0.3	3.6	2	1.4	5.2	2	1.3	3.6	2	0.7	2.2
23	2	0.5	3.6	2	0.3	3.2	2	0.4	3	2	0.5	3.2	2	0.2	3.6	2	0.3	3.6	2	1.4	5	2	1.3	3.6	2	0.9	3
21 NOVIEMBRE 1957.																											
0	2	0.7	5	2	0.3	4		...		1	0.7	3.6	1	0.4	3.6	2	0.2	2.8	2	1.5	5.4	2	1.3	5.2	2	0.5	2
1	2	0.6	4.8	2	0.1	1.8	2	0.6	4	1	0.6	3.6	1	0.8	3.4	2	0.3	3.4	2	1.7	4.8	2	1.2	5	2	0.6	2.6
2	2	0.6	4.8	2	0.4	3.6	2	0.6	3.2	1	0.7	3.6	1	0.6	3.2	2	0.3	3.4	2	1.3	5.8	2	1.4	4.4	2	0.7	2.6
3	2	0.5	4.8	3	0.4	5	2	0.6	3.8	1	0.8	3.4	1	0.5	3.4	2	0.2	3.4	2	1.4	5.4	2	1.3	4.6	2	0.7	2.8
4	2	0.6	4.6	2	0.2	3.2	2	0.6	3.6	1	0.9	3.4	1	0.5	2.4	2	0.3	3.2	2	1.4	5.4	2	1.3	4.2	2	0.7	2.6
5	2	0.6	5	2	0.2	3.4	2	0.5	3.4	1	0.8	3.4	1	0.5	3.2	2	0.3	3.4	2	1.2	4.6	2	1.5	4	2	0.7	2.4
6	2	0.6	4.6	2	0.1	2.4	2	0.4	3.4	1	0.6	3.6	1	0.5	3.0	2	0.3	3	2	1.1	4.8	2	1.2	4	2	0.6	2.6
7	2	0.5	4.6		0,0		2	0.4	3	1	0.7	3.4	1	0.4	3.2	2	0.2	3.6	2	1	4.6	2	1.4	4.4		0,0	
8	2	0.5	4.6		0,0		2	0.5	3.4	1	0.7	3.2	1	0.4	3.4	2	0.2	3.6	2	1.3	4.2	2	1.2	3.2		0,0	
9	2	0.3	4.4	2	0.4	4.8	2	0.5	3.2	1	0.6	3	1	0.4	3.2	2	0.2	3.8	2	1	4.6	2	1.2	3.6		0,0	
10	2	0.5	4.6	2	0.1	2.4	2	0.5	3.2	1	0.6	3	1	0.5	3	2	0.2	3.6	2	1	3.8	2	1.3	4		0,0	
11	2	0.3	4.2	2	0.2	4.2	2	0.5	3	1	0.6	3	1	0.4	3	2	0.2	3.8	2	1	3.6	2	1.3	5		...	
12	2	0.6	4.8	2	0.2	3.2	2	0.6	3.4	1	0.8	3.4	2	0.4	3.4	2	0.3	3.4	2	1	5.2	2	1.2	5		...	
13	2	0.6	4.6	2	0.3	4.4	2	0.6	3.6	1	0.7	3.2	2	0.3	3.2	2	0.2	3.4	2	1.2	5.2	2	1.7	6.2		...	
14	2	0.5	4.8	2	0.5	4.6	2	0.5	3.4	1	0.6	3	2	0.4	3	2	0.2	3.4	2	1.3	5	2	1.3	4.6		...	
15	2	0.6	4.8	2	0.1	2.2	2	0.5	3.2	1	0.6	3	2	0.3	3.6	2	0.2	3.4	2	1.3	5.2	2	1.3	5.2		...	
16	2	0.6	5	2	0.2	4.2	2	0.6	3.4	1	0.5	3.2	2	0.3	3.6	2	0.2	3.2	2	1.4	5.4	2	1.3	3	2	0.7	2.6
17	2	0.6	4.8	2	0.5	4.6	2	0.6	3.8	1	0.5	3	2	0.4	3.2	2	0.2	3.6	2	1.6	4.2	2	1.4	4.2		...	
18	2	0.7	5.4	2	0.2	3.2	2	0.8	3.4	1	0.6	3.4	2	0.3	3.4	2	0.3	3.8	2	1.3	6	2	1.3	4.6	2	0.7	3.2
19	2	0.6	5	2	0.3	4.2	2	0.5	3.2	1	0.5	3.2	2	0.4	3.2	2	0.2	3.4	2	1.1	4.6	2	1.4	3.8	2	0.6	3
20	2	0.7	4.6	2	0.2	4.2	2	0.5	3	1	0.5	3	2	0.3	3	2	0.2	3.4	2	1.5	5.4	2	1.3	4.2	2	0.5	3.2
21	2	0.6	5	2	0.3	4.4	2	0.5	3.2	1	0.4	3.2	2	0.3	3	2	0.2	3	2	1.3	5	2	1.1	4.8	2	0.6	3.4
22	2	0.6	5	2	0.2	4.4	2	0.6	3.6	1	0.4	3.2	2	0.2	3	2	0.2	3.2	2	1.3	4.2	2	1.5	4	2	0.7	3.2
23	2	0.4	4.2	2	0.3	4	2	0.6	3.4	1	0.5	3.4	2	0.3	3.2	2	0.2	3	2	1.3	5	2	1.3	5	2	0.6	3.4

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UNIVERSIDAD NACIONAL DE MEXICO

Instituto de Geofísica

Estación Central de Tacubaya
Victoriano Zepeda No. 53, México 18, D. F.

Servicio Sismológico

MES DE DICIEMBRE DE 1957

Dicbre. 1°

MAZATLAN:
I_? ✓ e 07h 29m 28s
e 29 36

MANZANILLO:
I_? ✓ e 07h 31m 26s

TACUBAYA:
I_? ✓ e 07h 31m 36s
e 31 45
e 33 48
e 34 00
e 35 13
e 35 35
e 35 51

GUADAJAJARA:
I_? ✓ e 07h 32m 34s

CHIHUAHUA:
I_? ✓ e 07h 33m 32s
e 33 40
e 34 00
e 34 50

Dicbre. 1°

H=19h 29m 36s

TACUBAYA:
I_v ✓ iP 19h 30m 15s
iL 30 46
M 31 30
1/2a=2.5mmTo=1seg.μ=0.825Δg=3.3
C 31 58
F 33 02
Dist. 264 Kms.

Dicbre. 2 - TACUBAYA:

I_v ✓ i 11h 32m 30s
i 32 32

Dicbre. 2 - COMITAN:

I_? ✓ i 17h 42m 21s
i 43 37
i 43 57

MERIDA:

I_? ✓ i 17h 44m 23s
i 45 30
i 45 39
i 45 45

Dicbre. 2 - TACUBAYA:

I_v ✓ i 23h 19m 13s
iL 01 38 06

Dicbre. 3 - TACUBAYA:

I_d ✓ iPg 01h 16m 26s
iSg 16 28
M 16 31
C 16 49
F 17 16
Dist. 15 Kms.

Dicbre. 3 - TACUBAYA:

I_v ✓ iL 01h 38m 06s

Dicbre. 3

H=06h 01m 52s

TACUBAYA:

I_v ✓ iP 06h 02m 34s
iL 03 08
Dist. 285 Kms.

Dicbre. 3

H=18h 28m 30s

TACUBAYA:

I_v ✓ iP 18h 29m 13s
iL 29 48
Dist. 292 Kms.

Dicbre. 4

Mongolia

H=03h 37m 49s

Mag. 7.9 (Tac)

U.S.C.G.S:

45 1/2°N 99 1/2°E

En este macrosismo, a pesar de la prominencia de los registros en nuestras estaciones, hay inconsistencia en la asignación de fases para las distancias epicentrales.

CHIHUAHUA:

III_u ✓ eP 03h 51m 43s
ePR₁ 55 51
e 56 13

i 03h 57m 14s
e 58 11
i 04 02 33
iS 03 31
e 04 55
e 05 11
iPPS 05 35
ePSPS 10 40
e 14 35
e 21 55
e 22 15
e 25 07
i 30 05
M 40 25

1/2a=11.5mmTo=20seg.μ=475Δg=4.75
M₂ 41 53

1/2a=11.5mmTo=18seg.μ=377Δg=4.69
C 05 36 51
F 06 52 35
Dist. 11330 Kms.

GUADAJAJARA:

III_u ✓ e 03h 54m 32s
i(PR₁) 57 20
ePR₂ 59 30
ePPS 04 07 12
e 13 00
ePKPPKP 17 00
e 25 37
e 32 00
e 33 12
e 33 20
e 38 40
e 40 16
M 47 52

1/2a=9mmTo=20seg.μ=981Δg=9.81
C 55 12
F 06 00 16
Dist. 12220 Kms. (medida)

COMITAN:

III_u ✓ e 03h 56m 12s
e(PR₁) 57 56
e 58 10
ePR₂ 04 00 00
e 03 38
ePS 07 12
e 07 48
e 08 00

1957
 ✓ eSR₂ 04h 18m 20s
 e 23 52
 e 24 28
 e 31 20
 e 36 40
 e 37 28
 M 51 40

1/2a=3.5mmTo=20seg. $\mu=381$ $\Delta g=3.81$
 C 05h 10 00
 F 06 27 00
 Dist. 13050 Kms.

TACUBAYA:

III_u ePKP 03h 56m 32s **823**
 ePKP 56 35
 ePR₁ 57 14
 e 57 35
 e 57 56
 PR₂ 59 37
 e 04 00 50
 e 01 56
 eSKS 03 14
 eSKKS 04 09
 eS 04 52
 e(S) 05 02
 ePS 06 32
 e 06 54
 e 07 01
 e 07 20
 eSR₁ 12 23
 e 13 15
 eSR₂ 17 14
 e 17 30
 eLq 23 19
 M 45 06

1/2a=5mmTo=20seg. $\mu=442$ $\Delta g=4.42$
 C 05 26 22
 F 06 17 24
 Dist. 12550 Kms.

MERIDA:

III_u ePR₁ 03h 57m 24s **611**
 PR₁ 57 27
 e 57 39
 ePS 04 07 00
 iPKKP 07 27
 e 08 16
 iPPS 08 21
 i 22 52
 eLq 23 00
 i 24 00
 iG 24 15
 M 49 00

1/2a=21mmTo=24seg. $\mu=1275$ $\Delta g=8.9$
 C 05 28 00
 F 37 00
 Dist. 12550 Kms. (medida)

VERACRUZ:

911
 III_u e(PR₁) 03h 57m 40s
 e 57 52
 eSKS 04 03 12
 i 05 28
 i 07 40
 iPPS 08 00
 iLq 24 00
 i 27 40
 i 33 12
 e 33 32
 i 39 24
 M 48 12

1/2a=12.2mmTo=20seg. $\mu=1328$ $\Delta g=1328$
 C 06 10 44
 F 07 17 00
 Dist. 12660 Kms. (medida)

MANZANILLO:

593
 II_u ePR₂ 03h 59m 28s
 eS 04 04 38
 ePPS 07 42
 ePSPS 14 28
 e 37 10
 M 05 45 30

1/2a=6mmTo=20seg. $\mu=655$ $\Delta g=6.55$
 C 06 08 46
 F 07 12 10
 Dist. 12440 Kms.

PUEBLA:

I_u e 04h 32m 52s
 e 38 01
 e 38 44
 e 46 24

Dist. 12550 Kms. (medida)

OAXACA:

Registró.-Faltaron las marcas del tiempo.
 Dist. 12890 Kms. (medida)

MAZATLAN:

Registró.-Faltaron las marcas del tiempo.
 Dist. 11940 Kms. (medida)

Dicbre. 5 - TACUBAYA:

I_d iPg 20h 39m 05s
 i
 I_d iPg 20h 54m 13s
 iSg 54 18
 Dist. 37 Kms.

Dicbre. 6 - TACUBAYA:

I_v i 10h 33m 01s

Dicbre. 7 - TACUBAYA:

I_v i 06h 12m 01s

Dicbre. 7

República de Guatemala.
 Epicentro probable:
 15°14'N 91°15'W
 H=08h 23m 57s
 Mag. 5.6 (Tac)

COMITAN:

III_v iP 08h 24m 22s
 Compresión en el horizontal.
 iL 24 37
 M 24 44
 C 28 30
 F 34 40
 Dist. 147 Kms.

OAXACA:

(Tiempo dudoso)

I_v iP 08h 25m 24s
 i 26 12
 iS 26 32
 Dist. 620 Kms.

MERIDA:

III_v iP 08h 25m 29s
 iS 26 42
 iL
 Dist. 670 Kms.

VERACRUZ:

II_v iP 08h 25m 31s
 iP 25 32
 iL 26 59
 iS 27 25
 M 28 15

1/2a=8mmTo=5seg. $\mu=65.2$ $\Delta g=10.45$
 C 33 31
 F ?

Dist. 678 Kms.

TACUBAYA:

II_v eP 08h 26m 08s
 i 27 03
 iS 27 34
 iL 28 15
 M 28 54

1/2a=16mmTo=1seg. $\mu=5.28$ $\Delta g=21.2$
 C 32 50
 F 40 39

Dist. 970 Kms.

LenNS: a=16mmTo=1.5seg. $\mu=4.48$
 LenEW: a=14mmTo=1.5seg. $\mu=4.06$

1957

- 3 -

PUEBLA:

I_v ✓ i 08h 26m 56s
 i 27 12
 iL 27 49
 Dist. 850 Kms. (L-H)

GUADALAJARA:

I_r ✓ eL 08h 30m 18s
 e 30 32
 Dist. 1420 Kms. (L-H)

CHIHUAHUA:

I_r ✓ e 08h 37m 01s
 e 38 26
 Dist. 2120 Kms. (medida)

Dicbre. 7

Repetición del anterior.

COMITAN:

II_v ✓ iP 09h 01m 44s
 iL 01 57
 Dist. 133 Kms.

TACUBAYA:

I_v ✓ i 09h 04m 02s
 i 05 51
 i 08 15

MERIDA:

Registró.-Faltaron las marcas del tiempo.

VERACRUZ:

Registró.-Faltaron las marcas del tiempo.

Dicbre. 7

Repetición (?)

COMITAN:

I_v ✓ iP 09h 04m 09s
 iL 04 21
 Dist. 125 Kms.

TACUBAYA:

I_v ✓ e 09h 08m 20s

MERIDA:

Registró.-Faltaron las marcas del tiempo.

VERACRUZ:

Registró.-Faltaron las marcas del tiempo.

Dicbre. 7 - TACUBAYA:

I_v ✓ i 10h 35m 55s

Dicbre. 7 - TACUBAYA:

I_v ✓ i 14h 13m 09s

Dicbre. 7 - TACUBAYA:

I_d X iPg 21h 28m 24s
 iSg 28 28
 Dist. 30 Kms.

Dicbre. 7

Costa Este de Nicaragua.

U.S.C.G.S:

13 1/2°N 82°W

H=22h 18m 49s

TACUBAYA:

I_r ✓ eP 22h 22m 48s
 ePR₁ 23 07
 e 24 00
 e 24 16
 e 25 06

Dist. 2000 Kms. (medida)

COMITAN:

I_r ✓ eSR₁ 22h 23m 48s
 e 24 12
 i 24 18
 i 24 36
 Dist. 1140 Kms. (medida)

VERACRUZ:

I_r ✓ e 22h 25m 19s
 iL 26 20
 i 26 28
 i 26 56
 i 27 46
 M 27 48

1/2a=25mmTo=6seg. u=20.7 Δg=2.3

C 32 20

F ?

Dist. 1660 Kms.

MERIDA:

Registró.-Faltaron las marcas del tiempo.

Dist. 1160 Kms. (medida)

CAXACA:

Registró.-Faltaron las marcas del tiempo.

Dist. 1660 Kms. (medida)

Dicbre. 7

Islas Kuriles.

U.S.C.G.S:

45°N 150 1/2°E

H=22h 05m 00s.

I_u ✓ GUADALAJARA:

e 22h 27m 28s

eS 27 52

Dist. 9500 Kms. (medida)

TACUBAYA:

I_u ✓ o 22h 28m 00s
 eSKS 28 44
 eS 28 50
 Dist. 9940 Kms.

CHIHUAHUA:

I_u ✓ e 22h 30m 12s
 e 31 40
 e 32 40
 e 39 20
 Dist. 8780 Kms. (medida)

Dicbre. 8 - TACUBAYA:

I_v ✓ iL 16h 23m 07s
 iL 23 08

Dicbre. 8

H=16h 28m 50s

Mag. 4.6 (Tac)

TACUBAYA:

II_v ✓ iP 16h 29m 35s
 Desviación indefinida.
 iL 30 14
 M 30 25

1/2a=8mmTo=1seg. u=2.6 Δg=10.5

C 31 35

F 33 01

Dist. 322 Kms.

LenNS: a=7mmTo=1seg. u=2.31

LenEW: a=8mmTo=1.5seg. u=2.32

VERACRUZ:

I_v ✓ i 16h 31m 09s
 i 31 36

Dicbre. 9

H=09h 50m 14s

Mag. 4.5 (Tac)

TACUBAYA:

II_v ✓ iP 09h 51m 11s
 Desviación indefinida.
 iL 52 02
 M 52 16

1/2a=9mmTo=1seg. u=3.06 Δg=12.24

C 53 54

F 55 14

Dist. 402 Kms.

LenNS: a=3mmTo=1.5seg. u=0.84

LenEW: a=4mmTo=1seg. u=1.36

GUADALAJARA:

I_v ✓ iL 09h 51m 12s

Dist. 212 Kms.

Dicbre. 9 - TACUBAYA:
 I_v i 16h 28m 42s

Dicbre. 10 - TACUBAYA:
 I_d iPg 00h 30m 32s

Dicbre. 10 - TACUBAYA:
 I_v i 05h 32m 14s

Dicbre. 10
 Epicentro # 17
 16°38'N 98°39'W
 H-07h 28m 02s
 Mag. 4.6 (Tac)

TACUBAYA:
 I_v iP 07h 28m 50s
 iS 29 25
 iL 29 30
 M 29 46
 $1/2a = 18mmTo = 1.5seg, \mu = 5.22, \Delta g = 9.28$
 C 31 24
 F 33 33
 Dist. 329 Kms.

LenNS: a=9mmTo=1seg, $\mu = 3.06$
 LenEW: a=6mmTo=1seg, $\mu = 1.98$

CAKACA:
 I_v oL 07h 29m 00s
 Dist. 220 Kms.

PUEBLA:
 I_v oL 07h 29m 20s
 Dist. 290 Kms.

VERACRUZ:
 I_v iL 07h 29m 50s
 i 30 04
 Dist. 400 Kms. (L-H)

Dicbre. 10 - TACUBAYA:
 I_v i 11h 41m 46s

Dicbre. 10
 Islas Salomón.
 U.S.C.G.S:
 6°S 154 1/2°E
 H-14h 35m 57s
 Mag. 6 3/4 (Pas)

TACUBAYA:
 I_u o 14h 59m 55s
 o 15 04 15
 o 06 14
 Dist. 11890 Kms.
 (medida)

CHIHUAHUA:
 I_u eLq 15h 16m 36s
 eLq 25 16
 e 27 02
 M 31 16

$1/2a = 0.5mmTo = 20seg, \mu = 7587, \Delta g = 07587$
 Dist. 11220 Kms.

VERACRUZ:
 II_u o 15h 23m 36s
 o 28 34
 o 30 24
 o 30 40
 o 36 57
 e 37 45
 e 44 42
 Dist. 12165 Kms. (medida)

GUADALAJARA:
 I_u e 15h 28m 59s
 e 30 57
 e 31 09
 e 36 17
 e 39 41
 Dist. 11140 Kms. (medida)

COMITAN:
 I_u e 15h 29m 18s
 o 30 34
 o 31 22
 o 32 22
 Dist. 12640 Kms. (medida)

MERIDA:
 Registró.-Faltaron las
 marcas del tiempo.
 Dist. 12890 Kms. (medida)

Dicbre. 10 - TACUBAYA:
 I_d iPg 15h 32m 11s

I_d iPg 18h 22m 03s

I_d iPg 19h 16m 09s

Dicbre. 10 - TACUBAYA:
 I_v i 22h 26m 02s

Dicbre. 11 - TACUBAYA:
 I_d iPg 00h 07m 51s
 iSg 07 54
 Dist. 22 Kms.

I_d iPg 01h 34m 02s

Dicbre. 11
 H=11h 17m 53s

TACUBAYA:
 I_v iP 11h 18m 37s
 iS 19 09
 iL 19 13
 Dist. 300 Kms.

Dicbre. 11 - TACUBAYA:
 I_d iPg 16h 29m 54s
 iSg 29 57
 Dist. 22 Kms.

I_d iPg 20h 42m 05s
 iSg 42 09
 Dist. 30 Kms.

I_d iPg 21h 00m 32s

Dicbre. 11
 H=23h 45m 27s

TACUBAYA:
 I_v iP 23h 46m 13s
 iL 46 51
 M 47 01
 $1/2a = 4mmTo = 1seg, \mu = 1.36, \Delta g = 5.44$
 C 47 30
 F 48 48
 Dist. 314 Kms.

Dicbre. 12
 Inscripciones muy
 débiles.
 I_v o 07h 42m 08s

TACUBAYA:
 I_v i 07h 44m 42s
 i 44 45

Dicbre. 13
 Colombia.
 H=01h 31m 57s
 h=100 Kms.
 Mag. 6.4 (Tac)
 U.S.C.G.S:
 7°N 76°W

COMITAN: **367**
 II_r iP 01h 36m 00s
 iP 36 06
 iS 39 19
 iS 39 26
 e 41 18
 e 42 14
 e 45 01
 Dist. 2060 Kms.

1957

- 5 -

MERIDA: *811*
 III_r iP 01h 36m 20s
 iP 36 24
 Compresión $\frac{1}{2}$ Z (claro)
 i 36 32
 i 36 40
 iS 39 45
 iS 39 54
 i 42 20
 e 44 20
 i 45 27
 ScS 47 51
 i 50 03
 Dist. 2160 Kms.

VERACRUZ: *911*
 II_r iP 01h 37m 00s
 iP 37 05
 epP 37 24
 sP 37 40
 e 38 13
 e 38 52
 e 42 16
 e 42 33
 e 47 36
 eScS 47 56
 e 48 48
 M 48 56
 $1/2a = 2mmTo = 2seg. \mu = 258.82 \Delta g = 2.59$
 e 52 40
 e 59 45
 e 59 48
 Dist. 2600 Kms. (P-H)

TACUBAYA: *833*
 III_r iP 01h 37m 21s
 Compresión + Z
 i 37 31
 ipP 37 45
 isP 37 56
 iSP 37 58
 iPR₁ 38 22
 e 41 44
 cS 41 55
 cS 41 57
 csS 42 32
 csS 42 34
 Dist. 2900 Kms.

PonNS: $a = 1mmTo = 1.5seg. \mu = 0.28$
 PenEW: $a = 3mmTo = 1.5seg. \mu = 0.84$
 PenZ: $a = 4mmTo = 4seg. \mu = 18.52$
 SenNS: $a = 0.9mmTo = 4seg. \mu = 2.835$
 SenEW: $a = 1.5mmTo = 7seg. \mu = 15.7$

GUADALAJARA: *428*
 I_r cP 01h 38m 08s
 eP 38 16

CHIHUAHUA: *321*
 I_r cP 01h 38m 57s
 e 39 08
 PR₁ 40 24
 e 43 02
 eS 44 24
 e 47 00
 e 49 38
 e 50 04
 e 52 51
 e 53 40
 e 56 06
 e 02 04 40
 Dist. 3360 Kms. (medida)

MANZANILLO: *593*
 I_r e 01h 40m 15s
 Dist. 3350 Kms. (medida)

Dicbre. 13
 Irán, grandes daños.
 Destrucción en --
 Farsinaj. 1062 muertos
 y muchos heridos.
 U.S.C.G.S:
 $34 \frac{1}{2}^{\circ}N \ 48^{\circ}E$
 $H = 01h \ 44m \ 59s$
 Mag. 7 $\frac{1}{4}$ (Pas)

TACUBAYA: *833*
 I_u e 02h 02m 45s
 e 04 47
 oPR₁ 05 04
 e 05 16
 oPR₂ 07 33
 Dist. 13050 Kms. (medida)

VERACRUZ: *911*
 I_u PKP 02h 03m 48s
 iPR₁ 04 57
 i 10 09
 iSKS 10 45
 iSKKS 11 27
 i 17 09
 i 56 04
 e 56 12
 i 56 48
 Dist. 12920 Kms.

MERIDA:
 I_u oPR₁ 02h 04m 30s
 eSKS 10 30
 eSKS 10 32
 e 13 18
 e 13 21

ePPs 02h 15m 03s
 e 57 09
 Dist. 12430 Kms. *321*
CHIHUAHUA: *321*
 I_u PR₁ 02h 04m 36s
 eSKKS 11 28
 eLr 36 00
 e 38 38
 e 43 08
 e 43 20
 e 45 12
 e 47 02
 e 48 12
 ce 49 08
 e 53 08
 e 56 28
 e 58 20
 M 58 28

$1/2a = 0.2mmTo = 20seg. \mu = 8.156 \Delta g = 0.8$
 Dist. 12460 Kms. (medida)

GUADALAJARA: *428*
 I_u eSKKS 02h 11m 40s
 e 40 12
 e 03 00 04
 Dist. 13160 Kms. (medida)

COMITAN: *347*
 I_u ePS 02h 14m 52s
 ePSPS 21 36
 Dist. 12940 Kms. (medida)

Dicbre. 13 - TACUBAYA:
 I_v i 02h 51m 31s

Dicbre. 13
 $H = 04h \ 05m \ 51s$
 Mag. 4.6 (Tac)

TACUBAYA:
 II_v iP 04h 06m 39s
 iL 07 19
 M 07 29
 $1/2a = 8mmTo = 1seg. \mu = 2.64 \Delta g = 10.5$
 C 08 38
 F 10 02
 Dist. 329 Kms.

Dicbre. 13
 $H = 06h \ 19m \ 11s$
 Mag. 4.2 (Tac)

TACUBAYA:
 I_v iP 06h 19m 56s
 iS 20 30
 iL 20 34
 M 20 47

1957
 C 06h 21m 30s
 F 22 34
 Dist. 322 Kms.
 LenNS: a=2mmTo=1seg, $\mu=0.66$
 LenEW: a=1.7mmTo=1seg, $\mu=0.577$

Dicbre. 13
 H=11h 19m 04s

TACUBAYA:
 I_v iP 11h 20m 10s
 iS 21 02
 iL 21 08
 M 21 10

1/2a=4mmTo=1seg, $\mu=1.16$ $\sigma=4.64$
 I_v iP 17h 20m 24s
 iL 21 06
 i 21 16
 M 21 39
 C 22 10
 F 23 20
 Dist. 460 Kms.

Dicbre. 13 - TACUBAYA:
 I_d iPg 15h 32m 53s
 iSg 32 57
 Dist. 30 Kms.

I_d iPg 19h 24m 22s

Dicbre. 13
 Frente costa Sur de Nicaragua.
 U.S.C.G.S;
 H=23h 37m 45s

Inscripciones muy débiles.
 COMITAN:
 I_r e 23h 39m 44s
 e 40 00
 e 40 50
 e 40 52

MERIDA:
 I_r i 23h 42m 21s
 i 42 24
 i 42 45
 i 42 48
 i 42 51

TACUBAYA:
 I_r e 23h 43m 45s
 e 43 57

Dicbre. 14 - TACUBAYA:
 I_d iPg 00h 13m 15s
 iSg 13 19
 Dist. 30 Kms.

Dicbre. 14 - TACUBAYA:
 I_v i 03h 02m 28s
 i 02 41

Dicbre. 14
 TACUBAYA:
 I_v i 04h 21m 09s

Dicbre. 14 - TACUBAYA:
 I_d iPg 16h 13m 15s

Dicbre. 14
 Epicentro # 60
 16°33'N 100° 09'W
 H=17h 19m 36s

TACUBAYA:
 I_v iP 17h 20m 24s
 iL 21 06
 i 21 16
 M 21 39

1/2a=10mmTo=1.5seg, $\mu=2.80$ $\sigma=4.98$
 C 22 50
 F 25 10
 Dist. 343 Kms.

PUEBLA:
 I_v e 17h 20m 56s
 iL 21 08
 Dist. 351 Kms. (L-H)

VERACRUZ:
 I_v iS 17h 21m 44s
 i 22 22
 i 22 40
 i 22 52
 Dist. 500 Kms. (S-H)

GUADALAJARA:
 I_v e 17h 22m 31s
 e 22 43
 Dist. 568 Kms. (medida)

Dicbre. 16 - TACUBAYA:
 I_v e 00h 26m 02s
 e 26 18

GUADALAJARA:
 I_v e 00h 26m 32s

Dicbre. 16
 Islas Vancouver
 H=17h 27m 51s
 Mag. 6.3 (Tac)
 U.S.C.G.S;
 50°N 127°W

CHIHUAHUA:
 II_r eP 17h 33m 30s
 e 34 01
 e 34 34
 e(S) 38 20

e(S) 17h 36m 22s
 e 41 28
 e 42 00
 e 42 10
 e 43 15
 e 43 48
 e 44 42
 Dist. 2940 Kms. (P-H)

TACUBAYA:
 II_r eP 17h 35m 03s
 Dilatación -Z
 eP 35 08
 e 35 15
 e 35 29
 e 35 35
 e 35 51
 ePR₁ 36 21
 ePR₁ 36 27
 ePcP 37 10
 e(S) 40 25
 e(S) 40 33
 eS 40 51
 eLq 48 17
 e 48 47
 e 49 13
 e 49 23
 Dist. 4160 Kms.

PenEW: a=0.6mmTo=1.5seg, $\mu=0.174$
 PenZ: a=0.5mmTo=4seg, $\mu=2.315$
 PR₁enEW: a=1mmTo=1seg, $\mu=0.29$

VERACRUZ:
 II_r iP 17h 35m 16s
 Dilatación -Z -(claro)
 e 37 02
 e 38 30
 iS 41 26
 i 41 39
 i 48 44
 Lq 49 16
 i 53 00
 i 53 10
 i 53 32
 i 55 16
 Dist. 4340 Kms. (medida)

MERIDA:
 I_r eP 17h 35m 39s
 iP 35 40
 iPR₁ 37 18
 Dist. 4600 Kms.

MANZANILLO:
 I_r o 17h 50m 54s
 Dist. 3930 Kms. (medida)

Dicbre. 17
 Próximo costa este
 de Kamchatka.
 H=05h 10m 10s
 U.S.C.G.S.
 43 1/2°N 162°E
 Mag. 6 3/4 (Pas)

TACUBAYA:
 I_u eP 05h 22m 31
 eP 22 33
 e 23 50
 ePR₁ 25 56
 e 32 25
 eS 32 38
 Dist. 9160 Kms.

MERIDA:
 I_u eP 05h 23m 00s
 e 33 04
 e 33 08
 Dist. 9780 Kms. (P-H)

VERACRUZ:
 II_u e 05h 24m 04s
 e 25 00
 e 37 28
 e 52 40
 eLq 56 42
 e 57 33
 eLr 06 02 24
 e 09 06
 i 13 58
 e 15 02
 e 28 08
 Dist. 9380 Kms. (medida)

MANZANILLO:
 I_u ePR₂ 05h 27m 12s
 Dist. 8780 Kms.

CHIHUAHUA:
 I_u eS 05h 31m 02s
 e 41 32
 e 44 22
 e 47 36
 e 50 10
 e 53 16
 M 55 09
 1/2a=0.5mmTo=2seg.μ=20.39Δg=0.2
 e 06 00 30
 e 04 12
 Dist. 8000Kms. (medida)

COAHUILA:
 I_u eSKS 05h 33m 36s
 Dist. 9940 Kms.

Dicbre. 17
 Islas Santa Cruz
 H=13h 50m 07s
 Mag. 7.6 (Tac)
 U.S.C.G.S.
 12°S 167°E

MANZANILLO:
 II_u eP 14h 03m 16s
 e 04 14
 e 13 00
 eG 22 48
 e 28 04
 e 35 20
 M 44 44
 1/2a=0.5mmTo=20seg.μ=64.7Δg=0.647
 C 46 00
 F ?
 Dist. 10260 Kms. (medida)

CHIHUAHUA:
 II_u eP 14h 03m 22s
 6compresión + Z (claro)
 ePR₁ 07 00
 ePS 15 10
 e 28 50
 M 32 58
 1/2a=0.5mmTo=20seg.μ=75.87Δg=0.76
 C ?
 F 16 26 02
 Dist. 10,330 Kms.

GUADALAJARA:
 III_u eP 14h 03m 22s
 i 03 58
 ePR₁ 07 10
 eS 14 30
 iPS 15 58
 e 16 34
 i 16 50
 ePSPS 21 16
 e 33 00
 e 35 16
 e 36 04
 M 39 26
 1/2a=1mmTo=20seg.μ=129Δg=1.3
 C 43 08
 F 15 25 44
 Dist. 10360 Kms.

TACUBAYA:
 III_u e 14h 03m 40s
 Compresión + Z
 e 04 02
 e 04 23
 e 04 46
 e 07 29

e 14h 07m 53s
 ePR₂ 09 44
 ePR₂ 09 48
 e 11 24
 e 12 45
 eSKS 14 11
 eSKS 14 13
 eS 15 01
 e 15 19
 e 16 43
 eSR₁ 21 30
 eSR₂ 21 33
 M 43 43
 1/2a=2.5mmTo=20seg.μ=221Δg=2.21
 Dist. 10830 Kms.

VERACRUZ:
 III_u iP 14h 04m 00s
 iP 04 06
 i 07 05
 iPR₁ 08 08
 ePR₁ 08 12
 iPR₂ 10 16
 i 12 08
 eSKS 14 36
 i 17 16
 e 18 36
 ePSPS 22 40
 i 23 44
 i 24 26
 e 28 24
 i 29 22
 i 36 16
 i 37 30
 e 38 14
 i 43 14
 M₁ 46 16
 1/2a=3mmTo=16seg.μ=199Δg=3.11
 M₂ 50 32
 1/2a=1.5mmTo=20seg.μ=163Δg=1.63
 C 17 42
 F 16 41 40
 Dist. 11100 Kms.

MERIDA:
 II_u eP 14h 04m 27s
 e 05 40
 iPR₁ 09 00
 i 10 15
 i 12 36
 i (PS) 18 12
 i (PS) 18 16
 i 20 18
 iSR₁ 24 00
 e (G) 34 21
 e 40 30
 M 52 24
 1/2a=1mmTo=20seg.μ=41.26Δg=0.41

1957

- 8 -

C 15h 08m 00s
F 24 18
Dist. 11840 Kms.

o 04h 17m 35s
e 17 57

Dicbro. 21
Inscripciones muy débiles.

COMITAN:

VERACRUZ:
Inscripciones muy débiles.

COMITAN:

II_u ePR₁ 14h 08m 30s
e 09 00
i 17 48
e 24 24
e 33 44
e 43 32
e 45 00
e 45 56
Dist. 11550 Kms. (P-H)

I_v e 04h 15m 45s
e 17 30
e 18 15
o 22 18
e 24 52
e 27 00
i 28 40

I_? e 19h 16m 24s
e 16 40
i 17 04
i 17 44
i 18 28
i 19 20
i 19 46
M 19 46
1/2a=2mmTo=4seg. u=16.34 Δg=4.08

Dicbro. 17 - TACUBAYA:
I_d X iPg 19h 45m 50s

MERIDA:
Registró.-Faltaron las marcas del tiempo.

C 22 08
F 29 30

II_d X iPg 20h 53m 56s
iSg 53 58
M 54 02
C 54 21
F 54 41
Dist. 15 Kms.

Dicbro. 19 - TACUBAYA:
I_d X iPg 14h 37m 20s
iSg 37 22
Dist. 15 Kms.

VERACRUZ:
I_? e 19h 17m 32s
e 18 50
i 19 12
i 20 12
i 21 00
i 21 12
i 21 48
M 23 24
1/2a=2mmTo=8seg. u=24.14 Δg=1.51

Dicbro. 18
H=18h 08m 22s

Dicbro. 20 - TACUBAYA:
I_d X iPg 01h 12m 06s

C 27 40
F ?

TACUBAYA:
I_v X iP 18h 09m 01s
iL 09 30
M 09 41
C 10 20
F 11 26
Dist. 249 Kms.

Dicbro. 20 - TACUBAYA:
I_v X e 04h 00m 22s
e 00 27

TACUBAYA:
I_? X e 19h 17m 45s
e 18 29
e 19 51
o 20 13

Dicbro. 18
GUADALAJARA:
I_v X e 23h 40m 16s

Dicbro. 20 - TACUBAYA:
I_v X e 06h 43m 54s

MERIDA:
I_? i 19h 18m 30s
i 18 51
i 19 12
i 19 42
i 20 15
i 20 21
M 23 10
1/2a=3mmTo=6seg. u=7.45 Δg=0.828

TACUBAYA:
I_v X P 23h 41m 10s

Dicbro. 20
Chile.
H=11h 18m 42s
U.S.C.G.S:
30 1/2°S 71°W

C 23 27
F 34 03

Dicbro. 18 - TACUBAYA:
I_v X i 22h 42m 55s
i 43 00

TACUBAYA:
Inscripciones muy débiles.
I_u X eP 11h 28m 38s
e(P) 28 47
eTeP 29 27
Dist. 6330 Kms.

PUEBLA:
I_? X e 19h 19m 28s

Dicbro. 19
Nicaragua:
U.S.C.G.S:
H=04h 11m 13s

Dicbro. 20 - TACUBAYA:
I_d X iPg 16h 53m 15s

Dicbro. 21 - TACUBAYA:
I_v X i 23h 10m 54s

COMITAN:
I_v X e 04h 14m 08s

I_d X iPg 17h 48m 00s

Dicbro. 22 - TACUBAYA:
I_v X i 03h 46m 26s
i 46 33

TACUBAYA:
I_r X i 04h 14m 32s

I_d X iPg 19h 48m 08s
iSg 48 16
Dist. 60 Kms.

Dicbro. 22
H=14h 47m 43s

I_d X iPg 21h 23m 01s

1957
TACUBAYA:
 I_v ✓ iP 14h 48m 28s
 Imp. al N.
 i 48 57
 iL 49 05
 M 49 13
 $1/2a=5mmTo=1seg, \mu=1.65, \Delta g=6.6$
 C 50 24
 F 51 28
 Dist. 307 Kms.

Dicbre. 22 - TACUBAYA:
 I_d X iPg 18h 23m 56s
 iSg 24 00
 Dist. 30 Kms.

Dicbre. 22 - TACUBAYA:
 I_v ✓ e 22h 31m 32s
 o 31 39

GUADALAJARA:
 I_v ✓ i 22h 32m 12s
 i 33 08

Dicbre. 23
 Epicentro # 157
 17° 00' N 98° 02' W
 H=09h 22m 12s

OAXACA:
 I_v ✓ iS 09h 22m 52s
 iS 22 54
 Dist. 140 Kms. (S-H)

TACUBAYA:
 I_v ✓ iP 09h 22m 57s
 iL 23 34
 M 23 41
 $1/2a=5mmTo=1seg, \mu=1.65, \Delta g=6.6$
 C 25 08
 F 26 20
 Dist. 307 Kms.

VERACRUZ:
 I_v X iL 09h 23m 40s
 i 24 08
 Dist. 329 Kms. (L-H)

Dicbre. 23 - TACUBAYA:
 I_v X i 12h 20m 25s
 i 20 30

Dicbre. 23
 Nicaragua.
 U.S.C.G.S:
 12 1/2° N 86 1/2° W
 H=13h 19m 28s
 h=150 Kms.

TACUBAYA:
 I_r ✓ e 13h 22m 54s
 e 22 57
 o 24 08
 e 24 13
 oS 25 27
 e(S) 25 36
 e 25 56
 Dist. 1580 Kms.

Dicbre. 23 - TACUBAYA:
 I_v X i 17h 06m 46s

Dicbre. 23 - TACUBAYA:
 I_d X iPg 17h 34m 24s

Dicbre. 23
 Sentido en Yautepec,
 Oaxaca.
 Epicentro # 47
 16° 46' N 95° 54' W
 H=18h 57m 46s

OAXACA:
 I_v ✓ iP 18h 58m 13s
 iL 58 25
 Dist. 97 Kms.

VERACRUZ:
 II_v ✓ iP 18h 58m 28s
 iL 59 00
 i 59 22
 Dist. 278 Kms.

TACUBAYA:
 II_v ✓ iP 18h 58m 50s
 iL 59 47
 iL 59 51
 i 59 56
 M 59 59
 $1/2a=8mmTo=1.5seg, \mu=2.24, \Delta g=3.98$
 C 19 02 01
 F 04 00
 Dist. 452 Kms.

COMITAN:
 I_v ✓ e 18h 59m 08s

PUEBLA:
 I_v X eL 18h 59m 22s
 Dist. 358 Kms.

MERIDA:
 I_v ✓ e 19h 01m 45s
 Dist. 800 Kms. (medida)

Dicbre. 23 - TACUBAYA:
 I_d X iPg 23h 18m 02s

Dicbre. 24
 H=15h 51m 56s
 Mag. 4.6 (Tac)

TACUBAYA:
 II_v ✓ iP 15h 52m 38s
 iL 53 13
 M 53 22
 $1/2a=13mmTo=1seg, \mu=4.29, \Delta g=17.16$
 Dist. 292 Kms.

LenNS: a=12mmTo=1seg, $\mu=3.96$
 LenEW: a=6.5mmTo=1seg, $\mu=2.21$

PUEBLA:
 I_v ✓ i 15h 53m 02s

VERACRUZ:
 I_v ✓ e 15h 53m 16s
 i 53 36
 i 54 36

Dicbre. 24
 PUEBLA:
 I_d ✓ i 15h 53m 56s

TACUBAYA:
 I_v ✓ i 15h 54m 08s
 M 54 18
 $1/2a=21mmTo=1seg, \mu=6.92, \Delta g=27.68$
 C 55 25
 F 57 49

Dicbre. 25
 Epicentro # 319
 19° 05' N 102° 35' W
 H=08h 47m 07s
 h=100 Kms.
 Mag. 4.8 (Tac)

MANZANILLO:
 I_v ✓ e 08h 47m 50s
 iS 48 00
 Dist. 200 Kms. (S-H)

TACUBAYA:
 II_v ✓ iP 08h 47m 54s
 iS 48 38
 M 48 56
 $1/2a=7mmTo=1seg, \mu=2.31, \Delta g=9.24$
 C 50 24
 F 51 44
 Dist. 365 Kms.

1957

- 10 -

GUADALAJARA:
 I_v ✓ iS 08h 48m 08s
 i 48 28
 Dist. 190 Kms. (medida)

VERACRUZ:
 I_v ✓ e 08h 48m 16s
 e 48 24
 i 50 12
 i 50 20
 Dist. 680 Kms. (medida)

Dicbre. 25
 H=11h 54m 44s

TACUBAYA:
 I_v ✓ iP 14h 55m 26s
 iL 55 59
 iL 56 00
 M 56 09
 $1/2a=3mmTo=1seg, u=0.99 \Delta g=3.96$
 C 56 47
 F 58 04
 Dist. 278 Kms.

VERACRUZ:
 I_v ✓ i 14h 56m 48s
 e 57 48

Dicbre. 25
 Venezuela.
 H=16h 26m 03s
 Mag. 5.6 (Tac)
 U.S.C.G.S:
 10 1/2°N 62 1/2°W

MERIDA:
 I_r ✓ eP 16h 32m 00s
 i(S) 37 06
 eS 37 21
 iLr 39 06
 Dist. 3130 Kms.

VERACRUZ:
 I_r ✓ eP 16h 32m 52s
 eP 33 12
 e 34 40
 eS 38 12
 e 39 10
 e 40 24
 e 46 00
 eLr 47 08
 Dist. 3770 Kms.

TACUBAYA:
 I_r ✓ i 16h 34m 14s
 iPR1 34 34
 i 34 40
 e 36 54
 e 37 02

✓ eS 16h 38m 48s
 Dist. 4060 Kms.
 $PR1enNS:a=0.7mmTo=1seg, u=0.231$
 $SenNS:a=0.1mmTo=2seg, u=0.108$
 $SenEW:a=0.2mmTo=3seg, u=0.324$

COMITAN:
 I_r ✓ e 16h 44m 08s
 e 47 12
 Dist. 3260 Kms. (medida)

Dicbre. 25
 H=21h 09m 24s

TACUBAYA:
 I_v ✓ iP 21h 09m 54s
 iL 10 16
 M 10 24
 $1/2a=5.5mmTo=1seg, u=1.87 \Delta g=7.5$
 C 11 03
 F 12 59
 Dist. 198 Kms.

Dicbre. 25 - TACUBAYA:
 II_d ✓ iPg 21h 36m 47s
 iSg 36 55
 M 36 57
 C 37 49
 F 38 55
 Dist. 60 Kms.

Dicbre. 26 - TACUBAYA:
 I_v ✓ i 01h 58m 29s
 i 58 31

Dicbre. 26 - TACUBAYA:
 I_d ✓ iPg 22h 06m 13s
 iSg 06 20
 Dist. 52 Kms.

Dicbre. 26 - COMITAN:
 I_d ✓ iPg 23h 48m 11s
 iSg 48 34
 Dist. 172 Kms.

TACUBAYA:
 I_v ✓ e 23h 50m 37s
 iL 51 21

Dicbre. 27 - TACUBAYA:
 I_d ✓ iPg 18h 52m 40s
 iSg 52 42
 Dist. 15 Kms.

Dicbre. 28
 H=05h 24m 37s

TACUBAYA:
 I_v ✓ eP 05h 25m 06s
 iS 25 25
 M 25 28
 $1/2a=16mmTo=1.5seg, u=4.64 \Delta g=8.24$
 C 27 38

F 05h 29m 52s
 Dist. 180 Kms.

Dicbre. 28 - TACUBAYA:
 I_d ✓ iPg 15h 09m 33s
 I_d ✓ iPg 16h 00m 26s
 Dicbre. 28

Región Islas Tonga.
 U.S.C.G.S:
 16°S 172°W
 H=19h 01m 22s

TACUBAYA:
 I_u ✓ eP 19h 13m 53s
 eP 14 00
 Dist. 8890 Kms. (medida)

Dicbre. 28 - TACUBAYA:
 I_d ✓ iPg 21h 30m 19s
 iSg 30 22
 Dist. 22 Kms.

I_d ✓ iPg 21h 42m 40s

Dicbre. 29 - TACUBAYA:
 I_v ✓ i 11h 02m 18s
 i 02 33

Dicbre. 29
 H=16h 02m 20s

TACUBAYA:
 I_v ✓ iP 16h 03m 11s
 iL 03 56
 i 04 04
 M 04 10

$1/2a=9mmTo=1seg, u=2.97 \Delta g=11.88$
 C 04 51
 F 06 46
 Dist. 365 Kms.

VERACRUZ:
 I_v ✓ e 16h 05m 28s

Dicbre. 30

TACUBAYA:
 I_v ✓ i 23h 26m 03s
 i 26 06

Dicbre. 30

TACUBAYA:
 I_d ✓ iPg 21h 47m 02s
 iSg 47 06
 Dist. 30 Kms.

833

Datos microsísmicos de la Estación de Tacubaya.

Componente N S

DICIEMBRE 1957

Componente E W

Día	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T
1°	2	1.4	5.8	2	1.7	6	2	2	6.4	2	3.3	6.2	2	0.9	5	2	2.4	5.6	2	1.4	5.4	2	2.7	6		
2	2	3.8	5.3	2	3.6	6	2	3.1	6.2	2	2.4	5.6	2	2.8	5.8	2	3	5.8	2	1.8	5.6	2	1.5	6		
3	2	1.5	6	2	1.5	5.8	2	1.1	5.8	2	1.1	6	2	1.3	5.8	2	1.2	5.6	2	0.9	5	2	0.6	4.8		
4	2	0.6	5.4	2	0.3	3.6	2	0.3	4	2	0.6	5	2	0.7	4.8	2	0.1	2.2	2	0.4	4.6	2	0.6	5.4		
5	2	0.5	5	2	0.2	4	2	0.5	4.6	2	0.7	5.2	2	0.6	4.8	2	0.2	3.2	2	0.5	4.2	2	0.8	4.6		
6	2	0.4	4.4	2	0.5	4.8	2	0.4	3.8	2	0.6	4.8	2	0.4	4.4	2	0.5	3.8	2	0.4	4.4	2	0.7	4.6		
7	2	0.7	4.6	2	0.4	4.6	2	0.5	5	2	0.4	3	2	0.4	4.4	2	0.3	4.4	2	0.1	2.4	2	0.3	3.2		
8	2	0.4	4.4	2	0.4	4.2	2	0.3	3.8	2	0.2	3.4	2	0.3	3	2	0.4	3.6	2	0.1	3.2	2	0.4	3.8		
9	2	0.4	4	2	0.4	3.6	2	0.4	4	2	1	4.6	2	0.5	3.8	2	0.4	4.4	2	0.7	4.8	2	0.9	5		
10	1	1.3	5	1	2.8	5.2	1	3	5.2	1	3.1	5.4	1	2.1	4.6	1	2.4	5.2	1	2.1	4.8	1	2	5.2		
11	1	2.4	5.2	1	1.3	5	1	1.2	5	2	0.7	4.8	1	1.8	5.4	1	1	5	1	0.9	5	2	0.8	4.8		
12	2	0.9	5	2	0.9	4.9	2	1.2	5	2	1	5.4	2	0.9	4.6	2	0.6	4.4	2	1.2	5.2	2	1	5.4		
13	2	1.1	5.4	2	1	5.4	2	0.9	5	2	1	4.8	2	0.9	5.2	2	0.9	5	2	0.8	4.8	2	1.1	5		
14	2	1.4	5.2	2	1.1	5.4	2	1.3	5.2	2	0.9	5.2	2	1.1	4.8	2	1	5	2	0.8	4.8	2	0.9	4.8		
15	2	0.8	4.8	2	0.5	5	2	0.5	4.8	2	0.6	4.6	2	0.7	4.8	2	0.5	4.4	2	0.5	5	2	0.7	4.6		
16	2	0.8	5	2	0.9	4.6	2	0.7	4.6	2	0.9	4.8	2	0.4	4.4	2	0.3	4.2	2	0.7	4.6	2	0.6	4.8		
17	2	0.8	4.6	2	0.5	4.2	2	0.5	4.4	2	0.9	4.6	2	0.1	1.8	2	0.5	3.6	2	0.6	4.6	2	0.9	4.6		
18	2	0.6	4.4	2	0.4	3.8	2	0.3	4	2	0.6	3.8	2	0.6	4.4	2	0.6	4.6	2	0.4	4.6	2	0.2	1.6		
19	2	0.8	4.8	2	0.2	3.2	2	0.3	3.6	2	0.5	3.8	2	0.2	1.8	2	0.1	2.4	2	0.3	3.8	2	0.3	2.6		
20	2	0.3	3.4	2	0.4	5	2	0.6	4.6	2	0.5	4.2	2	0.1	1.4	2	0.1	1.6	2	0.2	1.6	2	1	4.8		
21	2	0.5	4.4	2	0.6	5	2	0.6	5.4	2	0.7	5.2	2	0.8	4.8	2	0.2	1.6	2	0.8	5.8	2	0.4	2.8		
22	2	1.3	5.6	2	0.8	5.8	2	0.8	6.2	2	0.9	5.6	2	0.6	4.8	2	0.8	5.4	2	0.8	6	2	0.9	5.6		
23	2	0.7	5.2	2	0.5	5.4	2	0.9	5.8	2	0.8	4.6	2	0.4	4.4	2	0.2	1.8	2	0.2	2	2	0.9	5.4		
24	2	0.4	2.8	2	0.5	5.2	2	0.8	5.6	2	0.5	4.2	2	0.8	5.4	2	1.1	4.6	2	0.2	2.4	2	0.7	3.6		
25	2	0.7	4.6	2	0.9	5.6	2	0.5	4.2	2	0.4	4.4	2	0.4	3.2	2	0.4	3.6	2	0.4	3	2	0.2	2.2		
26	2	0.8	4.6	2	0.4	4.4	2	0.6	4.6	2	0.6	4.4	2	0.5	2.6	2	0.4	3.6	2	0.5	4.4	2	0.6	4.4		
27	2	0.9	4.6	2	0.5	4.2	2	0.4	4.4	2	0.9	5	2	1	5.2	2	0.9	5.4	2	1	5.2	2	0.9	4.6		
28	2	0.8	5.2	2	0.8	4.6	2	0.7	5	2	0.4	4.2	2	0.7	4.4	2	0.5	4.4	2	0.8	5.2	2	0.2	2.2		
29	2	0.5	4.6	2	0.5	5.2	2	0.4	4.6	2	0.4	4.4	2	0.3	3.4	2	0.9	4.6	2	0.3	3.4	2	0.5	4.4		
30	2	0.4	4.4	2	0.5	4.8	2	0.5	4.8	2	0.7	4.6	2	0.5	3.6	2	0.2	1.6	2	0.4	2.6	2	0.7	3.6		
31	2	0.7	4.8	2	0.3	4.4	2	0.5	4.6	2	0.3	4.4	2	0.6	4.8	2	0.3	2.2	2	0.2	2	2	0.5	3.8		

Día	0 ^h			06 ^h			12 ^h			18 ^h			Día	0 ^h			06 ^h			12 ^h			18 ^h		
	K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T		K	Λ	T	K	Λ	T	K	Λ	T	K	Λ	T
1°	2	0.8	4.2	2	1.1	5.2	2	2.2	5.6	2	3.6	5.6	16	2	0.5	3.6	2	0.3	4	2	0.3	3.8	2	0.6	3.8
2	2	3.6	5.6	2	2.9	5.6	2	2	5.4	2	1.8	5.4	17	2	0.6	4.6	2	0.5	3.6	2	0.7	3.8	2	0.7	3.8
3	2	1.4	4.8	2	0.7	4.8	2	0.6	4.4	...	...	...	18	2	0.7	3.6	2	0.4	3.8	2	0.3	3.8	2	0.5	3.8
4	...	...	...	...	...	...	...	...	...	2	0.7	4.4	19	2	0.5	3.8	2	0.7	3.8	2	0.5	3.8	2	0.6	3.8
5	2	1	4.2	2	0.6	4.2	2	0.6	3.8	2	0.9	4.4	20	2	0.5	3.8	2	0.5	4	2	0.3	3.8	2	0.5	4.4
6	2	0.9	4.6	2	0.5	4.2	2	0.6	3.8	2	0.7	3.8	21	2	0.6	4	2	0.3	3.6	2	1	5.6	2	0.5	3.6
7	2	0.5	3.8	2	0.6	4	2	0.4	3.6	2	0.8	3.4	22	2	0.9	4.8	2	0.4	4.4	2	0.5	4	2	0.6	4
8	2	0.7	3.2	2	0.7	3.6	2	0.6	3.6	2	0.6	3.6	23	2	0.6	3.6	2	0.6	3.8	2	0.4	3.4	2	0.5	4.2
9	2	0.7	3.6	2	0.7	3.8	2	0.5	4	2	0.6	3.6	24	2	0.5	3.6	2	0.6	3.8	2	0.5	4.4	2	0.6	3.6
10	2	0.8	4.2	2	1.5	4.6	2	1.7	5.2	2	1.3	4.8	25	2	0.8	3.2	2	0.5	3.2	2	0.7	3.2	2	0.6	3.6
11	2	1.4	5.2	2	0.7	4.6	2	0.5	4.4	2	0.6	3.6	26	2	0.7	3.6	2	0.5	3.8	2	0.6	3.4	2	0.7	3.8
12	2	0.5	4	2	0.6	3.8	2	1	4.6	2	0.6	4.2	27	2	0.6	3.8	2	0.5	3.4	2	0.6	3.6	2	0.6	3.4
13	2	1.3	5.6	...	...	...	...	...	...	2	0.8	5.2	28	2	0.6	3.2	2	0.5	3.2	2	0.6	3.6	2	0.5	3.4
14	2	0.6	4.4	2	0.6	3.4	2	0.6	3.6	2	0.5	4	29	2	0.5	3.8	2	0.5	3.8	2	0.5	4	2	0.5	3.8
15	2	0.6	3.8	2	0.6	4	2	0.6	4	2	0.6	3.8	30	2	0.5	3.8	2	0.6	3.8	2	0.4	4	2	0.6	3.8
										2	0.6	3.8	31	2	0.5	3.6	2	0.6	3.8	2	0.4	3.4	2	0.7	3.6

Datos microsísmicos de la Estación de Mérida.

Componente N S												Componente E W														
DICIEMBRE 1957																										
Día	0 ^h			06 ^h			12 ^h			18 ^h			Día	0 ^h			06 ^h			12 ^h			18 ^h			
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	1	1.4	4.8	1	1.5	4.6	1	1.6	4.8	1	2	4.4	1	1.6	4.6	1	1.7	4.4	1	1.5	4.6	1	1.6	4.4		
2	2	1.4	4.2	2	1.2	4.2	2	1	4.2	2	0.8	4	2	1.3	4.2	2	1.2	4.4	2	1.1	4.2	2	0.7	4		
3	2	0.7	4.2	2	0.6	4	2	0.4	4	2	0.3	3.2	2	0.7	4.2	2	0.5	3.8	2	0.3	3.6	2	0.2	3.8		
4	2	0.2	3	...	...	...	2	0.2	3.2	2	0.5	3.6	2	0.2	3.4	...	...	...	2	0.2	3.6	2	0.4	3
5	2	0.6	3.2	2	1	4	2	1	3.6	2	0.9	3.8	2	0.4	3.6	2	1.1	4	2	0.9	3.6	2	0.8	3.6		
6	2	1.1	3.8	2	1.3	4	2	0.9	3.6	2	0.5	3.2	2	1	3.8	2	1.1	4.2	2	1	4	2	0.5	3.8		
7	2	0.6	3.4	2	0.4	3.4	2	0.6	3.2	2	0.5	3.4	2	0.5	3.4	2	0.4	3.8	2	0.5	3.4	2	0.6	3.4		
8	2	0.7	3.6	2	0.5	3.8	2	0.4	3.8	2	0.8	4	2	0.5	3.6	2	0.6	3.8	2	0.4	3.6	2	0.7	4		
9	2	0.8	4	2	1.4	4	2	1	3.6	2	0.6	4.2	2	0.6	4	2	1.4	4.4	2	1	4.6	2	1	3.8		
10	2	0.9	4	2	1.1	4.4	2	1	4.4	2	0.3	3.4	2	0.6	4	2	1.2	4.6	2	0.8	4.6	2	0.3	3.2		
11	2	0.3	3.4	2	0.2	3.4	2	0.3	3.4	2	0.4	3.2	2	0.2	3.6	2	0.2	3.4	2	0.2	3.4	2	0.2	5.2		
12	2	0.4	3	2	0.5	3.4	2	0.5	3.8	2	0.7	3.6	2	0.4	3.8	2	0.6	3.4	2	0.5	3.8	2	0.5	4.2		
13	2	0.7	3.4	2	0.6	3.4	2	1.1	3.4	2	0.7	3.4	2	0.5	4	2	0.3	4	2	0.7	3.6	2	0.5	3.8		
14	2	0.4	3.2	2	0.2	3	2	0.3	3	2	0.3	3.2	2	0.3	3.6	2	0.2	3.6	2	0.2	3.8	2	0.3	3.2		
15	2	0.3	3.2	2	0.3	3.4	2	0.3	3.2	2	0.3	3.2	2	0.3	3	2	0.3	3.4	2	0.3	3.6	2	0.3	3.4		
16	2	0.3	3.6	2	0.3	3.2	2	0.3	3.4	2	0.2	3	2	0.3	3.2	2	0.2	3.4	2	0.3	3.4	2	0.2	3.2		
17	2	0.2	3	2	0.2	3.2	2	0.2	3.2	2	0.2	3	2	0.2	3.4	2	0.2	3.2	2	0.2	3.2	2	0.2	3.4		
18	2	0.2	3.2	2	0.2	3.2	2	0.2	3.2	2	0.2	4.4	2	0.2	4.2	2	0.2	3.8	2	0.2	4.6	2	0.2	4.8		
19	...	...	...	...	...	...	2	0.2	3.2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	2	0.3	3.4	2	0.2	3.2	2	0.2	3.4	2	0.4	3.8	2	0.2	3	2	0.2	3.2	2	0.2	3.6	2	0.3	4.4		
21	2	0.4	3.4	2	0.2	4.8	2	0.3	3.4	2	0.3	3	2	0.3	3.2	2	0.3	3.8	2	0.3	3.6	2	0.2	3.4		
22	2	0.3	3.4	2	0.4	3	2	0.3	3	2	0.6	3.2	2	0.2	3.6	2	0.3	3.4	2	0.3	3.2	2	0.5	3.4		
23	2	0.4	3.2	2	0.4	3.2	2	0.3	3.4	2	0.3	3.6	2	0.4	3.4	2	0.3	3.4	2	0.4	3.2	2	0.3	3.6		
24	2	0.4	3.4	2	0.4	3.4	2	0.3	3.2	2	0.3	3.6	2	0.3	3.8	2	0.3	3.6	2	0.4	3.6	2	0.3	4		
25	2	0.4	3.4	2	0.4	3.2	2	0.4	3.6	2	0.4	3.4	2	0.3	4.2	2	0.3	4.4	2	0.3	3.8	2	0.3	3.6		
26	2	0.3	3.4	2	0.3	3.2	2	0.3	3.4	2	0.2	3.2	2	0.2	3.2	2	0.2	3.6	2	0.2	3.8	2	0.2	3.6		
27	2	0.3	3.2	2	0.5	3	2	0.4	3.6	2	0.4	3.6	2	0.2	3.6	2	0.3	3.4	2	0.2	3.8	2	0.2	3.4		
28	2	0.3	3.2	2	0.3	3.2	2	0.2	3.4	2	0.7	3	2	0.7	3.2	2	0.2	3.2	2	0.2	3.4	2	0.2	3.6		
29	2	0.7	3.2	2	0.2	3.2	2	0.3	3	2	0.2	3	2	0.2	3.4	2	0.2	3.6	2	0.2	3	2	0.2	3		
30	2	0.2	3.2	2	0.2	3.4	2	0.2	3.2	2	0.2	3.2	2	0.2	3.8	2	0.2	3.6	2	0.2	3.4	2	0.2	3.2		
31	2	0.2	3.6	2	0.3	3	2	0.2	3.6	2	0.3	3	2	0.2	3.6	2	0.2	3.8	2	0.2	3.2	2	0.3	3.4		

Componente Z																										
Día	0 ^h			06 ^h			12 ^h			18 ^h			Día	0 ^h			06 ^h			12 ^h			18 ^h			
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	2	1.2	3	2	1.3	3	2	1.2	3	2	0.5	3	16	2	0.2	3	2	0.2	3.2	2	0.2	3.6	2	0.2	2	
2	2	0.4	3	2	0.4	3	2	0.3	3	2	0.2	3.4	17	2	0.2	3.6	2	0.2	3.6	2	0.2	3.6	2	0.2	3.6	
3	2	0	0	2	0	0	2	0	0	2	0.3	3.8	18	2	0.2	3.2	2	0.2	3.6	2	0.2	3	2	0.2	3.4	
4	2	0.2	3	...	...	...	2	0.3	3.4	2	0.2	3	19	...	...	...	2	0.3	3.4	2	0.4	4.6	2	0.2	3.4
5	2	0.2	3.4	2	0.3	3	2	0.4	3	2	0.3	3.2	20	2	0.3	3.2	2	0.3	3.8	2	0.3	3.8	2	0.3	3.4	
6	2	0.3	3	2	0.3	3.4	2	0.2	3	2	0.3	3.4	21	2	0.2	3.4	2	0.2	4.4	2	0.3	3.8	2	0.2	3.4	
7	2	0.2	3.8	2	0.2	3.4	2	0.2	3	2	0.2	3.2	22	2	0.3	3.6	2	0.2	3	2	0.3	3.4	2	0.3	4.4	
9	2	0.2	3	2	0.2	3	2	0.3	3.4	2	0.3	3.2	23	2	0.3	3.8	2	0.3	3.4	2	0.3	3.8	2	0.3	3.6	
10	2	0.3	3	2	0.4	3	2	0.4	3	2	0.4	3	24	2	0.3	3.4	2	0.3	3.2	2	0.3	3.2	2	0.3	3	
11	2	0.4	3.8	2	0.3	3	2	0.3	3	2	0.3	3.6	25	2	0.3	3.4	2	0.3	3.4	2	0.2	3.4	2	0.3	3.8	
12	2	0.2	3.2	2	0.3	3.4	2	0.2	3	2	0.2	3	26	2	0.3	3.6	2	0.3	3	2	0.3	3.6	2	0.3	3.6	
13	2	0.3	3.6	2	0.7	2.4	2	0.5	2.6	2	0.2	3.2	27	2	0.3	3.4	2	0.3	4.2	2	0.3	3.6	2	0.3	3.8	
14	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.2	3.2	28	2	0.3	3.2	2	0.2	3	2	0.3	3.6	2	0.2	3.2	
15	2	0.2	3	2	0.2	3.2	2	0.3	3.2	2	0.2	3.4	29	2	0.2	3	2	0.2	3.4	2	0.3	3	2	0.3	3	
				0,0			2	0.2	3.2	2	0.2	3	30	2	0.3	3	2	0.3	3	2	0.3	3.2	2	0.3	3.4	
							2	0.2	3.2	2	0.2	3	31	2	0.2	3.8	2	0.3	3.6	2	0.2	3	2	0.2	3.4	

Datos microsismicos de la Estación de Veracruz.

Componente N S

DICIEMBRE 1957

Componente E W

Día	0 ^h			06 ^h			12 ^h			18 ^h			0 ^h			06 ^h			12 ^h			18 ^h				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
1°	2	7	6.2	2	4.7	6	2	3.7	6	2	4	6	2	7.7	6.2	2	5	6	2	4.4	6	2	4.4	6		
2	2	4.6	6	2	3.4	6	2	2.5	6	2	3.1	6	2	4.7	6	2	3.2	6	2	3.1	6	2	2.7	6		
3	2	2.8	6	2	1.5	6	2	1	6	2	1.3	6.2	2	2.6	6	2	2.1	6	2	0.9	6	2	0.9	6		
4	2	1.1	6.2	...	...	...	2	3.2	3.0	2	7.0	4.6	2	1.2	6.4	...	...	...	2	3.2	3.4	2	2.6	5
5	2	3	4	2	1.0	5	2	0.7	3.4	2	1.1	4	2	2.7	4	2	1.4	4.2	2	0.9	3.6	2	1	4.4		
6	2	1.4	4.4	2	0.0	4.4	2	0.9	5.2	2	3.3	3.4	2	0.9	5.2	2	0.0	4.2	2	0.6	5.4	2	2.2	3.2		
7	2	4.5	3.0	2	4.1	3.6	2	1.6	4.2	2	0.9	5.0	2	4.6	3.6	2	3.6	3.0	2	2.1	3	2	0.7	4.4		
8	2	0.8	3.4	2	0.9	4.6	2	0.5	5.8	2	1.4	3.2	2	0.8	5.2	2	0.8	4	2	0.9	6	2	1.1	3.6		
9	2	2.8	3.4	2	3.1	3.6	2	1.4	4.4	2	2.2	5.2	2	1.3	3.6	2	2.7	4	2	1.8	4.2	1	2.1	5.2		
10	1	3.7	6	1	3.2	5.8	1	3.6	6	1	3.9	5.2	1	3.4	5.6	1	3.8	5.4	1	3.1	5.8	1	3.1	5.2		
11	1	2.6	5	1	1.5	4.0	2	1.3	5.4	2	2.3	4.8	1	2.4	5.2	2	1.2	4.8	2	1	5.2	2	1.2	5.0		
12	2	3.1	5	2	2.9	5.6	2	2.2	5.8	2	2.7	5.7	2	2.9	4.8	2	2.7	4.4	2	2.1	5.8	2	2.3	5.4		
13	2	2.5	5.0	2	2.2	5.8	2	0.6	5.2	2	1.3	5.6	2	2.3	5.6	2	1.8	5.6	2	0.9	5.4	2	1.5	5.6		
14	2	1.3	5.6	2	0.7	6	2	0.9	3.4	2	1.1	5.2	2	1.0	6	2	1.2	6	2	0.9	4.4	2	0.0	5.2		
15	2	0.9	5.6	2	1.1	4.4	2	1	5.2	2	0.0	5.4	2	0.0	4.8	2	0.9	4.8	2	1.1	4.2	2	0.9	5.6		
16	2	0.8	6	2	0.8	5.6	2	0.6	5.2	2	0.9	6	2	1	5.6	2	0.0	5.6	2	0.6	5.0	2	0.7	5.6		
17	2	0.8	5.0	...	...	...	2	0.4	6	2	0.7	5.2	2	0.8	4.6	...	...	...	2	0.5	4.6	2	0.6	3.0
18	2	0.7	5.4	2	0.6	4.6	2	0.6	6	2	0.8	5.8	2	0.7	4.6	2	0.6	4.2	2	0.6	5.0	2	0.6	5.2		
19	2	0.6	5.6	2	0.6	5.6	2	0.6	6	2	0.9	6.2	2	0.6	6	2	0.6	5.8	2	0.6	6	2	0.6	6		
20	2	0.9	6	2	0.7	6.2	2	1.6	3	1	3.4	3	2	0.7	6	2	0.7	6.2	2	1.2	3	1	2.8	3		
21	2	1.3	5.4	2	1.2	6.2	2	0.9	6	2	1.1	6	2	1.6	6	2	1	6	2	0.9	6	2	1.3	6.2		
22	2	1.5	6	2	0.9	6.2	2	0.8	6	2	1.4	6	2	1.4	5.8	2	1.1	6	2	1.2	6.2	2	1.1	5.8		
23	2	0.9	6	2	0.9	6	2	0.9	5.0	2	1	6	2	1	6.2	2	1	5.8	2	0.6	5.0	2	1	6		
24	2	1.2	6	2	0.0	6	2	0.7	3.6	...	...	...	2	0.0	5.6	2	0.9	6	2	0.9	3.6	...	...	...
25	2	0.9	5.6	2	1	5.2	2	0.9	6	2	1.2	5.6	2	1	5.0	2	0.9	4.4	2	0.9	5.2	2	1.1	5.2		
26	2	1.1	5.6	2	1.1	6	2	0.9	5.8	2	1.2	5.6	2	0.9	5.4	2	0.8	5.2	2	0.9	5.2	2	1.1	4		
27	2	0.9	6	2	0.9	6.2	2	0.8	6	2	0.9	5.6	2	0.8	5.8	2	0.8	5.2	2	0.8	5.2	2	1	6		
28	2	0.9	5.6	2	0.7	6.2	2	0.8	5.6	2	1	6	2	0.9	5.6	2	0.6	5.0	2	0.0	6	2	0.9	6		
29	2	1	6	2	1	6	2	0.8	6	2	1.1	4.4	2	0.7	4.8	2	0.9	5.6	2	0.7	6	2	0.0	5.2		
30	2	0.8	6	2	1	4.2	2	0.6	6	2	0.7	5.6	2	0.7	4.4	2	0.9	4.2	2	0.7	5.6	2	0.0	5.8		
31	2	0.9	6	2	0.7	6	2	0.6	5.6	2	0.9	6	2	0.7	5.8	2	0.7	5.8	2	0.6	6	2	0.0	6		

Día	0 ^h			06 ^h			12 ^h			18 ^h			Día	0 ^h			06 ^h			12 ^h			18 ^h		
	K	A	T	K	A	T	K	A	T	K	A	T		K	A	T	K	A	T	K	A	T	K	A	T
1°	2	7.2	3.0	2	6.2	3.6	2	4.1	3.6	2	1.5	3.2	16	2	0.7	3	2	0.6	4	0.0	...	2	0.5	3	
2	2	0.9	3.4	2	0.5	3	2	0.6	3.4	2	0.7	4	17	2	0.5	3	2	0.5	3	2	0.5	2.8	2	0.5	2.8
3	2	0.6	4	2	1	4.6	2	0.6	4	2	0.6	3.6	18	2	0.5	3	2	0.5	2.0	2	0.5	2.8	2	0.5	3
4	2	0.6	3.4	...	...	...	2	1.1	3.2	2	1.8	3.6	19	2	0.6	3.4	2	0.6	3	2	0.6	2.8	2	0.6	3
5	2	1.5	3.4	2	0.9	3	2	0.6	3	2	0.6	3	20	2	0.6	3	2	0.6	3	...	...	1	2.6	3	
6	2	0.7	3	2	0.5	3	2	0.6	3	2	2	3.2	21	2	1.3	3	2	0.7	3	2	0.7	3	2	0.7	3.4
7	2	5.4	3.2	2	3.3	3.2	2	1.8	3	2	0.7	3	22	2	0.7	3	2	0.6	3	2	0.7	3	2	0.6	2.8
8	2	0.7	3	2	0.7	2.8	2	0.5	2.8	2	1.3	3	23	2	0.6	3.2	2	0.7	2.8	2	0.2	2.8	2	0.6	3
9	2	2.9	3.2	2	2.0	3.2	2	1.1	3	2	1.2	3.6	24	2	0.6	3	2	0.7	3	2	0.6	3	...	...	...
10	2	1.4	3.4	2	0.9	3.2	2	1.1	3.6	2	1.3	4.2	25	2	0.7	2.0	2	0.6	2.4	2	0.7	3	2	0.7	3
11	2	1.1	3.0	2	0.5	3	2	0.5	3	2	0.7	3.4	26	2	0.6	3	2	0.6	2.8	2	0.6	2.8	2	0.7	3
12	...	...	...	...	...	...	...	...	...	2	0.6	3.6	27	2	0.6	2.8	2	0.5	3	2	0.5	3	2	0.7	3
13	2	0.9	3.4	2	0.7	3	2	0.7	3.4	2	0.6	3.2	28	2	0.6	3	2	0.6	3.2	2	0.5	2.8	2	0.9	2.8
14	2	0.6	3.2	2	0.6	3	2	0.6	3.2	2	0.6	3.2	29	2	0.0	2.6	2	0.9	2.0	2	0.6	2.6	2	0.7	3.2
15	2	0.5	3.2	2	0.7	3	2	0.7	3	2	0.9	3.2	30	2	0.7	3	2	0.7	3	2	0.7	3	2	0.6	3
													31	2	0.6	3	2	0.6	2.6	2	0.5	2.8	2	0.6	2.8

H C R A S	TACUBAYA									MERIDA									VERACRUZ									
	N - S			E - W			Z	N - S			E - W			Z	N - S			E - W			Z							
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T				
0	2	0.9	5	2	0.9	4.6	2	0.5	4	2	0.4	3	2	0.4	3.8	2	0.3	3.6	2	3.1	5	2	2.9	4.8	...			
1	2	0.9	5.2	2	0.9	5.2	2	0.5	4.2	2	0.4	3.4	2	0.3	3.6	2	0.3	3.2	2	2.9	5.2	2	2.8	5	...			
2	2	0.8	4.8	2	0.9	4.8	2	0.6	4	2	0.5	3.2	2	0.4	3.6	2	0.3	3	2	3	4.6	2	3.1	4.8	...			
3	2	0.9	4.0	2	0.5	4.4	2	0.6	3.0	2	0.4	3.2	2	0.4	4	2	0.6	2.0	2	3.5	5.2	2	3.3	5.2	...			
4	2	0.0	4.6	2	0.9	4.0	2	0.6	4.2	2	0.4	3.2	2	0.4	3.4	2	0.7	2.6	2	3.4	5.2	2	2.6	5.2	...			
5	2	0.8	5	2	0.6	4.4	2	0.6	4	2	0.5	3.2	2	0.5	3.4	2	0.0	2.2	2	3	5.4	2	2.7	5	...			
6	2	0.9	4.0	2	0.6	4.4	2	0.6	3.0	2	0.5	3.4	2	0.6	3.4	2	0.7	2.4	2	2.9	5.6	2	2.9	4.4	...			
7	2	1.1	5	2	1	4.6	2	0.6	3.0	2	0.5	3.2	2	0.4	3.0	2	0.3	3.4	2	2.6	5.2	2	2.1	4.6	...			
8	2	0.7	4.4	2	1	5.2	2	0.5	3.6	2	0.5	3.2	2	0.4	4.2	2	0.5	2.0	2	2.2	5.6	2	2	5.2	...			
9	2	0.9	4.0	2	0.7	4.4	2	0.7	4.0	2	0.6	3.4	2	0.5	3.0	2	0.4	3	2	1.9	5.4	2	2	4.4	...			
10	2	1.1	5	2	0.0	4.0	2	0.7	5.2	2	0.7	3.4	2	0.5	3.6	2	0.7	2.6	2	1.3	5.2	2	2	4.0	...			
11	2	1	4.6	2	1.1	4.0	2	0.7	4.0	2	0.7	3.4	2	0.6	3.6	2	0.6	5.0	2	1.7	5.4	2	1.9	5.6	...			
12	2	1.2	5	2	1.2	5.2	2	1	4.6	2	0.5	3.0	2	0.5	3.0	2	0.5	2.6	2	2.2	5.0	2	2.1	5.0	...			
13	2	1.3	5	2	1.2	5	2	0.7	4.4	2	0.7	4.2	2	0.6	3.6	2	0.0	2.4	2	3	6	2	3.1	6	...			
14	2	1.3	5.4	2	1	5.4	2	0.7	4	2	0.6	3.6	2	0.4	3.0	2	0.7	2.4	2	3.3	5.6	2	2.1	5.4	...			
15	2	1	5.2	2	0.9	5.4	2	0.0	4.0	2	0.0	4.2	2	0.5	4	2	0.4	2.0	2	3.2	6	2	1.7	5.6	2	0.9	2.0	
16	2	1	5	2	0.9	5.4	2	0.9	4.6	2	0.8	4.2	2	0.5	4.4	2	0.3	3	2	2.6	6.2	2	2.4	6	2	0.7	3	
17	2	1	5	2	1	5.4	2	0.0	4.6	2	0.7	4	2	0.6	4	2	0.2	3.6	2	2.6	6	2	2.2	6	2	0.7	3.2	
18	2	1	5.4	2	1	5.4	2	0.6	4.2	2	0.7	3.6	2	0.5	4.2	2	0.2	3.2	2	2.7	5.0	2	2.2	5.4	2	0.6	3.6	
19	2	1	5.6	2	1	4.0	2	1	4.0	2	0.8	3.6	2	0.6	4.4	2	0.2	3.4	2	2.5	5.0	2	2.9	5.0	2	0.6	3	
20	2	0.9	5.6	2	1.1	5.2	2	1.1	4.0	2	1	3.4	2	0.5	4.4	2	0.2	3.4	2	2.6	6	2	2.6	6	2	0.7	3.2	
21	2	0.9	5.6	2	1.1	5	2	0.9	3.0	2	0.9	3	2	0.5	3.0	2	0.2	3.6	2	2.3	6	2	2.6	5.0	2	0.7	3	
22	2	0.8	5.2	2	1.4	5.6	2	0.6	4.4	2	0.6	3.0	2	0.6	4.4	2	0.2	3.2	2	2.2	5.6	2	2.1	5	2	1	3.0	
23	2	1	5.4	2	0.9	5.2	2	1	4.0	2	0.6	3.2	2	0.5	4.6	2	0.2	4	2	2.5	5.0	2	2.1	5.6	2	0.9	3.2	
13 DICIEMBRE 1957.																												
0	2	1.1	5.4	2	0.9	5.2	2	1.3	5.6	2	0.7	3.4	2	0.5	4	2	0.2	3.2	2	2.5	5.0	2	2.3	5.6	2	0.9	3.4	
1	2	1	5.4	2	1	4.6	2	0.9	5.2	2	0.9	3	2	0.5	4.4	2	0.2	3.4	2	2.5	5.6	2	2.1	5.2	2	0.9	3.4	
2	2	1.1	5.0	2	1	5	2	0.9	4.0	2	0.0	3.0	2	0.5	4	2	0.2	3.4	2	2.5	6	2	2.6	5.6	2	0.7	3	
3	2	1.2	5.6	2	0.9	5	...	2	0.7	4	2	0.5	4	2	0.2	3.4	2	0.2	3.4	2	2.9	6	2	1.9	5.4	2	0.9	3
4	2	0.0	5.4	2	0.0	4.0	...	2	0.4	3.4	2	0.5	4	2	0.2	3.2	2	0.2	3.2	2	2.6	5.0	2	1.9	5.4	2	0.9	3.4
5	2	0.9	5.4	2	0.0	5	...	2	0.6	3	2	0.4	3.4	2	0.2	3.2	2	0.2	3.2	2	2.2	5.0	2	1.9	5.4	2	0.7	3
6	2	1	5.4	2	0.9	5	...	2	0.6	3.4	2	0.3	4	2	0.2	3.4	2	0.2	3.4	2	2.2	5.0	2	1.0	5.6	2	0.7	3
7	2	0.9	5	2	0.9	5	...	2	1	3.4	2	0.5	4	2	0.2	3.2	2	0.2	3.2	2	2.1	5.0	2	1.9	6	2	0.6	3
8	2	0.9	4.6	2	0.9	4.6	...	2	0.8	3.6	2	0.6	4	2	0.2	3.2	2	0.9	5.6	2	1	5.4	2	0.6	3.2	2	0.6	3.2
9	2	0.0	4.6	2	1	5	...	2	0.0	3.0	2	0.5	4	2	0.2	3.4	2	0.7	6	2	1.1	4.2	2	0.6	3	2	0.6	3
10	2	0.0	5	2	0.0	5	...	2	1.1	3.4	2	0.4	4	2	0.2	3.2	2	0.0	6	2	1.1	5.6	2	0.7	3.4	2	0.7	3.4
11	2	1	4.0	2	0.9	5	...	2	0.9	3.6	2	0.6	4	2	0.2	3.6	2	0.0	5.6	2	0.9	5.6	2	0.9	5.6	2	0.7	3.4
12	2	0.9	5	2	0.0	4.0	...	2	1.1	3.4	2	0.7	3.6	2	0.2	3.4	2	0.6	5.2	2	0.9	5.4	2	0.7	3.4	2	0.7	3.4
13	2	0.7	4.0	2	0.0	5	...	2	0.9	3.6	2	0.6	4.2	2	0.2	3.6	2	1.1	4.0	2	2.1	6	2	2.1	6	2	0.7	3.2
14	2	0.0	4.6	2	0.0	5	...	2	0.9	3.6	2	0.6	3.0	2	0.2	3.4	2	1.6	5.0	2	1.7	6	2	1.7	6	2	0.7	3
15	2	0.9	5.2	2	1.1	5	2	0.7	5.2	2	1	4	2	0.6	4.4	2	0.2	3	2	1.4	6	2	1.6	6	2	0.7	3	
16	2	1.1	4.0	2	1	5.2	2	0.0	5.2	2	0.9	3.0	2	0.7	4.2	2	0.2	3.2	2	2	5.0	2	1.6	5.0	2	0.6	3.2	
17	2	1.1	4.0	2	1.1	5	2	0.0	5.2	2	0.0	3.6	2	0.6	3.0	2	0.2	3	2	1.6	5.6	2	1.6	5.4	2	0.6	3.2	
18	2	1	4.0	2	1.1	5	2	0.0	5.2	2	0.7	3.4	2	0.5	3.0	2	0.2	3.2	2	1.3	5.6	2	1.5	5.6	2	0.6	3.2	
19	2	1.2	5	2	1.2	5.4	2	0.0	4.0	2	0.0	3.4	2	0.5	4	2	0.2	3.2	2	1.3	5.0	2	1.7	6	2	0.7	3	
20	2	1.1	5	2	1.3	5.2	2	0.0	5	2	0.5	3.2	2	0.5	3.0	2	0.2	3.4	2	1.4	6	2	1.9	5.0	2	0.7	3	
21	2	1.2	4.6	2	1.3	5.2	2	0.0	5.2	2	0.6	3.4	2	0.2	3.6	2	0.2	3.2	2	1.4	6	2	1.0	5.0	2	0.6	3.4	
22	2	1.6	5.2	2	1.1	5.2	2	0.7	5.4	2	0.5	3.2	2	0.2	4	2	0.2	3.2	2	1.3	5.0	2	1.7	6	2	0.6	3.4	
23	2	1	5.4	2	1.2	5	2	0.9	4.4	2	0.5	3.2	2	0.3	3.0	2	0.2	3.2	2	1.3	5.0	2	1.7	6	2	0.6	3.2	

H O R A S	TACUBAYA									MERIDA									VERACRUZ													
	N - S			E - W			Z			N - S			E - W			Z			N - S			E - W			Z							
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
0	2	1.4	5.2	2	1.1	4.8	2	0.6	4.4	2	0.4	3.2	2	0.3	3.8	2	0.2	3	2	1.3	5.6	2	1.8	6	2	0.6	3.4					
1	2	1.3	5	2	1.2	4.8	2	0.7	4.4	2	0.4	3	2	0.3	3.6	2	0.2	3	2	1.3	5.6	2	1.7	6	2	0.6	3.4					
2	2	1.7	5.4	2	1.5	5	2	0.7	4	2	0.3	3.4	2	0.2	4	2	0.2	3	2	1.2	6	2	1.7	5.8	2	0.6	3.2					
3	2	1.8	5.2	2	1.6	4.8	2	0.6	3.8	2	0.3	3.2	2	0.2	3.6	2	0.2	3	2	1	5.8	2	1.7	5.8	2	0.6	3.4					
4	2	1.5	5	2	1.3	5.2	2	0.5	3.8	2	0.2	3.2	2	0.2	3.6	2	0.2	3.4	2	0.9	6	2	1.3	6	2	0.6	3.2					
5	2	1.4	5.2	2	1.2	5	2	0.5	3.4	2	0.3	3	2	0.2	3.6	2	0.2	3.4	2	1.3	6	2	1.6	6	2	0.7	3.4					
6	2	1.1	5.4	2	1	5	2	0.6	3.4	2	0.2	3	2	0.2	3.6	2	0.2	3.2	2	0.7	6	2	1.2	6	2	0.6	3					
7	2	1.1	5	2	0.9	5.2	2	0.6	3.2	2	0.3	3.4	2	0.2	3.6	2	0.2	3.4	2	0.5	5.8	2	0.7	6.2	2	0.6	3					
8	2	1	4.8	2	0.8	5	2	0.5	3.4	2	0.3	3	2	0.2	3.8	2	0.2	3.2	2	0.5	5.2	2	0.5	5.8	2	0.6	3.2					
9	2	1.2	5	2	0.5	5.2	2	0.6	3.6	2	0.3	3.4	2	0.5	4	2	0.2	3.4	2	0.4	6	2	0.6	5.2	2	0.5	3.4					
10	2	1.2	5	2	0.6	5	2	0.5	3.8	2	0.3	3.2	2	0.2	4	2	0.3	3.2	2	0.5	5.8	2	0.3	5.8	2	0.5	3.2					
11	2	1	5.2	2	0.7	4.6	2	0.5	3.8	2	0.3	3	2	0.3	9	2	0.3	3.2	2	0.4	5.6	2	0.6	5	2	0.5	3.4					
12	2	1.3	5.2	2	0.8	4.8	2	0.6	3.6	2	0.3	3	2	0.2	3.8	2	0.3	3	2	0.9	3.4	2	0.9	4.4	2	0.6	3.2					
13	2	1.3	5.2	2	0.8	4.8	2	0.6	3.6	2	0.2	3.2	2	0.3	3.6	2	0.3	3.2	2	0.1	5.8	2	1.2	5.8	2	0.7	3					
14	2	1.2	5	2	0.7	4.6	2	0.6	3.8	2	0.2	3	2	0.3	3.8	2	0.2	3.2	2	1.6	5.4	2	1.5	6	2	0.6	3					
15	2	0.9	5	2	0.8	5	2	0.7	4.2	2	0.4	3.4	2	0.3	3.8	2	0.2	3.2	2	1.4	4.8	2	1.1	3.8	2	0.6	3.2					
16	2	1	5	2	0.9	5	2	0.6	4.2	2	0.3	3.2	2	0.3	3.6	2	0.2	3	2	1.4	4.4	2	1	4.4	2	0.6	3					
17	2	0.9	5.2	2	0.8	5	2	0.6	3.6	2	0.3	3	2	0.3	3.4	2	0.2	3	2	1.1	3.2	2	1	5.6	2	0.6	3.6					
18	2	0.9	5.2	2	0.9	4.8	2	0.5	4	2	0.3	3.2	2	0.3	3.2	2	0.2	3.4	2	1.1	5.2	2	0.8	5.2	2	0.6	3.2					
19	2	1	4.8	2	0.9	4.6	2	0.5	4	2	0.4	3.4	2	0.3	3.4	2	0.2	3.2	2	1	4.4	2	0.9	4.4	2	0.6	3.2					
20	2	0.9	5	2	0.9	5	2	0.3	3.8	2	0.3	3	2	0.3	3	2	0.2	3	2	1.1	5.2	2	0.8	4.6	2	0.6	3.2					
21	2	1	5	2	0.6	4.6	2	0.5	3.8	2	0.3	3.4	2	0.3	3	2	0.2	3	2	1	5.4	2	0.9	5.2	2	0.6	3.2					
22	2	0.8	5.2	2	0.6	4.6	2	0.6	3.6	2	0.3	3	2	0.3	3	2	0.2	3.2	2	1.1	5.4	2	0.8	5.4	2	0.5	3					
23	2	0.8	4.8	2	0.8	5	2	0.5	3.8	2	0.3	3.2	2	0.3	3.2	2	0.2	3.4	2	0.1	6	2	0.6	4.6	2	0.6	3					
15 DICIEMBRE 1957.																																
0	2	0.8	4.8	2	0.7	5	2	0.6	3.8	2	0.3	3.2	2	0.3	3	2	0.2	3	2	0.9	5.6	2	0.8	4.8	2	0.5	3.2					
1	2	0.9	5	2	0.8	5	2	0.5	3.8	2	0.3	3.2	2	0.3	3.2	2	0.2	3	2	1	5.2	2	0.9	4.2	2	0.6	3					
2	2	0.8	5	2	0.8	5.4	2	0.6	3.6	2	0.3	3	2	0.2	4.2	2	0.2	3	2	0.9	5.2	2	1	3.8	2	0.7	3					
3	2	0.8	4.6	2	0.8	4.6	2	0.6	4	2	0.3	3	2	0.3	3.4	2	0.3	5.4	2	0.9	6	2	1.1	3.4	2	0.7	3					
4	2	0.8	4.6	2	0.7	4.6	2	0.8	4.8	2	0.3	3.2	2	0.3	3.4	0.0			2	0.9	5.4	2	1	3.2	2	0.7	3.2					
5	2	0.6	4.8	2	0.8	5	2	0.6	4	2	0.3	3	2	0.3	3.2	0.0			2	1.1	4.6	2	0.8	3.6	2	0.7	3					
6	2	0.5	5	2	0.5	4.4	2	0.6	4	2	0.3	3.4	2	0.3	3.4	0.0			2	1.1	4.4	2	0.9	4.8	2	0.7	3					
7	2	0.6	5	2	0.5	3.8	2	0.5	4	2	0.3	3.2	2	0.3	3.4	2	0.2	3	2	0.7	5.2	2	0.9	3.8	2	0.8	3					
8	2	0.5	5	2	0.5	3.6	2	0.6	4	2	0.3	3.4	2	0.2	3.6	2	0.2	3	2	0.9	4.4	2	1.2	3.4	2	0.9	3					
9	2	0.5	4.8	2	0.7	5	2	0.5	3.8	2	0.3	3	2	0.2	3.4	2	0.2	3.4	2	0.9	4.4	2	0.9	3.4	2	0.9	3.2					
10	2	0.4	4.8	2	0.4	4.2	2	0.6	3.8	2	0.3	3.2	2	0.2	3.4	2	0.2	3	2	0.8	4.4	2	1.1	3.8	2	0.9	3					
11	2	0.5	5	2	0.4	4.4	2	0.6	3.8	2	0.3	3.2	2	0.3	3.8	2	0.2	3.2	2	0.6	3.8	2	0.8	3.8	2	0.7	3					
12	2	0.5	4.8	2	0.5	5	2	0.6	4	2	0.3	3.2	2	0.3	3.6	2	0.2	3.2	2	1	5.2	2	1.1	4.2	2	0.7	3					
13	2	0.5	4.8	2	0.8	5	2	0.5	3.8	2	0.3	3.4	2	0.3	3.4	2	0.2	3.4	2	1	5.2	2	1	4	2	0.9	3.2					
14	2	0.5	5	2	0.7	5	2	0.6	4	2	0.3	3.2	2	0.4	3.2	2	0.2	3.8	2	1	5.6	2	0.9	5.2	2	0.9	3					
15	2	0.3	3.2	2	0.6	3.8	2	0.6	4.2	2	0.3	3.8	2	0.3	3.8	2	0.2	3.2	2	0.8	4.8	2	0.8	5.2	2	0.9	3.2					
16	2	0.5	4.6	2	0.5	4.2	2	0.5	4	2	0.3	3.6	2	0.2	3.6	2	0.2	3	2	1	4.8	2	0.9	5.4	2	0.9	3.2					
17	2	0.6	4.8	2	0.4	4.4	2	0.6	4.2	2	0.3	3.4	2	0.2	3.6	2	0.2	3.2	2	0.9	5.8	2	1	4.4	2	0.9	3.2					
18	2	0.6	4.6	2	0.7	4.6	2	0.6	3.8	2	0.3	3.2	2	0.3	3.4	2	0.2	3	2	0.8	5.4	2	0.9	5.6	2	0.9	3.2					
19	2	0.6	5.2	2	0.7	4.6	2	0.5	3.8	2	0.3	3.2	2	0.2	3.6	2	0.2	3.4	2	0.9	5.6	2	0.9	5.6	2	0.7	3.4					
20	2	0.8	5	2	0.7	4.6	2	0.6	3.8	2	0.2	3	2	0.2	3.6	2	0.2	3	2	1	5.2	2	0.9	5.2	2	0.7	3					
21	2	0.3	3.2	2	0.3	3.4	2	0.6	4	2	0.3	3.2	2	0.3	3.2	2	0.2	3.2	2	0.9	5.6	2	0.9	5.2	2	0.5	3					
22	2	0.8	4.6	2	0.8	4.6	2	0.6	3.8	2	0.3	3.2	2	0.3	3.2	2	0.2	3.2	2	0.9	5.6	2	0.9	5.2	2	0.5	3					
23	2	0.5	4.4	2	0.4	4	2	0.6	4	2	0.2	3	2	0.3	3.4	2	0.2	3.2	2	1	4.4	2	0.9	4.4	2	0.7	3.2					

2 0.8 4 2 0.5 4.4 2 0.6 3.6 2 0.2 3 2 0.2 4.2 2 0.2 4.4 2 0.6 5.6 2 0.7 4 2 0.5 3

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	TACUBAYA									MERIDA									VERACRUZ										
	N-S			E-W			Z			N-S			E-W			Z			N-S			E-W			Z				
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A
0	2	0.6	4.4	2	0.6	4.4	2	0.7	3.6	2	0.2	3.2	2	0.2	4.2	2	0.2	3.2	2	0.7	5.4	2	0.7	4.6	2	0.5	3		
1	2	0.9	4.8	2	0.6	3.8	2	0.6	2.6	2	0.2	3.4	2	0.2	4.2	2	0.2	3.6	2	0.6	5.6	2	0.7	5.8	2	0.5	3		
2	2	0.8	4.8	2	0.3	3.2	2	0.6	3.4	2	0.2	3.2	2	0.2	4.2	2	0.2	3.2	2	0.6	5.6	2	0.6	5.2	2	0.5	2.8		
3	2	0.8	5	2	0.3	3.4	2	0.5	3.8	2	0.2	3.4	2	0.2	3.8	2	0.2	3.4	2	0.6	5.2	2	0.6	5.2	2	0.5	2.8		
4	2	0.5	4.4	2	0.6	3.6	2	0.6	3.6	2	0.2	3	2	0.2	3.6	2	0.2	3.8	2	0.6	5.6	2	0.6	4.6	2	0.5	2.6		
5	2	0.6	4.6	2	0.5	3.8	2	0.5	3.6	2	0.2	3	2	0.2	4.3	2	0.2	3.2	2	0.6	5	2	0.6	4.4	2	0.5	2.8		
6	2	0.4	3.8	2	0.6	4.6	2	0.4	3.8	2	0.2	3.2	2	0.2	3.8	2	0.2	3.6	2	0.6	4.6	2	0.6	4.2	2	0.5	2.8		
7	2	0.6	4.6	2	0.3	3.8	2	0.3	3.6	2	0.2	3.6	2	0.2	3.8	2	0.2	3.2	2	0.5	4.8	2	0.5	4.8	2	0.5	2.6		
8	2	0.4	4.2	2	0.3	4	2	0.3	3.8	2	0.2	4.2	2	0.2	3.6	2	0.2	3.4	2	0.4	5.2	2	0.5	5.2	2	0.5	2.8		
9	2	0.3	4	2	0.3	4.2	2	0.3	3.8	2	0.2	4	2	0.2	4	2	0.2	3.2	0.0	0.0	2	0.5	5.4	2	0.5	2.8			
10	2	0.3	4	2	0.3	4.4	2	0.5	3.8	2	0.2	4.2	2	0.2	4.2	2	0.2	3	0.0	0.0	2	0.5	5.6	2	0.5	2.6			
11	2	0.3	4.4	2	0.2	4.2	2	0.4	3.8	2	0.2	3.8	2	0.2	4.4	2	0.2	3	0.0	0.0	2	0.5	5.6	2	0.5	2.6			
12	2	0.3	4	2	0.4	4.6	2	0.3	3.8	2	0.2	3.8	2	0.2	4.6	2	0.2	3	0.0	0.0	2	0.6	6	2	0.6	5.8	2	0.5	2.8
13	2	0.3	4.4	2	0.3	4.4	2	0.4	3.8	2	0.2	4.4	2	0.2	4	2	0.2	3.2	2	0.6	5.6	2	0.6	5.4	2	0.5	2.6		
14	2	0.3	4.2	2	0.4	4.6	2	0.5	3.8	2	0.2	4	2	0.2	4.4	2	0.3	3.2	2	0.6	5.8	2	0.6	5.2	2	0.5	2.8		
15	2	0.3	4.2	2	0.5	3.6	2	0.5	4	2	0.2	4.4	2	0.2	4.6	2	0.3	3.4	2	0.8	6	2	0.6	5.4	2	0.5	2.8		
16	2	0.1	2.4	2	0.3	2.6	2	0.6	3.8	2	0.2	4.8	2	0.2	4.4	2	0.3	3.8	2	0.7	5.4	2	0.6	5.2	2	0.5	3		
17	2	0.5	4.4	2	0.4	3.8	2	0.5	4	2	0.2	4.2	2	0.2	4	2	0.3	4	2	0.8	5.6	2	0.6	5.4	2	0.5	3		
18	2	0.6	3.8	2	0.2	1.6	2	0.5	3.8	2	0.2	4.4	2	0.2	4.8	2	0.2	3.4	2	0.8	5.8	2	0.6	5.4	2	0.5	3		
19	2	0.3	3.4	2	0.3	3	2	0.6	3.8	2	0.2	4	2	0.2	4.4	2	0.3	3.8	2	0.8	5.8	2	0.6	5.2	2	0.5	3		
20	2	0.5	3.8	2	0.3	3.4	2	0.4	3.8	2	0.2	4	2	0.2	4	2	0.2	4.4	2	0.6	6	2	0.8	4.8	2	0.5	3		
21	2	0.5	3.6	2	0.3	3.4	2	0.5	3.8	2	0.2	4.4	2	0.2	4.8	2	0.3	3.6	2	0.6	6	2	0.7	5.6	2	0.6	3.2		
22	2	0.2	3.4	2	0.3	3	2	0.5	3.8	...	...	...	...	...	...	...	...	...	2	0.6	6	2	0.7	5.6	2	0.5	3
23	2	0.3	3.4	2	0.2	2.4	2	0.4	3.8	...	...	...	...	...	...	...	...	...	2	0.6	6	2	0.7	5.6	2	0.6	3

19 DICIEMBRE 1957

0	2	0.8	4.8	2	0.2	1.8	2	0.5	3.8	...	...	...	2	0.6	5.6	2	0.6	6	2	0.6	6	2	0.6	5.8	2	0.5	3
1	2	0.3	3.4	2	0.1	1.6	2	0.6	3.8	...	...	...	2	0.6	6	2	0.6	5.8	2	0.6	6	2	0.6	5.8	2	0.5	3
2	2	0.5	4.2	2	0.1	2.2	2	0.5	3.6	...	...	...	2	0.3	3.6	2	0.7	5.8	2	0.6	6	2	0.6	5.8	2	0.6	3
3	2	0.3	3.2	2	0.2	2.6	2	0.4	3.4	...	...	...	2	0.3	3.8	2	0.8	6	2	0.7	5.6	2	0.6	5.8	2	0.6	3
4	2	0.2	3	2	0.3	3.2	2	0.5	3.8	...	...	...	2	0.5	4.8	2	0.7	6.2	2	0.7	6	2	0.6	6	2	0.6	3.2
5	2	0.3	3.6	2	0.3	2.8	2	0.6	4	...	...	...	2	0.3	4.4	2	0.6	6	2	0.7	6	2	0.6	6	2	0.5	3.2
6	2	0.2	3.2	2	0.1	2.4	2	0.7	3.8	...	...	...	2	0.3	3.4	2	0.6	5.6	2	0.6	6	2	0.6	5.8	2	0.6	3
7	2	0.5	4.6	2	0.1	2.2	2	0.5	3.6	...	...	...	2	0.4	4.6	2	0.4	5.2	2	0.4	5.6	2	0.6	5.6	2	0.6	3
8	2	0.3	4.2	2	0.2	3.4	2	0.4	3.6	...	...	...	2	0.3	4.2	2	0.4	5.8	2	0.4	5.6	2	0.6	5.6	2	0.6	2.8
9	2	0.3	4.4	2	0.2	3.8	2	0.3	4	...	...	...	2	0.4	4.6	2	0.4	5.2	2	0.4	5.2	2	0.6	5.6	2	0.5	2.8
10	2	0.3	3.8	2	0.1	3.2	2	0.4	4	...	...	...	2	0.3	4	2	0.4	6	2	0.5	4.8	2	0.6	5.6	2	0.5	2.8
11	2	0.2	3.2	2	0.3	2.6	2	0.4	4	...	...	...	2	0.3	4	2	0.4	5.2	2	0.4	6	2	0.6	6	2	0.5	2.8
12	2	0.3	3.6	2	0.3	3.8	2	0.5	3.8	...	...	...	2	0.4	4.6	2	0.6	6	2	0.4	6	2	0.6	6	2	0.5	2.8
13	2	0.2	3.4	2	0.5	5	2	0.5	4	...	...	...	2	0.4	4.6	2	0.6	6	2	0.6	6	2	0.6	6	2	0.6	2.8
14	2	0.2	1.8	2	0.2	1.6	2	0.6	4	...	...	...	2	0.2	3.4	2	0.7	6	2	0.6	6	2	0.6	6	2	0.6	3
15	2	0.4	4.2	2	0.3	2.6	2	0.7	4	2	0.2	3	2	0.2	3.2	2	0.3	3.8	2	0.7	6	2	0.6	6	2	0.6	3
16	2	0.5	4.2	2	0.2	2.2	2	0.5	3.8	2	0.2	3.6	2	0.2	4	2	0.2	3.2	2	0.6	5.8	2	0.6	6	2	0.5	3.2
17	2	0.5	4.4	2	0.2	1.6	2	0.6	4	2	0.2	3.4	2	0.2	3.2	2	0.2	3.2	2	0.6	5.8	2	0.7	5.6	2	0.5	3
18	2	0.5	3.8	2	0.3	2.6	2	0.6	3.8	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.9	5.6	2	0.7	5.8	2	0.6	2.8
19	2	0.7	3.8	2	0.2	1.6	2	0.6	3.8	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.9	6.4	2	0.7	5.6	2	0.6	2.8
20	2	0.1	2.2	2	0.2	1.8	2	0.5	3.8	2	0.2	3.4	2	0.2	3.4	2	0.2	3.4	2	0.7	6.4	2	0.6	6	2	0.5	2.8
21	2	0.3	3.4	2	0.1	1.4	2	0.6	3.8	2	0.2	3.2	2	0.2	3.4	2	0.2	3.4	2	0.7	6	2	0.6	6	2	0.6	3
22	2	0.3	2.6	2	0.1	1.6	2	0.6	4	2	0.2	3.2	2	0.2	3.2	2	0.2	3.2	2	0.7	6	2	0.7	6	2	0.6	2.8
23	2	0.3	2.6	2	0.1	1.4	2	0.6	3.8	2	0.2	3.2	2	0.2	3.2	2	0.2	3.2	2	0.9	6.4	2	0.8	6.2	2	0.6	2.8

H O R A S	TACUBAYA									MERIDA									VERACRUZ													
	N-S			E-W			Z			N-S			E-W			Z			N-S			E-W			Z							
	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T	K	A	T
0	2	0.3	3.4	2	0.1	1.4	2	0.5	3.0	2	0.3	3.4	2	0.2	3	2	0.3	3.2	2	0.9	6	2	0.7	6	2	0.6	3					
1	2	0.5	3.8	2	0.1	2.2	2	0.6	3.0	2	0.3	3.2	2	0.2	3.4	2	0.3	3.4	2	0.9	5.8	2	0.8	6	2	0.6	3					
2	2	0.4	4.2	2	0.3	3.2	2	0.5	3.8	2	0.2	3	2	0.2	3.4	2	0.2	3.6	2	0.8	6	2	0.7	6	2	0.6	3					
3	2	0.4	4	2	0.3	2.8	2	0.5	3.6	2	0.2	3.4	2	0.2	3.4	2	0.3	3.4	2	0.9	6	2	0.7	6	2	0.6	2.8					
4	2	0.7	5.2	2	0.3	2.8	2	0.8	3.6	2	0.2	3	2	0.2	3.2	2	0.3	3.8	2	0.8	6	2	0.6	6	2	0.6	2.8					
5	2	0.3	4.2	2	0.3	2.6	2	0.4	3.6	2	0.2	3.2	2	0.2	3	2	0.2	3.2	2	0.6	5.8	2	0.8	6	2	0.6	2.8					
6	2	0.4	5	2	0.1	1.6	2	0.5	4	2	0.2	3.2	2	0.2	3.2	2	0.3	3.8	2	0.7	6.2	2	0.7	6.2	2	0.6	5					
7	2	0.4	5	2	0.1	1.4	2	0.5	3.6	2	0.2	3	2	0.2	3	2	0.3	3.4	2	0.5	6	2	0.5	6.4	2	0.5	3					
8	2	0.3	4.2	2	0.2	1.6	2	0.4	3.8	2	0.2	3.4	2	0.2	3.4	2	0.3	3.6	2	0.5	6	2	0.5	6	2	0.5	2.8					
9	2	0.5	4.6	2	0.2	1.6	2	0.5	3.8	2	0.3	3	2	0.2	3.2	2	0.3	3.8	2	0.5	6	2	0.4	6	2	0.5	3					
10	2	0.5	4.8	2	0.2	1.8	2	0.6	3.8	2	0.2	3	2	0.2	3.4	2	0.3	3.4	2	0.5	6	2	0.6	6	2	0.5	3					
11	2	0.3	4.4	2	0.2	1.8	2	0.5	3.8	2	0.3	3.4	2	0.2	3.4	2	0.3	4	2	1	3	2	0.8	4.2	2	0.7	3					
12	2	0.6	4.6	2	0.2	1.6	2	0.3	3.8	2	0.2	3.4	2	0.2	3.6	2	0.3	3.8	2	1.6	3	2	1.2	3	...	...	...		
13	2	0.6	5.2	2	0.3	2.8	2	0.4	3.8	2	0.3	3	2	0.2	3.2	2	0.3	3.6	2	3.1	3	2	1.6	3	...	...	...		
14	2	0.6	4.2	2	0.3	3.4	2	0.5	4	2	0.3	3.4	2	0.2	3.4	2	0.3	4	2	5.1	3	2	2.9	3	...	...	...		
15	2	0.2	1.8	2	0.9	5	2	0.5	3.8	2	0.3	3.6	2	0.2	5.4	2	0.3	3.8	2	3.4	3	1	2.4	3	...	...	...		
16	2	0.3	2.6	2	0.9	4.6	2	0.5	4.2	2	0.4	3.4	2	0.2	3.6	2	0.3	4.4	1	3.6	3.2	1	2.8	3	1	3.	3					
17	2	0.9	4.6	2	0.4	2.8	2	0.4	4	2	0.3	3.2	2	0.2	4.8	2	0.2	4.4	1	3.2	3	1	3	3	1	2.7	3					
18	2	0.5	4.2	2	1	4.8	2	0.5	4.4	2	0.4	3.8	2	0.3	4.4	2	0.3	3.4	1	3.4	3	1	2.8	3	1	2.6	3					
19	2	0.9	4.8	2	0.5	4.2	2	0.5	4.2	2	0.3	4.2	2	0.2	3.6	2	0.3	3.4	1	2.7	3	1	1.8	5.4	1	2.7	3					
20	2	0.6	4.8	2	0.7	5	2	0.6	4.4	2	0.3	3.8	2	0.2	3.6	2	0.3	3.4	2	2.1	3.6	2	2	4.2	1	2.4	3					
21	2	0.5	3.8	2	0.6	4.2	2	0.5	3.6	2	0.4	3.4	2	0.2	4.2	2	0.3	3.8	2	1.8	4.8	2	1.9	4.2	1	2.1	3					
22	2	0.7	5	2	0.9	4.8	2	0.6	4	2	0.3	3.4	2	0.3	3.2	2	0.3	3.2	2	1.5	5.2	2	1.8	4.2	1	1.6	3					
23	2	0.7	4.8	2	1	5.2	2	0.6	4	2	0.3	3.6	2	0.3	3.6	2	0.2	3.4	2	1.5	6	2	1.3	4.8	1	1.3	3					
21 DICIEMBRE																																
0	2	0.5	4.4	2	0.8	4.8	2	0.6	4	2	0.4	3.4	2	0.3	3.2	2	0.2	3.4	2	1.3	5.4	2	1.6	6	1	1.3	3					
1	2	0.8	4.8	2	0.9	4.6	2	0.7	3.8	2	0.4	3	2	0.3	3.4	2	0.3	3.4	2	1.2	6.2	2	1.4	6	1	1.1	3					
2	2	0.9	4.8	2	0.3	3.4	2	0.6	4	2	0.4	3.4	2	0.2	3.2	2	0.2	3.2	2	1.4	5.8	2	1.6	6	1	1	3					
3	2	0.8	5	2	0.3	3.2	2	0.7	4	2	0.3	3.2	2	0.3	3	2	0.2	3.8	2	1.5	6.2	2	1	6.2	1	0.8	3					
4	2	0.4	4.4	2	0.3	3.4	2	0.5	3.8	2	0.3	3	2	0.2	3	2	0.2	4.2	2	1.2	6	2	1.1	6	2	0.7	3					
5	2	0.5	5	2	1	4.6	2	0.8	3.6	2	0.4	3.4	2	0.2	3.6	2	0.2	4.2	2	1.4	6	2	1.1	5.8	2	0.7	3					
6	2	0.6	5	2	0.2	1.6	2	0.3	3.6	2	0.2	4.8	2	0.2	3.8	2	0.2	4.4	2	1.2	6.2	2	1	6	2	0.7	3					
7	2	0.4	4.8	2	0.2	1.6	2	0.4	4	2	0.3	3.4	2	0.2	4	2	0.2	3.8	2	0.6	5.4	2	1	6	2	0.7	3					
8	2	0.7	5.8	2	0.3	2.8	2	0.5	3.8	2	0.3	3.2	2	0.2	3.6	2	0.3	3.4	2	0.6	5.6	2	1.1	6	2	0.7	3					
9	2	0.5	5.2	2	0.6	4.2	2	0.4	4	2	0.3	3.6	2	0.2	4.4	2	0.3	3.4	2	0.6	6	2	0.8	5.8	2	0.7	3					
10	2	0.5	5.2	2	0.2	1.6	2	0.5	4	2	0.3	3	2	0.2	4	2	0.3	3.4	2	0.5	6	2	0.9	6	2	0.7	3					
11	2	0.4	4.8	2	0.2	2	2	1	4.8	2	0.3	3	2	0.2	3.8	2	0.3	3.6	2	0.4	6	2	0.7	6	2	0.6	3					
12	2	0.6	5.4	2	0.8	5.8	2	1	5.6	2	0.3	3.4	2	0.3	3.6	2	0.3	3.8	2	0.9	6	2	0.9	6	2	0.7	3					
13	2	1.1	5.6	2	0.7	5.2	2	0.5	4.4	2	0.3	3	2	0.2	3.8	2	0.2	3.4	2	1.2	6	2	1.2	6	2	0.7	3					
14	2	1.1	6	2	0.9	5.6	2	0.5	4.2	2	0.3	3.2	2	0.2	3.6	2	0.3	3.4	2	1.8	6	2	1.5	6	2	0.6	3					
15	2	1.1	5.6	2	0.3	3.4	2	1.1	4.8	2	0.3	3.6	2	0.2	3.4	2	0.3	3.2	2	1.9	6.2	2	1.3	6.2	2	0.6	3					
16	2	0.8	5.2	2	0.7	5.4	2	1.1	5.2	2	0.3	3.4	2	0.2	3.6	2	0.2	3	2	1.8	6	1	1.2	6.2	2	0.6	3					
17	2	0.9	5.4	2	1.2	5.6	2	1.1	4.8	2	0.3	3.2	2	0.2	3.4	2	0.2	3.2	1	1.7	6.4	1	1.1	6.4	2	0.7	3					
18	2	0.7	5.4	2	0.4	2.8	2	0.3	3.8	2	0.3	3	2	0.2	3.4	2	0.2	3.4	1	1.7	6	1	1.3	6.2	2	0.7	3.4					
19	2	0.6	5.4	2	0.6	3.8	2	0.5	4	2	0.3	3	2	0.2	3.4	2	0.2	3.4	1	1.7	6.4	1	1.4	6.4	2	0.7	3					
20	2	0.7	5.4	2	1.1	5.6	2	0.5	4.2	2	0.3	3.2	2	0.2	3.6	2	0.2	3.4	1	1.8	5.4	1	1.5	6.2	2	0.6	3					
21	2	0.8	5.6	2	0.8	4.8	2	0.6	3.8	2	0.3	3.4	2	0.2	3.4	2	0.2	3.4	1	1.9	6.2	1	1.4	6.4	2	0.6	3					
22	2	0.5	5.2	2	1.2	5.6	2	0.7	3.8	2	0.3	3.2	2	0.2	3.2	2	0.2	3.2	1	1.7	6.4	1	1.2	6.4	2	0.6	3					
23	2	0.9	5.8	2	0.9	5.2	2	0.5	3.8	2	0.3	3.2	2	0.2	3.2	2	0.2	3.4	1	1.8	6.2	1	1.2	6.4	2	0.7	3					