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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL
ENERO 1.965

1. eX(P) 04 31 (21), iX 33 14, FX 35.0.-

1. eX(P) 07 38 28.2, eiPP 39 48, eiS 43 25, (i) 44 32, (i)SS 45 36, eiL 49.0-52.0 (T 40-22), F 58.0, d = 3 350 Kms, (H = 07:32:28).-

1. eiXPn 10 05 00 D, eiPb 05 29.5, i(Pg) 05 47, i!Sn 06 32.7, ei(Sb) 07 13, ei(Sg) 07 31, FX 10.0, P-azimut: N, d = 950 Kms, H = 10:02:50, V 376 Z, T 0.6, MC 4.8, CGS: N del Océano Atlántico, 19.6 N, 68.5 W, M 4.5, h = 33 Kms.-

1. eiWZP 21 49 36.0, eiPP 52 18, ePPP 53 50, i!S 58 56, eiPS 59 30, iScS 59 48, ei(SS) 22 03 00, eiL 06.6 (T 60), eiMR 10.7-15.0 (T 40-24), eiL 20.0 (T 20), eiR 21.0-22.5 (T 20), F 23 40.0, P-azimut: E-ENE, d = 7 850 Kms, H = 21:38:31, V 326 Z, T 0.9, CGS: Argelia, 35.7 N, 4.4 E, M 5.2, h = 10 Kms, Hubo 4 muertos, 40 heridos y muchos daños materiales en M'Sila.-

2. eWZXPKP 14 03 15.1, iWZXPKP 03 37.1 D, iPP 06 08, iSKP 06 47, ei 07 38, ePPP 09 44, iSKKS 12 49, iPSKS 16 00, i(PPS) 18 13, ei(SS) 24 52, ei(SSS) 29 48, MR 48.0 (T 55), ML y R 55.2 (T 32), F 15 54.0, R-azimut: NW, d = 15 500 Kms, H = 13:44:05, V 276 Z, T 0.8, CGS: Islas Marianas, 19.1 N, 145.4 E, M 6.1, h = 142 Kms.-

3. eWZX(P) 02 22 (13.0 C), e(PcP) 23 22, i(S) 30 08, ei(SS) 34 00, e(SSS) 36 (00), MR 40.0-49.7 (T 40-16), F 58.0, prob., R-azimut SSW, d = 6 200 Kms, H = 02:12:48, inseguro.-

3. eX(Sn) 02 53 57, ei(Sb) 54 15, i 54 41, FX 55.0.-

5. eiWZ PP 18 25 00 C, iSKS 31 06, iSKKS 32 00, iPS 34 24, iPPS 35 28, eiSS 40 36, iSSS 44 50, eiL 52.4-54.8 (T 48-26), eiL 57.7-60.6 (T 40-24), eiR 19 00.8-03.0 (T 20-18), iMR 05.0-09.0 (T 18), F 20 50.0, R-azimut: SW, d = 12 250 Kms, H = 18:05:55, CGS: Islas Tonga, 20.3 S, 174.1 W, M 6.0, h = 33 Kms.-

6. eiX(P) 02 10 30.0, FX 11 50, V 186 Z, T 0.7, CGS: H = 02:01:22.2, E de Idaho, 44.9 N, 112.7 W, M 5.1, h = 7 Kms. Se sintió al SW de Montana y E de Idaho. d = 6 000 Kms.-

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Continuación del mes de Enero de 1965.

5. Microsísmicidad alta en los LP.

13 h	T = 8 seg	EW	0.63 u	NS	0.77 u	Z	0.68 u
18 h	T = 9 "	EW	0.65 u	NS	0.65 u	Z	0.86 u
24 h	T = 8 "	EW	0.57 u	NS	0.63 u	Z	0.81 u
6. 06 h	T = 8 "	EW	0.54 u	NS	0.50 u	Z	0.59 u
12 h	T = 7.2 "	EW	0.39 u	NS	0.65 u	Z	0.63 u

6. eiP 09 28 27.5 D, iPcP 29 27, ePP 30 16, eiS 36 00, eiL 41.6 (T 60), eL 45.0-48.0 (T 30), iMR 48.4-51.0 (T 22-16), iR 55.0-58.0 (T 14), F 10 20.0, R-azimut: SW d = 6 000 Kms, H = 09:19:12, V 656 Z, T 1.4, CGS: Cresta W de Chile, 41.4 S, 85.4 W, M 5.5, h = 33 Kms.-

6. eWZXP 15 31 36.0, iWZXP 31 39.6 D, eiS 36 12, ei(PcS) 37 24, eR 40.3-42.8 (T 22-19), F 44.0, d = 2 650 Kms, H = 15:26:36, V 306 Z, T 0.7, CGS: frente costa N del Perú. 9.5 S, 79.4 W, M 4.5, h = 44 Kms.-

6. eXP 16 34 53, FX 35 30, V 236 Z, T 0.7, CGS: H = 16:30: 41, d = 2 200 Kms, 1.0 S, 81.4 W, M 4.7, h = 64 Kms, frente costa del Ecuador.-

6. eXPn 17 04 20.0, eiSn 04 55, iSb 05 05, FX 06 10, P-azimut W-WSW, d = 330 Kms, H = 17:03:34, V 276 Z, T 0.7, M 3.7, sentido con 3 MCS en la región Río Tocuyo, Venezuela, 10.2 N, 69.9 W.-

6. iWZXP 18 39 29.2 D, eiPcP 39 55, ePP 42 16, eR 19 05.5 (T 40), eR 08.0 (T 35), eR 13.8 (T 20), F 15.0, d = 8 850 Kms, H = 18:27:33, V 556 Z, T 1.0, CGS: Alaska, Península Kenai, 60.0 N, 151.8 W, M 5.2, h = 53 Kms.-

7. eXPn 03 27 51.0, eiSn 28 59, eiSb 29 21, eSg 29 37, FX 31.0, d = 600 Kms, H = 03:26:36, V 176 Z, T 0.6.-

7. eXPn 06 11 37.0 D, iXPb 11 43.5, iPg 11 49, iSn 12 10, iSb 12 21, iSg 12 30, iR 12 36, FX 15.0, P-azimut: W-WSW (N 95º W), d = 310 Kms, H = 06:10:54, V 706 Z, T 0.6, M 4.0, sentido con 3-4 MCS en la región Río Tocuyo, en el Distrito Torres y Anzoátegui del Distrito Morán, y con 3 MCS en Barquisimeto, 10.3 N, 69.8 W aprox..-

7. eXPn 07 23 35.5, iPn 23 38, eiP 23 48, eiSn 24 09, eiSb 24 15, iSg 24 24, FX 26 20, P-azimut W-WSW, d = 310 Kms, H = 07:22:52, V 416 Z, T 0.7, M 3.8, sismo anterior, sentido en la región Río Tocuyo y Anzoátegui con 3-4 MCS.-

7. i!XPg 08 02 31.1 D, iSg 02 33.1, FX 02 52, P-azimut N 135 E, d = 17 Kms, H = 08:02:28, V 195 Z, T 0.3, M 3.3, región Caracas, no se sintió.-

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Continuación del mes de Enero de 1965.

7. iXPn 11 40 14.0 D, iPb 40 19, iPg 40 30, i 40 37, iSn 40 51, iSb 41 00, iSg 41 09, FX 48.0, P-azimut W-WSW (N 95º W), d = 330 Kms, H = 11:39:28, V 755 Z, T 0.6, MC 5.0, sentido en la región de Río Tocuyo con 4-5 MCS, Anzoátegui 3-4 MCS, Barquisimeto 3 MCS, CGS: Venezuela, 10.5 N, 69.7 W, M 5.3, h = 33 Kms.-

7. eiXP 16 02 37.5, ePP 03 24, ePPP 03 48, iS 07 40, i 07 54, ei(PcS) 08 22, eiSS 09 40, eiL 10.3 (T 36), iMR 12.5-16.0 (T 30-22), eiL 17.0 (T 20), eiL 20.0 (T 16), F 17 00.0, R-azimut: NW-WNW, d = 3 400 Kms, H = 15:56: 29.5, V 326 Z, T 1.0, CGS: Oaxaca, Méjico, 16.2 N, 97.2 W, M 5.5, h = 43 Kms, se sintió en la Ciudad de Méjico.-

7. iXP 18 54 48.7, ei 55 31, i 56 09.0, eiS 56 38, ei! 57 33, i! 57 45, FX en el sismo siguiente. P-azimut NW, d = 1 050 Kms, H = 18:52:44, V 426 Z, T 0.6, MC 4.8, CGS: Colombia, 3.6 N, 74.0 W, M 4.3, h = 33 Kms, se sintió en Bogotá.-

7. eiWZ 18 57 (40), i 57 56, ei! 58 08, eiL 59.0-61.0 (T 12), F 19 08.0.-

7. eiXPKP 19 09 24.5 D, FX 13 00, V 276 Z, T 0.5, CGS: H = 18:49:35.0, Luzón, Islas Filipinas, 18.6 N, 120.9 E, M 4.8, h = 33 Kms.-

7. eiX(P) 22 01 39.0, FX 02 00, V 186 Z, T 0.7.-

8. eiX(Pn) 10 02 36.0 D, Sn 03 29.5, F 04 00, d = 530 Kms, H = 10:01:22, V 235 Z, T 0.2, MC 4.1.-

8. eiX(Sn) 14 33 (17.0), FX 34 00.-

8. eXPn 16 57 37.2, eiPg 58 06, e 58 21.5, eiSn 58 41.5, iSn 58 46, i! 58 55, i 59 09, ei 17 00 20, FX 01 40, d = 700 Kms, H = 16:55:58.7, V 156 Z, T 0.6, MC 4.1.-

8. eXPg 18 15 36.0, iSg 15 38.5, FX 16.0, d = 20 Kms, H = 18:15:32.-

8. eiXWZP 19 01 39.5 D, eiPP 04 26, eiPPP 06 24, e(S) 11 30, eiSKS 11 55, ei!SS 16 45, eSSS 20 00, eiL 26.0-29.0 (T 60-40), iR 30.0-36.0 (T 34-20), eiL 40.0 (T 16), F 20 05.0, P-azimut: SW, P y R-azimut: SW, d = 8 600 Kms, H = 18:49:51.5, V 576 Z, T 0.7, CGS: reg. Islas Sandwich, 59.4 S, 24.0 W, M 5.9, h = 39 Kms.-

8. eiPn 19 24 30.4 C, ei(Pb) 24 33.0, eiPg 24 37.0, ei!Sn 24 45.0, iSb 24 48.0, i 24 53, FX 25 30, P-azimut: NE, d = 115 Kms, H = 19:24:16, V 335 Z, T 0.3, MC 3.9.-

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Continuación del mes de Enero de 1965.

8. eXWZP 21 17 02 D, eiPP 19 22, ei!S 24 20, i!S 24 34, eiScS 27 00, iSS 28 04, iSSS 29 00, iL 30.4 (T 60-40), iR 33.3-36.0 (T 36-24), F en las ondas superficiales siguientes. R-azimut: SW, d = 5 600 Kms, H = 21:08:12, CGS: Cordillera N de las Islas Pascuas. 13.2 S, 112.0 W, M 4.9, h = 33 Kms.-

8. eiWZ 22 00-04.8 (T 30-22), eiR 14.0 (T 16), F 23 36.0.-

9. Microsísmicidad alta en los SP :

	06 h	T 1.5 seg	E	0.066 u	N	0.066 u	Z	0.066 u
	12 h	T 1.5 "	E	0.066 u	N	0.085 u	Z	0.085 u
	18 h	T 1.2 "	E	0.051 u	N	0.051 u	Z	0.071 u
10.	00 h	T 1.3 "	E	0.063 u	N	-	Z	0.086 u
	06 h	T 1.5 "	E	0.076 u	N	-	Z	0.085 u
	12 h	T 1.2 "	E	0.043 u	N	-	Z	0.046 u

9. iWZ PKP1 13 52 42.0 D, ei PKP2 53 00, eiSKP 56 20, eiPP 56 36, ei(SKS) 59 20, e(SKKS) 14 02 40, eiPSKS 07 32, eiPPS 09 56, eSSS 19 32, eL 36.0-40.0 (T 60-50), eiL 45.0-49.0 (T 44-40), ei R y L 53.0-57.0 (T 32-24), eR y L 15 02.0 (T 20), F 52.0, P-azimut: NW, d = 17 450 Kms, H = 13:32:42, V 506 Z, T 1.0, CGS: reg. Islas Filipinas, 11.9 N, 126.2 E, M 6.1, h = 5 Kms.-

9. eiWZX(P) 20 03 (56.0), eL 07.0-09.0 (T 40-20), eR 12.0 (T 20), F 15.0, V 326 Z, T 1.0.-

10. iWZR 03 56.0 (T 16), F 04 03.0, CGS: H = 03:43:44, cerca costa N del Perú, 3.3 S, 81.4 W, M 4.8, h = 78 Kms, d = 2 300 Kms.-

10. i! WZX PKP 07 57 02.0 C, FX 08 01.0, d = 16 250 Kms, H = 07:37:36, V 365 Z, T 0.5, CGS: reg. E de Nueva Guinea, 5.8 S, 147.3 E, M 6.5, h = 113 Kms, se sintió en Ioma.

10. iXPn 08 20 10 C, eiPb 20 30, ei 20 35, iSn 21 31, eiSb 21 43, i 21 50, FX 23 30, P-azimut: N, d = 850 Kms, H = 08:18:14, V 456 Z, T 0.6, MC 4.7, CGS: Estrecho de la Mona, 18.5 N, 68.3 W, M 4.2, h = 143 Kms.-

10. eiWZP 13 52 (20) C, i!WZ PKP 55 32 C, i!PP 57 32, i!PPP 58 50, eiSKKS 14 04 20, ei!(PS) 07 36, iPPS 09 26, e 12 00, i!SS 15 00, eSSS 16 40, ei!L 25.0 (T 60), i!MR 36.5-41.0 (T 38-22), iL 42.0 (T 20), F 20 20.0, R-azimut: SW-WSW, d = 14 400 Kms, H = 13:36:32, V 236 Z, T 0.7, CGS: Islas Nuevas Hébridas. 13.5 S, 166.6 E, M 6.5, h = 32 Kms.-

10. eiX PKP 15 12 (33.0), FX en el sismo siguiente. CGS: H = 14:54:01.0, V 406 Z, T 1.5, E de China, 35.2 N, 111.3 E, M 4.7, h = 33 Kms, d = 15 350 Kms.-

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10. iXPn 15 12 39.4, iPb 12 41.5, iPg 12 44, ei(Sn) 12 52, i! 13 04.5, FX 13 20, d = 100 Kms, H = 15:12:36, V 276 Z, T 0.6, MC 2.9.-

10. eiXP 19 46 00.0 C, i!PP 47 05, ei 47 07, FX 47 15.0, CGS: H = 19:38:56, Prov. de Catamarca, Argentina, 28.2 S, 66.9 W, M 4.8, h = 175 Kms, d = 4 300 Kms.-

11. eiXPn 02 38 (23.5), eiPb 38 32.5, eiSn 39 16, i! 39 21, eiSb 39 35, eSg 39 47, FX 40 40, P-azimut: WNW-W, d = 510 Kms, H = 02:37:12.0, V 456 Z, T 0.5, MC 4.2, CGS: cerca costa de Venezuela, 10.8 N, 62.2 W, M 4.2, h = 80 Kms.-

11. eiXP 04 14 51.0 C, eiX PP 15 23, iWZ(PPP) 15 40, ei 16 30, eS 18 48, i!(SS) 19 36, eL 21.5 (T 40), eL y R 23.0-30.0 (T 36-16), F 33.0, P-azimut: W-WNW, d = 2 500 Kms, H = 04:10:07, V 256 Z, T 0.5, CGS: El Salvador, 14.0 N, 89.5 W, M 5.0, h = 144 Kms, fue sentido en San Salvador.-

11. eiWZL 08 14.5-18.0 (T 30-24), eL y R 25.0 (T 16), F 34.0, CGS: H = 07:19:30.3, S de las Islas Kermadec, 33.9 S, 179.9 E, M 4.6, h = 33 Kms, d = 13 050 Kms.-

11. eXPn 08 59 (50), ei! 09 03 12.3, F 05 20, V 326 Z, T 0.7.-

11. iX(P) 17 09 28.5 C, FX 10 40, CGS: H = 16:57:27.0, S de Alaska. 61.1 N, 151.0 W, M 5.4, h = 59 Kms, d = 8 850 Kms, V 356 Z, T 1.0.-

12. eWZL 05 33.0-36.0 (T 44-24), eR 42.0 (T 16), F 06 34.0, CGS: H = 04:41:18, Islas Tonga, 21.1 S, 174.7 W, M 4.9, h = 123 Kms.-

12. eXPn 06 22 48.5 (C), iPb 23 09.5, iPg 23 20, ei 23 45, iSn 24 06, eiSb 24 32, eiR y L 25 37, F 26 00, d = 790 Kms, H = 06:20:57.0, V 356 Z, T 0.4, MC 4.6.-

12. eX PKP 09 39 (34.0), FX 41 20, CGS: H = 09:20:38, Mindanao, Islas Filipinas, 8.5 N, 121.4 E, M 5.6, h = 33 Kms, d = 18 100 Kms.-

12. eiXP 13 41 38.0 D, eiXPP 42 13.5, eWZ 43 22, eS 45 30, iPcP 45 44, eSS 46 28, i 47 36, eL 47.7-49.0 (T 36-30), eiR 50.5 (T 20), F 14 18.0, P-azimut (SW), d = 2 400 Kms, H = 13:37:03, V 756 Z, T 0.6, CGS: Perú, 9.7 S, 75.0 W, M 5.4, h = 48 Kms.-

12. eiXPn 13 46 30.5 (C), eX 47 27, ei!XSn 48 05, i! 48 18, i!Sb 48 45, ei 48 50, ei 49 35, FX 56.0, d = 935 Kms, H = 13:44:22.5, V 326 Z, T 1.0.-

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12. eWZL 14 37.0-42.5 (T 60-40), eiMR 45.0-52.2 (T 30-22), eiR 55.5 (T 20), F 15 53, CGS: H = 13:32:24.0, Nepal, 27.6 N, 88.0 E, d = 15 250 Kms, M 6.1, h = 23 Kms.-

12. ei!WZS 20 47 16, eiL y R 53.8-58.0 (T 36-18), F 21 03, CGS: H = 20:31:02, Cresta del Atlántico Norte, 46.7 N, 27.5 W, d = 5 600 Kms.-

12. eiX 22 00 53.6 C, FX 02 50, V 406 Z, T 0.4.-

12. eiXPg 22 31 16.6, iSg 19.5, FX 32 00, P-azimut: NE, d = 24 Kms, H = 22:31:12, V 356 Z, T 0.4, MC 2.7.-

13. eiX(WZ)P 17 06 45.5 C, e 06 54, e(PPP) 10 20, eiPcP 11 40, e!S 14 36, ei!PS 14 44, eiScS 16 22, i(SS) 18 20, ei (SSS) 19 48, eiL 24.0 (T 48), eiMR 25.0-28.0 (T 32-22), L 30.4 (T 16), R-azimut: SW, d = 6 300 Kms, H = 16:57:15.0, V 206 Z, T 0.7, CGS: S del Océano Pacífico, 36.5 S, 98.6 W, M 5.1, h = 33 Kms.-

14. eiX(Pn) 08 22 44.0 C, ei 23 27.5, ei 23 40.5, e! 23 49.0, FX 25 30, V 306 Z, T 0.4.-

14. e!XWZP 08 30 05.0 C, i!WZP 30 07.2 D, iXPP 30 34.0, eiXPPP 30 50, i!S 34 00, iX 34 48, iSS 35 15, iL 36.0 (T 36), iMR 38.0-45.0 (T 20-16), F 13 20, P-azimut: N 134 W, d = 2 500 Kms, H = 08:25:21, V 155 Z, T 1.0, CGS: cerca costa N del Perú. 5.5 S, 81.3 W, M 5.3, h = 32 Kms.-

14. iPKP 08 48 11.8 D, ei 48 16, ei 48 22, FX 51 00, V 135 Z, T 0.8, CGS: H = 08:28:45.3, reg. Nueva Bretaña, 6.2 S, 149.9 E, d = 16 250 Kms.-

14. iPn 12 20 40.5 C, iPb 20 57, ei! 21 17.5, ei 21 37, eiSn 21 46, i!Sn 21 50, eiSb 22 17, ei 23 20, FX 28 00, P-azimut: SW, d = 785 Kms, H = 12:19:02.0, V 386 Z, T 0.7, CGS: N de Colombia, 6.8 N, 72.9 W, M 4.9, h = 166 Kms.-

14. eiX(Pn) 20 04 (21), i!X 04 39.5, i 05 22, FX 06 20, V 536 Z, T 0.5.-

14. eiXPn 22 06 53.7 C, ei 07 10, i! 07 23, iPb 07 41, ei(Sn) 08 35, i!Sn 08 46, i! 09 09, eiSS 09 27, eiL 09.9 (T 36), eiL 11.0 (T 16), F 20.0, d = 1 050 Kms, H = 22:04:23.7, V 536 Z, T 0.5, MC 5.0, CGS: Colombia, 5.3 N, 76.3 W, M 5.0, h = 117 Kms, se sintió en Armero, Manizales y Pereira.-

14. eiL 24 06.8-12.0 (T 40-20), eiR 13.0 (T 18), F 30.0, CGS: H = 23:54:00, cerca costa de Chiapas, Méjico, 14.4 N, 92.9 W, M 4.8, h = 33 Kms, d = 3 300 Kms.-

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15. eX(Pn) 11 58 (35), iX 59 32.5, iX 59 41, FX 12 01 50, V 256 Z, T 0.5.-

15. eiX 16 49 42.4 D, FX 50.0, V 276 Z, T 0.7.-

15. eiX PKP 18 53 42.8 D, eiR 19 50.0-54.0 (T 40-28), eL 20 04.0 (T 18), F 30.0, V 366 Z, T 0.8, CGS: H = 18:34:07.6, Taiwan, 23.6 N, 121.7 E, M 5.6, h = 33 Kms, d = 16 300 Km.-

15. iXPg 18 57 12.3 C, eiSg 57 15.0, FX 57 45, P-azimut: S 38 E, d = 22 Kms, H = 18:57:08, V 556 Z, T 0.4, MC 2.9.-

15. eiWZR 21 39.0-44.0 (T 40-20), eL 50.0 (T 16), F 54.0, prob. CGS: H = 20:44:27, reg. Islas Samoa, 16.5 S, 176.6 W, M 4.8, h = 33 Kms, d = 12 300 Kms.-

15. iXPg 22 01 13.0 C, i!Sg 01 16.0, FX 02 00, reg. Caracas, no se sintió. P-azimut N 111 W, d = 24 Kms, H = 22:01:08, V 806 Z, T 0.4, MC 3.0.-

15. eWZPKP 23 36 (30.0 D), e!PP 38 45, eiSKP 39 40, ei!SKS 42 24, e(SKS)43 15, eSKKS 45 18, iS 46 36, eiPS 48 40, ePPS 50 22, eiSS 56 36, ei!SSS 24 00 48, eiL 17.5 (T 36), eiL 20.0 (T 26), eiR 22.0 (T 22), ei 29.0-32.0 (T 18), eiMR 34.7-38.2 (T 16), F 25 53, d = 14 400 Kms, H = 23: 17:30, CGS: Islas Nuevas Hébridas, 13.3 S, 166.3 E, M 5.5, h = 8 Kms.-

16. eiXP 11 44 05.7 C, eiPcP 44 35, eiPP 46 50, ePPP 48 40, i!S 53 26, eiPS 54 00, e(ScS) 54 20, e! 56 22, i!SS 58 40, iL 12 02.5 (T 60), iL 04.0-09.0 (T 58-28), iMR 13.0-14.0 (T 24-22), eiR y L 20.0 (T 18), F 13 08.0, P-azimut: NW, d = 8 000 Kms, H = 11:32:53.7, V 156 Z, T 0.8, CGS: reg. S de las Islas Sandwich, 56.6 S, 27.4 W, M 6.1, h = 101 Kms.-

16. eWZXSS 17 07 (26.0), eiWZ 08 20, eiWZL 09.0 (T 30), eiWZL 10 36.0 (T 16), F 13.5, V 166 Z, T 0.5, CGS: H = 16:59:28.5, Ecuador, 2.5 S, 78.2 W, M 4.5, h = 33 Kms, d = 2 000 Kms.-

16. iXPg 21 40 14.5 C, iSg 40 17.5, FX 40 50, P-azimut N 114 E, d = 24 Kms, H = 21:40:10.5, V 275 Z, T 0.3, MC 3.4.-

17. eX 02 09 (13.9), iX 09 25.2, FX 09 40.-

17. eiXP 02 25 36.0 D, iXPcP 26 02, ePP 28 40, eiSKS 35 18, iS 35 40, e(SS) 40 26, e 46 00, eL 49.0 (T 60), eiL 55.5-60.0 (T 36-24), eiR 03 00.0-02.0 (T 20), eL 04.0 (T 16), F 16.0, R-azimut: NW, d = 8 900 Kms, H = 02:13:30, V 286 Z, T 1.0, CGS: reg. Islas Kodiak, 58.3 N, 151.8 W, M 5.3, h = 35 Kms.-

17. eWZPKP 11 02 (14.0), eiPPP 06 56, i!(SKS) 08 16, eiS 11 16, eiPKKP 12 12, ePS 14 00, eiPPS 15 00, ei!SS 19 40, ei 21 44, e 26 34, eL 28.7-32.5 (T 60-36), eL 34.0 (T 28), F 40.0, CGS: H = 10:43:17.5, 24.5 S, 178.4 E, S de las Islas Fiji, d = 13 400 Kms.-

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17. eiWZR 19 42.0-44.3 (T 36-24), eL 50.0 (T 18), F 20 00.0, CGS: H = 19:22:42, Cordillera N de las Islas Pascuas, 0.1 S, 103.7 W, d = 4 300 Kms.-

17. ei!WZ 21 09 36.0 C, eL 17.0 (T 40), eiR 19.0-22.0 (T 36-24), iMR 22.0-25.0 (T 20-16), F en el sismo siguiente.-

17. ei!XPKP 21 17 25.0, iX(PKP2) 18 21.0, iXWZ SKKS 29 14, iPSKS 33 16, eiSS 43 52, eiSSS 49 00, eL 57.0 (T 56), eL 22 15.0 (T 40), eL 31.8 (T 20), d = 19 600 Kms, H = 20:57:15, V 456 Z, T 1.0, CGS: Java, 6.8 S, 109.1 E, M 6.5, h = 242 Kms.-

17. iXPn 22 51 50 D, eiSn 52 14, FX 53 50, P-azimut: SW, d = 215 Kms, H = 22:51:20, V 125 Z, T 0.3, MC 3.9.-

18. eiXP 00 11 50.5 C, iWZS 18 50, ei 19 00, iSS 22 20, iL 26.0-30.0 (T 32-28), iR 31.6 (T 24), iML 32.0-34.0 (T 20-18), F 02 00.0, R-azimut NE, d = 5 400 Kms, H = 00:03:18, V 576 Z, T 0.7, CGS: Chile Central, 37.7 S, 72.9 W, M 5.3, h = 52 Kms, fue sentído en Concepción.-

18. iXPn 05 50 55.0 C, ei 51 06, ei(Pg) 51 32, ei(Sn) 52 14, FX 59 00, CGS: H = 05:49:13.2, N de Colombia, 7.2 N, 73.2 W, M 4.0, h = 108 Kms, d = 775 Kms, V 246 Z, T 0.7.-

18. eX(Sn) 09 35 36.0, FX 36 00.-

19. eiWZ SS 15 34.0 30.0, i(ScS) 35 40, i 37 24, eL 38.7 (T 40), eiL 42.5 (T 20), F 16 00, CGS: H = 15:18:41.6, Prov. Catamarca, Argentina, 28.1 S, 66.8 W, M 5.2, h = 146 Kms, d = 4 300 Kms.-

19. eiXPg 23 00 17.2 C, iSg 00 20.2, FX 00 50.0, P-azimut: (NW) d = 24 Kms, H = 23:00:12.5, V 326 Z, T 0.5, MC 2.7.-

20. eiX (Pn) 21 18 18.6 D, ei (Pb) 18 21.3, eiSn 18 34, iSb 18 36, FX 19 00.0, P-azimut: SW, d = 150 Kms, H = 21:18:05, V 236 Z, T 0.7, MC 3.0.-

21. eWZS 06 38 50, ePKKP 39 24, eiPS 41 20, e(SSS) 50 44, eWZL 58.0-61.0 (T 60-40), iMR 07 04.7-08.0 (T 34-26), eiL 10.6-14.0 (T 22-20), eiR o L 19.0 (T 20), eiL 31.0 (T 16), R-azimut: SW, CGS: H = 06:09:58, S de las Islas Kermadec, 34.2 S, 179.8 E, M 5.9, h = 33 Kms.-

21. iXP 20 48 12.6 D, FX 50 00, V 806 Z, T 0.7, CGS: H = 20:43:55.0, Nicaragua, 12.3 N, 86.7 W, M 4.4, h = 138 Kms, d = 2 200 Kms.-

22. eiX(Pg) 02 44 34.1 (C), iX 45 15, FX 46 50, V 456 Z, T 0.4.-

22. iXPg 18 33 43.5 C, i!Sg 33 46.5, FX 34 15.0, P-azimut: SE, d = 24 Kms, H = 18:33:39.0, V 445 Z, T 0.3, MC 3.6.-

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Continuación del mes de Enero de 1965.

23. eiX 13 38 (16.0), iX(Sn) 38 53, FX 40 00, V 226 Z, T 0.6.-

23. eX 13 46 (32.7), iX(Sn) 47 12, FX 47 30, V 196 Z, T 0.5.-

23. e(R) 14 59 (27.0), eiWZL 02.0 (T 12), F 12.0, CGS: d = 2 200 Kms, H = 14:48:28.0, Perú, 8.3 S, 75.1 W.-

23. e!XP 20 11 16.0 D, iXPP 11 30.0, e!WZS 14 20, i 14 24, eL 15.6 (T 40), eiR 18.0-19.0 (T 20), F 26.0, P-azimut: (SW), d = 1 900 Kms, H = 20:07:36, V 346 Z, T 0.7, CGS: Costa Rica, 8.8 N, 83.1 W, M 4.5, h = 23 Kms.-

23. eiXPg 21 41 22, iSg 41 25, FX 42 10, d = 24 Kms, H = 21:41:17.4, V 306 Z, T 0.4.-

24. eiWZPKP1 00 31 19 C, iXZPKP2 32 29, iGZSKP 34 48, iGZPP 36 00, iXPP 36 07, eiSKS 38 30, iGZPPP 40 16, iGZPSKS 46 26, iPSKS 46 46, iZPPS 50 00, eiSS 56 50, eiSSS 01 01 06, MR 30 40 (T 32), MR 38.6 (T 20), MR 47.8 (T 20), F 04 30.0, P-azimut N 37º W, d = 18 500 Kms, H = 00:11:06, V 635 Z, T 2.0, CGS: Mar Ceram, 2.4 S, 126.0 E, M 6.6, h = 6 Kms, se sintió en Davao, Islas Filipinas y en Almaera.-

24. i!XPn 01 21 13.0 D, iPb 21 30.5, iPg 21 45, iSn 22 28, i 22 47, eiSb 22 57, FX 32.0, P-azimut: SW, d = 740 Kms, H = 01:19:28.0, V 206 Z, T 1.1, MC 5.2, CGS: N de Colombia, 6.8 N, 73.1 W, M 5.4, h = 169 Kms, se sintió en Bogotá, Bucaramanga y Sogamoso.-

24. eiWZ 21 57 24, eiL 59.0 (T 50), eL 22 06.0 (T 32), eiR 09.0-13.5 (T 20-16), F 42.0.-

25. eX(P) 04 54 30.5, eiX 55 09, FX 56 00, V 156 Z, T 0.6.-

25. iX(Sn) 07 28 04.5, FX 30 00, prob. en la región Quíbor y alrededores (MCS 3-4).-

25. iXPn 18 27 31.4 D, iPb 27 38.0, ei!Pg 27 44.0, eSn 28 03.0, iSn 28 04.5, iSb 28 11.5, iSg 28 21.0, FX 29 40, P-azimut: N 105 W, d = 295 Kms, H = 18:26:50, V 706 Z, T 0.5, MC 3.9. Foco 69.5 W, 9.8 N; sentido con 4-5 MCS en Barquisimeto, Quíbor, Duaca, Cabudare, Los Rastrojos, Sta. Rosa y otros pueblos.-

25. iX 22 47 14.0 D, iWZSSS 47 22, eL 51.0 (T 20), F 57.0, V 226 Z, T 1.4, CGS: H = 22:36:54; Perú, 11.4 S, 75.2 W, M 4.2, h = 115 Kms, d = 2 600 Kms.-

26. eiXP 14 21 51.8, iWZ(PP) 21 54.0, eiS 25 16, eiSS 25 36, eiL 27.0-30.0 (T 32-18), eiMR 29.6-32.4 (T 16-12), F 46.0, P-azimut: SW, d = 2 100 Kms, H = 14:18:00, V 256 Z, T 0.9, CGS: cerca de la costa E del Ecuador. 0.2 S, 80.8 W, M 4.7, h = 33 Kms.-

Continúa

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Continuación del mes de Enero de 1965.

27. eXPS 02 13 (28.0), eWZPS 13 32, ePPS 14 34, eiSS 20.0 (T 16), F 31.0, CGS: d = 12 600 Kms, H = 01:44:36, N del Océano Pacífico, 18.9 N, 176.6 E, M 4.4, h = 33 Kms.-

27. eXPg 16 57 40.0 C, iX 57 41.8, iSg 57 43, iL 57 44.5, FX 58 20, P-azimut:(SE), d = 24 Kms, H = 16:57:35.4, V 386 Z, T 0.5.-

27. i!XPg 17 57 58.8 C, i!Sg 58 02.0, iL 58 04.8, FX 58 45.0, P-azimut: SW, d = 17 Kms, H = 17:57:05.4, V 205 Z, T 0.4, MC 3.3.-

28. eXPn 02 33 32, ei! 33 47, e 34 09, ei 34 39, ei(Sn) 34 49, ei(Sb) 35 20.5, FX 38 00, d = 675 Kms, H = 02:33:57, V 326 Z, T 0.5.-

28. eiX(PP) 04 09 36.6 C, eiWZMR 04 18.0-21.3 (T 30-22), F 34.0, V 236 Z, T 1.3, CGS: H = 04:03:39.5, cerca costa de Chiapas, Méjico, 15.3 N, 93.9 W, d = 3 000 Kms.-

28. eXP 05 40 31.0, eWZL 50.0-53.0 (T 16-10), F 06 06.0, V 206 Z, T 0.8, CGS: H = 05:35:00, frente costa del del Perú, 12.9 S, 78.5 W, d = 2 900 Kms.-

28. eXP 16 23 05.2 C, ei!S 29 10, eSS 31 50, eSSS 32 30, iScS 32 54, i!L 35.5 (T 30), i!MR 37.0 (T 24), iL 40.0 (T 20), eiR y L 42.0 (T 18), F 17 22.0, R-azimut: SW, d = 4 500 Kms, H = 16:15:29, V 186 Z, T 0.8, CGS: Cordillera N de las Islas Pascuas. 4.0 S, 104.2 W, M 5.0, h = 33 Kms.-

28. eiXPn 16 31 12.6, iX(Pb) 31 14.2, eiSn 31 30.5, eSg 38.0, FX 39 50, d = 150 Kms, H = 16:30:52.6, V 236 Z, T 0.7, MC 3.1.-

29. e!XP 00 19 10.5 C, eWZPcP 21 00, eiPcS 24 30, eS 25 30, eL 31.5-38.0 (T 48-24), eiR 39.5 (T 20), F 01 00, d = 4 650 Kms, H = 00:11:25.5, V 226 Z, T 1.0, CGS: Golfo de California, 23.9 N, 108.7 W, M 5.4, h = 33 Kms.-

29. eiXP 02 29 43.0 C, ePPP 32 20, eS 36 16, e(SS) 39 20, eiL y R 42.0-48.0 (T 40-20), eiR 50.0 (T 18), F 03 12.0, P-azimut: NW, d = 4 650 Kms, H = 02:21:58, V 256 Z, T 1.0, CGS: Golfo de California, 24.2 N, 108.6 W, M 5.4, h = 33 Kms.-

29. eWZPPP 09 57 (00), ei!SS 09 50, ei!L 12.0 (T 60), eL 28.0 (T 30), eiR 32.0-37.0 (T 24-20), eiR 39.0 (T 18), F 52.0, CGS: H = 09:35:25.7, cerca costa E de Kamchatka, 54.8 N, 161.7 E, M 5.8, h = 33 Kms, d = 12 250 Kms.-

29. eWZL 18 23.0-33.5 (T 26-16), F 50.0.-

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Continuación del mes de Enero de 1965.

30. eX 02 49 39.0, iX 49 54.2, F 50 50, V 176 Z, T 1.0.-

30. eWZ 04 53 (00), eL 05 27.0 (T 30), F 33.0, CGS: d = 10 750 Kms, H = 04:37:15.1, Islas Andrean, Aleutianas, 51.6 N, 179.8 W.-

30. eX 22 58 (20.0), ei 59 40.0, FX 23 01 00, V 176 Z, T 1.0.-

31. iXWZP 13 03 46.7 C, iS 08 44, ei(PcS) 09 48, iSS 10 30, iSSS 10 40, eiL 12.0 (T 60), eiL 14.5 (T 30), eiR y L 15.0-18.0 (T 26-18), F 40.0, P-azimut: S-SW, d = 3 500 Kms, H = 12:57:35, V 146 Z, T 0.9, CGS: reg. frontera Chile-Bolivia, 21.2 S, 67.8 W, M 5.6, h = 71 Kms.-

31. eWZPP 23 54 (08), eSKKS 24 01 00, eiL 19.0-23.0 (T 52-40), iMR 28.0-31.0 (T 28-22), eiR y L 37.0 (T 20), F 01 10.0, CGS: H = 23:36:13.4, Islas Ratas, Aleutianas, 51.2 N, 178.6 E, M 5.2, h = 33 Kms, d = 11 000 Kms.-

G. Fiedler

E. de Gyomrey

G.N.

International Seismological Centre From the ISC collection scanned by SISMOS

VENEZUELA 1965

COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

Febrero 1.965

1. eWZPP 05 47 (44), ei(SKS) 52 50, ei!SKKS 54 40, i 56 14, iPS 57 48, eSS 06 04.0, F 16.0, CGS: H = 05:27:04.5, reg. Islas Fiji, 18.6 S, 178.1 W, M 5.6, h = 472 Kms, d = 12 700 Kms.-

1. iXPKP 19 46 44.5, FX 47 50, V 646 Z, T 1.0, CGS: H = 19:27:12, reg. E de Nueva Guinea, 5.8 S, 147.4 E, M 5.0, h = 80 Kms, d = 16 600 Kms.-

1. iX 22 19 13.0, FX 19 20, V 476 Z, T 0.6.-

1. eXPKP 24 08 (34.1), FX 09 50, V 256 Z, T 0.5, CGS: H = 23:50:19.4, Islas Salomón, 10.3 S, 161.6 E, h = 64 Kms, d = 14 900 Kms.-

2. eiX PKP 03 08 07.4 C, V 246 Z, T 1.2, CGS: reg. E de Nueva Guinea, 5.5 S, 147.0 E, M 5.1, h = 217 Kms.-

2. eWL 03 51.0-56.0 (T 24-20), eWR 04 01.0 (T 20), F 10.0, CGS: H = 03:37:13.9, Guatemala, 14.0 N, 91.0 W, M 4.9, h = 33 Kms, d = 2 700 Kms.-

2. iXP 04 36 08.4 C, eiX(PP) 36 46, eiPPP 37 34, iS 41 30, eiL y R 42.9-46.0 (T 60-28), eR 47.0 (T 20), F 54.0, d = 3 400 Kms, H = 04:30:00.0, V 276 Z, T 0.6, CGS: Chiapas, Méjico, 17.2 N, 94.5 W, M 5.3, h = 140 Kms.-

2. eiX(WZ) PKP1 08 18 (15.1) C, iWZ PKP2 18 30, eL 09 08.9 (T 34), eL 13.0-18.0 (T 30-20), eiR 20.4-22.2 (T 20), F 10 03.0, V 226 Z, T 0.8, CGS: H = 07:58:15.6, W de Nueva Guinea, 2.1 S, 138.9 E, M 6.1, h = 12 Kms, d = 17 450 Kms.-

2. eiX 15 28 09.3 C, iX 28 47.5, FX 50.0.-

2. eiXPn 16 14 28.4 C, eSn 14 43, iSn 14 44.3, FX 15 50, d = 150 Kms, H = 16:14:08.4, V 286 Z, T 0.5.-

2. eiWZSSS 16 38 48, ei 39 36, eiL 47.5-51.0 (T 60-40), eiL 54.5-58.0 (T 36-30), iMR 17 01.0-03.2 (T 24-22), eiR 06.0 (T 22), eL 08.0-10.0 (T 20), F 18 10.0, CGS: H = 15:56:51.0, Tadzhik, URSS. 37.5 N, 73.4 E, M 5.8, h = 33 Kms, d = 13 500 Kms.-

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Continuación del mes de Febrero de 1965.

2. eiXPg 17 56 40.3 D, iSg 56 43.5, FX 57 10, d = 28 Kms, H = 17:56:35, V 456 Z, T 0.4.-

2. eiXPg 19 58 36.9 D, iSg 58 37.5, FX 59 00, d = 5 Kms, H = 19:58:35.6, V 506 Z, T 0.4.-

2. iXPg 20 11 50.5, iSg 11 51, FX 12 00, d = 4 Kms, H = 20:11:49.3, V 165 Z, T 0.2.-

3. eiX 14 07 (13.0), i 07 20, i 07 38, FX 08 00.-

3. eiWZP 18 34 16, eiL 41.5-48.0 (T 30-18), eiR 50.0 (T 16), F 19 15.0, CGS: H = 18:28:51.7, frente costa de Chiapas, Méjico, 13.9 N, 92.0 W, M 4.7, h = 56 Kms, d = 2 900 Kms.-

4. eiWZ 00 23 18.0, eiL 33.3-36.0 (T 40-26), eiMR 39.8-43.0 (T 26-22), F 01 10.0.-

4. eWZL y R 01 24.0-34.0 (T 36-18), F 57.0, CGS: H = 00:56:23, cerca costa S de Chile, 45.5 S, 73.8 W, M 5.1, h = 33 Kms, d = 6 400 Kms.-

4. eWZPP 03 46 (42.0), ei!SKP 47 46, eSKS 51 00, eiSKKS 53 36, eiPS 57 26, e!PPS 58 56, eiSS 04 04 34, iSS 05 06, eiSSS 08 14, iSSS 09 40, eL 22.0 (T 40), eiR 26.0 (T 40), iML 28.5-32.0 (T 40-24), ei!L 45.0-49.0 (T 22-20), F en el sismo siguiente. d = 15 200 Kms, H = 03:24:(42), CGS: H = 03:25:00.8, S de Australia, 51.8 S, 139.7 E, M 5.9, h = 33 Kms.-

4. e(XP) (05 14 47.5), iP 15 17, iPPP 19 16, iPPP 21 30, iSKS 25 36, iS 26 40, eiPS 28 14, eiPPS 29 28, i(PKKP) 30 14, eiSS 33 56, iL 54.0-57.5 (T 32-22), iL 06 01.0-04.0 (T 22-18), iMR 07.5-11.0 (T 18), F en el sismo siguiente. P-azimut: NNW, d = 11 200 Kms, H = 05:01:29, V 396 Z, T 1.2, CGS: Islas Ratas, Aleutianas, 51.3 N, 178.6 E, M 7.5, h = 40 Kms, daños menores y Tsunami.-

4. iXP 08 54 07.1 C, i!XP 54 25.3 D D, iXPP 58 22, eiPPP 09 00 55, iXSKS 04 28, i!SKS 04 41, ei! 06 47, eiPPS 08 28, eiSS 13 10, MR 34.5 (T 24), MR 37.0 (T 20), MR 39.0 (T 20), F 11 20.0, R-azimut: NW-NNW, d = 11 200 Kms, H = 08:40:40.3, V 906 Z, T 1.0, CGS: Islas Ratas, Aleutianas, 51.3 N, 179.5 E, M 6.4, h = 40 Kms.-

4. eX(P) 12 19 39.3, FX 20 30, CGS: H = 12:06:04.3, Islas Ratas, Aleutianas, 52.6 N, 172.1 E, M 5.8, h = 25 Kms, d = 11 300 Kms.-

4. eXPn 13 33 (22.5), ei 33 30, iSn 34 23, i 34 41, FX 37 00, d = 590 Kms, H = 13:32:00, V 256 Z, T 0.5.-

4. ei(Sn) 14 51 22, i 51 40, ei 46.0, FX 53.0.-

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Continuación del mes de Febrero de 1965.

4. eiXP 19 01 23.2 C, ei! 01 36.9, FX 02 20.0, prob. CGS: 18:56:27.7, V 426 Z, T 1.2, Cresta del Atlántico Norte, 13.5 N, 44.8 W, M 5.5, h = 33 Kms, d = 2 400 Kms.-

4. iWZP 19 48 56.0 C, iXP 48 57.2 D, iWZPPP 49 37.5, iX 51 08, i!S 52 24, iSS 53 23, iL 54.0 (T 36), iML 55.9 (T 28), eiL 57.5 (T 24), iMR 59.0-61.0 (T 18), F 21 57.0, P-azimut: NE-ENE, d = 2 300 Kms, H = 19:44:32, V 145 Z, T 1.4, CGS: Cresta del Atlántico Norte, 13.3 N, 44.8 W, M 5.4, h = 33 Kms, CGS: 19:44:05.6.-

5. eiWZL 01 19.5-26.0 (T 50-30), eiR 24.0-28.3 (T 32-22), F 02 14.0, CGS: H = 00:31:35.5, Islas Ratas, Aleutianas, 52.0 N, 176.6 E, M 4.9, h = 4 Kms, d = 11 100 Kms.-

5. eWZL 03 21.0-26.0 (T 20), eiR 29.0-31.0 (T 20-16), F 04 26.0, CGS: H = 02:28:29.2, Islas Ratas, Aleutianas, 52.0 N, 173.1 E, M 4.5, h = 30 Kms, d = 11 200 Kms.-

5. eiWZPP 06 57 (36.0), eSKS 07 02 50, iPS 04 06, iPPS 06 16, ei(PKKP) 07 44, eiL 20.0-27.0 (T 50-40), iMR 32.5-38.0 (T 26-18), L 41.0-45.0 (T 18-16), F en las ondas superficiales siguientes. CGS: H = 06:39:49.6, Islas Ratas, Aleutianas, 51.8 N, 175.1 E, M 5.7, h = 25 Kms, d = 11 100 Kms.-

5. eXP 09 45 43.5 D, iWZ 45 56, e 48 30, iPP 49 52, e(PPP) 52 56, eiSKS 56 20, iSKKS 57 00, eiZ(PS) 58 40, ei!PPS 10 00 20, i!SS 05 00, eiSSS 09 20, iL 13.5-19.0 (T 72-40), eiR 19.5-22.0 (T 56-40), iR 22.0-30.0 (T 36-24), iMR 32.0-35.0 (T 18), F 12 35.0, P-azimut: NW, d = 11 500 Kms, H = 09:31:43.5, V 306 Z, T 1.0, CGS: Islas Ratas, Aleutianas, 52.3 N, 174.3 E, M 5.9, h = 41 Kms.-

5. eiWZP 13 52 08, eSKKS 02 52, eiSS 10 42, eSSS 15 40, eL 26.5 (T 40), eL 31.0 (T 28), e(R) 39.0 (T 20), F 16 00.0, CGS: H = 13:38:46.7, Islas Ratas, Aleutianas, 52.0 N, 174.0 E, M 5.5, h = 35 Kms, d = 11 100 Kms.-

5. eiL 19 13.0 (T 20), eiR 20.0-22.5 (T 20-18), F en las ondas superficiales siguientes. CGS: H = 18:24:02.8, Islas Ratas, Aleutianas, 51.6 N, 174.0 E, d = 11 150 Kms.-

5. eL 19 28.0-34.0 (T 60-30), eiR 52.0-62.0 (T 24-20), F 20 30.0.-

5. eWZ 20 55 40, eiPPP 58 20, ei 21 00 50, eiSKS 02 52, ePS 04 56, eiSS 11 30, eiSSS 14 56, eiL 29.0-34.0 (T 40-36), eiR 34.5-37.0 (T 36-30), eiR 40.0 (T 26), eiMR y L 42.7-48.0 (T 20), iR 51.0 (T 16), F en las ondas superficiales siguientes. CGS: H = 20:39:09.4, Islas Ratas, Aleutianas, 51.2 N, 176.6 E, h = 49 Kms, M 4.9.-

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Continuación del mes de Febrero de 1965.

5. eiWZL 23 04.8-08.0 (T 36-26), ei!MR 09.6-13.0 (T 26-24), eiR 20.0-22.0 (T 18.0), F 24 00.0, CGS: H = 22:15:59.5, Islas Ratas, Aleutianas, 51.5 N, 176.7 E, M 5.6, h = 25 Kms, d = 11 000 Kms.-

6. i!WZXP 01 53 04.0 D, iXPcP 53 16, e!XPP 56 20, iPPP 58 20, iS 02 03 28, iSS 09 28, iSSS 13 50, iL 15.0 (T 80), iML 18.0-24.0 (T 50-26), iMR 27.0-31.0 (T 24-18), F en el sismo siguiente. P-azimut: N 43 W, d = 9 250 Kms, H = 01:40:44.0, V 705 Z, T 1.4, CGS: S de Alaska, 53.2 N, 161.9 W, M 6.4, h = 33 Kms.-

6. eiXP 04 16 30.2 C, eiPPP 22 40, ei!S 27 54.0, ei!PS 29 16, ePKKP 32 40, iSS 34 40, i!(SSS) 40 00, eiL 43.0 (T 80), iML 46.0-50.0 (T 56-46), eiR 50.0-52.0 (T 48-46), iMR 56.0-60.0 (T 30-22), iR 05 01.0-03.0 (T 22-20), F 07 00.0, R-azimut: NW, d = 11 100 Kms, H = 04:02:50.2, V 336 Z, T 1.2, CGS: Islas Ratas, Aleutianas, 52.1 N, 175.7 E, M 5.9, h = 35 Kms.-

6. eWZL 07 04.7-10.0 (T 44-36), eR 12.6-16.0 (T 30-26), eiMR 23.8-25.5 (T 20-18), F 08 40.0, prob. CGS: H = 06: 23:39.0, Islas Ratas, Aleutianas, 52.0 N, 173.2 E, M 5.3, h = 30 Kms.-

6. eWZP 08 59 (34.0), e(PP) 09 04 08, i(PPP) 06 20, eSKS 10 10, eiSKKS 11 10, ePS 13 32, eiPPS 14 36, eiPKKP 14 56, eiSS 19 16, ei 26 30, eL 28.0-34.0 (T 54-40), eR 36.0-40.0 (T 30-24), eiR 44.0 (T 22), eL y R 49.0-50.0 (T 20), F 10 25.0, R-azimut: NW-NNW, d = 10 800 Kms, H = 08:46: (14.0), CGS: Islas Ratas, Aleutianas, 51.9 N, 174.0 E, M 6.0, h = 30 Kms.-

6. eWZL 12 54 28.0, eL 13 07.8-14.0 (T 48-30), eiMR 15.6-19.3 (T 28-22), eR y L 24.0 (T 18), F 52.0, CGS: H = 12:06:04.3, Islas Ratas, Aleutianas, 52.6 N, 172.1 E, M 5.8, h M 5.8, h = 25 Kms, d = 11 300 Kms.-

6. eWZL 14 54.0-61.0 (T 50-32), eiR 15 05.0-13.3 (T 22-18), eiR 15.0 (T 16), F 44.0, CGS: H = 14:11:10.1, Islas Ratas, Aleutianas, 51.7 N, 174.2 E, M 5.1, h = 38 Kms, d = 11 100 Kms.-

6. i!WZXP 17 02 58.4 D, iPP 06 16, ePPP 08 20, i!S 13 24, eiSKS 14 00, e!PS 14 16, eiPPS 15 00, i!SS 19 00, i!(SSS) 23 40, iL 26.0 (T 60), iL y R 32.0-35.0 (T 40-30), iMR 37.3-46.0 (T 26-16), F 20 50.0, P-azimut: NW-NNW, d = 9 500 Kms, H = 16:50:28, V 395 Z, T 1.0, Ms 6.0, CGS: S de Alaska, 53.3 N, 161.8 W, M 6.1, h = 33 Kms.-

6. iXPg 18 12 55.9 C, i!Sg 12 57.6, FX 13 30, P-azimut: SW-WSW, d = 14 Kms, H = 18:12:53.6, V 326 Z, T 0.7.-

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6. eiXPg 21 41 04.4 C, i!Sg 41 06.9, FX 41 55.0, d = 20 Kms, H = 21:41:00.4, V 776 Z, T 0.3.-

6. eiWZL 24 15.0-19.0 (T 30-24), eiR 20.0-22.0 (T 20), F 57.0, CGS: H = 23:23:40.4, Islas Ratas, Aleutianas, 51.5 N, 176.5 E, M 4.9, h = 33 Kms.-

7. eiWZXP 02 30 50.0 C, WZP 30 50.5 D, ei!PP 34 52, iSKKS 41 40, eiS 42 26, ei!PS 43 48, ei!PPS 44 36, i(SS) 49 30, ei(SSS) 54 00, eiL 03 00.0-05.0 (T 60-40), iML 05.0-10.5 (T 50-26), iMR 13.8-17.0 (T 28-24), eiR 19.0-22.0 (T 20-16), F 04 00.0, R-azimut: (NW), d = 11 100 Kms, H = 02: 17:10, V 276 Z, T 0.8, CGS: Islas Ratas, Aleutianas, 51.4 N, 173.4 E, M 6.0, h = 40 Kms.-

7. eiWZL 04 52.5-61.0 (T 60-30), eiMR 05 04.0-08.0 (T 26-24), eiR 10.0 (T 22), eiR 14.0 (T 20), F 06 00.0, CGS: H = 04:11:19.3, S de Alaska, 51.4 N, 173.4 E, M 5.3, h = 40 Kms.-

7. eWZXP 09 39 20.1 C, eiPP 43 00, i!S 50 50, ei!PS 52 24, ePPS 53 26, eiSS 57 30, eiSSS 10 01 30, eiL 06.0-12.0 (T 50-40), iMR 16.0-24.0 (T 34-24), eiL 29.3-31.0 (T 20-18), F 11 30.0, R-azimut: NW-NNW, d = 11 000 Kms, H = 09:25:44.1, V 236 Z, T 0.7, CGS: Islas Ratas, Aleutianas, 51.4 N, 179.1 E, M 5.3, h = 30 Kms.-

7. eWZL 12 12.0-19.0 (T 30-28), eiR 22.0-27.0 (T 24-20), F 13 00.0, H = 11:23:14.8, Islas Ratas, Aleutianas, 52.2 N, 172.4 E, M 5.3, h = 35 Kms, d = 11 250 Kms.-

7. eWZL 20 11.5-19.5 (T 60-36), eiR 26.0-31.5 (T 22-20), F 54.0, CGS: H ; 19:29:23.9, reg. Islas del Comendador, 55.2 N, 165.2 E, M 5.2, h = 20 Kms, d = 11 500 Kms.-

8. iX 05 16 45.7 C, FX 17 00, V 706 Z, T 0.4.-

8. eiX(PP) 15 59 (27.2), V 286 Z, T 0.5, CGS: H = 15:41:19.7, Islas Ratas, Aleutianas, 52.5 N, 172.0 E, M 5.1, h = 25 Kms.-

8. eiWZP 16 00 40, iPP 04 44, e 06 00, eSKS 11 20, iSKKS 12 16, iS 12 41, e 13 40, i!PS 14 00, iPPS 15 16, ei 19 05, ei!(SS) 20 00, e 22 30, ei 23 00, eSSS 25 00, eL 29.0-30.0 (T 72), i!L 34.0 (T 46), eiL 35.0-43.0 (T 40-30), iMR 43.3-49.2 (T 26-20), eiR 53.0 (T 18), F 18 52.0, d = 11 500 Kms, H = 15:46:40, CGS: reg. Islas del Comendador, 55.1 N, 165.7 E, M 5.6, h = 40 Kms.-

9. eWZP 17 50 44, eiPS 18 04 00, ePPS 04 50, e(PKKP) 07 30, eL 21.0-24.0 (T 60-50), iMR 30.0-36.5 (T 28-22), eiR 41.0 (T 20), F 19 30.0, CGS: H = 17:37:24.6, reg. Islas del Comendador, 55.2 N, 165.3 E, M 5.8, h = 30 Kms, d = 11 400 Kms.-

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9. iXPg 21 39 19.5 C, i!Sg 22.5, FX 40 00, P-azimut N 155 W, d = 24 Kms, H = 21:39:15.0, V 115 Z, T 0.4, MC 3.2.-

10. iXPn 11 19 01.5 D, eiPb 19 28.5, ePg 19 41.5, i! 20 01.7, iSn 20 48.2, ei(Sb) 21 18, FX 24.0, P-azimut, d = 950 Kms, H = 11:17:03.5, V 286 Z, T 0.6, MC 4.7.-

10. iXPg 13 58 12.7 C, iSg 58 16.0, FX 59 00.0, P-azimut: S 45 E, d = 26 Kms, H = 13:58:08.0, V 135 Z, T 0.4, MC 3.2.-

11. eXPKP 02 52 (34.0), eiWZPP 53 44.0, iSKKS 59 16, ei!(S) 03 01 50, ePS y PKKP 03 26, eiL 26.5 (T 60), eL y R 34.0 (T 20), F 50.0, d = 12 850 Kms, H = 02:33:54, CGS: reg. Islas Fiji, 21.8 S, 176.4 W, M 5.8, h = 174 Kms.-

11. eWZS 04 58 54.0, eiL 05 04.8-07.0 (T 50-36), eiR 07.2-11.4 (T 46-18), F 50.0, CGS: H = 04:42:00.7, N de las Islas Ascensión, 1.3 S, 14.4 W, h = 33 Kms, d = 6 000 Kms aprox.-

11. eiXP 16 14 07.7 D, i!WZP 14 08.0 C, eiX(PP) 14 25.0, i!S 17 10.0, eSS 17 50, eiSS 18 06, L 18.0-23.0 (T 48-16), F 55.0, P-azimut: S 52 W, d = 1 900 Kms, H = 16:10:37, V 696 Z, T 1.1, CGS: Ecuador, 1.4 S, 77.8 W, M 5.1, h = 190 Kms.-

11. eiX 19 20 (40.0), ei(Sn) 21 25.5, FX 22.0.-

11. iXPg 22 06 16.0 C, iXSg 06 17.5, FX 06 50, d = 12 Kms, H = 22:06:13.4, V 996 Z, T 0.3.-

12. eiWZSKS 01 07 28.0, eiS 08 20, eiPS 09 48, ei!PPS 10 34, ei!PKKP 13 06, eiSS 15 24, eSSS 19 15, F 03 56.0, d = 11 100 Kms, H = 00:43:18, CGS: Islas Ratas, Aleutianas, 51.5 N, 175.8 E, M 5.4, h = 33 Kms.-

12. eiWZ(S) 12 51 00, eL 57.2-60.0 (T 36-20), eiR 13 05 (T 20), F 18.0, CGS: H = 12:38:44, frente costa de Méjico, 9.7 N, 104.9 W, M 5.3, h = 33 Kms, d = 4 250 Kms.-

12. eiX(Sg) 20 34 29.0, FX 34 55.0.-

12. eX(S) 21 18 (20), eiX 19 23.5, FX 20.0, prob. CGS: H = 20:50:46, cerca costa N de California, 40.3 N, 124.7 W, M 4.9, h = 33 Kms, d = 6 600 Kms.-

12. eiX 23 46 (22.7), FX 47.0, V 226 Z, T 0.5.-

13. eX 10 13 38.5, eiX 13 44.0, eiX 15 47, ei 16 10, iWZ 18 00, F 30.0.-

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13. iXPn 12 03 22.1 (D), eiPb 03 42, eSn 04 33.5, iSn 39.0 i 04 55.0, i 05 22, ei(Sb) 05 09, eiSg 05 28, ei 05 39, FX 08.0, P-azimut: SW-WSW, d = 750 Kms, H = 12:01:36.1, V 466 Z, T 0.7, MC 4.6.-

13. eiXPKPl 23 11 10.5 C, FX 11 50.0, V 276 Z, T 0.7, CGS: H = 22:51:22.3, reg. Islas Filipinas, 19.2 N, 121.4 E, M 4.9, h = 33 Kms, d = 16 900 Kms.-

14. iXPn 06 53 31.0 D, eiPb 53 48, ei 54 09, iSn 54 40.5, i!Sn 54 49.5, iSb 55 13, iSg 55 35, FX 57.0, P-azimut: SW-WSW, d = 735 Kms, H = 06:51:47, V 246 Z, T 0.4, MC 4.7, CGS: N de Colombia, 6.9 N, 73.1 W, h = 153 Kms.-

14. eiXPn 12 53 33.5 C, ei!(Sn) 53 23, ei 53 48, iSn 53 53, F 54.2, d = 790 Kms, H = 12:50:41.5, V 316 Z, T 0.8, MC 4.5, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.2, h = 141 Kms.-

14. eX 15 30 (09.0), FX 31.0.-

14. eXWZPcP 18 58 (09.0), eiPcS 19 02 34, eL 14.0-18.0 (T 50-27), eiR 22.0-25.0 (T 26-18), F 48.0, CGS: H = 18:47:03, frente costa Sur de Chile, 42.6 S, 80.0 W, M 4.6, h = 33 Kms, d = 6 450 Kms.-

14. eiWZL 20 12.5-16.5 (T 36-20), F 31.0, CGS: H = 19:37:17.8, Mar Groenlandia, 73.0 N, 6.5 E, M 5.4, h = 33 Kms, d = 8 500 Kms.-

14. iWZS 23 28 50.0, eL 38.0-41.0 (T 48-24), iR 42.0-43.5 (T 20-18), F 24 12.0, CGS: H = 23:11:06, frente costa Sur de Chile, 46.0 S, 76.1 W, M 4.8, h = 33 Kms, d = 6 250 Kms.-

15. eiX 00 59 42.0 C, FX 01 01 30, V 256 Z, T 0.9.-

15. eXP 01 38 (34.0), eiPP 42 40, eSKS 49 00, iSKKS 49 53, e!PS 51 14, e 51 27, eiSS 57 00, eiSSS 02 02 15, eiL 06.0-11.0 (T 48-36), iMR 17.0-21.0 (T 26-22), eiR 23.0-25.2 (T 20-18), F 03 30.0, d = 11 000 Kms, H = 01:24:(58), CGS: Islas Ratas, Aleutianas, 51.4 N, 179.4 E, M 5.8, h = 42 Kms.-

15. eiXPP 02 34 45.0 (D), i!XPP 34 49, FX 35 10, V 406 Z, T 0.8, CGS: H = 02:29:48, frente costa de Costa Rica, 9.9 N, 86.5 W, d = 2 100 Kms.-

15. eWZP 06 36 (17), ePPP 39 36, i!(S) 43 54, eiS 44 08, eiSSS 50 00, eiL 53.0-56.0 (T 50-36), iMR 56.5-65.0 (T 26-18), F 07 45.0, d = 6 400 Kms, H = 06:26:(31), CGS: frente costa S de Chile, H = 06:26:16.3, 45.9 S, 76.0 W, M 4.9, h = 33 Kms.-

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15. ei!WZP 09 51 02 D, eiPP 53 00, ei(PPP) 54 00, i!S 58 06, eiSS 10 01 24, ei!SSS 02 20, i!ML 04.0-09.5 (T 54-22), eiR y L 10.0-14.5 (T 22-16), F en el sismo siguiente. P-azimut: E, d = 5 400 Kms, H = 09:42:24, CGS: Cresta del Atlántico Central, 0.4 N, 19.2 W, M 5.0, h = 33 Kms.-

15. iXPKP1 11 03 20.0 (C), i!XPKP2 04 04.5 D, eX(SKP) 07 30, i!WZ 07 44, ePP 08 20, eiPPP 12 00, eiSKKS 14 30, iPSKS 18 40, ei 21 00, ei!SS 28 40, ei!SS 30 00, ei!SSS 35 30, eL 39.0-40.0 (T 60), ei!ML 59.0-61.0 (T 50-40), eL 12 03.0-11.0 (T 30), eR 23.0-29.0 (T 30-22), F 12 36, d = 18 400 Kms, H = 10:43:10, V 386 Z, T 1.3 (PKP1), V 906 Z, T 1.4 (PKP2), CGS: Islas Talaud, 3.0 N, 125.9 E, M 6.0, h = 33 Kms.-

15. eX 14 02 02.8 D, FX 02 50, V 356 Z, T 0.4.-

15. eiWZL 14 05.0-10.0 (T 40-28), iR 10.3-12.7 (T 24-18), F 30.0.-

15. eiXPg 22 42 01.8 D, iSg 42 04.7, FX 42 30.0, d = 24 Kms, H = 22:41:57.2, V 356 Z, T 0.4.-

16. eWZL 00 07.5-11.0 (T 60-40), eR 15.6-23.0 (T 20-18), F 50.0.-

16. eiWZL 09 07.0-13.0 (T 40-20), F 24.0, CGS: H = 08:46:07.7, Golfo de California, 26.4 N, 110.0 W, M 4.6, h = 33 Kms.-

16. eiWZL 11 20.0-26.0 (T 50-24), F 46.0, CGS: H = 10:59:17.5, Golfo de California, 26.4 N, 110.0 W, M 5.2, h = 33 Kms, d = 4 900 Kms.-

16. eiWZL 22 51.0 (T 20), eiR 55.0-59.5 (T 24-16), F 23 40.0, CGS: H = 22:27:14, cerca costa de Chile Central, 38.1 S, 73.4 W, M 4.9, h = 33 Kms, d = 5 500 Kms.-

17. eXP 10 32 (22.0)C,ePP 36 24, e 40 00, eSKS 43 00, eS 43 56, ePPS 46 00, eiSS 50 40, eSSS 55 00, eiL 59.0-07.3 (T 50-28), iMR 11 10.0-17.5 (T 30-22), eiR 27.0 (T 18), F 12 39.0, R-azimut: NW, d = 11 000 Kms, H = 10:18:46, V 256 Z, T 1.1, CGS: Islas Ratas, Aleutianas, 51.8 N, 176.6 E, M 5.6, h = 44 Kms.-

18. iXP 04 00 14.8 C, FX 00 50, V 806 Z, T 0.5, CGS: H = 03:54:11, Prov. Salta, Argentina, 23.1 S, 62.5 W, M 4.7, h = 468 Kms, d = 3 800 Kms.-

18. eiXPKP 04 46 (23.0) C, FX 47.0, V 236 Z, T 0.7, CGS: H = 04:26:33.5, reg. frontera Birmania-India, 25.0 N, 94.3 E, M 5.4, h = 36 Kms, d = 15 800 Kms.-

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18: eX(Pn) 15 22 (22.5 C), i 22 58, i 23 11, FX 24 30, V 456 Z, T 0.4.-

18: iX(WZ)P 22 36 22.5 D, ei!X 38.0, V 115 Z, T 0.7, CGS: d = 12 700 Kms, H = 22:22:20, Islas Kermadec, 28.8 S, 178.0 W, M 4.5, h = 119 Kms.-

18: iXP 22 36 22.5 D, eiS 40 06, F en el sismo siguiente. d = 2 250 Kms, H = 22:32:17, V 115 Z, T 0.7, CGS: límite Perú-Brasil, 9.9 S, 71.2 W, M 5.0, h = 594 Kms.-

18: eL 23 50 (T 60), iL 23 57.0-60.0 (T 52-48), iMR 24 02.5-11.0 (T 32-22), eiR 13.7-15.6 (T 20), F en el sismo siguiente. CGS: H = 22:39:45.8, Mar de Banda, 7.3 S, 126.9 E.-

18. eiXP 23 27 03.8 D, i!WZ SKS 37 36.0, eiSKKS 38 00.0, F 25 40.0, V 256 Z, T 0.8, CGS: H = 23:13:36.3, Islas Ratas, Aleutiana, 51.4 N, 179.1 E, M 5.0, h = 28 Kms, d = 11 000 Kms.-

19. eiX(P) 15 00 29.3, FX 00 50, prob. CGS: H = 14:47:48.1, Islas Ratas, Aleutianas, 52.4 N, 174.8 E, M 5.1, h = 33 Kms.-

19. eXP 19 06 11.0 C, eWZL 40.5-45.0 (T 32-28), eR 47.0-54.0 (T 24-20), F 20 20.0, V 236 Z, T 0.9, CGS: H = 18:52:42.1, Islas Ratas, Aleutiana, 51.1 N, 178.4 E, M 5.6, h = 35 Kms, d = 11 000 Kms.-

20. eiWZR y L 04 06.5-09.5 (T 40-24), eiL 12.0-14.0 (T 18-14), F en el sismo siguiente. R-azimut: NW-WNW.-

20. eiWZL 04 37.5-40.2 (T 36-20), eiR y L 41.0-45.0 (T 16-14), F 05 20.0, R-azimut: SW-WSW, CGS: H = 04:07:11, Corillera de las Islas Pascuas, 34.8 S, 112.1 W, M 4.7, h = 33 Kms, d = 6 800 Kms.-

20. eiWZXP 09 11 52.0 D, iXPb 12 05, iXPg 12 15, eXSn 12 44, iXSn 12 47, eiSb 13 06, eiSg 13 26, iL 14.0 (T 16), F 27.0, P-azimut: E, d = 560 Kms, H = 09:10:34, V 906 Z, T 0.4, MC 4.5, CGS: cerca costa de Venezuela. 10.5 N, 62.3 W, M 4.6, h = 6 Kms.-

21. eiPS 11 42 40, e!PPS y PKKP 43 40, ei!SS 48 36, eiL 12 00.0 (T 40), eiR 05.0-13.0 (T 40-28), F 13 32.0, d = 12 300 Kms, H = 11:14:10, CGS: Islas Tonga, 15.1 S, 173.2 W, M 6.0, h = 33 Kms, se sintió en Apia.-

21. iXP 14 16 10.0 D, i!X 16 23.0, FX 17.0, CGS: H = 14:09:19.1, N de Chile, 22.6 S, 69.0 W, M 4.9, h = 109 Kms, d = 3 700 Kms.-

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22. eXPn 01 41 05.5, iX 41 08, eiPb 41 21.0, i(Pg) 41 34, ei(Sn) 42 03, iSn 42 04.5, eiSb 42 28, FX 44.0, d = 570 Kms, H = 01:39:45.5, V 306 Z, T 0.7, CGS: Islas Windward. 11.2 N, 60.8 W, M 3.7, h = 83 Kms, sentido en Trinidad.-

23. eiXGZP 22 18 46.0, eXPP 20 00, iPPP 20 26, eiS 24 06, i!S 24 20, eiSS 27 00, iSSS 27 30, iL 32.5-35.5 (T 30-24), iMR 36.0-39.0 (T 24-20), F 26 30.0, P-azimut: S-SSW, d = 4 250 Kms, H = 22:11:36, V 175 Z, T 1.0, Ms 7.1, m = 6.9, CGS: cerca costa N de Chile, 25.7 S, 70.5 W, M 6.2, h = 80 Kms, 1 muerto, 5 heridos y daños materiales.-

24. ei(X)WZP 08 14 36.0 C, i 14 42, eiPcP 18 00, ei!S 19 00, ei!SS 20 29, eiML 20.5-24.0 (T 50-20), iMR 25.0-27.0 (T 20-18), F 10 20.0, d = 2 900 Kms, H = 08:09:16, V 226 Z, T 0.8, CGS: cerca costa Chiapas, Méjico, 14.0 N, 92.2 W, M 5.0, h = 56 Kms.-

24. e!XPn 10 46 55.0 C, iPb 47 35, ei(Sn) 48 51, FX 51.0, V 386 Z, T 0.5, CGS: H = 10:44:34, N de Colombia, 6.3 N, 75.9 W, M 3.6, h = 33 Kms, d = 1 050 Kms.-

25. eiX(Pg) 04 00 (57.0), FX 01 10.0, V 406 Z, T 0.4, reg. Caracas, no sentido.-

25. ei!WZXPKP 05 10 44.0 C, iXSKP 14 36, eSKS 17 50, iPSKS 24 06, eiPS 25 40, ei(PPS) 27 20, eiSS 34 25, eiL 48.0 - 55.0 (T 80-40), iL 06 01.0 (T 36), iMR 11.0-16.0 (T 26-24), iR 20.0 (T 20), R-azimut: W-WSW, d = 16 200 Kms, H = 04:51:24.0, V 276 Z, T 1.2, CGS: reg. Nueva Bretaña, 5.5 S, 152.0 E, M 5.9, h = 35 Kms.-

25. iXPn 06 30 21.0, iXPb 30 44.5, iSn 31 50, eiX(Sb) 32 17, FX 33 50, d = 885 Kms, H = 06:28:18, V 806 Z, T 0.4, CGS: Islas Windward, 15.0 N, 60.0 W, M 4.8, h = 49 Kms.-

25. eiWZS 09 34 10, eiL y R 43.7-50.0 (T 48-16), F 10 10.0, CGS: H = 09:16:35.8, Sur del Océano Pacífico, 41.2 S, 91.2 W, M 4.9, h = 33 Kms, d = 6 200 Kms.-

25. eiXPKP 16 24 (35.5), FX 25 30, V 386 Z, T 0.6, CGS: H = 16:04:45.7, reg. Islas Filipinas, 19.2 N, 121.2 E, M 5.1, h = 13 Kms, sentido en Calayan y Aparri. d = 17 000 Kms.-

25. eiWZPKP 19 42 (28.0), eiPP 44 46, eiPPS 56 30, eLSSS 20 06 00, eiMR 23.0-25.5 (T 40-30), eiR 25.5-32.0 (T 28-18), F 50.0, CGS: H = 19:23:33, Islas Sta. Cruz, 11.4 S, 166.1 E, M 5.7, h = 86 Kms, d = 14 500 Kms.-

25. eiX 23 27 (46.0), FX 28.0, V 236 Z, T 0.7.-

26. eiWZ (PPS) 05 11 28, e 17 44, eiR 34.5-40.0 (T 36-20), F 50.0, prob., CGS: H = 04:42:28, reg. Islas Fiji, 18.8 S, 176.1 W.-

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26. eiWZSSS 06 04 44, ei ll 08, ei!L 22.0-25.0 (T 60-54), eiMR 28.0-34.5 (T 30-20), F en el sismo siguiente. CGS: H = 05:36:01.1, reg. Islas Fiji, 18.9 S, 176.3 W, M 5.4, h = 61 Kms, d = 12 800 Kms.-

26. eWZL 07 34.0-41.6 (T 50-26), eiR 43.0-47.0 (T 24-20), F 08 13.0.-

26. eiWZ PKPl 09 15 (52.0) (D), ePP 21 16, eiSKS 22 40, eiPPP 25 20, eSKKS 28 00, eiPSKS 32 00, eiPPS 35 16, ei 42 00, SS 44 40, eSSS 52 30, eiL 10 14.0-18.0 (T 60-40), eiR y L 23.0-30.0 (T 24-20), iR 32.0 (T 20), eiR 42.0-43.7 (T 20), F ll 18.0, R-azimut: SE, d = 19 600 Kms, H = 08:55:42, CGS: SW de Sumatra, 6.7 S, 102.7 E, M 6.1, h = 33 Kms.-

26. iXPn 23 37 54.0 D, iPb 38 12, i!Sn 39 12, iSb 39 32, iSg 39 55, FX 59.0, P-azimut:N 115 W, d = 770 Kms, H = 23:36:04, V 605 Z, T 0.8, MC 5.4, sentido en el SW de Venezuela y Maracaibo. CGS: N de Colombia, 6.9 N, 73.0 W, M 5.7, h = 146 Kms, sentido en: Bogotá, Bucaramanga y Cúcuta.-

27. eXPn 01 22 52.0, eiSn 24 09.3, eiSb 24 38, FX 27.0, d = 770 Kms, H = 01:23:02, V 156 Z, T 0.8.-

27. eiX 07 19 04.5, FX 21 30.-

27. eiXP 07 54 46.3 C, iPP 56 37, eiPPP 57 12, i!S 08 01 37, ei 03 16, iSS 05 10, ML 09.0 (T 40), ML 16.0 (T 20), F 09 50.0, P-azimut: WNW, d = 5 200 Kms, H = 07:46:21, V 346 Z, T 0.9, CGS: Golfo de California, 28.5 N, 112.1 W, M 5.3, h = 33 Kms.-

27. eWZXPcP ll 41 11.2, FX 42 10, CGS: H = 11:29:59.0, S de Argelia, 24.2 N, 5.1 E, M 5.8, h = 0 Kms, d = 6 700 Kms.-

27. eR 13 29.0-35.0 (T 40-16), F 45.0.-

28. eWZXP 06 23 49.0, e(R) 29.0 (T 20), F 34.0, V 206 Z, T 0.5, CGS: H = 06:20:10.0, S de Panamá, 2.6 N, 79.8 W, M 4.1, h = 33 Kms, d = 1 600 Kms.-

28. eXPn 11 40 02, ePb 40 17, e(Pg) 40 29, eiSn 40 51, iSn 40 53, eiSb 41 10, ei(Sg) 41 35, FX 44.0, d = 520 Kms, H = 11:38:49, V 386 Z, T 0.5.-

G.Fiedler

E. de Gyomrey

G.N.

COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES

Caracas - Venezuela

International Seismological Centre

BOLETIN SISMICO MENSUAL

MARZO 1965

1. eiWZXPKP 07 40 20.0, eiPP 43 26, ei(SKS) 48 20, ePSKS 53 34, ePPS 55 44, iSS 08 02 00, eL 26.1 (T 44), ML y R 32.5 (T 20), MR 43.8 (T 18), F en sismo anterior. d = 15 850 Kms, H = 07:20:56, V 456 Z, T 1.0, CGS: reg. Nueva Bretaña, 5.5 S, 152.1 E, M 5.7, h = 35 Kms, fue sentido en Rabaul, Doilene y Karlai.-

1. eiWZXPKP 08 38 39.0, ei(SSS) 09 06 40, eR y L 34.0 (T 40), F 10 40.0, V 406 Z, T 0.9, CGS: H = 08:18:56.4, 21.1 N, 121.2 E, M 5.2, h = 42 Kms, d = 16 400 Kms.-

1. eiXPKP 13 40 (35.0), F 43.0, V 636 Z, T 1.0, CGS: H = 13: 20:56.7, reg. Taiwan, 21.2 N, 121.2 E, M 5.5, h = 42 Kms, d = 16 550 Kms.-

1. eX(PKP) 14 35 37.2, iX(PKP) 35 39, FX 35 50, V 456 Z, T 0.8, CGS: H = 13:56:07, S de Alaska, 61.7 N, 147.7 W, d = 8 500 Kms.-

1. eiXWZP 16 03 48.0, iXPcP 04 37, eiS 11 28, iPS 11 34, eiSS 12 00, ei 15 00, ei 17 40, eiL 20.6-23.0 (T 44-32), iMR 23.0-25.0 (T 24-20), F 17 15.0, R-azimut: SE, d = 6 000 Kms, H = 15:54:28, V 356 Z, T 0.6, CGS: Cresta Oeste de Chile, 41.4 S, 85.6 W, M 5.2, h = 33 Kms.-

1. eiXPg 16 21 27.5, iX 21 29, iXSg 21 31.5, FX 22.0, d = 32 Kms, H = 16:21:23, V 105 Z, T 0.5.-

1. eX 17 18 (35.0), eiX 18 42, eiX 19 06, FX 21.0, V 556 Z, T 0.3.-

1. eWZ(R y L) 20 10.0-17.5 (T 40-24), eiR 17.5-20.0 (T 20), F 31.0, CGS: H = 19:22:01.6, Islas Ratas, Aleutianas, 52.2 N, 173.9 E, M 5.5, h = 30 Kms, d = 11 200 Kms.-

1. iWZXP 21 37 30.0 C, iXPP 38 13, eiWZ 39 32, i 41 40, iS 41 56, i!X 44 37, iL y R 45.0-51.0 (T 48-16), F 23 10.0, P-azimut N 73 W, d = 2 950 Kms, H = 21:32:02, V 966 Z, T 0.6, MC 5.7, CGS: reg. frontera México-Guatemala, 15.4 N, 92.5 W, M 5.9, h = 93 Kms, sentido en San Salvador.-

2. eiWZ(SSS) 06 21 28, eL 31.5-40.0 (T 60-40), eiR 52.0-54.6 (T 30-20), F 07 18.0, CGS: H = 05:40:20, Islas Kermadec, 27.3 S, 177.7 W, M 4.5, h = 33 Kms, d = 12 600 Kms.-

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Continuación del mes de Marzo de 1965.

2. eiWZR 07 21.0-25.0 (T 28-18), eR y L 29.0-32.5 (T 18), F 50.0, CGS: H = 06:34:48, W de las Islas Macquarie, 61.0 S, 154.8 E, h = 33 Kms, d = 13 700 Kms.-

2. eWZPKKP 09 48 52, eiPS 49 04.0, ei(PPS) 50 06, eiSS 55 16, eL 10 07.0 (T 60), eiL y R 13.8-21.0 (T 40-30), eiR 25.0-27.0 (T 28), F 11 20.0, CGS: H = 09:19:41.6, Islas Kermadec, 27.2 S, 177.9 W, M 5.6, h = 39 Kms, d = 12 850 Kms.-

2. eX(Pn) 16 49 (34.0), ei(Pg) 49 47, iX(Sn) 50 10, e(Sb) 50 27, F 53.0, d = 345 Kms, H = 16:48:46, V 446 Z, T 0.3, MC 4.5.-

2. eWZPKKP 17 03 36, e(PS) 05 20, eiR 30.0-34.2 (T 26-18), F 57.0, CGS: H = 16:34:26.9, S de las Islas Fiji, 27.0 S, 177.7 W, M 4.9, h = 70 Kms, d = 13 450 Kms.-

2. eiX 21 57 40.0, eiXPP 58 20, FX 58 40, V 276 Z, T 0.7, CGS: H = 21:36:38.4, reg. Islas Bonin, 28.2 N, 139.3 E, d = 15 400 Kms.-

2. eWZL y R 24 25.0-31.0 (T 40-20), eiR 37.0 (T 18), CGS: H = 23:30:42.8, S de las Islas Fiji, 26.7 S, 178.0 W, M 4.9, h = 109 Kms, d = 13 500 Kms.-

3. eWZPPP 03 39 00, ePS 46 12, i!PKKP 46 30, eiPPS 47 28, e!SS 52 44, ei!SSS 56 30, eL 04.0 (T 60), eiMR 11.0-17.2 (T 46-20), eiR 24.0 (T 18), F 05 50.0, d = 12 700 Kms, H = 03:17:00, CGS: Islas Kermadec, 27.2 S, 177.6 W, M 5.4, h = 33 Kms.-

3. e!WZPS 15 08 10.0, i!WZPKKP 08 28, CGS: H = 14:39:05.0, Islas Kermadec, 27.0 S, 177.8 W, M 5.6, h = 43 Kms, d = 12 650 Kms.-

3. eiWZPKP 15 33 28 C, eiXPKP 33 32, iPP 36 44, iXSKP 37 20, iPPP 40 10, eiSKKS 43 20, eiPSKS 46 36, eiPPS 49 20, iSS 55 18, eiSSS 16 01 00, ei!L 08.0 (T 60), i!ML 13.0-18.0 (T 60-46), i!R 19.0-21.3 (T 48-40), i!MR 24.0-29.5 (T 30-20), iR 36.0-44.0 (T 20), F 19 55.0, R-azimut W-WSW d = 15 750 Kms, H = 15:14:05, V 376 Z, T 0.9, CGS: reg. Nueva Bretaña, 5.5 S, 151.9 E, M 6.0, h = 44 Kms.-

3. eiXPg 22 20 16.0 D, iSg 20 17.4, F 20 40, d = 11 Kms, H = 22:20:13.6, V 226 Z, T 0.5.-

4. eiWZPKP 02 08 10.0 C, ei!X 08 12.8 D, iSKP 10 50, e!PPP 14 44, eSKKS 18 00, e(PS) 20 30, eSS 25 30, eiR 35.0-41.0 (T 64-50), eL 46.0 (T 58), eL 50.5 (T 40), eL 57.0 (T 48), L 03 37.0 (T 20), F 04 00.0, P-azimut: W-WSW, V 215 Z, T 0.7, CGS: H = 01:48:54.4, reg. E de Nueva Guinea, 5.4 S, 147.0 E, M 6.4, h = 191 Kms, d = 16 250 Kms.-

4. eiX(P) 13 44 18.0 D, F 47.0, V 376 Z, T 0.6.-

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4. eiX(Pn) 16 31 38.5 (C), ei(Sn) 32 19, F 32 40.-

5. eiXP 06 28 29.0 C, ePPP 34 30, eiSKS 39 00, e!S 39 50, eiPS 41 10, ePPS 42 15, eSS 47 24, eiSSS 51 10, eL 56.0-61.0 (T 60-40), eiMR 07 08.0-14.0 (T 28-20), eiR 18.0 (T 20), F 42.0, R-azimut SE, d = 10 850 Kms, H = 06:14:59, V 306 Z, T 1.0, CGS: Islas Ratas, Aleutianas, 51.2 N, 179.3 E, M 5.6, h = 25 Kms.-

5. eiXPKP2 10 24 06.0 C, FX 25.0, V 356 Z, T 1.0, CGS: H = 10:03:34.2, CGS: reg. Isla Aru, 5.1 S, 134.4 E, M 5.9, h = 33 Kms, d = 17 500 Kms.-

5. eiWZ(S) 14 08 12.0, eiR 30.0-41.3 (T 54-20), F en el sismo siguiente. CGS: H = 13:42:44.1, Islas Ratas, Aleutianas, 52.3 N, 174.9 W, M 5.3, h = 35 Kms, d = 11 150 Kms.-

5. i!XP 14 38 44.0 (D), ipP 39 40, iPPP 40 48, ei(PcS) 41 32, iS 43 48, iS 44 00, eiSS 47 08, iXSSS 47 52, eL 50.0 (T 40), eiR 54.0-57.0 (T 24-18), F 15 28.0, P-azimut: S-SSE, d = 4 200 Kms, H = 14:32:39, CGS: Prov. Santiago del Estero Argentina. 27.0 S, 53.3 W, M 5.5, h = 573 Kms.-

5. eXPPP 18 22 (41.0), eiWZSKS 25 46, eSS 36 20, eSSS 41 00, eiL 44.5-50.0 (T 60-40), eiR 53.0-57.0 (T 28-20), eiR 19 00.0 (T 18), F 20.0, d = 13 500 Kms, H = 17:59:18.-

5. eiWZ L y R 20 31.2-36.0 (T 46-20), F 21 01.0, CGS: H = 19:36:43, Islas Kermadec, 27.5 S, 177.0 W, M 5.3, h = 33 Kms, d = 12 600 Kms.-

5. eiXP 21 32 08.4 D, ePP 33 16, e(S) 37 00, eiR 55.8-59.0 (T 26-18), F 24.0, d = 3 500 Kms, H = 21:25:53.4, CGS: reg. frontera Chile-Bolivia, 21.0 S, 68.4 W, M 4.8, h = 83 Kms.-

6. eXP 04 47 (02), eiXS 50 23, eiSS 51 48, eWZL 05 01.0 (T 40), eiMR 02.3-06.0 (T 30-18), F 33.0, CGS: H = 04:43:07.1, Ecuador, 1.2 S, 78.4 W, M 4.9, h = 13 Kms, d = 2 000 Kms.-

6. eWZL 09 07.0-18.0 (T 20), eiR 20.0-22.0 (T 20-18), F 47.0, CGS: H = 08:19:30.5, Islas Ratas, Aleutianas, 52.4 N, 174.2 E, M 5.1, h = 25 Kms, d = 11 200 Kms.-

6. eiXWZPKP 20 43 38.0 C, eSKP y PP 47 16, e(S) 55 36, e(PSKS) 58 08, ePS 59 30, eSSS 21 10 40, eL 24.0 (T 60), eiL 38.0 (T 36), eiR 43.0-52.0 (T 34-20), eiR 55.6 (T 20), F 22 40.0, d = 16 600 Kms, H = 20:23:54, V 306 Z, T 0.6, CGS: reg. Islas Filipinas, 20.1 N, 121.3 E, M 5.8, h = 8 Kms.-

6. iXPg 23 01 36.0 C, iXSg 01 38.7, FX 02 20, d = 22 Kms, H = 23:01:31.7, V 135 Z, T 0.3, MC 3.2.-

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7. eWZPP 02 02 32.0 (C), eiSKS 08 24, iSKKS 09 32, eiS 10 16, eiPS 12 12, ei!PKKP 12 28, ei 14 18, eiSS 18 00, eiSSS 23 00, eL 29.0 (T 48), iMR 37.0-39.0 (T 32-28), iMRL 40.0-43.0 (T 26-20), eiL 45.5-49.0 (T 20-18), F 04 22.0, R-azimut: SW, d = 12 700 Kms, H = 01:43:12, CGS: reg. Islas Kermadec, 30.3 S, 177.9 W, M 5.6, h = 60 Kms.-

7. eiXP 06 36 35.2 C, eiSS 39 28, eiL y R 40.0-44.0 (T 48-16), F 07 00.0, R-azimut: SW-SSW, d = 1 600 Kms, H = 06:33:25.2, V 286 Z, T 0.9, CGS: S de Panamá, 3.3 N, 79.0 W, M 5.0, h = 33 Kms.-

7. eiWZPS 23 02 50.0, eWZL 12.0-16.0 (T 52-20), eiR y L 17.0 (T 18), F 57.0, CGS: H = 22:45:17.9, S del Océano Pacífico, 41.1 S, 91.2 W, M 5.0, h = 33 Kms, d = 6 200 Kms.-

8. ei 15 43 32.0, eiSS 44 16, F 46 40, CGS: d = 12 800 Kms, H = 15:04:16.2, reg. Islas Fiji, 17.7 S, 178.9 W.-

8. eiXXP 23 18 16.3 C, eL 29.0 (T 36), eiL 31.1 (T 22), eiR 34.8 (T 16), F 24 12.0, d = 4 000 Kms, H = 23:11:26.3, CGS: reg. frontera Chile-Argentina, 24.6 S, 67.1 W, M 5.4, h = 168 Kms.-

9. eiXXPn 04 32 20.6 C, iPg 32 25.0, iSn 32 35.0, eiSb 32 36.3, iSg 32 38.0, F 35.0, d = 100 Kms, H = 04:22:10.6.-

9. eiXX 06 15 24.2 D, i 15 55, ei 17 00, F 17 50.-

9. eiWZP 18 10 27.2 D, ePP 13 30, eiPPP 15 40, i!SKS 20 46, e!(S) 21 30, ei(SS) 26 10, ei!L 33.0 (T 72), iMR 39.0-44.5 (T 40-22), eiR 54.5 (T 20), eiL 57.0-59.0 (T 20-18), F en el sismo siguiente, R-azimut: NE-ENE, d = 9 500 Kms, H = 17:57:57.2, V 186 Z, T 0.7, CGS: Mar Egeo, 39.4 N, 24.0 E, M 5.7, h = 18 Kms, 2 muertos y daños considerables en Isl. Alonissos. Sentido en Grecia, Cannakale y Edremit, Turquia. Tsunami en Islas Pelagos y Skiathos.-

9. iXXPb 22 41 01.0, eiPg 41 03, iSb 41 06, iSg 41 07, F 41 30, d = 45 Kms, H = 22:40:56, V 616 Z, T 0.4.-

10. eiXXPg 17 10 03.0, iXX 10 05.0, iSg 10 06.5, FX 10 50, d = 30 Kms, H = 17:09:57.3.-

10. Microsismicidad alta en los LP.

18 h	T	7.2	seg.	E	0.42 u	N	0.37 u	Z	0.42 u
24 h	T	10.0	"	E	0.40 u	N	0.36 u	Z	0.40 u
06 h	T	8.0	"	E	0.56 u	N	0.46 u	Z	0.56 u
12 h	T	8.0	"	E	0.51 u	N	0.42 u	Z	0.60 u
19 h	T	8.0	"	E	0.56 u	N	0.56 u	Z	0.46 u
24 h	T	6.0	"	E	0.50 u	N	0.63 u	Z	0.63 u

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12. Microsismicidad alta en los LP.
06 h T 6.0 seg. E 0.50 u N 0.43 u Z 0.63 u
12 h T 7.2 " E 0.47 u N 0.47 u Z 0.50 u

11. iXP 17 19 (54), ePP 23 20, ei!SKS 30 22, eiPS 31 20, ei(PPS) 32 18, eiSS 36 20, ei!SSS 40 00, iL 42.5 (T 60), iML 44.0-50.0 (T 60-36), MR 53.0-55.5 (T 20), eiL y R 18 04.0 (T 18), F 40.0, R-azimut: SE-ESE, d = 9 800 Kms, H = 17:07:04, CGS: reg. Islas Bouvet, 54.7 S, 0.7 E, M 5.4, h = 33 Kms.-

12. eiX(P) 08 23 (41.5), i(P) 23 45.8, FX 23 30, CGS: H = 08:07:54, Isla Sur de Nueva Zelandia, 42.3 S, 174.0 E, M 4.9, h = 33 Kms, d = 13 000 Kms.-

12. eX 15 58 37.6 (D), eiNS 59 16, FNS 16 00.0.-

12. eX 19 12 (10.0), eNS 12 43, eNS 13 25, FNS 14.5.-

12. iX(PKP) 19 47 05.5, iXX(PP) 47 22.5, FXX 48.0, CGS: H = 19:29:03.0, Islas Aleutianas, 51.9 N, 174.9 E, d = d = 11 200 Kms aprox.--

12. eWZPP 22 59 08.0 C, iXX 59 43, i!XXR 23 05 28, iR y L 06.5-09.5 (T 20-16), F 50.0, P-azimut: SW, d = 2 200 Kms, H = 22:54:43, V 936 Z, T 0.9, CGS: N del Perú. 5.8 S, 77.8 W, M 4.9, h = 52 Kms.-

13. eiXXP 07 45 54.5, FXX 48.0, V 226 Z, T 1.0, CGS: H = 07:33:23.0, S de Alaska, 53.1 N, 162.2 W, M 5.5, h = 37 Kms, d = 9 500 Kms.-

13. iXXPg 22 36 02.3, iSg 36 05.5, FXX 36 50, d = 26 Kms, H = 22:35:57.3.-

14. e!WZP 16 07 52.0 C, eXXPKP 11 27.5, iXXPKP 11 32.0, eiPP 12 37.0, i! 14 45, iXX SKP 15 07, iSKS 18 16, iSKKS 18 28, ei!S 20 24, eiPKKP 21 40, ei!PS 22 40, ei!PPS 23 48, ei!SS 29 18, eiSSS 33 14, eiL (GNS) 52.8-54.5 (T 28-26), eiR (GNS) 56.0-61.0 (T 26-20), eiR (GNS) 17 02.0-05.2 (T 20-18), P-azimut: N 55 E, d = 13 400 Kms, H = 15:52:52, V 175 Z, T 1.2 (PKP), CGS: reg. Hindu-Kush. 36.3 N, 70.7 E, M 6.6, h = 219 Kms, daños menores en Alfanistan y W de Pakistán, sentido en La India.-

14. ei! P o PKP 17 21 40.2, ei! 21 50.0, V 506 Z, T 1.0.-

14. iZXXPn 17 20 21.0 D, eiPb 20 32, iSn 21 15, iSg 21 49, FX (26.0), P-azimut: E-ENE, d = 525 Kms, H = 17:12:46, V 125 Z, T 0.3, MC 4.5.-

14. eiZXXP 22 45 (26.0) D, iWZ P 45 28, ei 47 30, eiS 48 28, eiSS 49 08, eiL y R 50.0-54.0 (T 36-20), iL 54.4-56.0 (T 14), F 23 30.0, d = 1 900 Kms, H = 22:41:46, (V 105 Z T 2.0), CGS: S de Panamá, 4.6 N, 82.6 W, M 4.5, h = 33 Kms.-

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15. eiZXXPKP2 02 22 (52.0), FXX 24 50, V 186 Z, T 0.9, CGS: H = 02:02:08.9, reg. Taiwan, 22.4 N, 121.4 E, M 4.7, h = 33 Kms, d = 16 600 Kms.-

16. eZXX(Pn) 12 55 (19.0), i 55 30.0, i(Sn) 56 43.0, FX 58 30.0, d = 860 Kms, H = 12:53:21.-

16. eiWZPKP 17 05 48, eSKP 09 24, i!(SKKS) 14 38, eiS 16 36, eiPSKS 18 00, eiPS 19 54, e!SS 26 28, eiSSS 31 30, ei!L 37.0-46.0 (T 60-36), iMR 49.0-53.4 (T 30-28), iR 54.0-56.0 (T 26), iR 57.0-63.0 (T 24-20), R 18 06.0 (T 18), iL 18.0 (T 18), F 20 00.0, R-azimut: NW, d = 15 000 Kms, H = 16: 46:22, CGS: cerca costa E de Japón, 40.8 N, 142.9 E, M 5.6, h = 34 Kms, sentido en Morioka y Aomori.-

17. e(NS) 00 34 05.2 (C), ei 35 20.5, i 35 23.0, F 37.0.-

17. eWZPS 14 54 (46.0), e(SSS) 15 03 44, eL 08.5 (T 60), eL 11.3-16.0 (T 52-28), eiR 23.0-27.0 (T 24-20), F 16 00.0, CGS: H = 14:27:12.4, Islas Near, Aleutianas, 52.8 N, 171.9 E, M 6.0, h = 23 Kms, d = 11 400 Kms, sentido en Shemya.-

17. iXXPg 22 09 01.5, eiXXSg 09 04.0, FXX 09 40, d = 20 Kms, H = 22:08:57.5.-

18. eiXXPn 03 39 51.5 D, eiPb 39 56, iSn 40 17.2, eiSb 40 24.5, ei!Sb 40 29.5, i!L 40 32.5, d = 230 Kms, H = 03:39:20, V 256 Z, T 0.5, MC 3.4.-

18. eiWZP 06 37 14.8 C, iPKP 41 00, i!PP 42 18, iSKS 47 42, iPKKP 50 56, eiPS 51 42,, F 08 40.0, CGS: H = 06:22:02.9, reg. Islas Fiji, 19.9 S, 176.1 W, M 5.5, h = 151 Kms, d = 13 000 Kms.-

18. eiXXP 12 52 17.2 D, eWZPP 55 02, eS 13 01 52, eiScS 02 16, eiPS 02 22, ei(SSS) 10 44, eL 15.0 (T 40), eiMR 16.0-24.5 (T 40-20), eiR 29.0 (T 18), F 14 12.0, R-azimut: SW, d = 8 300 Kms, H = 12:40:47.2, V 326 Z, T 0.7, CGS: reg. Islas Sandwich del Sur, 55.8 S, 26.7 W, M 5.7, h = 92 Kms.-

18. eiXXPg 22 44 (08.2), iSg 44 11.2, FXX 45.0, d = 24 Kms, H = 22:44:03.5, V 395 Z, T 0.2, MC 3.5.-

19. eiXXPKP1 16 40 (53.0), eWZPKP1 40 55.0 C, eSKP 44 26, i(PP) 46 00, eSKS 48 00, e(SKKS) 52 42, ei(PSKS) 56 24, i(PPS) 17 01 46, iSS 08 06, eL 18.5 (T 60), eiL 41.0 (T 44), eiL 50.0-54.0 (T 32-26), iMR 53.8-56.3 (T 28-26), eiL 18 00.0-01.5 (T 24), eiR y L 07.0 (T 20), F 40.0, R-azimut: W-WSW d = 19 600 Kms, H = 16:20:45.0, V 386 Z, T 1.3, CGS: Célebes, 2.0 S, 119.8 E, M 5.0, h 46 Kms.-

19. eiXXPKP1 23 19 20.1 D, eXXSKP 23 00.0, F 24.0, V 466 Z, T 0.9, CGS: H = 22:58:34.9, N de Célebes, 0.0 N, 123.4 E, M 5.6, h = 173 Kms, d = 19 300 Kms.-

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20. eiXX(Pn) 04 59 07.0 (C), iNS(Sn) 05 00 08.0, eiSb 00 36.5, FXX 02.0, d = 650 Kms, H = 04:57:35.5.-

20. iXXPg 22 59 43.8 D, i!Sg 59 46.9, FXX 23 00 40, P-azimut: S 69 E, d = 25 Kms, H = 22:59:39.0, V 185 Z, T 0.3, MC 3.4, reg. Caracas, no se sintió.-

21. eiWZXXP 09 47 02.0 C, eiWZPP 47 28, eWZPPP 47 40, eS 50 37, i!S 50 44, ei SS y PcP 51 18, eiML 52.0-56.7 (T 40-24), i!R 56.0-58.5 (T 18), F 11 00.0, d = 2 200 Kms, H = 09:42:47, V 316 Z, T 0.1, cerca costa de Nicaragua, 11.7 N, 86.4 W, M 5.2, h = 36 Kms.-

21. eiXXPKP1 11 28 20.4 C, eiXXPP 33 23, eiXXPPP37 36, iWZ! SKKS 40 00, ei!WZ 40 40, iPSKS 44 00, ei!SS 54 00, ei!SSS 59 00, i! 12 04 00, i! 07 00, i!L 25.0-30.0 (T 50-28), i!L 39.0-45.0 (T 40-26), iR 47.0-54.0 (T 24-20), iR 13 04.0 (T 20), F 14 00.0, V 236 Z, T 0.9 (PKP1), d = 18 900 Kms, H = 11:08:10, CGS: Mar Molucas, 1.5 S, 126.5 E, M 6.2, h = 33 Kms.-

22. ei!WZPKP 03 03 36, PP 04 30, eiSKKS 11 20, i!(SKKS) 11 40, i!SS 18 56, iL 30.0 (T 46), iMR 36.0-38.0 (T 36-24), eiL 39.0 (T 20), iL 49.0 (T 18), iR 11.8-15.0 (T 18), F 05 50.0, CGS: H = 02:44:47.5, Islas Tonga, 15.3 S, 173.4 W, M 5.9, h = 51 Kms, d = 12 500 Kms, sentido en Apia.-

22. i!XXP 03 12 03.3 D, FXX 15.0, V 756 Z, T 0.7, CGS: H = 03:05:33.3, provincia Jujuy, Argentina, 23.8 S, 66.7 W, M 5.5, h = 176 Kms, d = 3 900 Kms aprox.-

22. iXX(P) 04 17 (09.0) C, iNS 17 22.1, FXX 19.0.-

22. eiXXPn 08 08 47.5 D, iXXPb 09 51, eiXXPg 09 56, iXXSn 09 09.5, eiXX 09 15.5, eiXX 09 22, FXX 10 30, d = 195 Kms, H = 08:08:21.0, V 256 Z, T 0.5.-

22. eiXXPn 09 47 48.4 D, iPb 48 03.6, e!Pg 48 14.0, eiSn 48 56, i!Sn 49 05, iSb 49 25, iSg 49 43, FXX 53 30, P-azimut: W-WSW, d = 700 Kms, H = 09:46:09.8, V 406 Z, T 0.6, MC 4.6, CGS: N de Colombia, 6.6 N, 72.8 W, M 4.9, h = 187 Kms.-

22. iXXPg 21 48 04.2 D, iXXSg 48 05.5, FXX 48 30, reg. Caracas, no fué sentído. d = 10 Kms, H = 21:48:02, V 175 Z, T 0.3, MC 3.2.-

22. iXXWZP 23 04 17.7 C, iWZP 04 28, iPP 06 00, iPPP 06 40, i!S 10 34, ei!SS 13 52, iSSS 14 40, iL 16.0-18.8 (T 50-40), iML y R 19.0-22.6 (T 30-22), iMR 23.0-26.0 (T 22-18), F en el sismo siguiente. P-azimut: N 166 W, d = 4 850 Kms, H = 22:56:15, V 135 Z, T 0.9, Ms 5.7, CGS: cerca costa de Chile Central. 31.9 S, 71.5 W, M 6.0, h = 46 Kms.-

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23. eiXX 09 34 (15.4) C, iXX 34 17.0 D, ePg 34 28, eSn 34 52.2, i!Sn 34 56, eiSg 35 11, ei 35 29, FXX 36 40, d = 410 Kms, H = 09:33:18.4, V 256 Z, T 0.5, MC 3.8, sentido en el Edo. Lara y Río Tocuyo con 4.0-5.0 MCS.

23. iXXP 21 26 17.5 C, eiWZPP 26 23, eiS 30 00, ei!SS 31 08, eiL 32.5-35.7 (T 36-22), eiR 36.0 (T 20), F 22 00.0, R-azimut: WNW, d = 2 350 Kms, H = 21:21:49.5, V 226 Z, T 1.0, CGS: cerca costa de Nicaragua. 11.0 N, 86.6 W, M 4.8, h = 33 Kms.-

23. e!WZP 24 08 30, eiWZ 08 36, eiPKP 12 20, eiPP 13 00, eiPPP 15 02, ei 15 30, e!SKKS 19 06, i!S 20 46, e! 21 28, ei! 21 48, i!PS 22 28, i!PPS 23 40, eiPKKP 24 00, eiSS 28 30, iSS 29 16, ei!SSS 33 00, ei 36 48, eL 40.3-43.0 (T 46-40), eiMR 45.0-46.7 (T 36-30), eiL 51.0-55.0 (T 20-18), eiL 58.0 (T 18), F 26 24.0, R-azimut: W-WSW, d = 12 000 Kms, H = 23:54:20, CGS: Islas Tonga, 15.2 S, 173.5 W, M 5.7, h = 130 Kms.-

24. eiXXWZP 08 20 05.3 D, e(PP) 22 48, i!SKS 30 00, eiS 30 20, eiPS 30 46, i!(SS) 35 04, eL 38.5-42.0 (T 36-26), eiR 47.0 (T 30), eiR 57.0-61.0 (T 20-18), F 10 00.0, R-azimut: NW-WNW, H = 08:08:05.3, V 286 Z, T 0.5, CGS: reg. Isl. Kodiak, 56.6 N, 152.4 W, M 5.2, d= 8 900 Kms, h = 30 Kms.-

24. eiWZL 19 01.0-06.2 (T 48-24), eL 08.0 (T 18), F 50.0, CGS: H = 18:23:59.9, S de las Islas Fiji, 25.4 S, 177.3 W.-

24. iXXPg 21 41 19.0 C, iSg 41 21.0, FXX 41 50, P-azimut: N 127 W, d = 16 Kms, H = 21:41:15.8, V 154 Z, T 0.1, MC 4.0.-

24. eiXXPg 23 06 30.3 C, iSg 06 33.6, FXX 07 00, d = 26 Kms H = 23:06:25.3, V 616 Z, T 0.4, MC 3.0.-

24. eiWZL y R 23 55.8-62.0 (T 40-28), eiR 04.0-08.0 (T 24-20), F 50.0, CGS: H = 22:42:09.6, Mindanao, Islas Filipinas, 8.4 N, 126.6 E, M 5.8, h = 51 Kms, d = 18 000 Kms, fue sentído.

25. eWZPS 09 19 30, ei(SS) 26 16, eiL 35.0-45.0 (T 60-26), eiR 46.0 (T 24), eiR 50.0-57.0 (T 20), F 10 16.0, CGS: H = 08:53:13.6, Islas Near, Aleutianas, 52.3 N, 172.6 E, M 5.3, h = 31 Kms, d = 11 100 Kms.-

25. iXX(Pn) 20 17 39.0 C, iPg 17 58.5, iSn 18 25, eiSn 18 28.5, eiSb 18 46.5, eiL 19 26, FXX 21.0, P-azimut: N 61 E, d = 480 Kms, H = 20:16:32.0, V 456 Z, T 0.8, MC 4.0.-

26. iXXPg 00 16 34.0 C, iSg 16 36.6, FXX 17.0, P-azimut: SW-WSW, d = 21 Kms, H = 00:16:30.0, V 256 Z, T 0.4, MC 2.6.-

26. eiXXPn 08 41 23.2, iXXSn 42 40.5, iXXSn 42 45.6, eiXXSb 43 26, FXX 46.0, CGS: H = 08:39:43, N de Colombia, V 206 Z, T 0.7, 6.8 N, 72.9 W, M 3.9, h = 168 Kms, d = 790 Kms.-

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26. eiXXP 12 13 35.0, i!S 15 45, ei!SS 16 30, eiR 20.0-21.0 (T 16), F 40.0, V 456 Z, T 0.8, CGS: H = 12:10:44.0, cerca costa W de Colombia, 4.8 N, 77.6 W, M 4.5, h = 25 Kms, d = 1 500 Kms.-

28. eWZ(PcP) 00 17 14.0 (C), CGS: d = 3 300 Kms, H = 00:09:32, N de Chile, 19.0 S, 69.2 W.-

28. eiWZPKP1 00 23 40, ePKP2 24 48, ePP 28 36, ePPP 33 00, eiSKKS 35 16, ePPS 42 26, ei!SS 49 50, eL 01 06.0-10.0 (T 60-48), eiL 14.0-20.0 (T 60-24), eiL 22.0 (T 30), eiR 27.0-31.0 (T 50-30), eiR 32.0 (T 28), eiR 42.0 (T 22), F 02 15.0, d = 19 000 Kms, H = 00:03:30, CGS: Mar de Ceram, 2.6 S, 126.0 E.-

28. eiXXP 05 35 53.0 (D), iXXP 35 54.5, eipP 36 13, eiXXPP 36 41.5, eiS 40 50, eisS 05 41 06, eXXSS 42 38, eiL 44 29, ei!R 44 47.5, FXX 47.0, V 326 Z, T 0.9, CGS: H = 05:30:25.4, Perú, 15.0 S, 72.3 W, M 4.6, h = 108 Kms, d = 2 900 Kms aprox.-

28. eXXWZP 10 05 (36.0), eiPP 06 24, ei 08 10, eiS 10 20, iWZ 10 52, ei(SS) 11 50, ei! 12 34, eiL 13.0-17.0 (T 36-20), FX 50.0, d = 3 150 Kms, H = 09:59:56, V 466 Z, T 0.9, CGS: cerca costa de Perú, 15.7 S, 74.1 W, M 5.4, h = 45 Kms.-

28. iXXPg 14 55 54.4 D, iXXSg 55 55.5, FXX 56 15, d = 10 Kms, H = 14:55:52.4, V 235 Z, T 0.4, MC 3.3.-

28. eiXXWZP 16 41 07.8 C, eiPcP 42 50, i!PP 42 53, iPPP 43 40, eiPcS 46 40, ei!S 47 27, iS 47 38, iXX 48 18, i!SS 50 42, ScS 50 53, eiSSS 51 25, F 21 00.0, P-azimut: S 13 W, d = 4 800 Kms, H = 16:33:10, V 885 Z, T 0.8, CGS: cerca costa de Chile Central, 32.4 S, 71.2 W, M 6.4, h = 61 Kms, murieron aprox. 400 personas, muchos heridos y grandes daños materiales en Chile Central.-

29. eXXPn 07 49 (30.8) C, i(Pg) 49 47, eiSn 50 13.5, ei 50 22.5, FXX 52 50, d = 400 Kms, H = 07:48:34.8, V 165 Z, T 0.2, MC 4.4.-

29. eWZPKP 11 07 (10) D, eiWZPKP 07 (33) D, iSKP 10 50, ei(PPP) 13 42, ei!S 18 00, i 18 46, eiPSKS 19 20, eiPPS 21 40, eiSS 28 00, ei!L 40.0-48.5 (T 60-30), iMR 48.6-55.0 (T 36-28), iR 12 00.0-04.5 (T 22), eiL 08.0-13.0 (T 22-20), eiL 19.0 (T 18), F 13 46.0, R-azimut: NW, d = 15 000 Kms, H = 10:47:46, CGS: cerca costa E de Honshú, Japón, 40.8 N, 142.8 E, M 6.1, h = 33 Kms.-

30. eiWZSKS 00 46 04, iSKKS 47 00, eiPS 49 20, ePPS y PKKP 50 36, eSS 55 30, eiL 01 07.0-09.5 (T 48-36), eiR 13.5-15.0 (T 30-24), eiL 15.2-18.0 (T 20-18), ei!R 19.0-23.0 (T 18), F en el sismo siguiente. CGS: H = 00:21:00.2, Islas Tonga, 20.0 S, 173.9 W, M 5.5, h = 33 Kms, d = 12 600 Kms.-

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30. eiXP 02 40 36.7 C, e!WZP 40 37.2 D, iX 41 42.2, eXPP 44 32.4, i!XPP 44 42.5, eiXPPP 46 40, eSKS 51 15, iSKKS 51 44, e(S) 52 08, eiPPS 53 48, iPPS 54 00, eiL 03 10.6-15.5 (T 48-36), iMR 15.8-22.0 (T 34-24), eiL 25.0-26.5 (T 20), R 29.0 (T 20), L 31.0 (T 18), F 08 00.0, P-azimut: N 34 W, d = 10 700 Kms, H = 02:27:10.7, V 185 Z, T 1.2, CGS: Islas Ratas, Aleutianas, 50.6 N, 177.9 E, M 6 3/4 - 7 (BRK), h = 51 Kms.-

30. eiXPn 21 10 (51.0) (C), i! 10 51.5, eiPb 10 54.3, iSn 11 08.4, iSn 11 09.2, eSb 11 11.5, FX 11 40, d = 135 Kms, H = 21:10:(33), V 155 Z, T 0.3, MC 3.7.-

31. ei!WZP 09 59 48.0 C, eiXP 59 48.3 C, iXPcP 10 00 07, iPP 02 42, i! 04 00, eiPPP 05 00, eiSKS 09 02, iS! 10 00, iPPS 11 10, eiSS 15 30, ei(SSS) 18 08, iML 20.0-26.0 (T 60-40), iMR 26.0-30.5 (T 36-24), iL 35.0 (T 22), iR 47.0 (T 22-20), F 14 00.0, P-azimut: N 46 E, d = 9 300 Kms, H = 09:47:38, V 726 Z, T 0.8, CGS: Grecia, 38.6 N, 22.4 E, M 6.3, h = 78 Kms, hubieron tres muertos 16 heridos y grandes daños materiales en Patras y Agrinion. Sentido al S de Italia.-

31. iXPg 14 00 11.5, iXSg 00 14.0, FX 01.0, d = 20 Kms, H = 14:00:07.3, V 776 Z, T 0.3, MC 3.0.-

G. Fiedler

E. de Gyomrey

G.N.

COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

Abril 1.965

1. iXPn 17 11 33.3 C, eiX 11 38.5 C, iPb 11 42.5, i!Pg 11 47.5, eiSn 12 07.0, iSb 12 20, i(Sg) 12 24, FX 14.0, d = 320 Kms, H = 17:10:49.1, V 356 Z, T 0.4, MC 3.7.-

1. eiXPg 19 27 11.0 C, eiSg 27 13.5, FX 27 30, d = 20 Kms, H = 19:27:07, V 156 Z, T 0.6, MC 2.4.-

1. eiWZP 21 32 09.6 D, eX 32 (22), eiPPP 36 20, e!S 41 36, i!ScS 42 16, e!SS 46 24, iSSS 48 48, ei! 51 30, eL 52.0-55.7 (T 60-36), iMR 55.6-62.8 (T 40-16), eiL y R 22 03.0-06.0 (T 16), F 24 30.0, R-azimut: SW-SSW, d = 8 200 Kms, H = 21:20:48, CGS: Cordillera de las Islas Pascuas. 50.0 S, 114.1 W, M = 5.3, h = 33 Kms.-

2. eiXPn 03 23 (54.5) (D), eiPg 24 11.5, ei!Sn 24 34, ei 24 44, eiSg 24 58, FX 25 50, d = 385 Kms, H = 03:23:01.0, V 356 Z, T 0.4, MC 3.9.-

2. iXPg 21 05 16.8 C, i!Sg 05 18.4, FX 06.0, d = 13 Kms, H = 21:05:14.1, V 265 Z, T 0.2, MC 3.2.-

3. eiWZP 11 26 56 C, eiX 27 (01.8), eiPPP 28 20, eiS 32 06, ei!SS 34 00, i!L 36.0 (T 40), iMR 37.5-40.0 (T 28-18), F en el sismo siguiente. R-azimut: NW-NNW, d = 3 400 Kms, H = 11:20:46, CGS: cerca costa Oaxaca, México, 16.0 N, 97.9 W, M 5.5, h = 16 Kms.-

3. eXP 11 35 (25), eiX 35 34.2, i!L 43.0-48.0 (T 40-22), iL y R 48.5-52.0 (T 20-18), F 13 25.0, R-azimut: NW-WNW, CGS: H = 11:29:13.0, Oaxaca, México, 16.1 N, 97.8 W, M 5.5, h = 45 Kms, d = 3 400 Kms.-

4. eiXPn 04 35 12.2 C, ei(Pb) 35 27.5, ei 35 35, eiSn 36 20, eiSn 36 24, i! 36 28, eiSb 36 55, eiSg 37 15, FX 40 30, P-azimut: SW-WSW, d = 735 Kms, H = 04:33:29, CGS: N de Colombia, 6.9 N, 73.0 W, M 4.0, h = 167 Kms.-

4. eiXP 13 44 12.7 C, eiPP 48 20, e 51 36, e 53 10, eiSKS 54 40, eiS 56 00, eiPS 57 32, ei!SS 14 02 48, ei(SSS) 08 00, eiL 14.0-18.0 (T 60-30), eiR 18.0-23.0 (T 54-30), iMR 25.0-27.3 (T 24-20), iR 33.0 (T 16), F 15 28.0, R-azimut: NW, d = 11 000 Kms, H = 13 30 32, CGS: Islas Ratas, Aleutianas, 51.9 N, 175.2 E, M 5.7, h = 40 Kms.-

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4. eXPn 13 50 (39.5 D), eiSn 52 14, FX 54.0.-

4. eWZPP 15 55 (30), eiWZ 56 20, eiSKS 16 01 26, eiSKKS 02 32, ei!PS 05 06, iPKKP 05 34, eiSS 11 24, eSSS 16 16, eiL 30.0 (T 40), eiR 31.0 (T 24), iR 34.5-39.6 (T 20-18), iR 52.0 (T 16), F 18 03.0, d = 12 600 Kms, H = 15:36:00, CGS: S de las Islas Fiji, 26.9 S, 176.1 W, M 5.6, h = 33 Kms.-

4. iWZXP 20 14 09.7 C, iWZXPP 14 36, ei!WZS 17 46, iPcP 18 16, i!SS 18 46, eiL y R 19.0-24.0 (T 46-16), FX en el sismo siguiente. P-azimut: S 32 W, d = 2 350 Kms, H = 20:09:43.7, V 455 Z, T 0.5, CGS: reg. frontera Perú-Brasil, 8.8 S, 74.5 W, M 5.3, h = 143 Kms.-

4. eiXP 20 34 02.8 D, iGZPP 34 17, eiS 36 00, eiSS 36 19, F está cubierto por las ondas del sismo anterior. d = 1 200 Kms, H = 20:31:40, CGS: Colombia, 4.9 N, 76.1 W, M 4.9, h = 102 Kms, sentido en Bogotá, Cali y Pereira.-

5. eiWZXP 03 25 21.6 D, eipP 26 00, ePP 28 36, eiSKS 35 30, iS 35 56, eiPS 36 36, eiPPS 37 22, eiSS 41 00, e(SSS) 45 00, eiL 49.0 (T 50), eiL 51.0 (T 36), eiR 54.3-60.0 (T 32-24), eiL 04 05.0-07.0 (T 20), F 05 25.0, R-azimut: ENE, d = 9 200 Kms, H = 03:13:13, V 356 Z, T 1.0, CGS: S de Grecia, 37.7 N, 21.8 E, h = 34 Kms, M 5.7, 20 muertos, 200 heridos y 2 000 casas destruidas en el Peloponneso Central.-

5. eXWZ(PKP) 06 41 (12.0), ei(PPS) 58 40, eL 07 23.0 (T 50), eR 29.0-32.0 (T 40-28), eiMR 34.0-37.0 (T 24-20), eiR 39.2-42.0 (T 20), F 56.0, V 366 Z, T 1.2, CGS: H = 06:21:34.2, Mar Bismarck, 3.2 S, 148.4 E, M 5.0, h = 10 Kms, d = 16 500 Kms.-

5. eiWZPS 14 21 27.0, e!SS 27 36, eL 39.0-41.0 (T 60-48), eiL 44.6-47.0 (T 40-36), eiR y L 52.0-60.0 (T 34-24), eiR 15 04.0 (T 20), F 16 00.0, d = 13 200 Kms, CGS: H = 13:52:13.4, reg. Islas Kuriles, 44.6 N, 151.1 E, M 5.7.-

6. eXWZPKP1 10 02 32.6 D, eiXWZPKP2 03 (42.0), eXSKP 06 37, eXPP 07 40, eiSKS 09 12, ei!PPP 11 30, eiPSKS 18 00, iSS 28 32, ei!SSS 34 30, eiL 41.5 (T 48), eiML 11 02.0-10.0 (T 48-28), eiL y R 18.0-23.0 (T 28-20), eiL y R 24.5-29.2 (T 22-20), F 12 30.0, R-azimut: NW-WNW, d = 18 700 Kms, H = 09:42:22.0, V 226 Z, T 1.0, CGS: N de Célebes, 0.5 S, 119.9 E, M 5.3, h = 33 Kms.-

6. eX(Pg) 10 32 47.6 D, iXSg 32 50.5, FX 33 50, V 446 Z, T 0.3, sentido en Caracas con 2.0-3.0 MCS.-

6. eiXP 16 59 25.5 C, iXP 59 26.0 D, FX 17 00.0, V 256 Z, T 0.7, CGS: H = 16:53:58, cerca costa de Chiapas, México. 14.2 N, 92.6 W, M 5.0, h = 57 Kms, d = 2 900 Kms.-

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6. eXP 19 25 (52.0 C), i!PP 26 12, i!PPP 26 37, eiS 29 04, eWZL y R 31.5-33.5 (T 30-16), F 38.0, d = 1 950 Kms, H = 19:21:58, V 516 Z, T 0.5, CGS: reg. frontera Ecuador-Perú, 3.1 S, 78.2 W, M 5.0, h = 97 Kms.-

6. eiXPg 22 11 30.5 (C), iSg 11 33.4, FX 12.0, d= 23 Kms, H = 22:11:26.0, (V 666 Z, T 0.3).-

7. eXPn 04 05 26.0, eiX(Pb) 05 52, iSn 06 45, eiSn 06 50, ei 07 20, F 08.0, d = 830 Kms, H = 04:03:30.-

7. eX(Pn) 10 12 54.3 C, ePb 13 17, ei 13 38, ei!(Sn) 14 11.5, eiL 15 29, FX 17.0, (V 206 Z, T 0.6), d = 810 Kms, H = 10:11:02.-

7. eiWZR 05 05.0-13.0 (T 40-16), F 25.0, CGS: H = 04:16:47, S de Grecia, 37.7 N, 22.5 E, M 4.9, h = 70 Kms, d = 9 350 Kms.-

8. iWZP 00 07 42.0 C, iX 07 42.0 D, eipP 07 44.0 C, iPP 08 10.5, eS 11 56, iS 12 06, eL y R 13.2-16.0 (T 44-24), iMR 16.3-18.2 (T 18-12), F 30.0, d = 2 700 Kms, H = 00:02:40, V 406 Z, T 1.0, CGS: frente costa N del Perú, 8.3 S, 80.1 W, M 4.3, h = 33 Kms.-

8. eX(SKS) 02 21 (06.5), FX 23.0, CGS: H = 01:57:53.8, Islas Ratas Aleutianas, 50.2 N, 178.5 E, M 4.9, h = 29 Kms, d = 10 350 Kms.-

8. eiXP 13 57 42.2 D, iWZSKKS 14 09 04, ePS 10 44, eiPPS 11 56, eiSS 16 00, eiSSS 21 20, eiL 24.5-28.0 (T 72-54), iML 28.0-34.0 (T 52-30), iMR 32.5-39.2 (T 34-24, iR 42.7-46.0 (T 20-18), F 16 54.0, R-azimut: NW, d = 11 250 Kms, H = 13:44:00, V 256 Z, T 1.0, CGS: cerca Islas Near, Aleutianas, 52.2 N, 173.5 E, M 5.4, h = 46 Kms.-

9. iX 08 24 53.4 C, i 25 30.5, ei(Sn) 26 41.0, FX 28 45, V 206 Z, T 0.7.-

9. eWZPP 11 04 (50.0) (C), ei(SKS) 10 48, i(SKKS) 11 58, i!PPS 14 52, ei(SSS) 24 48, eL 39.0 (T 36), iR 44.0-48.5 (T 20-18), iR 49.7-60.3 (T 18-16), R-azimut: NW, d = 11 200 Kms, H = 10:46:22, CGS: Islas Ratas, Aleutianas, 50.4 N, 178.1 E, M 4.3, h = 12 Kms.-

9. eiWZR 18 58.0-65.0 (T 38-16), F 20.0, CGS: H = 18:20:01.5, Cordillera de las Islas Pascuas, 54.8 S, 118.4 W, M 4.2.-

9. eXPKP1 23 12 56.4 C, iPKP2 13 17, eSKP 16 48, eSKKS 23 32, ePSKS 28 00, eiSS 37 30, eiSSS 44 40, eL y R 24 02.0-14.0 (T 40-26), eiR 27.5-31.0 (T 24-20), F en el sismo siguiente. CGS: H = 22:52:24.3, reg. W de Nueva Guinea, 4.2 S, 134.1 E, M 5.6, h = 33 Kms, d = 17 800 Kms, V 446 Z, T 1.5.-

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9. iXWZP 24 09 36.3 C, iX 10 20, iWZSKS 19 53, iS 20 20, iPS 21 00, iPPS 22 00, eiSS 25 48, ei!PKKP 27 36, ei!L 32.0 (T 70), eiMR 37.5-41.5 (T 52-24), eiR 47.0-50.0 (T 22-18), F 02 30.0, R-azimut: NE, d = 9 600 Kms, H = 23:57:01.3, V 566 Z, T 0.9, CGS: Creta, 35.1 N, 24.3 E, M 5.0, h = 51 Kms, sentido en El Cairo, Egipto.-

12. eiXWZP 19 43 47.6 D, ePP 45 18, ei!PcS y S 49 30, i! 49 50, ei!SSS 52 32, eL 53.0-55.0 (T 40-36), eiMR 56.2-60.0 (T 36-20), eiR 20 03.0-05.0 (T 20-18), F 40.0, R-azimut: SW, d = 4 100 Kms, H = 19:36:42, V 696 Z, T 0.9, CGS: cerca costa N de Chile, 26.5 S, 70.8 W, M 5.4, h = 52 Kms.-

12. eiWZSKKS 20 52 28, eiPS 55 00.0, iPKKP 55 28, e(SSS) 21 06 30, eL 20.0 (T 40), eR 25.0-28.0 (T 20), eiMR 29.5-36.0 (T 18-16), F en el sismo siguiente. CGS: H = 20:26:15.3, S de las Islas Kermadec, 32.3 S, 178.5 W, M 5.9, h = 167 Kms, d = 12 700 Kms.-

12. ei!X 21 02 30 D, iX 02 35.1, FX 03 50, V 105 Z, T 0.8.-

13. eXP 04 49 (50.0) D, ei(PP) 50 14.5, F 52.0, V 406 Z, T 0.4, CGS: H = 04:46:43, Costa Rica, 9.7 N, 84.4 W, M 4.0, h = 33 Kms.-

13. eiX(P) 18 24 46.0 (D), FX 25 20, V 326 Z, T 0.7.-

14. eiXPg 04 10 08.4 C, i!Sg 10 09.0, FX 10 20, reg. Caracas, no sentido, d = 5 Kms, H = 04:10:07.1, V 115 Z, T 0.3, MC 2.6.-

14. eXP 07 47 (50.0) (D), FX 48 00.0, V 166 Z, T 0.9, CGS: H = 07:35:39.4, reg. Islas Kodiak, 56.3 N, 153.5 W, M 5.0, h = 27 Kms.-

14. eWZ(P) 08 32 22.0 D, eiX(P) 32 24.4 C, ei!X 32 42.5, eiWZ 33 00, eWZ 33 18, eiL y R 34.2-36.0 (T 14), F 45.0, V 156 Z, T 0.8.-

14. eWZPn 08 52 (30.5 D), ei(Pg) 52 47, ei 53 06.5-07.5, i!Sn 53 16.5, e! 53 32, eiSb 53 37, eiSg 53 50, FX 54 30, d = 480 Kms, H = 08:51:23.5, V 166 Z, T 0.5, MC 3.8.-

14. e!XPg 21 13 59.5 D, eiX 14 01.0, i!Sg 14 02.0, i 14 05, FX 14 45, P-azimut S 47 E, d = 20 Kms, H = 21:13:55.5, V 105 Z, T 0.4, MC 2.8.-

15. eX(Pb) 00 09 (48.0) (D), iPg 09 51.0, eiSb 09 53.5, FX 10 25.0.-

15. eiXPn 01 23 28.8 D, eiXPb 23 45, i 24 38, ei!Sn 24 41.0, eiSn 24 44.5, iSb 25 14, ei!Sg 25 37, FX 29.0, d = 760 Kms, H = 01:21:41.6, V 276 Z, T 0.8, MC 4.5, CGS: N de Colombia, 6.9 N, 73.0 W, M 5.0, h = 161 Kms.-

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15. eiX(Pg) 02 04 28.4, FX 05.0, V 256 Z, T 0.5.-

15. eiXPb 05 29 02.8 C, iXPg 29 04, i!XSg 29 10.5, ei 29 25.0, FX 31.0, P-azimut:(NW), d = 50 Kms, H = 05:28:56.5, V 726 Z, T 0.8, MC 3.1.-

15. eX(Sn) 17 01 08.0, FX 02.0.-

15. eiWZL y R 23 10.0-20.0 (T 60-30), iMR 26.0-30.3 (T 24-22), iR 34.5-36.5 (T 18), F 24 30.0, CGS: H = 22:09:52, Cresta Indico SE, 50.2 S, 113.4 E, M 5.1, h = 33 Kms, d = 16 000 Kms.-

16. eiWZR 01 07.8-12.5 (T 36-20), eiR 17.0 (T 18), F 02 10.0, CGS: H = 00:15:52, reg. Islas Tonga, 22.3 S, 175.5 W, M 4.8, h = 120 Kms, d = 12 500 Kms.-

16. eXWZP 23 34 40.5 D, iWZPcP 34 48, eiWZPP 37 50, i!S 45 00, eiPS 45 40, ei!SS 50 20, ePKKP 53 30, eiSSS 53 40, eiL y R 56.6-65.0 (T 72-26), iMR 24 07.5-17.0 (T 24-16), F en el sismo siguiente, R-azimut: N-NNW, d = 9 100 Kms, H = 23: 22:15.5, V 686 Z, T 1.7, CGS: Alaska Central, 64.7 N, 160.1 W, M 5.8, h = 5 Kms, sentido en la cercania de Norton Sound.

18. eXP 04 41 03.6 D, ei 42 20.5, FX 44 15, CGS: H = 04:26:43, reg. Islas Fiji, 21.9 S, 179.7 W, M 3.9, h = 598 Kms, d = 12 900 Kms.-

18. eX(P) 05 39 (33.0), FX 40 40.-

18. eXP 06 44 12.5, eiWZP 44 14.8 C, iPP 46 30, eiPPP 48 04, ei!S 52 36, eiPS 53 00, eiScS 54 08-28, eiSS 56 30, eiSSS 59 00, eiMR y L 07 03.0-11.0 (T 60-24), iR 13.0-15.0 (T 20-16), F 08 00.0, R-azimut: NW, d = 6 900 Kms, H = 06:34:02.5, V 596 Z, T 1.7, CGS: frente costa N de California, 41.5 N, 127.1 W, M 6.0, h = 20 Kms.-

18. ei!XWZP 09 51 10.3 C, ei 53 02, eiXPP 54 06, eiPPP 56 20, eiS 10 01 06, iPS 01 46, eiL 06.0 (T 60), ei!L 13.0-23.0 (T 60-22), iMR 20.7-26.0 (T 28-20), iR 26.0-30.0 (T 20-18), F en el sismo siguiente. R-azimut: SE, d = 8 700 Kms, H = 09:38:50.3, V 296 Z, T 0.8, CGS: reg. Sur de las Islas Sandwich, 59.8 S, 26.8 W, M 5.9, h = 29 Kms.-

18. eiXP 12 53 47.3 D, iWZP 54 26, ei 55 16, ei!SKS 13 03 32, ei!ScS 04 20, i!(PS) 04 56, ei!SS 08 56, eSSS 12 00, eiL 15.0-20.0 (T 60-22), iMR 19.0-28.5 (T 40-20), iR 28.5-32.6 (T 20), iR 34.0 (T 16), F 16 10.0, R-azimut: SE, d = 8 700 Kms, H = 12:41:57.3, V 186 Z, T 0.9, CGS: reg. S de las Islas Sandwich. 59.7 S, 26.4 W, M 6.0, h = 25 Kms.-

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19. eiXPKP 24 01 (04.6) D, eWZPKP 01 12 D, eiPP 03 24, eSKP 04 28, eSKKS 10 10, ei(PSKS) 13 00, eiPPS 15 00, eSS 20 00, ei SSS 25 48, eL 34.0-37.0 (T 60), eiML 38.0-43.0 (T 56-40), eiMR 46.6-51.0 (T 36-24), eiR 57.0 (T 20), F 26 10.0, R-azimut: NW-NNW, d = 14 500 Kms, H = 23:41:54, V 136 Z, T 0.8, CGS: cerca costa Honshú, Japón, 34.9 N, 138.0 E, M 5.6, h = 36 Kms.-

20. eiXPg 16 47 37.2 C, i!Sg 47 40.4, FX 48 20, d = 25 Kms, H = 16:47:32.4, V 616 Z, T 0.4, MC 3.0.-

20. iXPg 22 54 37.0 D, iSg 54 37.5, FX 54 45, d = 4 Kms, H = 22:54:35.8, V 665 Z, T 0.2.-

22. iXPn 01 41 34.0 D, eiPb 42 58, (ei! 42 28), i!Sn 42 52.4, eiSb 43 36, FX 46.0, d = 780 Kms, H = 01:39:57, V 276 Z, T 0.7, MC 4.5, CGS: N de Colombia, 6.7 N, 73.7 W, h = 178 Kms.-

22. iXPg 22 03 59.4 C, eiXSg 04 01.5, FX 04 30, d = 9 Kms, H = 22:03:57.4, V 135 Z, T 0.3, MC 2.6.-

22. eXP 22 18 (27.3), eiS 22 12, eiWZ(SS) 23 40, eL 27.0-30.0 (T 22-10), F 37.0, CGS: H = 22:18:54.7, N del Perú, 5.6 S, 78.6 W, M 5.1, h = 18 Kms, d = 2 300 Kms.-

Nota: Cambio de las constantes en el equipo VELA-LP:

T_o = 15 seg., V = 6 000.-

23. iXPg 19 54 02.8 D, iSg 54 05.8, FX 54 23.0, P-azimut: N 135 W, d = 25 Kms, H = 19:53:58, V 756 Z, T 0.5, MC 3.0, reg. Caracas, no sentido.-

24. eWE(SKS) 00 29 52, eiWZ(PS) 33 45, e(SS) 39 25, e(SSS) 43 13, e 44 49, MR 01 10.5-15.0 (T 18), F 50.0, d = 12 800 Kms aprox., H = 00:04:27, CGS: Sur de las Islas Kermadec, 32.8 S, 178.4 W, M 4.7, h = 33 Kms.-

24. iX(PKP) 08 22 13.6, e(PP) 27 29, ML 09 24.0 (T 30), V 346 Z, T 0.8, d = 16 900 Kms aprox., H = 08:02:33, CGS: reg. Islas Filipinas, 19.2 N, 121.2 E, M 5.0, h = 43 Kms.-

24. iWZXPKP 22 15 00.0 C, ei 15 50, iPP 17 14, ePPP 20 07, e(S) 25 14, e(SS) 33 15, eSSS 39 50, eR 23 04.6 (T 40), MR 15.0 (T 22), MR 19.0 (T 20), F 24 16.0, V 135 Z, T 0.9, d = 16 400 Kms, H = 21:55:20, CGS: W de las Islas Carolinas, 11.4 N, 140.1 E, M 5.7, h = 59 Kms.-

25. eXPKP 01 19 27.0, iWZSKP 22 59, iSKKS 28 25, eiSS 40 00, MR 02 08.0-14.0 (T 39-20), F en el sismo siguiente. d = 15 200 Kms, H = 01:00:07, CGS: reg. Islas Volcano, 24.5 N, 142.7 E, M 5.6, h = 15 Kms.-

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25. iXPg 12 20 06.5 C, iSg 20 08.3, FX 20 25.0, P-azimut: N 116 W, d = 15 Kms, H = 12:20:04, V 505 Z, T 0.1, MC 3.6, reg. Caracas, no sentido.-

25. MR 22 05.5-11.0 (T 28-22), MR 11.9 (T 20), F 23 00.0, CGS: H = 21:45:54.1, reg. S de las Islas Sandwich, 56.1 S, 27.3 W, h = 33 Kms.-

26. eiXP 02 08 41.0 C, ePP 11 22, ePPP 13 34, iSKS 18 18, ePS 19 35, eiSS 23 32, eiSSS 27 41, eL 28.0 (T 70), eL 31.0 (T 40), ML y R 40.0 (T 20), F 03 08.0, d = 8 250 Kms, H = 01:57:14, V 286 Z, T 0.9, CGS: Golfo de Alaska, 58.9 N, 142.7 W, M 5.3, h = 33 Kms.-

26. i!WZP 08 42 40.0 C, i!WZXP 42 40.3 D, e(PP) 43 17, e 44 00, eiS 45 41, eL y R 47 44, F 55.0, P-azimut: N 135 W, d = 1 800 Kms, H = 08:39:10, V 175 Z, T 1.6, CGS: Ecuador, 1.3 S, 77.8 W, M 4.8, h = 193 Kms.-

26. eiWZPKP1 10 07 29.0 D, ePKP2 08 24, eiPP 12 07, ei 13 37, ePPP 16 00, eiPSKS 22 32, ei(PPS) 25 50, eSS 33 20, eL 33 20, MR 11 06.0 (T 33), MR 12.0 (T 24), F en el sismo siguiente. d = 18 700 Kms, H = 09:47:14, CGS: Mar Molucas, 1.7 S, 126.6 E, M 5.7, h = 15 Kms.-

26. eX(Sn) 11 03 48, eX 04 31, FX 05 20, (V 306 Z, T 0.6).-

26. eiXP 20 41 37.1 C, e(PPP) 46 41, eiSKS 52 00, iS 52 24, eiSS 58 38, ei(SSS) 21 03 18, MR 13.0-20.2 (T 30-20), F 50.0, V 436 Z, T 1.4, d = 9 800 Kms, H = 20:28:57.1, CGS: Península de Alaska, 54.5 N, 162.6 W, M 5.9, h = 53 Kms.-

26. iXPKP 22 35 23.5 C, i!XPKP 35 26.0 C, ei 36 32, ei 37 36, eiSKP y PP 39 00, eiPPP 42 15, iSKKS 45 40, i 46 52, ei 50 28, ei(SS) 56 12, ei 23 03 20, ML 23 28.6 (T 38), ML 37.0-43.0 (T 24-22), F 24 10.0, V 105 Z, T 1.0, d = 16 500 Kms, H = 22:15:41.5, CGS: reg. Taiwan, 21.1 N, 120.7 E, M 5.9, h = 33 Kms.-

27. iXPn 07 23 22.8 D, iSn 24 16, iSb 24 28, iSg 24 48, F 50.0, V 165 Z, T 0.6, MC 4.6, P-azimut: WSW-W, d = 530 Kms, H = 07:22:08, CGS: cerca costa de Venezuela. 10.1 N, 62.1 W, M 4.6, h = 58 Kms.-

27. iWZPKP1 11 14 23.9 C, eiPKP2 15 16, eiPPP 23 30, iSKKS 25 30, i 26 26, iPSKS 29 13, iPPS 32 25, eiSS 40 00, eL 12 00.0 (T 40), F en cambio de gráficas. d = 18 600 Kms, H = 10:54:14, CGS: Mar Banda, 7.0 S, 129.5 E, M 5.9, h = 67 Kms.-

27. eiWZP 14 21 36.2 D, iS 31 55, eiPS 32 57, eiPPS 33 36, ei(SS) 37 16, MR 15 00.3 (T 20), F en el sismo siguiente. d = 9 500 Kms, H = 14:09:06, CGS: Creta. 35.7 N, 23.5 E, M 5.5, h = 50 Kms.-

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27. MR 15 35.6-42.0 (T 30-17), F 16 00.0, CGS: H = 14:47:35, S de las Islas Fiji, 24.1 S, 179.5 W, M 4.3, h = 405 Kms.-

27. i!WZP 20 13 51.0 D, iWZXP 13 54.6 C, iPP 14 31, ei 15 16, i!S 17 40, iPcP 18 17, iSS 18 38, MR 20.0-21.8 (T 40-20), MR 22.2 (T 19), F 22 10.0, V 286 Z, T 0.9, P-azimut: W-WSW, d = 2 350 Kms, H = 20:09:21, CGS: frente costa del Ecuador, 1.5 N, 85.2 W, M 5.5, h = 33 Kms.-

28. eiWZXP 09 47 (32), ePcP 50 58, eSS 54 (14), eL 55 (44), MR 58.2 (T 17), F 10 02.0, CGS: H = 09:42:10.2, cerca costa del Perú, 14.2 S, 76.2 W, M 4.3, h = 73 Kms, d = 3 100 Kms.-

28. eR 21 35.5 (T 24), eR 41.6 (T 20), F 58.0.-

29. iWZXP 08 15 44.0 C, iS 19 29, eiSS 20 30, eL 21.4 (T 40), eL y R 22.5 (T 20), F 40.0, V 546 Z, T 1.2, d = 2 350 Kms, H = 08:11:19, CGS: frente costa del Ecuador, 1.6 N, 85.2 W, M 4.9, h = 33 Kms.-

29. eiWZXP 15 38 39.8 D, iWZXP 38 40.0 C, i 38 58, iPP 41 08, iPPP 42 18, i 42 25, iS 46 42, iPS 47 04, iScS 48 13, eiSS 51 (00), eL 58.3 (T 40), MR 16 05.0 (T 20), F 19 40.0, V 805 Z, T 1.0, P-azimut: N 45 W, d = 6 600 Kms, H = 15:28:44, CGS: Washington. 47.4 N, 122.4 W, M 6.5, h = 57 Kms, dos muertos, algunos heridos y daños materiales moderados en la área Seattle. Sentido en Oregón, Idaho, Montana, Columbia Británica y Vancouver.-

29. iXPKP1 16 08 09.5 D, iPKP2 09 46.6 D, FX 40.0, V 466 Z, T 0.9, CGS: H = 15:48:57.1, 5.6 S, 110.2 E, M 6.0, h = 504 Kms, d = 20 000 Kms.-

30. eZXXPn 04 27 01.0, eiPg 27 14, eiSn 27 31, iSg 27 55, FX 29 00, V 306 Z, T 0.3, MC 3.6, d = 290 Kms, H = 04:26:21.-

30. eiXPn 11 46 35.8 (D), iPb 46 50, iSn 47 27, iSb 47 43, iSg 48 06, FX 59.0, P-azimut E, V 966 Z, T 0.5, MC 4.6, d = 550 Kms, H = 11:45:18, sentido en Trinidad con 4 MCS. CGS: cerca costa de Venezuela. 10.9 N, 62.4 W, M 5.0 h = 86 Kms.

G.Fiedler

E. de Gyomrey

G.N.

COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

Mayo 1.965

1. eiWZXP 02 09 52.8, ePP 12 36, ePPP 14 24, eiS 19 24, e 21 26, eSS 24 26, eL 32.8 (T 40), eR 43.5 (T 20), MR 46.1 (T 17), F 03 10.0, V 206 Z, T 1.1, R-azimut NW, d = 8 500 Kms, H = 01:58:13, CGS: S de Alaska, 60.4 N, 145.9 W, M 4.6, h = 13 Kms.-

1. eXPKP 13 22 17.0, e(SKP) 26 55, eR y L 14 08.0 (T 40), MR 14.7 (T 30), eR 19.6 (T 20), F 30.0, V 196 Z, T 0.8, d = 16 100 Kms, H = 13:02:47, CGS: S de las Islas Marianas. 12.3 N, 143.7 E, M 5.1, h = 5 Kms.-

1. iXPn 16 37 21.2 D, iPb 37 33, iSn 38 28, iSn 38 37, iSb 38 54, FX 46.0, P-azimut: N 118º W, V 756 Z, T 0.8, MC 4.7, d = 710 Kms, H = 16:35:41, CGS: N de Colombia, 6.8 N, 72.8 W, M 4.9, h = 167 Kms.-

1. iWZXP 21 39 41.9 C, eiS 49 18, eiSS 54 16, eL 22 04.0 (T 35), ML 08.0 (T 25), MR 13.0 (T 20), MR 16.0 (T 19), F 36.0, R-azimut NW, d = 8 400 Kms, H = 21:28:06, V 436 Z, T 1.1, CGS: S de Alaska, 60.4 N, 146.0 W, M 5.3, h = 33 Kms.-

1. eXP 23 49 13.2 D, FX 50 10, CGS: H = 23:45:31.5, Ecuador. 1.7 S, 77.9 W, M 3.9, h = 167 Kms, d = 1 200 Kms.-

2. iWZXP 05 53 44.1 C, eS 58 30, e(SS) 06 00 00, eR 06.8 (T 14), F 12.0, V 276 Z, T 0.8, d = 3 400 Kms, H = 05:47:36, CGS: N de Chile, 19.8 S, 69.5 W, M 5.5, h = 117 Kms.-

2. eWZSS 07 55 20, eSSS 08 01 19, ei 07 26, eL 16.0 (T 50), ML 19.6 (T 34), ML y R 34.9 (T 20), F 09 25.0, CGS: H = 07:13:42, Islas Ryukyu, 28.9 N, 128.9 E, M 5.0, h = 30 Kms, d = 16 000 Kms.-

2. eX 10 33 48, FX 34 30.-

3. iXP 01 17 22.8 D, iXP 17 25, i!PcP 19 07, iS 23 39, eL y SS 26.6 (T 30), eR 32.5 (T 30), F 02 10.0, P-azimut: SSW, d = 4 550 Kms, H = 01:09:44, V 145 Z, T 1.0, CGS: reg. frontera Chile-Argentina. 32.5 S, 70.6 W, M 5.6, h = 77 Kms, fue sentido.-

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3. eiXP 10 06 28.7 C, i!XP 06 34.4 D, iPPP 07 16, ei 08 39, iS 10 30, iSSS 12 08, ML y R 13.5 (T 24), F 12 25.0, P-azimut WNW-W, d = 2 550 Kms, H = 10:01:39, V 115 Z, T 1.0, cerca de San Salvador, 13º36'.6 N, 89º02'0 W, M 6.1, h = 8 Kms, 125 muertos, unos 4 000 heridos, fueron destruidas o dañadas 4 000 casas en San Salvador, Distrito Cisneros, San Marcos y Santo Tomás. Destrucciones fatales en casas de Bajareque viejo.-

3. iXP 16 15 46.2 D, iPPP 17 11, eiS 21 03, e(PcS) 22 10, eiSSS 23 28, eL 26.2 (T 44), M(R) 30.5 (T 16), F 53.0, R-azimut SW, d = 3 600 Kms, H = 16:09:16, V 105 Z, T 0.9, CGS: reg. frontera Chile-Argentina, 24.2 S, 67.8 W, M 5.6, h = 114 Kms.-

3. eXPn 22 50 23.0, eiSn 51 42, eiSb 52 22, FX 55.0, d = 850 Kms, H = 22:48:20, V 156 Z, T 0.6, MC 4.4.-

4. MR 09 40.0-45.9 (T 25-20), F 10 20.0, CGS: H = 08:34:39.8, reg. frontera de Kirgiz-Sinkiang. 41.7 N, 79.4 E, M 5.7, h = 6 Kms, d = 13 500 Kms.-

4. eiXPg 21 06 40.7 C, iSg 06 43.0, FX 06 58, d = 20 Kms, H = 21:06:37, V 115 Z, T 0.3, MC 3.1, reg. Caracas, no se sintió.-

5. eWZXP 09 19 53, ePcP 22 56, eSS 26 32, eR 29.0-31.0 (T 30-18), F 35.0, d = 3 150 Kms, H = 09:14:07, CGS: Perú, 13.9 S, 75.9 W, M 4.7, h = 94 Kms.-

6. iWZPKP 14 43 30 C, i!WZXPKP 43 30.9 D, eiPP 46 56, eiSKS 50 57, eSKKS 53 56, ei 54 23, e(S) 55 20, ePSKS 57 00, ePPS 59 26, eSS 15 06 00, eR 35.0-40.0 (T 30-24), F 16 28.0, d = 16 250 Kms, H = 14:24:00, V 115 Z, T 0.8, CGS: reg. Nueva Bretaña, 6.1 S, 149.1 E, M 6.0, h = 74 Kms.-

6. eiXPg 20 16 28.2, iXSg 16 29.6, FX 16 45, V 115 Z, T 0.3, MC 3.1, reg. Caracas, prob. explosión.-

7. iWZXP 24 02 43.3 D, iPP 03 41, i 07 40, i!S 08 26, i(SS) 09 41, eL 13.0 (T 40), MR 16.8 (T 12), F 52.0, R-azimut SSW, d = 3 650 Kms, H = 23:56:18, V 406 Z, T 0.9, CGS: N de Chile, 22.2 S, 68.5 W, M 5.5, h = 84 Kms, fue sentido.-

8. eWZXP 03 25 21.8 D, iXP 25 26.1 C, F 33.0, CGS: H = 03:05:38.5, Luzón, Islas Filipinas, 18.4 N, 120.4 E, M 5.6, h = 56 Kms, d = 17 000 Kms.-

8. eiX 08 43 41.5, FX 45.5.-

8. iWZXP 11 40 17.2 D, ePPP 41 58, eiS 46 08, eSS 48 23, eSSS 49 00, eiSSS 49 19, eR y L 54.0-60.0 (T 30-20), MR 58.8 (T 20), F 12 30.0, R-azimut S, d = 4 350 Kms, H = 11:32:55, V 426 Z, T 1.0, CGS: cerca costa N de Chile, 28.0 S, 70.8 W, M 5.4, h = 35 Kms, Sentido en La Serena.-

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8. eXPn 22 35 (19.6), e 35 53, e(Sn) 36 06, ei 36 53, MR 37 34 (T 16), F 50.0, d = 550 Kms aprox., H = 22:34:(09).-

9. iWZXP 14 14 49.6 C, iS 17 54, eiSS 18 41, iL 18.8 (T 42), iR 20.7 (T 22), iL y R 22.1 (T 24), F 50.0, R-azimut WSW-W, d = 1 900 Kms, H = 14:11:10, V 646 Z, T 1.3, CGS: S de Panamá, 6.5 N, 82.5 W, M 5.1, h = 56 Kms.-

9. eWZXP 20 02 49.0 C, i!XP 02 53.0 D, iXPP 03 01, eiS 05 52, iXS 06 11, iX(S) 06 13, eiSS 06 56, eR 07.0 (T 40), eR 09.2 (T 20), F 14.0, d = 2 000 Kms, H = 19:58:59, V 956 Z, T 0.7, CGS: reg. frontera Perú-Ecuador, 2.9 S, 77.4 W, M 4.8, h = 108 Kms.-

10. eXPn 03 54 13.5, eiSn 55 27, FX 58.5, d = 780 Kms aprox., H = 03:52:28, V 176 Z, T 0.6, CGS: N de Colombia, 6.8 N, 73.1 W, M 3.9, h = 167 Kms.-

11. eiWZXP 01 03 20 C, ePcP 06 54, iS 07 30, eiSS 09 18, eL 09.6 (T 30), MR 13.4 (T 11), F 29.0, R-azimut WSW, d = 2 600 Kms, H = 00:58:15, V 306 Z, T 1.2.-

11. eiXPn 08 08 48.0, ei(Pb) 09 00, iSn 10 16, iSb 10 38, iSb 10 48, FX 14.0, d = 880 Kms, H = 08:06:45, V 306 Z, T 0.4, MC 4.7, CGS: reg. Puerto Rico, 19.1 N, 65.2 W, M 4.2, d = 68 Kms.-

11. eiWZXP 17 49 43.1 C, eiPP 52 42, eiS 59 38, eiScS 18 00 06, eiPS 00 30, eiSS 04 34, eL 11.4 (T 50), ML 13.6 (T 34), MR 21.7 (T 26), MR 25.4 (T 20), F 41.0, R-azimut NW, d = 8 950 Kms, H = 17:37:38.1, V 356 Z, T 0.9, CGS: 61.4 N, 149.6 W, M 5.5, h = 58 Kms, S de Alaska, sentido en la área de Anchorage.-

12. ML 09 56.7-58.1 (T 22-14), MR 59.1 (T 11), F 10 08.0, CGS: H = 09:42:37, frente costa del Perú, 13.9 S, 77.1 W, M 4.6, h = 20 Kms, d = 3 050 Kms.-

12. iXPKP1 10 54 21.9 C, iPKP2 55 04, i!SKP 58 04, i!(PP) 58 45, i! 11 04 36, i!SKKS 05 30, iPSKS 08 53, iPPS 12 17, i(SS) 19 09, eiSSS 24 36, MR 50.0 (T 50), MR 12 04.9 (T 22), MR 08.7 (T 20), F en cambio de gráficas. d = 18 600 Kms, H = 10:34:02, V 305 Z, T 1.8, CGS: Mar Banda, 6.2 S, 130.3 E, M 5.7, h = 125 Kms, sentido en Darwin.-

12. eiWZXP 19 41 45.2 D, iXP 41 45.4 D, i!S 47 17, eiPcS 48 02, eSS 49 12, eiL 49.9 (T 40), MR 55.4 (T 20), MR 58.5 (T 14), F 20 13.0, d = 3 500 Kms, H = 19:35:33, V 125 Z, T 0.6, CGS: S de Bolivia, 21.9 S, 65.9 W, M 5.1, h = 283 Kms.-

12. eWZPKP 23 16 (38), eSKP 20 11, ePPP 21 10, eSKS 23 48, eSKKS 25 12, e 27 20, eSS 35 16, eR y L 24 10.5 (T 28), MR 14.6 (T 19), F 50.0, d = 14 000 Kms aprox., H = 22:57:33.-

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13. eWZXPn 00 10 27.0 C, ei 10 38, i!Pb 11 00, eiSn 12 07, iSn 12 18, i(Sb) 12 27, FX 16.0, d = 1 000 Kms, H = 00:08:12, V 186 Z, T 0.7, CGS: reg. Puerto Rico, 19.6 N, 65.4 W, M 4.7, h = 30 Kms.-

13. eWZXP 02 28 45.0, i!XP 28 45.5 C, iS 32 58, ei 33 08, eiL 35 52, eR 42.7 (T 12), F 51.0, P-azimut SSE, d = 3 200 Kms, H = 02:23:45, V 115 Z, T 0.7, CGS: S de Bolivia, 19.3 S, 63.8 W, M 5.1, h = 589 Kms.-

13. eWZXP 04 15 36.5, i!XP 15 39.3 D, i(S) 18 03, i(S) 18 10, eiL 19 23, eL y R 20.8 (T 14), F 27.0, P-azimut SW, d = 1 200 Kms, H = 04:13:06, V 906 Z, T 0.8, CGS: Colombia, 4.8 N, 76.3 W, M 5.3, h = 126 Kms, sentido en Cali y Bogotá.-

14. eiXPg 11 54 46.6 C, iSg 54 47.6, FX 55.0, d = 8 Kms, H = 11:54:44.7, V 886 Z, T 0.3, MC 3.7, reg. Caracas, no sentido.-

14. iXPg 19 31 01.7 D, iSg 31 04.6, FX 32.0, V 356 Z, T 0.8.- d = 24 Kms, H = 19:30:57.0, MC 2.7.-

14. eiWZL y R 24 11.0-20.0 (T 60-30), F 33.0, CGS: H = 23:28:13.7, reg. Islas Fiji, 20.7 S, 177.7 W, M 5.3, h = 467 Kms, d = 12 800 Kms.-

15. eX(Pn) 02 27 (35.1), iXpP 27 39.0, eiXPb 27 45.0, iSn 28 19.5, ei 28 31.5, eiSb 28 35.5, F 30.0, d = 430 Kms, H = 02:26:35.1, V 456 Z, T 0.4.-

15. eiWZL 17 30.7-34.0 (T 60-36), eiMR 40.0-54.0 (T 26-18), F 18 15.0, CGS: H = 16:39:02, frente costa W de las Islas Nueva Zelandia Sur, 48.0 S, 165.6 E, h = 15 Kms, d = 13 900 Kms.-

15. eXPKP1 24 18 (29.0), eWZPKP2 18 46, ei(PP) 23 16, eiSKKS 28 30, ei(PSKS) 33 26, eiSS 44 40, eSSS 48 30, eiL 25 03.0-09.0 (T 60-40), eiR 11.0-19.0 (T 44-32), eiL 27.8-35.0 (T 22-18), iMR 42.5-50.5 (T 26-18), F 26 24.0, R-azimut W-WSW, d = 17 800 Kms, H = 23:58:31, V 366 Z, T 1.5, reg. W de Nueva Guinea, 4.1 S, 135.1 E, M 5.8, h = 33 Kms.-

16. eiWZ 05 29 04, eiWZ 32 30, eiL y R 34.0-38.5 (T 60-20), F 50.0, CGS: H = 05:15:10.0, Cordillera N de las Islas Pascuas. 4.6 S, 105.5 W, M 4.6, h = 16 Kms, d = 4 500 Kms.-

16. eiXPn 05 40 18.9 D, i(Pb) 40 30.5, iSn 41 28, eSn 41 32, i 41 52, i(Sb) 42 08, F 45.0, P-azimut: W-WNW, d = 760 Kms, H = 05:38:33, V 276 Z, T 0.8, CGS: N de Colombia, 6.6 N, 72.8 W, M 4.0, h = 183 Kms.-

16. iXWZPKP1 11 55 44.0 C, eiWZPKP2 56 22, eWZPP 12 00 03, iXPP 00 05, eiSKS 02 40, eiPPP 03 48, eiPSKS 10 20, eiPPS 13 24, eiSS 21 00, eSSS 26 00, ei!L 43.0-48.0 (T 60-40), eiMR 51.8-60.5 (T 44-26), iR 13 01.0-03.5 (T 22), eiR y L 12.0-22.0 (T 34-26), F 48.0, R-azimut: NW-NNW, d = 18 200 Kms, H = 11:35:44.0, V 506 Z, T 0.9, CGS: Mindanao, Islas Filipinas, 5.3 N, 125.7 E, M 6.2, h = 36 Kms.-

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16. eWZXP 15 55 04.0 C, eiWZ 57 26, iS 58 23, eiSS 58 40, iL 59.0-62.0 (T 36-20), eiR 16 01.0-02.2 (T 24-20), eiR y L 03.0 (T 18), F 25.0, R-azimut: NW-NNW, d = 1 900 Kms, H = 15:51:24, V 346 Z, T 0.7, CGS: S de Panamá. 5.2 N, 82.4 W, M 4.8, h = 33 Kms.-

16. iXPg 18 53 26.8 C, iSg 53 29.5, FX 53 50, P-azimut: SW, d = 22 Kms, H = 18:53:22.5, V 366 Z, T 0.7.-

16. eiXPn 19 55 38.0 D, iSn 56 56.3, FX 58 20, P-azimut: (NE), d = 815 Kms, H = 19:43:45, V 236 Z, T 0.7.-

17. eXPn 07 28 11.5 D, iX 28 11.7, i 28 25, e 29 28, i!(Sn) 29 29, i! 29 38, ei 29 51, FX 32.0, P-azimut: NW-NNW, d = 820 Kms, H = 07:26:16.5, V 165 Z, T 0.4, CGS: Pasaje de la Mona, 18.2 N, 67.8 W, M 4.1, h = 69 Kms.-

17. eiXPKP1 17 39 05.6 D, iWZPKP1 39 06.0 C, eiX(PKP2) 39 34, ei!PP 43 38, iSKS 46 15, i(PPP) 47 40, e! 49 16, i(SKKS) 50 30, eiPSKS 54 00, PPS 56 50, eiL y R GZ 18 30-50 (T 36-20), F 20 30.0, d = 17 100 Kms, H = 17:18:26.0, V 575 Z, T 0.9, CGS: reg. Taiwan, 22.5 N, 121.3 E, M 6.2, h = 21 Kms, sentido en Hong Kong.-

18. iXPg 16 41 54.4 C, iSg 41 55.2, FX 42.0, P-azimut S 31 E, d = 7 Kms, H = 16:41:52.7, V 456 Z, T 0.4.-

19. iX(P) 02 43 16.5 C, FX 43 30.0, V 276 Z, T 0.8.-

19. iPcP 06 27 09, eiPcS 31 20, eS 32 10, e SS y ScS 35 30, eiL y R 38.8-45.2 (T 40-24), eiR 47.0 (T 15), F 07 05.0 CGS: H = 06:17:12.0, Golfo de California, 27.6 N, 110.9 W, M 5.0, h = 33 Kms, d = 5 000 Kms.-

19. eiXP 11 00 55.0 C, iP 00 55.5, eX 02 45.5, iX 02 52, iWZS 03 14, iXSS 03 22, eiWZ 04 30, eiL 05.0-07.0 (T 20-14), F 10.0, P-azimut: SW-WSW, d = 1 250 Kms, H = 10:58:29, V 726 Z, T 1.0, CGS: Colombia, 4.9 N, 76.2 W, M 4.8, h = 98 Kms, sentido en Cali y Chinchina.-

19. eiXP 13 11 31.0 C, FX 12.0, V 306 Z, T 1.2, CGS: H = 13: 07:41, S de Panamá, 5.9 N, 82.5 W, M 4.1, h = 22 Kms.-

19. iXPn 13 27 16.0 C, ei!XSn 27 34.0, FX 28 10, V 356 Z, T 0.6, d = 150 Kms, H = 13:26:56, MC 3.2.-

19. eXPn 15 46 (56.0), eiXPb 47 08, iXSn 47 46.1, eiXSb 48 15, FX 50.0, d = 540 Kms, H = 15:46:40, V 456 Z, T 0.4, MC 4.2.-

20. eiXPKP 00 59 27.0 C, i!XPP 01 01 31, eiSKP 02 42, iSKKS 08 00, eiXPS 11 44, eiPPS 13 00, ei!SS 18 46, ei 20 00, eiL y R (SN) 35.0-43.2 (T 32-24), eiL 44.8-52.0 (T 20-18), F 05 30.0, d = 14 400 Kms, H = 00:40:14, V 296 Z, T 1.4, CGS: Islas Nuevas Hébridas, 14.7 S, 167.4 E, M 5.6, h = 16 Kms.-

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20. eXPn 09 33 (51.0), eiXPg 34 28, iXSn 35 09.5, FX 38.0, d = 820 Kms, H = 09:31:57, V 136 Z, T 0.6, MC 4.2.-

20. eXP 09 59 44.5 D, eWZ S y PcP 10 03 38, eiSSS 04 34, eL 05.5-08.0 (T 38-20), iMR 08.0-12.5 (T 16-14), F 19.0, V 256 Z, T 1.0, d = 2 400 Kms, H = 09:55:10.5, CGS: reg. frontera Perú-Ecuador, 3.9 S, 80.8 W, M 4.5, h = 38 Kms.-

20. eX 10 05 (52.0), eiX 06 23.5 D, FX 08.0, V 276 Z, T 0.8.-

20. eiXPn 17 54 08.1 D, iX 54 08.5 C, iXPb 54 30, eiPg 54 45, iWZXSn 55 25, i 55 36, ei 55 41, eiSb 56 05, FX 59.0, P-azimut: W-WSW, d = 770 Kms, H = 17:52:20, V 115 Z, T 0.7, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.3, h = 159 Kms.-

21. eX(Pn) 07 26 (02.6) D, ei!Sn 27 44, iSn 27 48.5, F 29.0, d = 1 050 Kms, H = 07:23:36, V 206 Z, T 0.4, CGS: reg. República Dominicana, 19.7 N, 71.6 W, M 4.2, h = 33 Kms.-

21. eiX 14 10 18.2, eiX 11 26.0, FX 12 30, V 256 Z, T 0.6.-

21. iXPb 22 37 47.3 D, iPg 37 49.0, iSb 37 52.5, FX 38 20, P-azimut: NW, d = 96 Kms, H = 22:37:32.0, V 616 Z, T 0.4, MC 3.2.-

21. eiXPn 22 59 52.6 C, iPb 23 00 16.7, eiPg 00 32, eSn 01 15, eiSn 01 18, eiSb 01 43, FX 04.0, d = 870 Kms, H = 22:58:05, V 406 Z, T 0.4, CGS: N de Colombia, 6.1 N, 73.4 W, M 3.6, h = 234 Kms.-

21. eL 24 54.0 (T 30), iR 56.0 (T 28), eiL 25 02.0 (T 20), F 12.0, CGS: H = 23:58:43, Islas Near, Aleutianas, 51.9 N, 174.5 E, d = 11 300 Kms.-

22. eiXPKP1 03 26 34.0 (D), eiWZL y R 04 43.5-52.0 (T 60-40), F 05 08.0, V 314 Z, T 0.8, CGS: H = 03:05:43.6, Estrecho de Molucas, 1.3 N, 126.3 E, M 5.5, h = 25 Kms, d = 18 600 Kms.-

22. eXPg 10 23 38.0 D, iX 23 38.5 C, iSg 23 40.0, F 24.0, P-azimut N 57 W, d = 16 Kms, H = 10:23:35, V 335 Z, T 0.2, MC 3.4, reg. Caracas, no fue sentido.-

22. eiWZSS 10 55 11, ei!SSS 59 08, eL 11 05.6 (T 60), eL 10.0 (T 40), eiR 17.8-20.0 (T 26-22), F 12 00.0, CGS: H = 10:24:25.5, Islas Andrean, Aleutianas, 51.8 N, 178.3 W, M 4.6, h = 89 Kms, d = 10 500 Kms.-

22. eX 11 00 (00.7 C), ei 00 02.3, FX 00 30, V 356 Z, T 0.9.-

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22. eiWZSKP 14 33 24.5, eSKKS 38 46, eL 15 09.8 (T 40), eiR 12.0-16.0 (T 28-22), F 40.0, CGS: H = 14:10:45.0, Islas Nuevas Hébridas, 14.7 S, 167.4 E, M 4.7, h = 17 Kms, d = 14 400 Kms, sentido en Sola y Luganwille.-

22. eiWZL 16 36.0-40.2 (T 46-22), eiR 46.0-47.5 (T 16), F 17 20.0, CGS: H = 16:09:29.5, Cresta del Atlántico Sur, 14.1 S, 13.8 W, M 5.5, h = 33 Kms, d = 6 500 Kms.-

22. eiX(Pn) 19 15 (05.6 D), iX(Sn) 15 46.7, iSg 16 10, FX 17.0, d = 380 Kms, H = 19:15:11.6, V 156 Z, T 0.6, MC 3.6.-

23. eWZL 08 14.0-18.2 (T 50-26), eiR 23.0-24.5 (T 20-16), F 45.0, CGS: H = 07:04:16.8, reg. Islas Bonin, 28.6 N, 142.8 E, M 4.5, h = 33 Kms, d = 15 250 Kms.-

23. eX 10 50 (30.0), eiX(Sn) 51 33.5, FX 52.0.-

23. eXPn 23 11 56.5 C, iXPn 11 56.7, iPb 12 05.6, iPg 12 15.0, i!Sn 12 38.5, i 12 50, iSb 12 57, i(Sg) 13 10, eiWZL 13.5 (T 22), FX 17.0, (P-azimut SW), d = 440 Kms, H = 23:11: 54.2, V 206 Z, T 0.6, MC 3.8.-

23. eXWZP 23 59 49.5 D, eWZpP 24 01 30, e!XPP 03 51, ei!SKS 10 23, eiS 11 23, e!PS 12 50, ei!L 27.0-33.0 (T 60-36), eiR 33.5-39.0 (T 34-28), iMR 40.0-43.5 (T 28-24), iR 47.5-49.0 (T 18), F 26 20.0, R-azimut: NW, d = 11 100 Kms, H = 23:46:09.5, V 646 Z, T 1.3, CGS: Islas Near, Aleutianas, 52.2 N, 175.0 E, M 6.1, h = 22 Kms.-

24. eiXWZPKP1 23 41 02.0 C, iXPKP2 41 25, eiSKP 44 40, eiPP 45 00, eiSKS 48 00, eiPPP 48 48, ei(SKKS) 51 10, ePSKS 55 24, ei!PPS 58 05, ei!SSS 24 11 30, RL 27.0 (T 60), eiL 35.0-40.0 (T 40-36), iMR 40.2-44.2 (T 28-26), iR 45.0-49.0 (T 25-20), R-azimut: NW-NNW, d = 17 500 Kms, H = 23: 21:12.0, V1 346 Z, T 0.7, V2 185 Z, T 1.1, CGS: Samar, Islas Filipinas, 13.0 N, 124.5 E, M 5.9, h = 33 Kms.-

25. eXWZP 13 21 (16.8 D), iX 21 28.5, eWZPP 25 15, ePPP 27 28, eSKS 31 50, eiSKKS 32 20, ei(S) 32 44, ei!PS 34 00, ePPS 35 00, eiSS 39 40, eiSSS 43 28, eL 53.0 (T 40), L 58.0-63.0 (T 30-28), iMR 14 03.0-05.6 (T 23-22), iR 06.2-11.0 (T 20-18), F 49.0, R-azimut NW, d = 10 900 Kms, H = 13:07: 49.0, V 306 Z, T 1.1, CGS: Islas Rata, Aleutianas, 51.3 N, 178.7 E, M 5.5, h = 40 Kms.-

25. eiXP 14 17 (18.4), iXpP 18 14.2, FX 19 30, V 236 Z, T 0.7, CGS: H = 14:04:00, Islas Rata, Aleutianas, 52.3 N, 176.3 E, M 4.2, h = 33 Kms, d = 10 800 Kms.-

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25. iXP 16 28 48.0 D, eiWZPP 29 33, eiS 33 40, ei!SS 35 26, ei 37 30, eL 38.0-41.0 (T 50-30), eiR 41.0-43.0 (T 24-20), eiL 45.0 (T 16), F 17 30.0, V 466 Z, T 0.7, d = 3 300 Kms, H = 16:22:50, CGS: N de Chile, 19.3 S, 69.6 W, M 4.8, h = 109 Kms.-

25. eXPg 20 20 04.2 D, iSg 20 06.4, FX 20 50, d = 18 Kms, H = 20:20:00.6, V 206 Z, T 0.7, MC 2.5.-

26. eWZXP 05 03 (44.0), iXpP 03 48.2, eiPPP 04 30, ePcP 07 26, eiXS 08 02, eiWZ 08 48, eL 11.0-13.0 (T 30-26), eiR 13.0-16.0 (T 24-16), F 10.0, d = 2 800 Kms, H = 04:58:34, V 306 Z, T 0.6, CGS: cerca costa de Guatemala, 13.7 N, 90.6 W, M 5.0, h = 39 Kms.-

26. iXPn 06 51 00.0 D, i(Pb) 51 06.5, eiPg 51 09, i!Sn 51 21.5, i(Sb) 51 25, iSg 51 36, FX 53 50, P-azimut N 55º E, d = 200 Kms, H = 06:50:32.8, V 255 Z, T 0.3, MC 4.1.-

26. eiXWZP 19 55 34.8 C, i!XWZPcP 56 02.0, ei!XS 04 52, eS 05 24, eiScS y PS 05 47, eSS 09 00, eSSS 13 00, ei 14 40, eL 15.5-18.0 (T 60-50), eiR 18.5-23.0 (T 60-28), iMR 23.0-25.0 (T 28-24), iMR 28.3-32.0 (T 18), F 21 10.0, R-azimut: SE, d = 8 300 Kms, H = 19:44:07, V 756 Z, T 0.9, CGS: reg. S de las Islas Sandwich, 56.1 S, 27.6 W, M 6.7, h = 120 Kms.-

28. iXPg 16 47 13.0 D, iSg 47 13.9, FX 47 40, d = 7 Kms, H = 16:47:11.3, V 776 Z, T 0.3, (MC 3.5).-

29. eWZ(PPP) 02 04 56, ePPS 11 16, eSS 15 40, eSSS 20 05, eL 25.0 (T 60), eL 35.0-41.0 (T 40-30), eiR 41.0-42.0 (T 28), iMR 43.0-45.3 (T 22-20), eiL 55.0-57.5 (T 18), F 03 40.0, CGS: H = 01:47:49.3, Mar Mediterráneo, 35.2 N, 22.8 E, M 4.5, h = 68 Kms, d = 9 400 Kms.-

29. eX(SKS) 04 36 48.5 C, i 36 55.4, FX 38 20, V 256 Z, T 1.0, CGS: H = 04:14:58.6, Mar Mediterráneo, 35.4 N, 22.6 E, M 4.6, h = 59 Kms, d = 9 400 Kms.-

29. eXP 11 56 23.7 D, i!pP 56 29.0, e(PP) 56 40, iS 58 28, eL 59.5 (T 15), iMR 12 01.0 (T 17), F 13.0, R-azimut: S-SSW, d = 1 200 Kms, H = 11:53:54, V 115 Z, T 0.9, CGS: reg. frontera Panamá-Colombia, 7.0 N, 77.6 W, M 4.0, h = 33 Kms.-

29. eWZSKS 16 00 (00), eiPS 02 18, e(PKKP) 07 00, ei!SS 07 20, ei(SSS) 11 00, eiL 22.0 (T 40), iMR 23.0-28.0 (T 34-26), F 17 30.0, CGS: H = 15:36:31.9, Cordillera S del Pacífico. 57.8 S, 147.3 W, M 5.5, h = 33 Kms, d = 10 550 Kms.-

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30. eiL(WZ) y R 02 41.7-45.0 (T 20-16), F 57.0, CGS: H = 01: 14:18.6, 51.6 N, 174.7 E, M 4.7, h = 38 Kms, Islas Near, Aleutianas, d = 11 200 Kms.-

30. eiWZL 07 48-50.5 (T 50-32), eiR 50.5-53.6 (T 30-18), F 08 05.0, CGS: H = 07:21:56, Cresta W de Chile, 37.7 S, 89.3 W, M 4.2, h = 27 Kms, d = 5 800 Kms.-

30. eXPn 09 45 41.0 D, iXSn 46 59.0, i 47 22, FX 49.0, P-azimut: W-WSW, d = 770 Kms, H = 09:43:52.6, V 256 Z, T 0.9, MC 4.4.-

30. eWZPcP 19 37 33, eiS 40 12, eiL y R 43.5-45.5 (T 36-23), eiR 46.0-50.0 (T 18), F 20 00.0, CGS: H = 19:28:31, W de las Islas Galápagos, 1.8 N, 98.2 W, M 4.5, h = 33 Kms, d = 3 600 Kms.-

31. eiXWZPKP1 11 58 26.2 C, iXPKP2 59 28, eiPP 02 20, ei(SKP) 03 00, eiSKKS 09 50, eiPSKS 13 58, e(PPS) 16 46, ei!SS 23 42, eL 42.0 (T 60), eiR 59.0 (T 36), eiMR 13 08.3-14.5 (T 24-18), eiR 18.5-24.0 (T 27-20), F 50.0, R-azimut: SW-WSW, d = 18 800 Kms, H = 11:38:16.2, V 406 Z, T 0.8, CGS: Mar Banda, 7.5 S, 128.7 E, M 6.0, h = 37 Kms.-

31. iX(Pg) 19 01 05.0 C, iSg 01 06.0, F 01 20.0, d = 8 Kms, H = 19:01:03.-

31. eWZP 20 51 11.0 C, iXP 51 17.6 C, iS 54 49, ei(PcP) 55 02, eL 56.0-58.0 (T 36-30), iML 58.0-59.5 (T 22-19, eiR 21 01.5-04.5 (T 18), F 30.0, R-azimut: SW, d = 2 200 Kms, H = 20:46:59, (V 256 Z, T 1.0), CGS: Nicaragua, 11.1 N, 86.0 W, M 4.7, h = 28 Kms.-

G.Fiedler

E. de Gyomrey

G.N.

COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES

Caracas - Venezuela

BOLETIN SISMICO MENSUAL
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International Seismological Centre

1. eXPKP 04 52 (18.2) D, i!XpPKP 52 42.0, FX 54.0, V 276 Z, T 0.7, CGS: H = 04:32:45.3, Burma, 20.2 N, 94.9 E, M 5.5, h = 57 Kms, d = 16 300 Kms.-

1. eXPn 15 12 38.0 C, eSn 13 51.2, eiSn 13 56.0, eiSb 14 42, FX 18.0, P-azimut: W-WSW, d = 800 Kms, H = 15:10:58, V 756 Z, T 1.0, CGS: N de Colombia, 7.0 N, 73.4 W, M 4.2, h = 150 Kms.-

1. iXPg 21 08 59.6 C, iSg 09 02.5, FX 09 20, d = 30 Kms, H = 21:08:54.0, V 906 Z, T 0.4, MC 3.1, reg. Caracas, prob., explosión.-

1. eiXPg 22 48 (03.7) C, iSg 48 05.2, FX 48 20, d = 12 Kms, H = 22:48:01.0, V 666 Z, T 0.3, MC 2.9, reg. Caracas, prob., explosión.-

2. eX 00 14 (02), FX 15 30, V 166 Z, T 0.7.-

2. eXWZP 02 14 20.5 C, eiS 21 28, eSS 25 10, eL 27.5-34.3 (T 48-24), eiR 34.5-36.0 (T 22-20), F 03 00.0, R-azimut: S-SSW, d = 5 550 Kms, H = 02:05:34, V 306 Z, T 1.2, CGS: cerca costa de Chile Central. 38.7 S, 73.4 W, M 5.1, h = 28 Kms.-

2. eiWZ(S) 14 11 58, MR 17.0-21.5 (T 40-23), F en otras ondas. CGS: H = 13:57:51, Cordillera Norte de las Islas Pascuas. 4.6 S, 105.6 W, M 4.8, h = 33 Kms, d = 4 600 Kms.-

2. i!XP 23 45 00.0 C, i 46 11, iS 48 53, iPcP 49 08, MR 50.6 (T 28), MR 54.3 (T 19), MR 57.3 (T 19), F 24 50.0, P-azimut WSW, d = 2 400 Kms, H = 23:40:30, V 245 Z, T 1.8, CGS: Cresta N del Atlántico. 16.0 N, 46.8 W, M 5.6, h = 35 Kms.-

3. iWZXPn 10 59 13.0 C, iPb 59 24, iXSn 60 42, iSb 61 06, iSb 61 15, ML y (Sg) 61.6 (T 24), ML y R 63.2 (T 17), F 11 30.0, P-azimut N-NW, d = 900 Kms, H = 10:57:07, V 505 Z, T 0.9, CGS: reg. República Dominicana. 18.5 N, 70.3 W, M 5.3, h = 27 Kms.-

3. iXPn 19 18 45.7 C, i 18 50, eiPb 18 54, ei! 19 09, eiSn 19 27.5, i 19 32.2, iSb 19 41, d = 395 Kms, H = 19:17:50.7, V 226 Z, T 0.5, MC 4.2.-

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3. eiWZ(P) 21 43 26.0, eL 48.5-54.0 (T 40-16), F 22 00.0, CGS: H = 21:38:45.5, Cresta N del Atlántico. 16.2 N, 46.2 W, M 4.5, h = 33 Kms, d = 2 350 Kms.-

4. eiWZP 06 09 57, eiPP 10 34, eL 15.0-23.0 (T 38-20), F 30.0, CGS: H = 06:05:15.3, Cresta N del Atlántico, 16.1 N, 46.8 W, M 4.2, h = 33 Kms, d = 2 300 Kms.-

4. eS 08 22 56, eL 33.5-38.0 (T 40-26), eiR 39.0-43.0 (T 28-16), F 09 20.0, CGS: H = 08:05:36.7, 44.2 S, 75.9 W, frente costa S de Chile. M 5.4, h = 33 Kms, d = 6 250 Kms.-

4. iXPb 16 04 25.8 D, eiXPg 04 28.6, iSg 04 34.8, FX 05.0, d = 50 Kms, H = 16:04:20, V 326 Z, T 0.5, MC 2.8.-

5. eiWZP 12 54 30, eiWZPPP 59 22, eiPS 05 18, eiSS 10 27, eL 16.5-21.5 (T 40-30), eiR 22.6-29.0 (T 32-26), iML 29.0-30.0 (T 21-19), eiR 33.5-34.5 (T 20), F en las ondas superficiales del sismo siguiente. CGS: H = 12:39:17.4, SW del Océano Atlántico, 60.2 S, 18.4 W, h = 33 Kms, d = 9 000 Kms.-

5. eiWZ(X)P 13 12 32.0 C, e!PP 15 46, eiL y R 40.0-47.0 (T 32-18), eiR 50.5-51.2 (T 17), F 14 15.0, R-azimut: S-SSE, d = 9 000 Kms, H = 13:00:22, CGS: SW del Océano Atlántico. 59.9 S, 18.5 W, h = 33 Kms.-

5. eXP 20 46 (23.0), eiWZPPP 47 30, ei!(S) 51 00, eL 53.0-56.0 (T 40-26), iR 56.0 (T 16), F 21 10, d = 2 800 Kms, H = 20:41:11.0, V 276 Z, T 1.1, CGS: Perú, 13.7 S, 71.6 W, M 4.1, h = 67 Kms.-

8. eiWZP 13 47 (44) C, ePP 49 32, eiPcP 49 43, e(S) 54 00, eiScS 57 36, eiL 59.0-62.0 (T 46-30), eiMR 14 04.0-08.2 (T 26-18), F 32.0, R-azimut: NW, d = 4 700 Kms, H = 13:39:54, CGS: Golfo de California, 23.3 N, 108.5 W, M 5.1, h = 33 Kms.-

8. eiPn 19 19 16.0 C, ePn 19 18.0, eiSn 20 26, ei(Sn) 20 33, ei! 20 38, FX 21.0, d = 750 Kms, H = 19:17:30, V 206 Z, T 0.8, MC 4.3.-

8. eiXPg 22 51 (58.5), iSg 51 59.8, FX 52 20, d = 10 Kms, H = 22:51:(56.3).-

9. eiWZL y R 05 17.0-23.5 (T 20-12), F 30.0, CGS: H = 04:52:41, cerca costa de Chile Central. 32.1 S, 71.5 W, M 4.0, h = 133 Kms.-

9. iXPg 18 05 26.7 C, iSg 05 29.0, d = 26 Kms, H = 18:05:22.0, V 145 Z, T 0.3, MC 3.2.-

9. iX 18 54 37.5 C, FX 58 20.-

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9. eWZ 20 10 22.0 D, eL 23.0 (T 50), F 21 10.0.-

10. eX(P) 05 53 39.5 C, ei 06 01 20, eL 13.0-18.3 (T 36-20), eiMR 18.4-22.2 (T 21-15), F 40.0, V 236 Z, T 0.7.-

10. eiXPg 09 16 49.5, iXSg 16 52.0, FX 17 25, d = 12 Kms, H = 09:16:47.0, V 115 Z, T 0.3, MC 3.0.-

10. iX 15 29 (06.5 D), FX 30.0, V 256 Z, T 1.0.-

10. eL 15 56.5-59.5 (T 44-28), eiR 59.5-62.6 (T 30-20), F 16 20.0, CGS: H = 15:24:18.4, Islas Dodecaneso, 36.6 N, 26.7 E, M 4.9, h = 154 Kms, d = 9 600 Kms.-

10. eiWZe(P) 20 41 56, ePcP 43 20, e(PPP) 45 24, eS 49 23, e 50 00, eiScS 51 52, eiSSS 54 00, eiR 56.5-61.0 (T 34-18), eL y R 21 04.0-07.0 (T 18-15), F 25.0, R-azimut: N, CGS: 20:33:59.3, Cresta N del Atlántico, 46.4 N, 27.6 W, M 4.9, h = 33 Kms, d = 5 600 Kms.-

10. eXPn 20 55 50.0 D, eiSn 57 20, FX 21 00.0, d = 900 Kms, H = 20:53:45, V 456 Z, T 0.6.-

10. iXPg 22 51 55.5 D, iSg 51 57.5, FX 52 30.0, d = 16 Kms, H = 22:51:22.2, V 165 Z, T 0.3, MC 3.2.-

11. eXP 01 44 20.0 C, eiWZPP 44 40, ei 46 23, ePPP 48 20, e 50 (30-44), e(SS) 56 00, eL 02 01.0-05.0 (T 30-28), ei!MR 05.0-10.2 (T 26-15), F en las ondas siguientes. R-azimut: SW, V 306 Z, T 1.0, d = 6 750 Kms, H = 01:34:20, CGS: Cordillera de las Islas Pascuas, 35.2 S, 107.5 W, M 5.0, h = 31 Kms.-

11. eiWZL 03 18.0-30.0 (T 45-22), eiMR 30.5-38.0 (T 22-18), F en el sismo siguiente. CGS: H = 02:37:34.7, Islas Near, Aleutianas, 51.8 N, 174.1 E, M 5.5, h = 35 Kms, d = 11 100 Kms.-

11. eXPKP 03 52 29.0, eiXWZ(PP) 53 31.5, ePPP 56 10, ePS 04 03 30, eiPPS 04 40, ei(SS) 08 44, eiSSS 14 40, F 07 30.0, P-azimut NNW, d = 13 200 Kms, H = 03:33:43, V 206 Z, T 1.0, CGS: Islas Kuriles, 44.7 N, 148.7 E, M 6.0, h = 47 Kms.-

11. eWZL 12 56.0-64.0 (T 40-30), eiR 18 04.0-06.0 (T 28-23), eR 09.0-13.0 (T 24-20), FX 30.0, CGS: H = 12:00:00.8, 44.2 N, 149.1 E, M 5.2, h = 33 Kms, Islas Kuriles, d = 13 200 Kms.-

11. iXPg 22 37 39.0 C, iSg 37 48.5, FX 38.0, d = 28 Kms, H = 22:37:33.6, V 356 Z, T 0.4, MC 2.7.-

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12. eWZPKKP 06 10 (23.0) C, ePS 11 27, ePPS 12 38, eSS 17 37, eL 32.0 (T 54), eiR 35.0 (T 40), eR 47.5 (T 25), eiR 51.0 (T 22), eiR 55.0 (T 20), F en el sismo siguiente. CGS: H = 05:41:00.3, Islas Kuriles, 44.0 N, 149.1 E, M 5.6, h = 64 Kms, d = 13 150.-

12. eXSn 10 52 56.2 C, FX 53.0, CGS: H = 10:49:04, Islas Virgenes . 19.1 N, 64.8 W, M 3.9, h = 33 Kms, d = 850 Kms,

12. eXP 11 01 34.2 C, iS 03 46, eiR y L 04.0-07.0 (T 30-16), eiR 08.0 (T 15), F 22.0, d = 950 Kms, H = 10:59:24, V 256 Z, T 0.5, CGS: Islas Virgenes , 19.2 N, 64.9 W, M 5.5, h = 24 Kms.-

12. eXWZP 18 56 (20.0) C, iS 19 01 13.5, eiSS 02 56, F 20 30.0, P-azimut: SE-SSE, d = 3 250 Kms, H = 18:50:27, V 146 Z, T 0.7, CGS: reg. frontera Chile-Bolivia, 20.3 S, 68.9 W, M 5.8, h = 103 Kms.-

13. eWZPP 07 26 (35.0), ePPP 29 20, eSKS 32 10, eS 34 10, eiPKKP 35 32, ei!PS 36 40, ePPS 37 55, eiSSS 47 30, F 09 45.0, R-azimut: NW-NNW, d = 13 550, H = 07:06:07, CGS: Hokkaido, reg. Japón, 41.9 N, 143.4 E, M 5.7, h = 32 Kms.-

13. eXPg 15 19 03.5 D, eiSg 19 04.8, FX 19 30, reg. Caracas, no se sintió. d = 10 Kms, H = 15:19:01.3, V 666 Z, T 0.3.-

13. eiWZP 20 14 44.0 C, e(PP) 17 28, eiSKKS 25 13, iS 25 32, eiPPS 27 06, ePKKP y SS 32 00, eSSS 34 28, eL 39.5-47.0 (T 60-26), eiR 48.0-53.0 (T 28-20), eiR 56.0-58.0 (T 20), F 21 30.0, R-azimut: NE-ENE, d = 9 900 Kms, H = 20:01:54.0, CGS: Turquía, 37.8 N, 29.4 E, M 5.3, h = 18 Kms, dos muertos y 3 heridos en la reg. de Denizli.-

14. eWZPS 08 00 00, eiPPS 01 28, ei!SS 06 20, eSSS 10 30, L 15.5-23.0 (T 50-30), eiR 25.8-35.0 (T 32-17), eiR 37.5 (T 20), F 09 30.0, d = 13 000 Kms, H = 07:30:20, CGS: Cresta Indico-Atlántico, 39.8 S, 45.8 E, M 5.5, h = 33 Kms.-

14. eiX(Sn) 11 18 48.0, FX 20 00.-

14. eXPg 22 17 49.0 D, iSg 17 51.0, d = 16 Kms, H = 22:17: 45.7, V 276 Z, T 0.7, MC 2.5.-

15. iXPg 20 32 45.8 D, iSg 32 46.8, FX 33 00, d = 8 Kms, H = 20:32:44.0, V 666 Z, T 0.3, MC 2.6.-

15. iXPg 22 03 40.0, iSg 03 43.4, FX 04 00, d = 27 Kms, H = 22:03:35, V 306 Z, T 0.4, MC 2.7.-

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Nota: A partir de esta fecha se publicará de las primeras ondas P o PKP la amplitud registrada "A" de la oscilación más característica, medida en milímetros según el SPZ VELA (V 25.000 para T = 1.0 seg.) y su período "T" correspondiente.

15. eXWZPKP 23 30 48.0 C, (epP) 31 30, ePP 33 24, e!SKP 34 28, e!PPP 36 13, iS 40 56, e!PSKS 42 42, iSS 47 30, iSSS 51 06, eL 59.5 (T 60), iMR 24 09.0-12.5 (T 38-30), eR 17.0-20.0 (T 28-26), F 25 50.0, R-azimut: NW, d = 14 400 Kms, H = 23:11:28, T 1.3, A 6.7, CGS: H = 23:10:25.2, reg. Islas Nuevas Hébridas, 20.9 S, 173.7 E, M 6.0, h = 22 Kms.-

16. eXP 02 53 24.5, i(pP) 53 37.1, ePcP 54 24, ePcS 58 30, eS 03 02 14, eScS 03 28, eSSS 08 30, eL 13.0 (T 36), iR 15.0 (T 26), iR 17.0 (T 18), iR 19.0 (T 15), F 50.0, R-azimut: SW, d = 7 100 Kms, H = 02:43:04, T 0.9, A 2.4, CGS: Cordillera de las Islas Pascuas. 34.6 S, 112.0 W, M 5.0, h = 33 Kms.-

16. eP 04 05 35.1 C, i 05 41.5, ePP 08 00, e!S 14 02, iPS 14 22, iScS 15 40, eSS 18 47, iSSS 21 10, iMR 25.5-28.7 (T 38-24), iMR 29.0-30.2 (T 18-17), iR 31.0-32.5 (T 16-15), F 06 30.0, P-azimut: SW, d = 7 100 Kms, H = 03:55:39.1, T 1.3, A 6.8, CGS: Cordillera de las Islas Pascuas, 34.3 S, 112.2 W, M 5.7, h = 33 Kms.-

16. iXPn 14 14 30.5 C, iPb 14 52, iSn 15 48.5, iSb 16 28, iSg 16 45, FX 18.0, P-azimut: N, d = 810 Kms, H = 14:12:38.5, H = 14:12:38.5, T 0.4, A 8.0, CGS: Estrecho de la Mona, 18.1 N, 68.7 W, M 4.1, h = 116 Kms.-

16. eXPg 21 43 22.3 D, iSg 43 25.5, FX 43 50, P-azimut NE, d = 26 Kms, H = 21:43:17, T 0.4, A 2.0, MC 2.8.-

16. iXPg 23 00 10.5 C, iSg 00 13.2, FX 00 50, P-azimut: SW, d = 22 Kms, H = 23:00:06, T 0.5, A 2.0, MC 2.7.-

17. i(Pn) 01 47 25.5 C, e(Sn) 48 43.0, FX 50.0.-

17. iXPn 15 26 34.8 C, iX(Pb) 26 39.5, iXPg 26 47.5, eXSn 27 07.0, iX 27 12, iSb 27 20, FX 28 30, P-azimut (SW), d = 300 Kms, H = 15:25:53.3, T 1.0, A 4.0, MC 3.8, sentido en reg. El Tocuyo con 4 MCS.

18. eXPn 20 10 22.0 D, i(Pb) 10 30.0, iPg 10 42, iSn 11 12.5, iSg 11 30, FX 16 00, P-azimut N 147 W, d = 500 Kms, H = 20:09:12.0, T 0.6, A 3.0, MC 4.1.-

18. iX(Pn) 20 52 09.6 D, FX 53.0, CGS: H = 20:48:01, T 1.2, A 2.0, Costa Rica, 10.5 N, 84.8 W, M 4.3, h = 24 Kms, d = 2 000 Kms.-

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18. eXWZP 22 50 08.0 C, iPPP 51 07, eS 53 55, iS 54 20, iSS 54 52, eiL 56.2 (T 46), iR 59.0 (T 20), iR 23 03 (T 10), P-azimut SW, d = 2 500 Kms, H = 22:45:16, T 0.6, A 1.0, CGS: Perú, 11.1 S, 73.6 W, M 5.3, h = 111 Kms.-

19. eWZ(X)P 01 44 40.0 C, epP 46 28, eS 48 56, iS 49 00, eiSS 50 16, eiL 51.0 (T 40), eiR 52.8-57.0 (T 24-18), iL 59.0 (T 17), F 02 20.0, R-azimut: W-WNW, d = 2 700 Kms, H = 01:39:35, CGS: cerca costa de Guatemala. 13.0 N, 90.3 W, M 4.6, h = 32 Kms.-

19. eWZSKKS 07 03 23, e(X)S 03 49, ePS 05 28, iPPS 06 14, eSS 10 40, eSSS 15 20, eL 22.5 (T 60), eiR y L 25.0-30.0 (T 40-26), eR 35.0-38.0 (T 25-20), eiR 39.5-42.7 (T 20-18), F 08 10.0, CGS: H = 06:38:12.6, Islas Neab, Aleutianas, 52.3 N, 172.0 E, M 5.5, h = 54 Kms, d = 11 250 Kms.-

19. iXPn 18 02 36.3 D, eSn 03 52.5, iSn 03 53.5, FX 07.0, P-azimut: SW-WSW, d = 850 Kms, H = 18:00:51, CGS: N de Colombia, 6.2 N, 73.3 W, M 5.0, h = 174 Kms.-

20. eWZR 02 57.0-62.0 (T 34-26), eiMR 03 02.0-04.3 (T 24-20), F 25.0, CGS: H = 01:57:24.8, Islas Kuriles, 41.6 N, 149.2 E, M 5.4, h = 40 Kms, d = 13 000 Kms.-

20. eXWZP 18 14 47.0 D, ipP 15 10, eS 23 06, eiPS 23 28, eSS 27 20, eL 34.0-39.0 (T 46-18), iR 39.0-43.0 (T 24-16), F 19 00.0, d = 6 750 Kms, H = 18:04:42, T 1.2, A 2.5, CGS: frente costa de Oregón, 42.8 N, 126.5 W, M 5.6, h = 33 Kms.-

21. eWZR 01 17.0-23.0 (T 40-22), eiR 24.0-26.5 (T 22), ei!R 32.0 (T 19), F 02 30.0, CGS: H = 00:21:14.5, S de Iran, 28.1 N, 56.0 E, M 6.0, h = 28 Kms, d = 12 800 Kms.-

21. eXP 09 29 35.6 (D), i(Pb) 29 47.5, eSn 30 48, iSn 30 54, iSb 31 30, FX 34.0, d = 810 Kms, H = 09:27:44, T 0.6, A 2.8, CGS: N de Colombia, 6.8 N, 73.3 W, M 5.2, h = 167 Kms.-

21. eWZ(X)S 10 55 07.0, iX(SS) 56 17.5, iWZL 57 08, CGS: reg. frontera Perú-Ecuador, 3.5 S, 77.4 W, M 4.5, h = 5 Kms, d = 2 300 Kms.-

22. eX 02 08 26.7 C, FX 09.0, T 0.6, A 2.0.-

22. eXPn 11 59 03.5 C, eSn 12 01 00, FX 05.0, d = 1 100 Kms, H = 11:56:38.5, T 0.5, A 2.5.-

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22. eWZPKP 24 08 01.0 C, iX 08 42.5, eSKP 11 28, i 12 28, e!PP 12 40, e!SKS 14 58, i(PPP) 16 22, ePSKS 23 53, i!SS 34 43, eL 57.0 (T 60), eiR 25 06.0-11.5 (T 40-26), iR 15.0-18.0 (T 30-25), iL 28.0 (T 20), F 26 15.0, R-azimut: NW-NNW, d = 18 900 Kms, H = 23:48:01.0, T 1.2, A 4.3, CGS: Mindanao, Islas Filipinas, 7.1 N, 123.5 E, M 5.6, h = 60 Kms.-

23. eXP 11 21 19.5 D, iX(PcP) 21 27.5, ePP 24 30, eiPPP 26 00, eiS 31 14, i!PS 31 28, iSS 36 32, eiSSS 39 24, eR 47.0-50.5 (T 40-25), iL 52.0 (T 20), eR 55.0 (T 22), iR 58.0-61.5 (T 18-16), F en cambio de gráficas, P-azimut N-NNW, d = 8 750 Kms, H = 11:09:14.5, T 0.7, A 2.3, CGS: reg. Islas Kodiak, 56.6 N, 152.9 W, M 5.7, h = 36 Kms.-

24. eXP 03 35 36.5 C, (iPP) 36 18, e(S) 40 16, eL 43.5 (T 50), eiR 44.5 (T 48), eiL 46.0 (T 30), F 04 18.0, d = 3 900 Kms, H = 03:29:36, T 0.7, A 1.6, CGS: N de Chile, 18.1 S, 69.7 W, M 5.0, h = 80 Kms, fue sentido en Arequipa, Perú.-

24. eXPKP1 08 05 09.0 D, eWZPKP1 08 05 09.0 C, iPKP2 05 43.4, e!PP 09 40, SS 30 00, eSSS 37 30, eiR 09 00.0 05.0 (T 40-24), iR 05.6-37.5 (T 26), eL 12.0 (T 20), F 10 00.0, d = 18 600 Kms, H = 07:45:00, T 1.7, A 2.6, CGS: Mindanao, Islas Filipinas, 7.0 N, 126.2 E, M 6.0, h = 50 Kms.-

24. iXPn 21 27 35.1 C, ipP 27 41.5, iPb 27 49.0, iSn 28 28.0, i!Sn 28 32.5, i 28 44, eiSb 28 53, iL 29 16, F 33.0, d = 550 Kms, H = 21:26:18, T 0.4, A 2.2, MC 4.3.-

24. iXPKP 23 28 31.5, FX 29 30.0, CGS: H = 23:08:40.4, T 0.6, A 2.1, reg. Islas Filipinas, 20.1 N, 120.8 E, M 5.0, h 33 Kms, d = 16 600 Kms.-

25. iXPg 18 55 46.2 C, e!XSg 55 47.2, FX 56.0, d = 8 Kms, H = 18:55:34.3, T 0.3, A 1.3, MC 2.9.-

25. eiXPg 19 00 19.2 C, i!Sg 00 21.2, FX 00 50, d = 16 Kms, H = 19:00:16, T 0.2, A 1.4, MC 3.4.-

25. iWZXP 20 36 30, ePcS 41 34, eS 44 12, iS 44 14, eiL 53.7-57.0 (T 36-24), iML y R 57.0-60.0 (T 21-16), F 30.0, R-azimut: SW-SSW, d = 6 250 Kms, H = 20:27:00, T 0.7, A 2.4, CGS: S del Océano Pacífico, 37.0 S, 96.0 W, M 5.3, h = 33 Kms.-

25. iXPg 22 53 32.0, i!Sg 53 34.5, FX 54.0, d = 20 Kms, H = 22:53:28, T 0.4, A 1.4, MC 2.7.-

26. eiXP 05 59 47.5 D, eXSS 06 04 42, eiWZXR y L 06 15, eL 07 45, F 09.0, T 1.1, A 1.8, CGS: H = 05:55:11, reg. frontera Perú-Brasil, 9.1 S, 72.9 W, M 4.6, h = 34 Kms, d = 2 250 Kms.-

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26. eXPn 09 58 24.0, ipP 58 29.5, eSn 59 35.5, i!Sn 59 43.0, FX 03 00, d = 765 Kms, H = 09:56:36, T 0.7, A 2.0, CGS: N de Colombia, 6.7 N, 72.9 W, M 4.3, h = 175 Kms.-

27. eWZXP 09 58 (40.0), ePP 10 02 56, ePPP 04 10, ei!S 09 28, ePS 10 24, eSS 15 28, eiSSS 19 00, eL 28.0 (T 40), eiL 30.0-33.2 (T 36-24), iMR 33.5-35.0 (T 21-16), eiR y L 37.0 (T 15), F 11 00.0, R-azimut: SE, d = 9 700 Kms, H = 09:45:55.0, CGS: reg. Isla Bouvet, 54.5 S, 5.6 E, M 5.9, h = 33 Kms.-

27. iX(Pg) 11 52 15.0 D, FX 52 40.0, T 0.5, T 1.4.-

27. eiWZXPKP 11 55 44.6 C, ipP 55 56.2, ei 12 00 45, eiSKS 02 44, eiSKKS 06 00, ePSKS 09 20, ei!PPS 11 44, eiL 36.0 (T 50), eiR 46.0-52.0 (T 32-28), iR 53.0-60.0 (T 30-24), iMR 13 02.0-04.0 (T 24), iR y L 10.0 (T 20), F 14 00.0, d = 16 650 Kms, H = 11:35:59, T 0.9, A 3.6, CGS: Taiwan, 23.8 N, 121.5 E, M 5.6, h = 24 Kms.-

27. iXPn 12 57 25.2, ipPn 57 37, iPb 57 45, i(Pg) 58 00, iSn 58 33, eiSn 58 37, i(Sb) 59 13, iSg 59 28, FX 13 02.0, d = 730 Kms, H = 12:55:42, T 0.7, A 5.4, MC 4.7, CGS: N de Colombia, 6.7 N, 72.9 W, M 4.7, h = 178 Kms.-

27. eiX 13 09 (07.0) C, FX 12.0, T 0.5, A 1.3.-

27. eiXWZP 17 12 48.0 C, iPP 12 57, eSS 15 43, eL 17.0 (T 40), eL 19.0 (T 15), F 32.0, P-azimut SW-WSW, d = 1 250 Kms, H = 17:09:13, T 0.7, A 3.8, CGS: reg. frontera Perú-Ecuador, 2.5 S, 77.0 W, M 5.0, h=108 Kms.-

28. eXPKP 03 52 56.2 D, eWZPP 55 58, iXSKP 56 40, eiPPP 59 10, eiPS 04 06 30, eiPPS 08 10, (eSS) 14 30, eL 33.7-36.2 (T 40-37), eiR 39.0-44.7 (T 36-22), iMR 45.0-50.5 (T 22-20), iL 56.0 (T 19), F 06 00.0, d = 15 500 Kms, H = 03:33:44.2, T 1.0, A 2.0, CGS: reg. Nueva Irlanda, 5.1 S, 153.0 E, M 6.1, h = 50 Kms, fue sentido en Rabaul y Sohano.-

28. eXPn 06 21 52.2, ei(Pb) 22 08.0, ei(Pg) 22 20, eSn 22 57.2, iSn 23 01, i! 23 45, eiSb 23 33, FX 28.0, d = 730 Kms, H = 06:20:17, T 0.6, A 1.3, MC 4.2, CGS: N de Colombia, 6.7 N, 72.9 W, M 4.2, h = 172 Kms.-

28. eiXPg 15 22 (31.1), iSg 22 34.2, iL 22 36, FX 24.0, d = 25 Kms, H = 15:22:26.6, T 0.4, A 1.2, MC 2.6.-

28. eXPg 22 17 09.5, iXSg 17 14.0, FX 17 30, d = 36 Kms, H = 22:17:03.-

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29. eXPn 14 00 57.2 D, iPb 01 05.0, eiPg 01 13, ei 01 20, eSn 01 30, eiSn 01 32, i!(Sb) 01 40, eiSb 01 46, eiSg 01 54, eiL 02 12, FX 05 40, P-azimut: (N 107 W), d = 340 Kms, H = 14:00:10, MC 4.2, T 0.6, A 8.4, sentido en El Tocuyo, no hubo heridos ni daños materiales.-

29. iXPn 17 55 20.6 C, i 55 26.5, ePb 55 34, ePg 55 41.5, eiSn 56 07.2, i!Sn 56 09, ei 56 22, iSb 56 28, FX 58 30, P-azimut (N 53 W), d = 465 Kms, H = 17:54:16, T 0.5, A 7.8, MC 4.5.-

29. iXPn 20 01 56.1 C, eiXP 02 08, iPb 02 17, iPg 02 30, eiSn 03 09, iSn 03 15, e! 03 29, iSb 03 45, iSg 04 10, FX 06.0, P-azimut: N 103 W, d = 675 Kms, H = 20:00:08, T 0.8, A 9.1, CGS: N de Colombia, 6.7 N, 72.8 W, M 4.8, h = 179 Kms.-

29. eiPn 22 27 31.5, ePb 27 43, i 28 15, eiSn 28 19, i 28 35, eiSb 28 40, FX 30.0, P-azimut: N 63º E, d = 500 Kms, H = 22:26:21.5, T 0.7, A 1.9, MC 4.2.-

30. eXWZPKP1 03 13 14.2 D, e(PKP2) 14 16, ei!PP 17 44, eiPPP 21 40, iSKKS 24 32, eiPSKS 27 58, ePPS 31 42, eiSS 38 38 30, ei!SSS 45 00, i! 49 00, eL 57.0-63.0 (T 45-40), iMR 04 10.5-15.0 (T 34-30), eiR 16.0-20.0 (T 26-24), eL 21.0 (T 20), F 05 20, R-azimut: NW-NNW, d = 18 900 Kms, H = 02:53:14, T 0.7, A 1.5, CGS: Mar Molucas, 1.6 S, 126.7 E, M 5.2, h = 33 Kms.-

30. iPn 10 01 30.8, eiPb 01 55, iSn 02 51.0, eiSn 02 56, i 03 10, FX 04.0, T 0.4, A 1.4, d = 850 Kms, H = 09:59:34.8, T 0.4, A 1.4, CGS: Estrecho de la Mona, 18.5 N, 68.7 W, M 4.7, h = 121 Kms.-

30. eiXPg 22 53 18.0 C, iXSg 53 20.6, FX 54.0, d = 21 Kms, H = 22:53:14, T 0.3, A 1.0, MC 2.8.-

G.Fiedler

E. de Gyomrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES

Caracas - Venezuela

BOLETIN SISMICO MENSUAL

Julio 1.965

1. eXP 05 01 25.3 D, FX 03.0, T 0.6, A 3.0, CGS: H = 04:54: 51.9, reg. frontera Chile-Argentina, 23.3 S, 67.8 W, M 5.1, h = 91 Kms, d = 3 800 Kms.-

1. eWZPP 23 31 16, eiPPP 33 34, iSKS 37 22, i!S 38 42, ei (PKKP) 43 32, e!SS 45 34, eiSSS 24 00.0, CGS: H = 23:12: 45.4, Cordillera S del Océano Pacífico, 63.0 S, 163.7 W, M 5.5, h = 33 Kms, d = 11 600 Kms.-

2. eiXP 01 14 24.5, FX 15 50.0, T 0.7, A 1.3, CGS: H = 01:09: 44.2, N del Perú, 7.6 S, 76.9 W, M 4.4, h = 17 Kms, d = 2 250 Kms.-

2. iXP 02 32 52.2, eXL 39 23.0, FX 41.0, T 1.0, A 2.0, CGS: H = 02:28:12.7, N del Perú, 7.6 S, 76.8 W, M 4.4, h = 21 Kms, d = 2 250 Kms.-

2. eXWZP 21 11 23.2 D, eXPP 14 51.0, cXSKS 21 48, iPPS 24 18, iSS 27 56, eiPKKP 29 30, e!(PKP) 36 05, eiL 43.5-50.0 (T 40-30), eiR 52.0 (T 20), F 22 50.0, P-azimut: NW-NNW, d = 9 800 Kms, H = 20:58:40, CGS: Islas Fox, Aleutianas, 53.1 N, 167.7 W, M 6.6, h = 59 Kms, daños menores en las Islas Unimak.

3. iXP 02 31 14.5 D, e 31 46, iS 38 30, ei(SS) 42 51, eiR 45.7-55.0 (T 30-16), F 03 15.0, P-azimut: N 60º E, d = 5 750 Kms, H = 02:22:14.5, T 0.8, A 3.2, CGS: N del Océano Atlántico, 52.7 N, 32.1 W, M 5.3, h = 36 Kms.-

3. eX(WZ)PKP1 11 45 45.0 D, eiPP 49 24, eSKS 53 27, ei(PPS) 12 03 15, eSS 08 40, eSSS 14 30, eiR 40.0-44.0 (T 40-30), iR 58.0-59.5 (T 20), F 14 30.0, R-azimut: NE, d = 16 300 Kms, H = 11:26:15, T 0.8, A 4.4, CGS: reg. frontera Burma-China, 22.6 N, 101.4 E, M 5.2, h = 33 Kms.-

4. iXPn 14 22 00.0, eiPb 22 05, iPg 22 12, iSn 22 25, iSb 22 32, iSg 22 39, FX 25.0, R-azimut N 80º W, d = 230 Kms, H = 14:21:28.5, T 0.5, A 4.0, MC 3.7, sentido en Coro con 4 MCS.-

5. (eX) 06 48 (30), eiX 49 45, iX 50 14, FX 51.0.-

5. e!XP 08 40 49.7 D, epP 41 11, ePPP 43 31, ei!S 47 56, iScS 50 40, iSS 51 30, iSSS 52 30, iMR 55.0-64.5 (T 30-18), eiR 09 10.0 (T 16), F 10 00.0, R-azimut: N-NNE, d = 5 650 Kms, H = 08:34:54.7, T 1.5, A 6.2, CGS: N del Océano Atlántico, 52.9 N, 34.2 W, M 5.7, h = 33 Kms.-

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Continuación del mes de Julio de 1965.

5. eX 19 15 02.1 D, iX 15 30.0, FX 16.0, T 0.3, A 4.2.-

5. eiXP 20 36 15.2, FX 37.0, T 0.5, A 1.6, CGS: H = 20:28:16.5, reg. frontera Chile-Argentina, 33.6 S, 70.5 W, M 4.3, h = 99 Kms, d = 5 000 Kms, sentido en Santiago, Chile.-

6. iXWZP 03 31 09.7 D, ePP 34 04, ePPP 36 30, e(SKS) 40 40, i!S 41 30, eiPS 42 22, ei(PPS) 43 00, eiSS 47 00, iL 55.0-59.2 (T 32-20), iR 04 00 04.0 (T 32-26), ei!L 09.0 (T 22), eiR 17.0 (T 18), F 05 30, P-azimut: N 45º E, d = 9 400 Kms, H = 03:18:44, T 1.2, A 9.0, CGS: Grecia, 38.7 N, 22.6 E, M 5.9, h = 28 Kms, 1 muerto, 6 heridos y daños materiales en el N de Peloponesos. Ola sísmica en Eratini.-

6. eiX 06 23 26.5 C, FX 26 30, T 0.7, A 1.5.-

6. eiXWZ PKP 18 55 02.0, iXWZ 55 15.0, eiXPP 58 03, i!WZSKP 58 51, e!PPP 19 01 00, ei(SKS) 01 50, eiSKKS 05 00, iPSKS 07 52, ePPS 10 00, ei!SS 15 44, i!SSS 21 00, F 20 50.0, d = 15 500 Kms, H = 18:35:50, T 1.0, A 7.2, CGS: H = 18:36:47.3, Islas Salomón, 4.5 S, 155.1 E, M 6.5, h = 510 Kms.-

6. eiX(Pg) 19 40 27.0, FX 41.0, T 0.4, A 2.2.-

6. iXPg 21 51 07.5 C, iSg 51 12.0, FX 51 30, d = 36 Kms, H = 21:51:01, T 0.4, A 1.7, MC 2.8.-

7. eX 00 06 31, eiX 07 50, FX 09 30.-

7. iXPP 22 00 39.5 C, FX 01.0, T 1.0, A 3.7, CGS: H = 21:38:50.5, S de Honshu, Japón, 32.7 N, 138.7 E, M 5.6, h = 218 Kms, d = 14 800 Kms.-

7. eWZPKP1 23 19 (30.0 C), iXPKP1 20 05.2, ePKP2 21 56, eiPP 24 00, eiPPP 30 00, ePS 32 55, ePSKS 36 35, eSS 47 30, eiSSS 53 00, F en el sismo siguiente, T 0.7, A 1.7, CGS: H = 23:00:06.8, Estrecho de Sonda, 6.9 S, 105.6 E, M 5.8, h = 109 Kms, sentido en Jakarta.

9. eXWZPn 17 34 (31.0), iX(pP) 34 40, iPb 34 57, eiPg 35 13, eiSn 36 05, iX 36 10, ei 36 33, FX 38 10.0, d = 925 Kms, H = 17:32:24.0, T 0.9, A 2.7.-

9. eWZ 17 34 16, ei 36 44 (T 26), eiMR 40.8-50.2 (T 15), F 18 00.0.-

10. eiL 05 12.5 (T 60), eiR 25.5-29.0 (T 26-20), eiR 35.0 (T 18), F 47.0, CGS: H = 04:26:41.9, cerca costa E de Kamchatka, 55.3 N, 162.6 E, M 5.0, h = 33 Kms, d = 11 700 Kms.-

11. eiXWZPn 01 54 22.5 D, ipP 54 29.0, iPb 54 36.5, i! 55 10.0, ei!Sn 55 24, eiSg 56 13, FX 02 02.0, d = 675 Kms aprox., H = 01:52:47.5, T 0.4, A 8.0.-

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Continuación del mes de Julio de 1.965.

11. iL 02 56.0 (T 30), iMR 57.5-60.5 (T 21-14), F 20.0.-

12. eWZ(PS) 06 02 20,, eiPPS 03 18, eiL 32.0-42.0 (T 18-15), F 07 00.0, CGS: H = 05:34:12.5, reg. Islas Samoa, 16.5 S, 172.9 W, M 5.0, h = 79 Kms, d = 12 200 Kms.-

14. iXP 17 12 14.3, iWZPPP 13 13, e 16 09, ei!S 16 40, ei!SS 18 31, eiL 19.0 (T 40), ei!MR 20.0-23.0 (T 28-24), eiR 26.0 (T 20), F en el sismo siguiente, T 0.9, A 1.8, d = 3 000 Kms, H = 17:06:44.3, CGS: reg. Islas Galápagos, 1.4 N, 90.7 W, M 4.7, h = 33 Kms.-

14. eXP 18 08 47.6, FX 10.0, T 0.8, A 1.8, CGS: H = 17:55:51.1, Islas Fox, Aleutianas, 52.6 N, 168.6 W, M 5.3, h = 8 Kms, d = 10 000 Kms.-

15. iXPg 05 00 34.3 C, eiSg 00 35.4, FX 02 00, P-azimut N 63º W, d = 8.8 Kms, H = 05:00:33.3, T 0.4, A 2.1.-

15. eXWZP 08 36 17.1, eL y R 44.0-47.0 (T 30-12), F 50.0, CGS: H = 08:31:24.6, frente costa N del Perú, 1.4 N, 90.7 W, M 4.7, h = 33 Kms, d = 2 450 Kms.-

15. eiXP 14 21 56.0, FX 22 20, T 0.7, A 3.0, CGS: H = 14:16: 07, frente costa E de Estados Unidos, 37.3 N, 74.3 W, M 5.1, h = 0 Kms, detonación planeada. (1 Kilotonelada).-

15. eXPn 16 56 29.0, iX 56 40, iSn 57 15, FX 17 00.0, d = 590 Kms, H = 16:55:06, T 0.4, A 2.8, M 4.5.-

15. eXPKP1 18 52 11.8, ei 52 21, i!WZPKP1 52 25, i!PKP2 18 53 05, eWZ 54 36, ePP 56 48, ei 59 40-50, iPPP 19 00 31, eSSS 23 00, F 20 00.0, T 0.7, A 3.2, d = 18 200 Kms, CGS: H = 18:33:29.9, Mindanao, 7.7 N, 123.8 E, M 5.8, h = 588 Kms.-

16. eWZ 07 39 00, eiR 41.0-48.6 (T 30-18), F 56.0.-

16. iXWZP 10 38 53.0, eiPcP 10 43 00, eiL 46.5 (T 27), iMR 50.0-53.2 (T 20-18), F en el sismo siguiente. T 0.7, A 4.2, CGS: H = 10:34:16.8, cerca costa de Nicaragua, 12.1 N, 87.7 W, M 4.8, h = 42 Kms, d = 2 300 Kms.-

16. eiXWZP 12 52 39.0 C, eiPP 53 48, ei(PcP) 56 18, eiS 57 09, ei!SS 59 00, eiMR 13 00.5-02.5 (T 34-18), eiL 04.0 (T 16), F 30.0, T 0.9, A 2.2, d = 2 900 Kms, H = 12:47: 19, CGS: reg. Islas Galápagos, 1.2 N, 90.5 W, M 5.1, h = 33 Kms.-

17. eWZPP 07 42 17, ei!SKP 43 20, ei(PPP) 46 00, eWZ(S) 50 56, ei PPS 55 13, ei!SS 08 00 04, iSSS 05 28, eL 16.5 (T 50), eL 23.0 (T 40), eL 26.0-31.0 (T 36-30), F en sismo siguiente. d = 15 250 Kms, H = 07:20:12, CGS: Islas Salomón, 9.7 S, 159.8 E, M 6.4, h = 23 Kms, sentido en Honiara.-

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17. iX(WZ)PKP 13 07 17.2, eiPP 11 00, eiSKS 15 18, ei!(S) 18 45, eiSSS 34 27, eiL 53.0 (T 38), iMR 55.0-58.5 (T 26-20), eiL 14 03.0 (T 18), F en el sismo siguiente. T 1.0, A 2.0, d = 16 250 Kms, H = 12:47:41, CGS: región Nueva Bretaña, 7.2 S, 153.6 E, M 5.7, h = 28 Kms.-

17. eiXP 14 04 23.5, FX 05 15.0, T 0.7, A 2.0, CGS: H = 13: 59:46, cerca costa de Nicaragua, 12.2 N, 87.9 W, M 4.4, h = 56 Kms, d = 2 400 Kms.-

17. iXPn 15 54 40, iSn 56 09, FX 58.0, T 1.1, A 2.3, CGS: H = 15:52:28.2, Islas Leeward, 18.0 N, 61.6 W, M 5.1, h = 38 Kms, d = 1 050 Kms.-

17. eX(Pn) 18 56 05.6, ei(Sn) 57 11.5, FX 59.0.-

19. iXXPn 04 14 13.0 D, i!Pg 14 30, eiSn 14 50, iSb 15 07, eiSg 15 17, ei!R 18.0 (T 15), F en el sismo siguiente. d = 395 Kms, H = 04:13:18, CGS: Venezuela, 9.2 N, 70.4 W, M 5.4, h = 33 Kms. Fue sentído en: Valera, Trujillo, Mérida, Maracaibo, Guanare, Barquisimeto, El Tocuyo y hasta Caracas. En el Estado Trujillo se agrietaron unas 100 casas (Trujillo, Valera, Mendoza, La Puerta, Motatán (+ 7 MCS) y Timotes). En Las Mesitas se dañaron gravemente la iglesia y la casa parroquial, la escuela nacional y casas particulares (+ 7 MCS). La población de Valera y alrededores durmieron en las calles. No hubieron muertos ni heridos.-

19. eiXXPn 04 53 23.5, iXXPb 53 35, eiXXSn 54 04, i!Sb 54 22, FX 57.0, d = 415 Kms, H = 03:52:25.5, sentido en Valera, Venezuela, 9.3 N, 70.6 W.-

19. eX 20 03 10.0, FX 03 30.-

19. iXPg 22 12 04.2 C, i!Sg 12 06.2, FX 13 20.0, P-azimut: N 78º W, d = 16 Kms, H = 22:12:01.0, T 0.7, A 7.7, MC 3.2.-

19. eiX(P) 22 38 32, FX 39 40, T 0.7, A 2.3.-

20. iX 02 35 24.7, FX 36 30, T 1.0, A 3.4.-

21. eiXXPn 16 56 39.0, eiXXPb 56 48, iSn 57 18, i 57 30, eiSb 57 37, FXX 17 00.0, d = 380 Kms, H = 16:55:45, T 0.9, A 2.8, MC 3.8.-

21. eiXX 22 41 21.0, iXX 41 24, FX 42.0, T 0.5, A 8.8.-

22. eXX(P) 03 09 (28.0), iXX(pP) 09 58, FX 10 30, T 0.7, A 3.3.-

23. iX(P) 17 08 37.7, ei 09 08, FX 10.0, T 1.1, A 4.1.-

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Continuación del mes de Julio de 1.965.

23. eiXPg 18 02 05.6, eiSg 02 07.0, FX 03 20, P-azimut: NE, d = 11 Kms, H = 18:02:03, T 0.4, A 1.4, MC 2.6.-

23. eX(P) 18 15 53.0, i 15 56.5, FX 17.0, T 1.0, A 6.5.-

23. eXPKP 21 54 09.5, FX 55.0, T 0.8, A 1.8, CGS: H = 21:34: 34.9, reg. E de Nueva Guinea, 6.3 S, 147.8 E, h = 52 Kms, d = 16 400 Kms.-

25. eiX(WZ)(PKP) 03 58 23.0 (C), eiWZ(X)PKP 59 24, ePP 04 03 14, eiPPP 07 37, eSKKS 10 00, eiPSKS 14 00, eSS 26 00, ei 39 00, eiL 45.0 (T 60), eR 55.0 (T 40), eiR 58.5-63.0 (T 32-30), eiL 05 04.0-06.3 (T 28), eiL 14.7-20.1 (T 22-20), F 50.0, T 1.2, A 2.2, d = 18 200 Kms, CGS: H = 03: 40:40.4, N de Sumatra, 2.0 N, 99.3 E, M 5.3, h = 98 Kms.-

25. eWZ 08 52 14.0, ei 52 40.-

25. eiR 09 12.0-18.6 (T 52-24), eiL 21.0-23.0 (T 18-16), F 40.0, CGS: d = 6 700 Kms, H = 08:44:22.5, frente costa N de California, 41.7 N, 126.9 W, M 5.3, h = 33 Kms.-

25. eWZR 13 44.5-51.2 (T 44-16), F en el sismo siguiente.-

25. ei!WZ 13 53 16.0, ei 53 50, eiL y R 55.5-61.3 (T 56-24), iMR 14 02.0-05.2 (T 22-15), F 30.0.-

25. eiWZL y R 15 16.0-20.0 (T 48-24), iMR 21.2-22.2 (T 20), eiL 28.0 (T 15), F 50.0, CGS: H = 14:15:52, reg. Islas Fiji, 17.8 S, 177.9 W, M 3.5, h = 491 Kms.-

25. eiXPn 19 54 34.5 D, iSn 55 54, FX 58.0, d = 835 Kms, H = 19:52:40, T 0.4, A 4.0, MC 5.0, CGS: Estrecho de la Mona, 18.1 N, 68.1 W, h = 71 Kms.-

25. eXWZP 22 00 25.0 C, ePP 04 38, ei!(PPP) 06 56, eSKS 11 00, ei!S 11 56, eiPPS 13 56, e(SS) 18 00, eiSSS 23 00, eiR 36.0-42.5 (T 34-22), iMR 43.2-46.0 (T 20-19), iML 47.0-50.4 (T 17), iR 56.2-61.0 (T 17-16), F 23 30.0, T 1.1, A 1.8, d = 11 000 Kms, H = 21:46:49, CGS: Islas Ratas, Aleutianas, 51.4 N, 176.0 E, M 5.3, h = 37 Kms.-

26. eiXPn 11 02 59.0 D, i(Pb) 03 11, eiPg 03 24, ei(Sn) 04 10, i 04 17.5, iSg 04 40, FX 07.0, T 0.7, A 3.9, P-azimut: N 136º W, d = 730 Kms, H = 11:01:13, CGS: N de Colombia, 7.4 N, 72.9 W, M 4.8, h = 170 Kms.-

26. eiXPg 15 45 12.0 C, iSg 45 14.2, FX 45 20, d = 18 Kms, H = 15:45:08.4, T 0.4, A 1.5, MC 2.6. Prob. explosión en reg. Caracas.-

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26. eiWZPP 15 42 42.0, ei!SKS 48 50, ei!SKKS 49 41, eiPS 52 00, ei(PPS) 53 00, eiSS 58 00, eiL y R 14.0-20.0 (T 40-18), eiR 26.0 (T 16), F 17 00.0, R-azimut: SW-WSW d = 12 100 Kms, H = 15:23:48, CGS: reg. Isla Samoa, 15.8 S, 172.9 W, M 4.9, h = 25 Kms.-

27. Nota: Cambio de constante en el equipo VELA LP:

T_o= 15 seg, ~~T'_o= 100 seg~~, V = 3 000 (estandard).

29. eiXXWZP 08 42 24.5 D, iXXWZpP 43 18, i!PP 46 00, eiPPP 48 08, eSKS 53 00, eiXSKKS 53 20, i 56 00, eGZL 09 17.0-21.0 (T 30-24), eiL 25.0 (T 20), eiR 28.0-32.0 (T 18-16), F 11 30.0, P-azimut: N 24º W, d = 10 200 Kms, H = 08:29:24.5, CGS: Islas Fox, Aleutianas, 51.2 N, 171.3 W, M 6.4, h = 23 Kms.-

29. iXX(WZ)Pn 08 56 09.5, eiXXpP 56 18.0, eiPb 56 33, eiPg 56 47, iSn 57 45, FXX 09 07.0, CGS: H = 08:54:01.1, Islas Leeward, 16.6 N, 60.1 W, M 5.3, h = 33 Kms, d = 950 Kms.-

29. eiXXPn 09 10 39, iPb 10 40.1, iPg 10 45, iSn 11 03, iSg 11 07, FXX 12 30, d = 95 Kms, H = 09:10:26.-

30. eXP 05 51 06.2, eXS 55 44, ei!SS 57 30, eiL 58.0 (T 50), eiR 06 02.0-03.8 (T 40-18), F 20.0, d = 3 250 Kms, H = 05:45:09, T 0.8, A 29.0, CGS: cerca costa N de Chile, 18.0 S, 70.6 W, M 5.5, h = 73 Kms, fue sentido en Arequipa.-

30. eXP 05 59 05.0, eiXP 06 00 49.0, FX 04.0, CGS: H = 05:45:04, S de las Islas Fiji, 24.3 S, 179.7 W, M 5.4, h = 549 Kms, d = 13 000 Kms.-

30. iXPn 07 21 50.0 D, eiPg 22 22, eiSn 22 59, iSn 23 06.4, iSb 23 32, iSg 23 49, FX 45.0, P-azimut: N 117º W, d = 735 Kms, H = 07:20:06, T 1.0, A 112.0, CGS: N de Colombia, 6.7 N, 73.0 W, M 5.3, h = 174 Kms.-

30. iXPg 14 39 05.4 D, i!Sg 39 07.0, FX 40.0, P-azimut: N 142º W, d = 13 Kms, H = 14:39:26, T 0.3, A 1.3, MC 2.9.-

30. eWZP 16 36 17.0 C, iXP 36 18.5 D, eS 39 20, eSS 39 53, F en el sismo siguiente, d = 1 900 Kms, H = 16:32:37, T 1.0, A 4.0, CGS: Ecuador, 1.5 S, 78.1 W, M 4.6, h = 164 Kms.-

30. eWZR 16 58.0 (T 30), eiL 17 00.0-03.0 (T 24-15), eiR 05.2 (T 18), F 15.0.-

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Continuación del mes de Julio de 1.965.

30. iXP 19 05 36.0 D, eWZ 06 08, eiScS 08 30, eiS 10 54.0, eiSS 13 22, ei!SSS 13 40, eR y L 16.0 (T 58), eL 17.0 (T 40), eiR 22.0-23.0 (T 22-20), F 40.0, d = 3 850 Kms, H = 18:58:58, T 0.7, A 2.7, CGS: reg. frontera Chile-Argentina, 24.4 S, 67.7 W, M 5.3, h = 140 Kms.-

30. iXPg 22 28 58.2 D, eiXSg 29 02, FX 29 30, d = 32 Kms, H = 22:28:52, T 0.4, A 1.7, MC 2.8.-

31. eiXPKP 07 11 55.0, FX 13.0, T 0.7, A 2.1, CGS: H = 06:52: 18.3, reg. Nueva Bretaña, 5.9 S, 148.5 E, M 4.5, h = 65 Kms, d = 16 400 Kms.-

31. eiX 15 32 18.0, iX 32 32, FX 33 27.-

31. eiXPg 19 41 12.2 C, iSg 41 15.0, FX 42.0, P-azimut: N 114º W, d = 25 Kms, H = 19:41:07, T 0.4, A 2.8, MC 2.9.-

G.Fiedler

E. de Gyomrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

AGOSTO 1.965

1. eWZ 11 09 18.0, eL 20.0-24.0 (T 50-30), iMR 25.8-29.0 (T 22-15), F 45.0.-

1. eiWZ 15 28 22, e 32 24, eiL 40.0-47.0 (T 50-20), eiR 48.5-52.3 (T 24-20), iR 55.0 (T 21), F 16 30.0.-

1. iXPn 16 47 32.7 C, i(Pb) 47 38, eiSn 47 51, iSb 47 54.5, FX 48 30, P-azimut: N 112º W, d = 150 Kms, H = 16:47:23, T 0.2, A 1.7, MC 4.3.-

1. eXPn 22 52 53.7 C, eiPb 53 05.3, ePg 53 17, e 53 40.5, ei 53 45, iSn 53 49, iSb 54 14, iSg 54 24, FX 56.0, d = 575 Kms, H = 22:51:33, T 0.5, A 2.0.-

1. eWZ(SKS) 24 09 24, ei SKKS 10 32, e(S) 11 00, ei!PS 13 38, eiSS 20 00, eSSS 24 25, e 31 00, eiL 38.5-43.0 (T 45-24), eR 51.0 (T 18), eiR 55.0-59.0 (T 16-15), F 25 30.0, d = 12 900 Kms, H = 23:44:24, CGS: S de las Islas Kermadec, 32.5 S, 178.9 W, M 5.8, h = 44 Kms.-

2. iXPg 10 45 55.0 C, iX 45 57.0, iSb 45 58.5, i!Sg 46 00, iX 46 03, FX 46 30, P-azimut: N 72º E, d = 55 Kms, H = 10:45:45, T 0.3, A 4.0, MC 3.8.-

2. eXPKP 13 38 57.5 C, ei!WZPP 40 36, ei!SKS 45 52, iSKKS 47 40, eS 48 40, ei!PS 50 44, eiSS 57 50, ei!L 11.3-15.6 (T 60-36), eiR 18.0 (T 40), T 1.0, A 1.8, CGS: H = 13:19: 54.7, reg. Islas Macquarie, 56.2 S, 158.2 E, M 6.7, h = 33 Kms, d = 14 100 Kms.-

2. eiXPn 14 37 10.0, i!X 37 12.5, ei 37 25, ei 37 43, iXSn 39 00, iGZ 40 20, i 40 40, FX 45.0, P-azimut: N 125º W, d = 1 300 Kms, H = 14:34:50, T 0.7, A 6.8, CGS: Panamá 7.4 N, 78.7 W, M 5.6, d = 22 Kms.-

2. eXP 16 46 00.5 C, iXpP 46 05.5, iPP 46 17, eiSS 48 12, iSS 48 20, i!L 48.5, FX 53.0, d = 1 300 Kms, H = 16:43:30, T 0.8, A 9.2, CGS: Panamá, 7.4 N, 78.7 W, M 5.6, h = 22 Kms, fue sentido en los alrededores de Balboa, zona del canal.

2. eXP 18 07 43.5, iPP 07 50.6, eS 09 52, iS 10 00, eiSS 10 40, iSSS 11 06, FX 14.0, d = 1 400 Kms, H = 18:04:53, T 0.7, A 4.2, CGS: Panamá, 7.5 N, 78.5 W, M 4.8, h = 33 Kms.-

Continúa

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Continuación del mes de Agosto de 1.965.

2. eXP 18 47 09.0, iXpP 47 13.0, eiS 49 21, ei!S 49 27, eiSSS 50 20, FX 53.0, d = 1 250 Kms, H = 18:44:29, T 0.8, A 2.4, CGS: Panamá, 7.7 N, 78.4 W, M 5.0, h = 33 Kms.-

2. eXP 19 10 35.5 D, iXPP 10 44.5, eS 12 40, eiS 12 49, FX en el sismo siguiente, P-azimut N 126º N, d = 1 350 Kms, H = 19:07:57, T 1.0, A 10.0, CGS: Panamá, 7.4 N, 78.8 W, M 5.2, h = 33 Kms.-

2. eXP 19 20 (31.0), eiPP 20 45, e(S) 22 50, eiSS 22 58, FX 26.0, d = 1 250 Kms, H = 19:17:56, T 0.4, A 1.8, Panamá, 8.3 N, 78.2 W, M 4.1, h = 35 Kms.-

2. iXP 20 46 16.3 D, ipP 46 21, eiSn 48 30, iSn 48 34, FX 53.0, P-azimut:(N 140º W), d = 1 400 Kms, H = 20:43:32, T 0.5, A 3.3, CGS: Panamá, 7.5 N, 78.4 W, M 4.7, h = 33 Kms.-

3. eiXWZP 02 06 55.0, iWZPP 07 30, eiWZ 08 25, eiS 11 05, i!S 11 10, eiSS 12 30, iL 13 40, iR 14.0-17.0 (T 25-15), iR 18.2-20.0 (T 15-12), F 03 00.0, P-azimut: N 135º W, d = 2 750 Kms, H = 02:01:45, T 1.2, A 18.0, CGS: frente costa N del Perú, 7.7 S, 81.3 W, M 5.8, h = 49 Kms.-

3. eiXP 19 58 59.5 D, eXS 20 01 18, iXS 01 23, eiL 03.0-05.0 (T 32-26), iR 05.0-06.0 (T 20-18), F 20.0, P-azimut: (N 140º W), d = 1 350 Kms, H = 19:56:19, T 0.8, A 4.5, CGS: Panamá, 7.8 N, 78.4 W, M 4.5, h = 33 Kms.-

3. iXPg 20 16 17.3 C, iXSg 16 19.0, FX 17.0, d = 14 Kms, h = 20:16:14, T 0.2, A 1.2.-

4. eX(P) 01 11 27.5, i!PP 12 08.6, eiWZL y SS 18.0 (T 40), eiR 19.7-22.5 (T 40-20), FX 26.0, (P-azimut: N 38.5º W), d = 3 050 Kms, H = 01:05:53, (T 0.7, A 7.7), CGS: Oaxaca, México, 16.8 N, 94.5 W, M 5.2, h = 117 Kms.-

4. iXPn 02 18 06.7 D, i(pP) 18 11, e 18 14, iPb 18 21, eiPg 18 31, eiSn 18 54, i!Sn 18 57, eiSb 19 15, iSg 19 25, FX 21.0, P-azimut N 111º W, d = 480 Kms, H = 02:17:00, T 0.4, A 2.4, MC 4.3, fue sentido en Valera, entre 4 y 5 MCS.-

4. eXP 04 37 11.5 D, eX(PP) 37 25.5, FX 41.0, CGS: H = 04:34:39.6, Panamá, 7.9 N, 78.5 W, M 4.0, h = 23 Kms, d = 1 300 Kms.-

5. eWZPKP 00 27 07.0 C, eiXPKP 27 13.0 D, i!WZXPP 30 24.0, eiSKP 31 00, ei!PPP 33 52, e(SKKS) 36 32, eiPSKS 40 34, eiPS 41 30, eiPPS 42 56, eiSS 49 24, ei(SSS) 57 24, ei!L 01 09.0-13.0 (T 60-36), ei!MR 14.0-19.0 (T 36-22), eiR 21.0 (T 24), F 03 00.0, R-azimut: NW-NNW, P-azimut: N 42ºW, d = 15 900 Kms, H = 00:07:52, T 1.4, A 8.4, CGS: reg. Nueva Bretaña, 5.3 S, 151.7 E, M 6.3, h = 47 Kms, fue sentido en la parte E de Nueva Bretaña.

Continúa

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Continuación del mes de Agosto de 1.965.

5. iXPn 11 37 42.5 C, ei 37 45, ei(Pb) 37 50, eiSn 38 09, iSb 38 14, eiSg 38 18, FX 40 20, P-azimut: N 61º W, d = 225 Kms, H = 11:37:11.0, T 0.4, A 4.5, MC 3.9.-

6. eiX(WZ)P 02 07 21.0 C, ei(S) 14 20, eiSSS 19 00, eiR y L 21.5-25.0 (T 44-24), eR 28.0 (T 15), F 45.0, T 0.7, A 2.2, d = 5 400 Kms, H = 01:58:43, CGS: Cresta Central del Océano Atlántico, 0.5 S, 19.6 W, M 5.1, h = 33 Kms.-

6. eXPb 22 39 04.3, iXPg 39 04.8, iX(Sb) 39 07.2, i 39 10.0, FX 40.0, T 0.3, A 2.2, d = 59 Kms, H = 22:39:54, MC 3.3.-

8. eX(WZ)P 06 38 05.0, iXpP 38 36.5, eWZ(PPP) 39 40, ei(S) 43 50, eL y SS 46.0 (T 50), eiL 49.0 (T 18), eiR 51.5 (T 16), eR 55.0 (T 12), F 07 15.0, (P-azimut: S 17º W, d = 3 500 Kms, H = 06:31:51, T 0.7, A 5.4, CGS: reg. frontera Chile-Bolivia, 20.3 S, 68.4 W, M 5.3, h = 89 Kms fue sentido en Iquique.-

8. eX 20 31 04, FX 32.0, T 0.6, A 1.5.-

8. eWZL 23 43.5 (T 60), eL 45.0-49.0 (T 40-22), eiR 49.5-54.0 (T 20-15), F 24 46.0, CGS: H = 23:11:30, reg. Tristán Da Cunha, 39.9 S, 15.9 W, M 4.4, h = 33 Kms, d = 7 800 Kms.-

9. eiX(Sn) 05 31 09, FX 32.0.-

9. eXP 08 44 17.1 D, iPP 44 37, eWZS 47 25, eL y R 51.0 (T 30), eR y L 52.8 (T 18), F 09 00.0, P-azimut: SW, d = 2 000 Kms, H = 08:40:27, T 0.9, A 8.8, CGS: Ecuador, 1.3 S, 78.7 W, M 5.1, h = 133 Kms.-

9. iXPKP 17 46 05.4, FX 47.0, CGS: H = 17:26:42.9, reg. Nueva Bretaña, 5.7 S, 148.5 E, M 5.1, h = 130 Kms, d = 16 500 Kms, T 1.1, A 2.8.-

9. iX 22 35 49.5 C, F 36.0.-

9. iXP 23 19 47.5, eWZPcS 25 30, ei!SS 28 00, eiR 32.5-36.0 (T 40-24), eiL 37.0 (T 20), eiR 40.2 (T 16), F 24 00.0, R-azimut: (SW), d = 4 350 Kms, H = 23:12:27, CGS: Chile Central, 28.6 S, 71.0 W, M 5.3, h = 15 Kms, fue sentido en Copiapó.-

10. iXPn 01 16 30.4 C, eiPb 16 45, eiXSn 17 20, iSn 17 22.5, ei 17 35, FX 19.0, P-azimut (NE), d = 510 Kms, H = 01:15:19, T 0.5, A 2.2, MC 4.1.-

11. eWZ(P) 03 56 (43.0), ei!WZXPKP 03 59 58.0, i!PP 02 02, eXSKS 07 06, iS 10 00, i!(PS) 12 26, ei!(PPS) 13 24, eiSS 19 00, i!L 28.0 (T 60), i!MR 41.5-47.0 (T 45-30), F en el sismo siguiente, P y R-azimut: SW, d = 14 400 Kms, H = 03:40:(38), T 0.9, A 3.4, CGS: Islas Nuevas Hébridas, 15.4 S, 166.9 E, M 6.3, h = 26 Kms.-

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Continuación del mes de Agosto de 1.965

11. eX(Sn) 17 14 (52.5), FX 15 30.-

11. eiXP 18 19 27.5, eiPP 19 45.5, FX 21.0, T 1.3, A 4.4, CGS: H = 18:15:34.8, Costa Rica, 10.9 N, 83.1 W, h = 3 Kms, d = 1 800 Kms, fue sentido.

11. iXPn 19 43 06.9, iXpP 43 14, eiPb 43 27, eiPg 43 37.5, eiSn 44 18, iSn 44 23, eiSb 44 52, iSg 45 14, FX 47.0, P-azimut: N 124º W, d = 790 Kms, H = 19:41:20.9, T 0.7, A 4.0, CGS: N de Colombia, 6.9 N, 73.0 W, M 4.7, h = 156 Kms.-

11. iXPn 20 05 56.5 C, i(pP) 06 08, ei!Pb 06 13, eiPg 06 27, eiSn 06 59, ei 07 09, ei 07 13, iSb 07 25, iSg 07 42, i 08 15, FX 15.0, P-azimut: N 119º W, d = 760 Kms, H = 20:04:17, T 1.1, A 19.0, CGS: N de Colombia, 6.8 N, 72.9 W, M 5.2, h = 171 Kms, fue sentido en Bogotá y Bucaramanga.-

11. eiXPKP 22 50 51.8 C, ei!(GZ)XPP 53 21, eiPPP 56 30, ePS 23 03 54, eiSS 11 10, eL 33.0 (T 40), eiR 35.0-39.0 (T 34-32), eiL 45.0 (T 18), F en el sismo siguiente. d = 14 500 Kms, H = 22:31:40, T 1.4, A 4.9, CGS: Islas Nueva Hébridas, 15.8 S, 167.2 E, M 6.4, h = 33 Kms, hubo daños en Santo Espíritu.-

12. eXPKP 08 20 46.9 D, i!PP 23 02, eiPPP 26 00, eiSKS 27 38, eS 31 00, eSS 41 00, eiSSS 44 30, eiL 48.0 (T 60), eiR 49.0 (T 40), eiR 52.0-55.0 (T 34), F 11 15.0, d = 14 350 Kms, H = 08:01:47, T 1.0, A 2.7, CGS: Islas Nuevas Hébridas, 15.9 S, 167.5 E, M 6.3, h = 25 Kms, fue sentido en Port Vila.

12. eXPKP 13 16 24.0, eiXWZPKP 16 37, e 19 00, iPP 19 54, iSKP 20 30, eiPPP 23 30, iSKS 23 48, eiPSKS 30 00, eiPPS 32 30, eiSS 38 54, eiSS 43 00, eiL 14 03.0-05.0 (T 40-36), eiL 06.5-08.5 (T 28-26), eiR y L 13.0-15.0 (T 30-24), iR 16.0-19.0 (T 22-20), eiR 19.0-24.0 (T 20), F 16 20.0, R-azimut: W-WSW, d = 15 900 Kms, H = 12:57:09, T 1.5, A 8.8, CGS: reg. Nueva Bretaña, 5.3 S, 152.2 E, M 5.9, h = 41 Kms, fue sentido.-

13. eiXP 00 59 17.4 C, ei!XPP 01 00 09, eiX 02 21, eiWZS 03 00, ei 05 00, eiL y R 06.0-09.0 (T 36-18), eiL 10.0 (T 17), F 30.0, (P-azimut: W-WSW), d = 2 450 Kms, H = 00:54:39, T 1.3, A 4.2, CGS: reg. frontera Perú-Ecuador. 4.3 S, 81.0 W, M 5.1, h = 34 Kms.-

13. eWZPP 11 46 08, eSKP 47 20, eSKKS 52 30, eS 53 40, eiPS 56 23, ePPS 57 40, eSS 12 02 30, ei!SSS 08 00, eiL 25.0-28.0 (T 32-24), eiR 28.6-32.0 (T 22-20), F en el cambio de las gráficas, d = 14 350 Kms, H = 11:24:48, CGS: Islas Nueva Hébridas, 16.0 S, 167.0 E, M 5.5, h = 33 Kms.-

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Continuación del mes de Agosto de 1.965

13. eXPKP 12 59 27.0, ei!WZPKP 59 36, ei!PP 13 01 33, ei!SKP 02 (50), eiPPP 04 40, ei(SKKS) 07 50, eSS 19 00, eSSS 22 18, eiSSS 23 30, eiL y R 46.0 (T 22), eiL y R 59.0 (T 16), F 16 00.0, (P-azimut: W-WNW), d = 14 350 Kms, H = 12:40:17.0, T 1.2, A 3.3, CGS: Islas Nuevas Hébridas, 15.9 S, 166.8 E, M 5.6, h = 33 Kms.-

13. eWZPKP 22 17 09.7 C, eiXPKP 17 10.0 D, eiSKP 20 48, eSKKS 26 50, eiPSKS 30 42, eiPPS 33 00, eSS 39 00, eSSS 44 45, eL 57.0 (T 60), eL 23 02.0 (T 30), eiR 09.0-14.0 (T 30-24), eiL 17.0 (T 20), eiR 20.0 (T 20), F 24 22.0, P-azimut: W-WSW, d = 16 450 Kms, H = 21:57:39, T 1.0, A 20.0, CGS: reg. Nueva Bretaña, 6.4 S, 148.5 E, M 5.2, h = 51 Kms.-

14. eiWZPP 11 29 08, eSKP 30 00, eiPPP 32 10, eiSKS 34 00, eiPPS 40 28, eiSS 45 34, SSS 51 00, eiR 12 08.0-15.0 (T 34-20), eR 15.0-20.0 (T 18), F 13 30.0, R-azimut: SW-WSW, H = 11:07:38, CGS: Islas Nuevas Hébridas, 15.8 S, 166.8 E, M 5.5, h = 33 Kms.-

15. eX(Pn) 01 51 (13.0), e(Sn) 52 04, FX 53 30.-

15. eXP 19 39 21.5 C, i!X 39 24.2 C, ei(PP) 39 54, eS 41 12, eiXSS 41 50, iXSSS 42 22, i!R 43.5 (T 10), FX 52.0, P-azimut: (S 28º E), d = 1 080 Kms, H = 19:37:01, T 0.5, A 3.9, CGS: Brasil, 2.7 N, 60.1 W, M 4.8, h = 33 Kms.-

16. eX 03 08 (53.0), FX 09 30.0, T 0.7, A 2.4.-

16. eXP 04 44 (00), eiS 49 46, iMR 53.0-56.0 (T 32-20), eiR 05 02.0 (T 16), F 15.0, R-azimut: (NE), d = 4 300 Kms, H = 04:36:40, T 0.9, A 1.6, CGS: Cresta del Atlántico Norte, 35.2 N, 35.6 W, M 4.8, h = 33 Kms.-

16. eXP 12 19 38.5, eiWZPP 19 47.0, eiXS 22 10, eiX(SS) 22 27, iWZR 26.0-29.5 (T 21-18), iL 29.0-30.0 (T 12), F en el sismo siguiente. T 0.7, A 8.8, CGS: H = 12:16: 49.9, cerca costa W de Colombia, 5.2 N, 77.5 W, M 5.1, h = 15 Kms, d = 1 400 Kms.-

16. iXP 12 45 01.1 C, eiWZPP 46 53, eiPPP 47 35, eiS 51 56, i!S 52 00, i(SS) 55 00, ei(SSS) 56 00, ei!R 58.5-61.0 (T 50-24), iL 13 02.0 (T 24), eiR 06.0-09.5 (T 15-14), iL 06.5-08.5 (T 12-11), F en el sismo siguiente, R-azimut: SE-SSE; P-azimut: SE, d = 5 400 Kms, H = 12:36:35, T 0.7, A 6.2, CGS: Cresta central del Océano Atlántico, 0.6 S, 19.9 W, M 6.1, h = 33 Kms.-

16. eXPn 15 22 (55.0), iSn 22 59, FX 23 20, d = 45 Kms, H = 15:22:47, T 0.6, A 3.0, MC 2.8.-

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Continuación del mes de Agosto de 1.965.

17. eX(WZ)PKP1 10 55 (02.0), eiXpPKP 55 29.2, iWZPKP2 56 16, eSKP 58 43, eiSKS 11 02 06, eiSKKS 06 40, eiPSKS 11 22, ei!SSS 26 30, eL 43.0-48.0 (T 60-46), eiL 55.0 (T 35), eiR 12 02.0-05.5 (T 26), eiR 12.0-15.0 (T 24-20), eiR 23.5 (T 18), F en el cambio de las gráficas, d = 19 000 Kms, H = 10:34:54, T 1.3, A 2.2, CGS: N de Sumatra, 5.3 N, 96.2 E, M 5.3, h = 33 Kms.-

17. eiXP 14 07 31.5, iXPP 08 23, eWZS 12 37, eiSS 14 10, eiL y R 15.0-19.0 (T 40-20), F 25.0, R-azimut: W-WNW, d = 3 000 Kms, H = 14:02:09, T 0.6, A 2.5, CGS: reg. frontera México-Guatemala.-

18. eXPn 06 11 35.5 D, iPg 11 45, ei 11 52, eSn 11 58, ei 12 02, iSb 12 05, i 12 15.6, e! 12 20, FX 13 30.0, d = 210 Kms, H = 06:11:07, T 0.5, A 1.0, M 3.1.-

18. eWZL y R 15 06.0 (T 30), eiR 09.0-12.0 (T 22-20), F en el sismo siguiente. CGS: H = 14:14:28.6, reg. Islas Tonga, M 5.0, h = 20 Kms, 23.3 S, 175.3 W, d = 12 700 Kms.-

18. eWZR 15 28.0 (T 30), eiR 30.0-33.0 (T 22-20), F en las ondas superficiales siguientes. CGS: H = 14:38:29.5, reg. Islas Tonga, 23.7 S, 175.3 W, M 4.8, h = 20 Kms, d = 12 700 Kms.-

18. eiL 15 46.2 (T 60), eR 51.0 (T 52), eiL 52.0-54.5 (T 34-30), iL 56.0 (T 32), iR 57.5-59.0 (T 25-22), F en el sismo siguiente. CGS: H = 14:51:29.3, Islas Nuevas Hébridas, 16.0 S, 167.0 E, M 5.7, h = 5 Kms, d = 14 350 Kms, fue sentido en Port Vila.-

18. eiXPg 15 39 (21.0), iXSg 39 23.5, FX 40.0, d = 20 Kms, H = 15:39:17, T 0.4, A 1.0, MC 2.6.-

18. eiWZR 16 36.4-38.6 (T 20-18), eiL 39.0-41.6 (T 18), eiR 46.0-49.0 (T 20-18), iMR 59.0-62.0 (T 18-17), F 17 27.0, CGS: H = 15:41:06, 23.4 S, 177.2 W, M 3.8, h = 248 Kms, S de las Islas Fiji.-

18. eiXPn 19 57 37.1, ipP 57 38, ei(Pb) 57 40.5, iPg 57 43, eiSn 57 53, iSb 57 56, FX 58 20, d = 125 Kms, H = 19:57:20, T 0.4, A 4.0, MC 3.5.-

18. eiX(Pn) 20 52 34.0 D, eX(Sn) 53 23, iX 53 27, FX 56.0 T 0.2, A 1.6.-

19. eiX(P) 08 06 07.5, eiX 07 05, FX 08.0, T 0.7, A 2.0.-

19. eiX 08 50 47.0, ei 51 30, T 0.7, A 6.6.-

19. eX(PP) 20 08 34.0 C, FX 09.0, T 0.6, T 2.7, CGS: H = 19:47:22.6, S de Honshú, Japón, 30.3 N, 138.4 E, M 5.2, h = 435 Kms, d = 15 000 Kms.-

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Continuación del mes de Agosto de 1.965.

20. iXPg 03 30 08.2, iXSg 30 09.5, FX 30 40, d = 10 Kms, H = 03:30:06, T 0.3, A 1.5.-

20. e!XWZPKP1 06 14 17.0 D, i!PKP2 15 12.0, ei!PP 18 56.5, ei!SKKS 25 12, ei!PSKS 29 28, eiSS 41 00, eiSSS 47 00, eiL o R 55.0 (T 60), F 09 00.0, T 1.4, A 5.5, CGS: H = 05:54:50.0, Mar de Banda, 5.7 S, 128.6 E, M 6.2, h = 326 Kms, d = 18 600 Kms.-

20. i!XP 09 48 40.0 C, eiPP 49 36, iS 53 40, i!R y L 56.0 (T 60), iMR 10 00.0-02.0 (T 20-10), F 11 30.0, T 0.8, A 44.0, d = 3 250 Kms, H = 09:42:40, CGS: N de Chile, 19.0 S, 69.1 W, M 6.0, h = 129 Kms.-

21. eX(Sn) 14 44 26.5, FX 46.0.-

22. eiXPn 19 24 43.5, iX(pP) 24 49, ei(Pb) 24 53, eiPg 24 58, eiSn 25 22, ei 25 27, i 25 32, ei 25 41, FX 26.0, P-azimut: (NW), d = 365 Kms, H = 19:23:52, T 0.4, A 1.6, MC 4.1.-

23. eXPn 07 05 (31.0), ePg 05 39.5, ei!Sn 05 54, eiSb 06 02, eiL 06 10, eiR 06 15, FX 07.0, d = 210 Kms, H = 07:05:03, T 0.4, A 1.2, MC 3.4.-

23. eX(Pn) 07 55 (03), ei(Sn) 56 29, ei 57 08, FX 57 40.-

23. eiXP 14 21 42.0 C, FX 23.0, T 0.7, A 2.0, CGS: H = 14: 08:58.1, Turquía, 40.5 N, 26.1 E, M 5.2, h = 33 Kms, d = 9 700 Kms, fue sentido en la parte NW.-

23. eiXPn 18 16 14.0, ei(Pb) 16 28.5, eiSn 17 28, ei!Sn 17 32, ei 17 49, eiSg 18 24, FX 19 20, P-azimut: S 57º E, d = 790 Kms, H = 18:14:22, T 0.7, A 2.8, MC 4.5.-

23. eXP 19 51 56.0, iXP 51 58.5, eiPP 52 45, eiPPP 53 04, eiPcP 55 00, eiS 56 57, ei(PcS) 58 25, eiSS 58 40, ei!L 59.5 (T 50), eiL 20 02.0 (T 36), iMR 03.0-04.6 (T 24-19), iR 05.0-08.5 (T 17-14), iR 14.0 (T 14), F en el sismo siguiente. P-azimut: N 56.5º W, d = 3 200 Kms, H = 19: 46:08, T 2.5, A 13.5, CGS: Oaxaca, México, 16.3 N, 95.8 W, M 6.7, h = 28 Kms, hubieron 5 muertos, daños menores en la Ciudad de México y sentido al S del País.

23. iXPg 21 05 12.5 D, ei!Sg 05 16, FX 05 40, d = 28 Kms, H = 21:04:19, T 0.4, A 1.9.-

24. eiXWZP 01 02 22.5 C, eiS 07 15, ei!SS 08 52, eiL 09 50 (T 40), iR 11.5-14.2 (T 26-20), F en el sismo siguiente P-azimut: NW-NNW, d = 3 250 Kms aprox., H = 00:56:30.5, T 0.8, A 2.0, CGS: cerca costa de Oaxaca, México, 15.9 N, 96.2 W, M 5.5, h = 12 Kms.-

24. eXP 01 06 58.0 C, iMR 14.5-19.0 (T 40-20), eiL 22.5-25.0 (T 18-12), F 02 30.0, R-azimut: NW-WNW, CGS: H = 01:01: 00.8, T 1.0, A 3.2, Oaxaca, México, 16.2 N, 96.2 W, M 5.6, h = 31 Kms, d = 3 250 Kms.-

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Continuación del mes de Agosto de 1.965.

25. eiXPg 03 52 (08.0), iSg 52 08.5, FX 52 20, d = 4 Kms, H = 03:52:07, prob. explosión.-

25. eiXP 11 06 31.7, e ó SS 10 20, ei 12 42, i 13 22, eL 13.0 (T 32), eiR 15.0 (T 15), F 23.0, d = 1 900 Kms, H = 11:02:52, T 1.0, A 2.4.-

25. iXPg 14 08 48.0 C, iXSg 08 49.5, i! 08 50, FX 09 50, d = 12 Kms, H = 14:08:45, T 0.5, A 8.0, MC 3.1.-

25. eXP 14 56 13.0, eiX(PP) 56 44, FX 59.0, T 0.8, A 2.4, CGS: H = 14:50:36.3, reg. frontera Perú-Bolivia, 17.3 S, 69.6 W, M 4.9, h = 147 Kms, d = 3 000 Kms, sentido en Arequipa.-

25. eX 15 (03 15), eiX 05 07, eiWZR 09.0 (T 12), F 15.0, T 1.3, A 2.0.-

25. iXPg 16 56 38.8 (D), iSg 56 41.0, FX 57.0, P-azimut: N 64º W, d = 19 Kms, H = 16:56:35, T 0.3, A 2.4, MC 3.2.-

28. eXPb 16 59 (22.5) D, eiX 59 28.4, ei!Sb 59 31, iXSg 59 33.5, FX 17 00.0, P-azimut: NW, d = 65 Kms, H = 16:59:17, T 0.4, A 1.4, MC 2.8, reg. Caracas, no fue sentido.-

29. eWZ(X)P 01 50 55.4 C, ei!WZpP 51 16.5, i!XPP 51 22, i!XPPP 51 30, ei(PcP) 54 19, ei!S 55 04, i!SS 55 48,- eiL 57.0 (T 50), eiL 60.5 (T 20), iMR 59.0-61.0 (T 24), eR 02 04.0-06.0 (T 18-15), F 35.0, R-azimut: NW-WNW, d = 2 600 Kms, H = 01:46:00, T 0.7, A 2.9, CGS: Guatemala, 14.1 N, 90.5 W, M 5.0, h = 107 Kms.-

29. eX(Pn) 10 49 (37.0), ei(Sn) 50 32.5, i! 50 46, FX 52.0, T 0.4, A 1.4.-

29. eiWZR 13 47.8-51.8 (T 26-20), F en las ondas superficiales. CGS: H = 12:55:35.5, Islas Nuevas Hébridas, 15.7 S, 167.5 E, M 5.7, h = 33 Kms.-

30. eXPn 00 43 42.0, eSn 44 47, ei 44 54, i 45 02.5, FX 46.0, d = 635 Kms, H = 00:42:13, T 0.3, A 1.3, MC 4.5.-

30. eX 01 06 17, FX 07.0.-

30. eWZPKP 03 51 (00), eiPP 53 07, eiSKP 54 24, eiPS 04 03 10, ei!PPS 04 50, eSS 09 30, eL 31.0 (T 60), eiR 35.5-37.2 (T 50-40), eL 45.0 (T 30), eR 56.0 (T 20), F en las ondas superficiales siguientes. CGS: H = 03: 32:02.2, Islas Nuevas Hébridas, 16.9 S, 167.4 E, M 5.5, h = 15 Kms, d = 14 200 Kms, sentido en Norsup.

Continúa

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Continuación del mes de Agosto de 1965

30. eX(Sn) 10 35 09, iX 35 20.5, FX 37.0.-

30. eX(Sn) 11 05 (49), FX 08.0.-

30. eXPg 15 20 07.5, eiSg 20 08.5, FX 20 15, d = 8 Kms, H = 15:20:06, T 0.3, A 1.3, MC 2.8.-

30. eXPg 20 25 (33.0), ei!Sg 25 35.5, FX 26.0, d = 20 Kms, H = 20:25:(29), T 0.3, A 1.5, MC 2.9.-

31. eXP 09 19 (44.0), eWZ(PPP) 21 30, eiS 25 40, e!SS 28 38, eiScS 29 34, eiMR 30.8-35.0 (T 43-22), eiR 38.0 (T 15), F 10 25.0, CGS: H = 09:12:00.9, Cresta del Atlántico Central, 1.0 N, 27.8 W, M 5.0, h = 33 Kms, d = 4 400 Kms.-

31. eiX 20 21 (14.0), FX 21 40.-

31. eXPg 20 27 09 D, eiX 27 13,, ei!Sg 27 14.0, FX 27 30, reg. Caracas, no fue sentido. d = 40 Kms, H = 20:27:02, T 0.3, A 1.0.-

G.Fiedler

E. de Gyomrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

SEPTIEMBRE 1965

1. Microsismicidad alta en los SP:

   20^h00^m T 1.3, Z 0.06 u, N 0.06, E 0.05
   22 00 T 1.3, Z 0.05 u, N 0.05, E 0.04

2. eX(P) 04 40 (13.0), eL 05 16 (T 30), eiR 19 (T 24), eiR 24.0-27.0 (T 20-18), F 40.0, T 0.8, A 1.4, CGS: 04:26:37.3, Islas Ratas, Aleutianas, 51.9 N, 175.5 E, M 5.6, h = 31 Kms, d = 11 000 Kms.-

2. eiX(Pn) 09 28 (45.0), ei(Sn) 29 40.5, FX 32.5.-

4. eXWZP 14 44 52.2 D, iXWZ(PcP) 45 07, eiPP 48 08, eiPPP 50 00, eXSKS 54 45, eiXScS 55 17, eiPS 55 43, eiSS 15 00 08, eL 12.0 (T 36), eiL 14.7-16.9 (T 30-22), ei!MR y L 17.0-20.0 (T 24-18), eiR 23.2-26.0 (T 16-14), F 18 40.0, P-azimut: NW (N 45º W), d = 8 950 Kms, H = 14:32:50, T 0.9, A 19.5, CGS: Reg. Islas Kodiak, 58.2 N, 152.6 W, M 6.1, h = 19 Kms, fue sentido en el S de Alaska Central.-

4. eiWZXP 21 46 57.9, ePPP 49 18, e(PS) 54 41, eiSS 58 16,- eR 22 04.0 (T 50), eiMR 05.2-08.2 (T 32-20), F 45.0, R-azimut: SW, d = 6 250 Kms, H = 21:37:28, T 0.7, A 1.4, CGS: S del Océano Pacífico, 36.1 S, 98.8 W, M 5.1, h = 33 Kms.-

6. eXPKP 03 38 (24.0), eWZL 04 28.0 (T 32), eR 31.5-33.0 (T 32), eiR y L 38.0-48.0 (T 30-20), F 05 10.0, T 0.8, A 1.4, CGS: H = 03:18:39.1, reg. Taiwan, 21.2 N, 121.4 E, M 5.2, h = 33 Kms, d = 16 500.-

6. eiXPn 05 01 (40.0), eSn 03 01, eiSn 03 05, FX 06.0, d = 900 Kms, H = 04:59:43, T 0.4, A 1.3, CGS: Estrecho de la Mona, 18.7 N, 67.5 W, M 5.7, h = 33 Kms.-

6. eiWZP 21 17 38.0 C, eXP 17 38.7 D, ipP 17 47.0, e!S 20 56, eiSS 21 30, iL 22.0-25.0 (T 40-26), ei!L 25.5-27.5 (T 23-17), F 22 00.0, P-azimut: N 111º W, d = 2 100 Kms, H = 21:13:35, T 1.3, A 8.5, CGS: frente costa América Central. 6.6 N, 84.4 W, M 5.1, h = 21 Kms.-

7. eXSn 09 28 52, eiSn 28 57, FX 31.0.-

7. eXPg 23 06 (37.0), eiXSg 06 40.5, FX 07.0, d = 28 Kms, H = 23:06:32, T 0.4, A 1.2.-

Continúa

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Continuación del mes de Septiembre de 1965.

8. iXP 03 38 20.5 (C), eiWZ 38 21.0 D, e(pP) 39 08, ePP 41 20, ePPP 43 14, eiSKS 48 17, ePS 49 20, eSS 54 00, eL 04 04.0-07.5 (T 40-30), eiL 08.0-12.0 (T 28-24), eiR 13.0-18.0 (T 20-15), F 45.0, P-azimut: NW-NNW, d = 8 900 Kms, H = 03:26:18, T 0.9, A 4.0, CGS: reg. Islas Kodiak, 57.5 N, 152.1 W, M 5.6, h = 25 Kms.-

8. eX(P) 04 15 (30.0), FX 18 20, T 1.4, A 1.3, CGS: H = 04:10:35.4, Perú, 11.0 S, 73.8 W, M 4.3, h = 97 Kms, d = 2 650 Kms.-

8. eX(P) 04 19(37.0), eiX 20 38.5, eiX(Sn) 22 05, i(Sn) 22 25, i 22 42, FX 28.0, d = 850 Kms aprox., H = 04:17:(57).-

8. eX(WZ)P 11 28 (39.0), eS 38 45, eScS 39 00, eiPS 39 30, ei(PKKP) 46 32, L 56.0 (T 32), eiR 12 00.0-05.0 (T 30-20), F 36.0, d = 9 100 Kms, H = 11:16:31, T 1.0, A 1.7, CGS: S de Alaska, 55.7 N, 155.4 W, M 5.4, h = 33 Kms.-

8. iXPg 17 34 58.4, iSg 35 01.2, FX 35 30, reg. Caracas, no fue sentido. P-azimut: S 59 E, d = 23 Kms, H = 17:34:54.0, T 0.3, A 2.6.-

9. iWZ(X)P 10 06 32.0 C, i 06 33.0, iX 07 40, eiS 09 54, eiSS 10 50, iL y R 12.5-18.0 (T 40-15), F 12 30.0, P-azimut: W-WSW, d = 2 100 Kms, H = 10:02:28, T 1.4, A 29.0, CGS: frente costa de América Central, 6.5 N, 84.4 W, M 5.5, h = 27 Kms.-

10. eXPn 12 30 52.8D,i!Pb 31 01, i!Pb 31 03, iPg 31 09, eiSn 31 36, iSb 31 44, iSb 31 52, iSg 32 02, iSg 32 05, MR 32 14 (T 10), MR 32 50 (T 7), FX 41.0, P y R-azimut: W, d = 430 Kms, H = 12:29:52, T 0.8, A 10.0, MC 4.8, sentido en Caracas con 2-3 MCS, CGS: Venezuela, 10.0 N, 70.8 W, M 5.4, h = 41 Kms.-

11. eWZPKP 07 12 15.0, iXPKP 12 27.0, ePP 15 32, i!SKP 16 03, ei(PPP) 18 34, eiSKS 19 36, eiPSKS 25 16, ePPS 27 54, i!SS 34 02, eSSS 39 30, eiL 52.0-55.0 (T 58-30), iMR 08 02.0-09.8 (T 26-18), iR 10.0-12.0 (T 22-18), F 09 30.0, (P-azimut: N 16 W), d = 15 850 Kms, H = 06:53:03, T 1.5, A 6.0, CGS: reg. Nueva Bretaña, 6.3 S, 151.6 E, M 6.2, h = 48 Kms, sentido en Rabaul.-

11. iX(Pg) 15 56 52.1 D, iX(Sg) 56 53.5, FX 57.0, T 0.3, A 1.8, d = 5 Kms, H = 15:56:51.-

11. eiXPn 22 16 47.0 C, eiXpP 16 54.5, eiPg 17 12, eiSn 17 45, i!Sb 18 20, i!(Sg) 18 38, i!WZR 19.5-21.2 (T 12-07), F 28.0, P y R-azimut: SW, d = 660 Kms, H = 22:15:15, T 0.8, A 20.0, MC 5.2, CGS: frontera Venezuela-Colombia, 7.0 N, 71.8 W, M 6.0, h = 14 Kms.-

12. eiX(Pn) 01 52 (53.2 D), ei(Sn) 53 41, FX 54.5.-

Continúa

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Continuación del mes de Septiembre de 1.965

12. eWZ(X)PKP 08 59 30.0, iWZ 59 36, eiXSKP 09 03 18, eWZPPP 06 16, eiSKS 07 00, eiSKKS 09 36, ePSKS 12 50, ei(PPS) 15 00, i!SS 21 30, eiR 46.5-51.3 (T 40-26), iMR 51.8-55.0 (T 24-20), iR 10 06.0 (T 20), iR 09.0 (T 18), F 11 10.0, P-azimut: NW-NNW, d = 15 950 Kms, H = 08:40:18, T 1.2, A 6.2, CGS: reg. Nueva Bretaña. 6.3 S, 151.6 E, M 6.2, h = 48 Kms.-

12. eWZXP 20 30 46.0, ePcP 32 50, ePcS 35 55, e!S 38 30, eiPS 38 43, e(SS) 42 00, e 45 50, eiR y L 48.0-51.0 (T 38-26), i!MR 51.0-54.5 (T 22-14), F 21 26.0, P y R-azimut: SW, d = 6 200 Kms, H = 20:21:20, T 0.7, A 5.0, CGS: SE del Océano Pacífico Central, 36.4 S, 97.8 W, M 5.5, h = 33 Kms.-

12. iWZXPKP 22 21 59.0 C, ei!PP 25 32, ePPP 28 12, eiSKKS 31 30, eiPSKS 35 00, eiPPS 37 45, ei(SS) 44 00, eL 23 05.0-11.5 (T 60-30), iMR 12.0-13.0 (T 28), eiR 14.5-17.0 (T 24-20), iR 28.0-34.0 (T 18-15), F 24 30.0, R-azimut: E-ESE, d = 15 500 Kms, H = 22:02:35, T 1.2, A 6.2, CGS: reg. Archipiélagos de Chagos, 6.4 S, 70.8 E, M 6.1, h = 33 Kms.-

13. eiWZSSS 13 44 30, eiL 50.0 (T 40), eiL 59.0 (T 26), eiMR 14 04.0-09.2 (T 25-20), eiR 15.0 (T 18), F 30.0, CGS: H = 13:07:48.3, reg. Islas Komandorsky, 55.5 N, 165.7 E, M 5.4, h = 23 Kms, d = 11 350 Kms.-

13. eXWZP 16 25 12.5, ei 25 14.2, eiXPcP 26 08, eiPP 27 18, e(PPP) 28 14, eS 32 56, i!S 33 02, eiScS 35 00, ei(SS) 36 40, ei(SSS) 38 00, eL 39.0-42.0 (T 60-50), eiL 42.0-44.0 (T 40-36), iMR 44.0-48.0 (T 27-16), F 17 30.0, R-azimut: SW, d = 6 200 Kms, H = 16:15:47, T 0.7, A 4.0, CGS: SW del Oceáno Pacífico, 36.5 S, 97.5 W, M 5.4, h = 33 Kms.-

13. eX(Pg) 20 54 34.0, eiX(Sg) 54 35.0, FX 55.0, T 1.3, A 0.5.-

14. eXP 04 55 16.0, eiXpP 55 29.0, iX(PPP) 56 21.5, eiXSS 05 00 15, eiR 04.6 (T 15), F 07.0, CGS: H = 04:50:23, Perú, 12.1 S, 72.4 W, M 4.3, h = 59 Kms, d = 2 600 Kms.-

14. iX(P) 07 22 47.5, FX 32.0, T 0.4, A 2.2.-

14. eX 09 25 02, ei 26 09, FX 27.5.-

14. eiWZPKP1 08 47 10, eiPP 51 28, ePPP 54 43, eiSKKS 58 14, eiPSKS 09 01 39, eiPPS 04 30, eiSS 11 04, eSSS 17 16, eR 43.0-50.0 (T 40-20), eiR 57.0-59.0 (T 18), F 10 40.0, d = 17 900 Kms, H = 08:27:10, CGS: Mindanao, Filipinas, 8.4 N, 26.8 E, M 5.7, h = 33 Kms.-

14. eX(P) 17 28 32, eiX 29 09, FX 31.0, T 1.0, A 1.7.-

14. eiX(Pg) 18 50 34.5, i(Sg) 50 37.0, FX 51.0, d = 20 Kms, H = 18:50:30.-

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Continuación del mes de Septiembre de 1965.

14. iXPg 22 54 05.9 C, i!Sg 54 08.5, FX 55.0, d = 21 Kms, H = 22:54:02, T 0.4, A 2.2, MC 2.8.-

15. iXPn 08 41 14.7 D, e!Pb 41 35, iSn 42 32.5, ei 42 52, FX 46.0, P-azimut: N 120 W, d = 785 Kms, H = 08:39:32, T 0.8, A 2.8, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.6, h = 165 Kms.-

16. eiXP 04 20 25.3 D, eiPcS 25 50, e(SS) 33 30, eL 40.0-44.0 T 30-24), eiR 45.0-47.0 (T 22-20), F 55.0, P-azimut: N 28 W, d = 6 700 Kms, H = 04:10:25, T 1.0, A 4.8, CGS: frente costa N de California, 40.4 N, 125.7 W, M 5.6, h = 33 Kms.-

16. eiXPn 13 42 12.8, eiSn 43 29, iSn 43 31, FX 46.0, d = 815 Kms, H = 13:40:56, T 0.7, A 2.3.-

16. eiWZPKP1 14 09 50.0 C, i!XPKP2 10 23.5, eiXWZPP 14 00, eWZPSKS 24 10, T 0.7, A 1.6, T 0.9, A 1.2, CGS: H = 13: 50:11.8, Mindanao, Filipinas, 7.1 N, 126.5 E, M 6.0, h = 179 Kms.-

17. eiXWZP 11 17 32.0, iP 17 32.8, eiPP 17 45, i!S 20 36, i(SS) 21 30, iR y L 24.0-30.0 (T 22-10), F en cambio de cintas, P-azimut: N 130 W, d = 1 800 Kms, (M 6.4), H = 11:14:02, T 1.5, A 100.0, CGS: Ecuador, 1.4 S, 77.6 W, M 6.0, h = 190 Kms, sentido en Guayaquil y Quito.-

17. eX(WZ) (PKP) 16 39 46, iXPKP 40 20, eWZPP 42 14, iXPP 42 29, eiSKP 43 32, i(PPP) 46 02, eiSKS 47 00, eiSKKS 49 26, ei!(S) 50 12, ei PS 52 20, eiSS 59 00, eiL 17.0-19.0 (T 50-40), iR 25.0-30.0 (T 40-30), iMR y L 30.5-37.0 (T 23-20), iR 42.0-43.0 (T 20), F 19 30.0, R-azimut: NW-NNW, d = 14 300 Kms, H = 16:21:10, T 1.2, A 2.0, CGS: cerca costa E de Honshú, Japón, 36.3 N, 141.1 E, M 5.8, h = 72 Kms.-

18. eXPn 08 31 09.0, eiPn 31 10.0, i(Pb) 31 18, eiPg 31 30, eiSn 31 57, eiSn 32 00, eiSb 32 18, i(Sg) 32 40, eiL 34.5 (T 20), iR 35.5 (T 10), F 45.0, P y R-azimut: E, d = 550 Kms, H = 08:29:53, T 0.7, A 13.0, MC 4.6, CGS: cerca costa E de Venezuela. 10.5 N, 62.3 W, M 4.2, h = 35 Kms.-

18. iX(P) 08 32 (03), FX en el sismo anterior.-

18. eXWZP 20 58 18.0 D, e(PP) 21 00 27, eiPPP 03 00, ei!S 07 58, eiSS 12 55, eiSSS 15 30, eL 22.0-24.0 (T 40-36), eiR 29.0-32.0 (T 24-18), eiR 35.2-36.6 (T 16-15), F 22 00.0. R-azimut: NW, d = 8 250 Kms, H = 20:46:43, T 1.3, A 2.0, CGS: Golfo de Alaska, 59.5 N, 145.1 W, M 5.3, h = 22 Kms.-

Continúa

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Continuación del mes de Septiembre de 1965.

18. eXPKP1 22 23 12.0, eiWZPKP2 23 28, eiSKP 26 38, eiPP 27 32, eiSKS 30 22, ePPP 31 40, eiPSKS 37 38, e 43 44, eiSS 48 00, eR 23 19.0-25.5 (T 32-22), eR 28.5-32.0 (T 22-20), eiMR 36.0-39.0 (T 20-18), F 24 20.0, R-azimut: NW, d = 17 900 Kms, H = 22:03:16, T 0.7, A 2.3, CGS: Mindanao, Filipinas, 8.2 N, 126.8 E, M 5.6, h = 85 Kms.-

19. eiXP 01 48 37.0, i!XP 48 38.0, i(PP) 48 42.0, eiWZSS 52 08, iR 55 13, F en las ondas superficiales siguientes. P-azimut: S 32º W, d = 1 850 Kms, H = 01:45:04, T 0.1, A 7.6, CGS: Ecuador, 1.6 S, 77.6 W, M 4.6, h = 208 Kms.-

19. eWZL 02 19.0-23.0 (T 34-22), eiR 22.0-24.0 (T 20-18), eiR 28.0-30.0 (T 18-16), F 03 30.0, CGS: H = 01:26:52.5, reg. Islas Tonga, 22.1 S, 174.9 W, M 5.4, h = 33 Kms, d = 12 600 Kms.-

19. eiPKP 10 04 (10.0), FX 06.0, CGS: H = 09:44:46.6, Islas Nuevas Hébridas, 20.6 S, 169.8 E, M 5.0, h = 126 Kms, d = 14 200 Kms.-

19. eiX 19 20 35, F 21 30.-

19. iXWZP 23 25 12, i!XPb 25 20, eiPg 25 30, eSn 25 52, eiSn 25 55, iSb 26 08, eiSg 26 20, eiL 27.8 (T 20), eiR 28.5 (T 17), eiR 29.9 (T 10), F 38.0, P-azimut: N 94º W, d = 380 Kms, H = 23:24:19, T 0.7, A 5.8, (MC 4.2), CGS: Venezuela, 9.9 N, 70.3 W, M 5.0, h = 33 Kms.-

20. iX(P) 00 44 27, ei 45 14, F 47.0.-

20. eiXP 18 14 49.5 D, FX 17.0, T 1.0, A 3.8, CGS: H = 18:10: 40.0, N del Perú, 6.3 S, 75.0 W, M 5.1, h = 134 Kms, d = 2 000 Kms.-

20. eX(P) 18 18 14, ei 18 26, FX 26.0, T 1.0, A 2.5.-

21. e(X)WZPKP 01 57 14.0, iPP 02 00 24, eiSKP 01 07, iSKS 04 30, eiSKKS 06 40, ei(S) 08 30, ei!PPS 12 46, eiSSS 24 00, eiL 32.0 (T 30), ei!L 34.0 (T 36), eiR 47.0-48.0 (T 30-28), eL 54.0 (T 26), eR 58.0 (T 23), eR 03 00.0 (T 20), F en el sismo siguiente. P-azimut: NW, d = 15 700 Kms, H = 01:38:04, T 0.7, A 2.6, CGS: E del Mar de la China, 29.1 N, 128.2 E, M 6.0, h = 197 Kms.-

21. eX 02 09 28.0, eiX 09 40, FX 11.0, T 1.7, A 2.4.-

21. eXP 03 33 18.0, FX 35.0, T 1.4, A 1.6, CGS: H = 03:26: 37.2, N del Océano Atlántico, 40.7 N, 50.0 W, M 5.3, h = 23 Kms, d = 3 700 Kms.-

21. eiXPg 19 01 24.8 C, eiSg 01 25.7, FX 01 40, d = 7 Kms, H = 19:01:23, T 0.3, A 1.2, Prob. explosión en reg. Caracas.-

Continúa

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Continuación del mes de Septiembre de 1.965.

22. eXPKP 04 44 15.0, eiPKP 44 27.5, FX 50.0, CGS: H = 04:24: 47.8, Burma, 20.8 N, 99.3 E, M 5.5, h = 35 Kms, d = 16 400 Kms.-

22. eXPKP 20 21 09, eiWZPP 24 20, F 30.0, T 0.8, A 3.2, CGS: H = 20:01:49, reg. Nueva Bretaña. 5.4 S, 151.5 E, M 6.5, h = 57 Kms, d = 15 900 Kms.-

22. eiPn 20 37 15, i(Pb) 37 30, FX 40.0, CGS: H = 20:35:27, N de Colombia, 7.2 N, 72.9 W, M 3.8, h = 111 Kms, d = 780 Kms.-

22. Microsismicidad alta en los LP:

00 h :	T 7.6,	E	0.43 u,	N	0.56 u,	Z	0.86 u
06 h :	T 9.0,	E	0.67 u,	N	0.73 u,	Z	0.80 u
12 h :	T 8.4,	E	0.40 u,	N	0.53 u,	Z	1.20 u
18 h :	T 9.0,	E	0.26 u,	N	0.73 u,	Z	1.20 u
24 h :	T 8.6,	E	0.43 u,	N	0.66 u,	Z	0.83 u

23. 06 h : T 8.4, E 0.26 u, N 0.26 u, Z 0.86 u

12 h : T 8.4, E 0.20 u, N 0.30 u, Z 0.80 u

24. eX(P) 09 45 25.0, ei 45 47, FX 48.5, T 0.8, A 2.0, CGS: H = 09:40:40.1, cerca costa N del Perú, 9.3 S, 78.8 W, M 4.5, h = 49 Kms, d = 2 700 Kms.-

24. eiXPg 20 18 45.0 C, iXSg 18 47.5, FX 19.0, P-azimut: S-SSW d = 16 Kms, H = 20:18:42, T 0.3, A 1.0.-

25. eiWZR 03 24.0-30.0 (T 40-15), FX 40.0, CGS: H = 02:55:40.1, S del Océano Pacífico, 36.1 S, 103.3 W, M 4.6, h = 33 Kms, d = 6 600 Kms.-

25. eiXPP 16 09 23.0, FX 10.0, T 0.7, A 2.2, CGS: H = 15:47: 58.4, Kirgiz, URSS, 41.3 N, 74.9 E, M 5.6, h = 33 Kms, d = 13 300 Kms.-

25. eXPg 18 49 43.5, eiXSg 49 45.5, i 49 47.5, F 50.0, d = 16 Kms, H = 18:49:40, T 0.4, A 1.2.-

26. eX 06 00 25.5, FX 02.0, T 1.2, A 1.2.-

26. eX 10 42 (00), FX 44.0.-

26. eXPn 18 51 35.0, i 51 40, iPb 52 04, eiSn 53 05, eiSb 53 47, eiWZR 55.0 (T 18), F 19 00.0, P-azimut: 110º W, d = 940 Kms, H = 18:49:26, T 0.5, A 3.8.-

26. ei!P 21 45 00.0, eiPcP 45 25, eiS 54 22, ei!PS 55 00, eiL 22 04.0-08.2 (T 60-28), ei!(Z) 07 12.0, eiR 11.8-15.8 (T 22-19), iR 17.8-19.5 (T 17), F 23 30.0, R-azimut: SE, d = 7 850 Kms, H = 21:33:56, T 0.9, A 5.1, CGS: reg. S de las Islas Georgias. 54.8 S, 38.2 W, M 6.3, h = 33 Kms.-

Continúa

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Continuación del mes de Septiembre de 1.965.

27. eiP 03 20 00.8 C, eiS 23 38.0, eSS 24 45, e 25 46, eL 25.5 (T 30), eiR 27.0-28.5 (T 19-10), F 37.0. P-azimut: N 140º W, d = 2 250 Kms, H = 03:15:50, T 0.8, A 4.4, CGS: cerca costa de Ecuador, 1.4 S, 80.6 W, M 4.6, h = 94 Kms.-

30. eX 15 06 (52.0), eiX 07 47.0, FX 09.0.-

30. eXPg 16 24 (55.3), iXPg 24 55.4 C, iSg 24 57.8, FX 26.0, P-azimut (N 48º E), d = 20 Kms, H = 16:24:51.4, T 0.3, A 5.8, MC 2.6.-

30. e(X)WZP 23 59 27.0, eiPcP 59 50, eiPP 24 02 00, ePPP 04 00, eS 09 03, eiPS 09 35, eiSS 14 00, eiSSS 17 00, eiL 19.2-25.0 (T 60-32), eR 22.0-27.5 (T 60-29), iL 31.0 (T 17), iR 35.0-38.0 (T 17-15), F 25 30.0, R-azimut: NW-NNW, d = 8 300 Kms, H = 23:47:50, CGS: Golfo de Alaska, 59.7 N, 143.4 W, M 4.8, h = 19 Kms.-

G.Fiedler

E.de Gyomrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES
Caracas - Venezuela

BOLETIN SISMICO MENSUAL

OCTUBRE 1.965

1. eiXWZP 09 05 38.0, ei!XPP 09 40, eiPPP 11 45, eiSKS 16 15, eiSKKS 16 36, eiS 17 15, iPS 18 21, ei!PPS 19 24, iSS 23 50, i 21 50, ei!SSS 27 50, eiL 33.0-39.0 (T 50-36), eiR 38.0-42.0 (T 60-32), iML y R 41.0-48.5 (T 40-22), iR 53.0 (T 18), F 11 30, T 1.2, A 5.0, P-azimut N 32º W, d = 11 000 Kms, H = 08:52:02, CGS: Islas Ratas, Aleutianas, 50.1 N, 178.3 E, M 6.3, h = 32 Kms, fue sentido en Adak.-

1. eiXPg 22 30 25.0 D, iSg 30 28.0, FX 31.0, T 0.4, A 1.9, P-azimut: S 80º E, d = 24 Kms, H = 22:30:20, MC 2.8, no fue sentido.-

1. eXWZP 22 46 23.0, eiS 56 16, eiScS 56 38, eiPS 57 20, eiSS 23 01 40, eiSSS 05 40, eiL 08.0-13.0 (T 60-35), eiLR 13.0-18.2 (T 34-20), iR 20.0-22.5 (T 20-18), F 24 00.0, T 1.3, A 2.1, d = 8 800 Kms, H = 22:34:27.0, CGS: reg. S de las Islas Sandwich, 60.7 S, 24.9 W, M 6.0, h = 33 Kms.-

2. eiXPg 15 29 11.0 C, iSg 29 12.5, FX 29.5, d = 12 Kms, H = 15:29:08.5. Prob. explosión en reg. Caracas.-

3. eiXP 10 59 15.0, iP 59 15.5 D, FX 11 00 30, T 0.9, A 7.2, CGS: H = 10:46:16.7, Islas Fox, Aleutianas, 52.6 N, 170.6 W, M 5.3, h = 22 Kms, d = 10 200 Kms.-

3. eiXWZP 16 24 16.5 D, eiPcP 25 19, iPP 26 40, eiPPP 27 35, eiS 32 12, eiPS 32 30, eiScS 34 00, ei!(SS) 35 45, ei(SSS) 37 12, eiL 39.0 40.0 (T 40), i!L 44.0-46.5 (T 30-28), i!ML 46.5-51.0 (T 24-12), iMR 49.8-53.2 (T 22-12), F en el sismo siguiente, T 1.0, A 5.5, P-azimut: S 25º W, d = 6 150 Kms, H = 16:14:53, CGS: frente costa S de Chile, 42.9 S, 75.4 W, M 6.0, h = 28 Kms.-

4. iX(WZ)PKP 00 32 59.5 D, FX 36.0, T 0.8, A 22.5, CGS: H = 00:13:25.8, reg. E de Nueva Guinea, 6.4 S, 147.4 E, M 5.8, h = 75 Kms, d = 16 500 Kms, fue sentido en Lae y Saidor.-

4. eiX(P) 01 39 29.4 C, eX 45 36.0, FX 47.0, T 0.4, A 3.8.-

4. eXWZP 06 26 43.0 D, iXpP 26 54.0, eWZS 29 52, ei!SS 30 42, eiL 31.0 (T 44), iML 32.0-34.2 (T 25-18), iMR 33.8-35.0 (T 18), eiR 38.0 (T 22), F 07 00.0, T 1.5, A 1.9,(T 0.9, A 7.8), CGS: H = 06:23:04.5, reg. frontera Panamá-Costa Rica, 8.9 N, 82.7 W, M 4.6, h = 38 Kms, d = 1 800 Kms.-

Continúa

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Continuación del mes de Octubre de 1.965.

4. eXPn 23 52 43.5, eiXpP 52 50, i(Pb) 52 53, iSn 53 29, eiSn 53 35, eiSb 53 52.5, FX 56.5, T 0.4, A 1.4, d = 500 Kms, H = 23:51:33.5, MC 4.3.-

5. eXP 03 47 34.0, eiP 47 38.0, FX 49.0, T 0.9, A 4.0, CGS: 03:39:02.2, cerca costa de Chile Central, 36.0 S, 72.5 W, M 5.2, h = 33 Kms, d = 5 400 Kms.-

5. eX(Pn) 16 09 (05.0), eSn 09 58, iSn 10 02, FX 13.5, d = 560 Kms, H = 16:07:47.-

6. eXPKP 01 11 (07.0), eiPP 11 55, FX 13.0, CGS: H = 00:52:10.1, Islas Tonga, 16.1 S, 173.7 W, M 4.2, h = 164 Kms, d = 12 600 Kms.-

7. eX 00 22 (11), FX 24.0, T 0.9, A 2.0.-

7. eWZXPKP1 03 55 58.0 D, ei!WZXPKP2 56 28, eiPP 04 00 04, eiPPP 03 40, ei!PPS 13 30, eiSS 21 22, eiSSS 27 10, eL 31 20, eL 50.0-55.0 (T 54-40), eR 57.0 (T 30), eiL 05 02.0 (T 26), T 1.0, A 2.2, d = 17 650 Kms, H = 03:35:58, CGS: S del Mar de la China, 12.6 N, 114.5 E, M 5.9, h = 17 Kms.-

7. iXPg 20 30 53.5 C, iSg 30 56.0, FX 31.5, T 0.3, A 1.5, d = 20 Kms, H = 20:30:49.5, MC 2.9. Prob. explosión en reg. Caracas.-

8. eXWZP 22 33 19.2, iXWZP 33 20.5, eiPPP 34 02, ePcP 37 02, eiS 37 06, eiR 54.0-57.0 (T 24-18), F 23 05.0, T 1.0, A 17.5, P-azimut: S-SSW, d = 2 400 Kms, H = 22:28:47, CGS: Perú, 8.3 S, 76.0 W, M 5.2, h = 141 Kms.-

9. eXPn 16 51 25.5, eiSn 52 45, FX 56.0, T 0.7, A 3.6, MC 4.8, CGS: H = 16:49:44, N de Colombia, 6.9 N, 73.0 W, d = 790 Kms.-

10. eX 10 58 50.0 C, FX 11 01.0, T 0.3, A 2.0.-

10. eiXWZP 17 37 34.6 D, eWZ 38 02, eiPP 40 28, e(PPP) 43 16, ei!S 47 46, ePS 48 18, e 51 40, eiL 58.0-61.0 (T 50-40), ei!L 18 01.0-05.0 (T 40-28), iMR 05.0-12.0 (T 33-20), iRL 14.0 (T 18), F 50.0, T 0.7, A 4.0, R-azimut: SE-SSE, d = 8 600 Kms, H = 17:25:48, CGS: reg. S de las Islas Sandwich, 59.1 S, 24.8 W, M 5.7, h = 53 Kms.-

11. eX(Pg) 21 22 (47.0) D, iXSg 22 48.0, FX 23.0, T 0.3, A 1.2, d = 10 Kms aprox., MC 3.0, no fue sentido.-

11. eiXPg 23 03 57.5 C, iXSg 04 00.8, FX 05.0, T 0.4, A 3.0, d = 27 Kms, H = 23:03:52, MC 3.0, no fue sentido.-

Continúa

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Continuación del mes de Octubre de 1.965.

12. eX(Sn) 03 04 (03.0), FX 05.0.-

12. iXPg 13 09 49.4 C, i+Sg 09 51.2, FX 11.0, T 0.1, A 3.8, P-azimut: N 120º W, d = 15 Kms, H = 13:09:46, MC 4.3, no fue sentido.-

12. eXWZP 13 53 05.0, eiWZPP 56 30, ePPP 58 40, ei!SKS 14 03 02, eiSS 09 36, eiL 20.0 (T 40), eiL 23.0-27.0 (T 34-23), iR 25.0-33.0 (T 26-16), F 15 30.0, T 1.0, A 2.0, R-azimut: NW, d = 9 000 Kms, H = 13:40:53, CGS: reg. Islas Kodiak, 56.3 N, 153.7 W, M 5.3, h = 11 Kms.-

12. eiXPg 19 05 35.0, FX 06.0, T 0.4, A 2.0.-

13. eX 00 59 (30.0), FX 01 01.0.-

15. eWZP 00 41 04.0, eXP 41 09, e(PP) 42 30, ePPP 42 56, ei!S 46 44, iSS 49 24, iL 49.5-51.5 (T 40-30), eiL 52.0-54.0 (T 24-20), iR 54.0-55.0 (T 20-18), F 01 45.0, T 1.4, A 1.8, R-azimut: NW, d = 4 000 Kms, H = 00:34:09, CGS: frente costa de Méjico. 8.5 N, 103.0 W, M 5.2, h = 33 Kms.-

15. eX(Pn) 07 50 (02), ei(Sn) 51 16, eiSb 51 50, T 0.6, A 1.0, d = 785 Kms, H = 07:48:12, MC 4.4, CGS: N de Colombia, 7.0 N, 73.1 W, M 4.2, h = 142 Kms.-

15. iXPg 14 15 34.2 C, iSg 15 37.5, FX 16.5, T 0.4, A 8.5, P-azimut: S 50º E, d = 26 Kms, H = 14:15:29, MC 3.3, no fue sentido.-

15. eXPg 20 19 08.2 D, iSg 19 10.0, FX 19.5, T 1.2, A 0.6, d = 15 Kms, H = 20:19:05, MC 2.5, no fue sentido.-

16. eWZP 14 26 43.0 C, iXP 26 43.6 D, iWZ(PP) 26 50, eS 29 50, eiL 31.0-34.0 (T 42-28), eiL 34.0-36.0 (T 18-16), F 15 00.0, T 1.1, A 6.1, P-azimut N 90º W, d = 1 850 Kms, H = 14:22:57, CGS: Costa Rica, 9.0 N, 83.5 W, M 5.0, h = 50 Kms.-

16. eX(Pn) 15 17 (26.0), ei(Sn) 18 35.5, FX 20.0, d = 750 Kms aprox., H = 15:15:(41).-

17. eXWZPKP 02 13 09.5, eL 58.0-61.0 (T 35-28), eiR 03 04.0 (T 22), eiR 09.0-13.0 (T 16), F 0.4 15.0, T 1.3, A 2.5, CGS: H = 01:53:42.7, Islas Salomón, 8.0 S, 155.9 E, M 5.5, h = 93 Kms, d = 15 500 Kms.-

17. iXPn 10 42 58.5, iPg 43 35, i!Sn 44 17, eiSg 45 05, FX 48.0, T 0.8, A 3.8, P-azimut N 107º W, d = 800 Kms, H = 10:41:18, MC 4.7, CGS: N de Colombia, 7.2 N, 73.5 W, M 4.3, h = 121 Kms.-

Continúa

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Continuación del mes de Octubre de 1.965.

18. eiXWZP 05 02 39.5, e 03 40, e!(S) 06 30, eR 09.0-13.0 (T 30-12), F 20.0, T 1.1, A 3.8, P-azimut: W-WSW, d = 2 250 Kms, H = 04:58:10, CGS: frente costa delEcuador, 1.4 N, 85.3 W, M 4.7, h = 21 Kms.-

18. eXPg 15 38 59.1 (D), iSg 39 00.4, FX 39 10, (T 0.2, A 0.7), d = 10 Kms, MC 3.4, no fue sentido.-

18. eXP 16 22 16.5, eWZR 28.5-32.5 (T 30-14), F 35.0, T 1.2, A 2.4, CGS: H = 16:17:40.6, frente costa del Ecuador. 1.5 N, 85.3 W, M 4.7, h = 33 Kms, d = 2 250 Kms.-

18. eWZPKP1 22 10 14.0, eXPKP1 10 17.2, ei!PKP2 11 10, iP 15 12, eSKS 17 30, eiPPP 19 40, eiSKKS 22 10, eiPSKS 25 48, ei!SS 37 00, eiSSS 42 00, eL 50.0-54.0 (T 54-40), iR 23 08.0 (T 37), iR 10.0-14.0 (T 26-22), iMR 18.0-20.0 (T 20), F 25 10.0, T 1.0, A 1.7, R-azimut: W-WSW, d = 18 400 Kms, H = 21:50:14, CGS: Almaera, 1.1 S, 127.9 E, M 5.9, h = 33 Kms.-

18. eiXPn 22 51 05.0, i(Sn) 52 40, FX 54.0, T 0.8, A 1.6, CGS: H = 22:48:37, Islas Leeward, 18.6 N, 61.1 W, M 5.3, h = 33 Kms, d = 1 100 Kms.-

19. eXWZP 21 02 36.0, eiXPP 06 32, eiSKS 13 00, eiSKKS 13 42, ei!PS 15 18, eiSSS 25 40, eiL 32.5-39.0 (T 50-26), eiR 38.5-44.0 (T 32-24), iR 44.5-47.0 (T 24-23), iMR 49.0-51.2 (T 18), F 22 30.0, T 1.3, A 1.8, R-azimut: NW-NNW, d = 11 150 Kms, H = 20:48:52, CGS: Islas Near, Aleutianas, 52.3 N, 174.3 E, M 5.6, h = 48 Kms.-

19. eX(Pn) 23 24 36.5, eiSn 25 49, i 25 55, FX 29.0, T 0.7, A 1.5, MC 4.7, CGS: H = 23:22:55, N de Colombia, 6.8 N, 73.0 W, M 4.2, h = 161 Kms, d = 800 Kms.-

20. iXPn 11 55 14.0 D, i(pP) 55 20, iPb 55 45, ePg 56 14, eiSn 56 28, ei(Sb) 57 25, i!Sg 57 42, F 12 06.0, T 0.7, A 15.5, P-azimut: SW, d = 790 Kms, H = 11:53:29, MC 5.0, CGS: N de Colombia, 6.9 N, 73.1 W, M 5.2, h = 141 Kms.-

20. eXPn 13 19 43.0, eiPn 19 44 D, eiSn 20 16, i 20 21, ei 20 28, F 23.0, T 0.7, A 2.0, P-azimut:(E), d = 300 Kms, H = 13:19:01, MC 3.5.-

20. eX(Sn) 15 52 (44.0), eiX 53 06 (T 0.7, A 2.5, FX 55.0.-

20. eXP 23 58 59.2, iP 59 00.0, eiPP 59 30, eS 24 02 40, eiS y PcP 02 43, eiSS 04 05, eiL 04.0-08.0 (T 45-18), iR 09.0-10.5 (T 22-16), F en el sismo siguiente. T 0.7, A 13.0, P-azimut W-WNW, d = 2 450 Kms, H = 23:54:23, CGS: cerca costa de Nicaragua, 12.5 N, 87.4 W, M 5.4, h = 70 Kms, fue sentido en San Salvador.-

Continúa

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Continuación del mes de Octubre de 1.965.

21. eiXPn 00 55 37.5 C, iPb 55 49, iSn 56 13, i!Sb 56 28, eiR 57.2-59.0 (T 10), F 01 03.0, T 0.4, A 3.3, P-azimut: E, d = 360 Kms, H = 00:54:47.5, MC 4.1, CGS: cerca costa de Venezuela. 10.6 N, 63.6 W, M 4.3, h = 36 Kms, sentido en el E de Venezuela.-

21. eiXPn 05 49 31.5, eiPb 49 39, i(Pg) 49 43, eiSn 50 06, eiSb 50 15, i(R) 50 29, FX 53.0, T 0.4, A 1.3, P-azimut: E, d = 315 Kms, H = 05:48:48, MC 3.7.-

21. eX(P) 08 16 (09.0), FX 18.0, T 0.4, A 1.3.-

22. eXPn 03 17 (28.5), ei(Sn) 18 17.5, FX 19.0, T 0.4, A 1.4.-

22. eX(Pn) 10 32 (30.0), ei 33 06, i(Sn) 33 17, FX 35.0, T 0.3, A 1.1.-

22. eX(Pb) 15 27 (03.7), ei(Sb) 27 09.5, FX 27 30, T 0.3, A 1.1.

22. iXP 18 42 51.5 C, eiWZPP 44 17, eS 48 24, eSS 51 00, eiL 53.0-55.0 (T 36-22), eiR 54.5-58.0 (T 38-20), iR 58.0-59.0 (T 15), eiR 19 00.0 (T 16), F 15.0, T 1.0, A 5.2, R-azimut: S-SSW, d = 4 000 Kms, H = 18:35:55, CGS: frente costa N de Chile. 25.0 S, 71.3 W. M 5.1, h = 13 Kms.-

22. eX(Sn) 21 26 (33.5), FX 27 30.-

22. iX(P) 22 53 02.0 C, FX 53 40, T 0.4, A 4.8.-

23. eXPn 06 23 42.2 C, eiSn 24 (20.0), FX 26.0, T 0.7, A 1.8, P-azimut E, d = 350 Kms, H = 06:22:52, T 0.7, A 1.8, MC 3.6.-

23. eiX(WZ)P 07 01 07, ePP 02 50, eS 07 15, eiSS 10 30, eiL 13.0 (T 30), eiR 15.0-18.0 (T 28-16), iMR 22.0-23.0 (T 16-14), F 08 00.0, T 1.2, A 1.9, R-azimut: S-SSW, d = 4 500 Kms, H = 06:53:35, CGS: cerca costa de Chile Central. 29.4 S, 71.6 W, M 5.5, h = 33 Kms.-

23. eX(P) 15 42 (39.0), FX 43 30, T 0.4, A 1.0, CGS: H = 15:34:47.2, cerca costa N de Chile, 32.4 S, 71.3 W, M 5.1, h = 67 Kms, fue sentido en las Provincias de Santiago, Valparaiso, Aconcagua y Coquimbo.-

24. eX(P) 13 15 50.0, FX 25.0, T 1.3, A 1.3.-

24. eiXPKP 20 46 03.0, FX 47 30, T 0.7, A 2.2, CGS: H = 20:26:15.3, reg. Islas Filipinas, 20.1 N, 122.2 E, M 4.9, h = 16 Kms, d = 16 450 Kms.-

24. eX 20 51 03.5, FX 51 30, T 0.5, A 1.5.-

25. eXPn 05 23 31, e(Sn) 24 15, ei 24 37, FX 26.0, (T 0.3, A 0.6.-

Continúa

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Continuación del mes de Octubre de 1.965.

26. iXP 12 21 54.8, FX 24.0, T 0.7, A 6.2, CGS: H = 12:15:08.2, cerca costa N de Chile, 24.4 S, 70.2 W, M 5.2, h = 55 Kms, d = 3 900 Kms.-

25. eXPn 15 35 (44.0) D, i 35 55.6, ei(Sn) 36 02, iR 36 19, FX 37.0, T 0.4, A 1.6, d = 150 Kms, H = 15:35:24, MC 3.6, no fue sentido.-

25. i!XPg 20 22 00.8 C, i!Sg 22 01.5, FX 22 20, T 0.4, A 4.0, d = 6 Kms, H = 20:21:59, MC 3.0, no fue sentido.-

25. eiX 20 34 47.5 D, e! 34 50, FX 35.0, T 0.5, A 2.5.-

25. eXPKP 22 52 52.5, eXWZPP 54 06, iXWZPP 54 10, eiPPP 56 44, eiXSKS 59 50, eXSKKS 23 00 50, iS 01 40, iPS 03 48, iPPS 05 00, i!SS 10 00, iSSS 14 45, eiL 22.0-27.0 (T 60), iL 27.0-30.0 (T 50-40), eiR 31.0-34.0 (T 54-34), eiL 32.0-34.0 (T 30-28), eiR 37.5-40.0 (T 34-26), eiL 47.0-49.5 (T 24-22), F 25 30.0, T 0.7, A 2.5, P-azimut: N 25º W, d = 13 500, H = 22:34:18, CGS: reg. Hokkaido, Japón, 44.2 N, 145.3 E, M 6.2, h = 180 Kms, fue sentido en la parte E y S de Hokkaido.-

27. eXPg 15 26 16.6 C, iXSg 26 17.6, FX 27.0, d = 8 Kms, H = 15:26:15.0, T 0.4, A 1.6, MC 2.9.-

27. eX 18 43 15.0, FX 43 30, T 0.7, A 2.3.-

27. eX 19 58 14.2, FX 58 30, T 0.9, A 1.9.-

27. eX(P) 21 15 44.6, FX 16.0, T 0.7, A 1.3.-

28. eX(Pn) 04 45 (20.8), e(Sn) 46 25, FX 48.0.-

28. eXPKP1 09 18 (39.5), eiXPKP2 19 22, FX 21.0, T 0.6, A 0.9, CGS: H = 08:58:25.9, Almaera, 1.3 S, 127.7 E, M 5.8, h = 33 Kms, d = 18 500 Kms.-

28. eiXPg 15 20 16.5 C, iSg 20 17.5, FX 20 40, T 0.3, A 1.5, d = 8 Kms, H = 15:20:15, MC 3.0, no fue sentido.-

29. eiXPn 01 59 41.0, eXPb 59 50, eiXSn 02 00 17, ei 00 23, iSb 00 29, iSg 00 37, FX 02.0, T 0.4, A 3.3, P-azimut: W-WSW, d = 340 Kms, H = 01:58:54, MC 4.1.-

29. eXPn 08 05 (40.6), eiPb 05 46, eiPg 05 54, e(Sn) 06 17, i 06 25, F 08.0, T 0.8, A 1.2, Venezuela, (P-azimut SW) d = 350 Kms, H = 08:04:52, MC 3.6.-

29. iXPKP 12 42 56.0, FX 43.0, T 0.8, A 6.8, CGS: H = 12:23:25.8, reg. Nueva Bretaña, 6.2 S, 148.9 E, M 4.7, h = 59 Kms, d = 16 350 Kms.-

Continúa

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Continuación del mes de Octubre de 1.965.

29. iXP 21 13 28.5 C, FX 14 30, T 0.9, A 3.8, CGS: H = 21:00:00, Islas Amchitka, Aleutianas, 51º26'17" N, 179º10'57" E; M 6.1, h = 0 Kms, d = 10 900 Kms, explosión artificial elevación "Longshot".

30. eiXP 08 40 42.5, eiX 41 21, FX 42.0, T 0.9, A 1.5, CGS: H = 08:37:14, Ecuador, 1.7 S, 76.0 W, M 4.3, h = 130 Kms d = 1 850 Kms.-

31. eiXP 04 05 59.5, FX 06 30, T 0.6, A 3.8, CGS: H = 04:02:25, Ecuador, 1.7 S, 76.0 W, M 5.0, h = 241 Kms, d = 1 850 Kms.-

31. eXPKP 04 09 06.0, FX 11.0, T 0.7, A 1.7, CGS: H = 03:49:06.6, cerca costa N de Nueva Guinea W, 2.8 S, 140.5 E, M 5.5, h = 26 Kms, d = 17 200 Kms.-

31. iXP 13 54 41.6 C, eipP 55 06, eWZ(S) 14 01 (10), eL 05.5-09.0 (T 40-20), F 20.0, T 0.9, A 5.3, d = 4 000 Kms, H = 13:47:47, CGS: reg. frontera Chile-Argentina, M 5.4, h = 107 Kms.-

31. eXPn 23 48 (13), ei(Sn) 49 43, FX 51.0, d = 900 Kms aprox., H = 23:46:(10).-

G.Fiedler

E. de Gyombrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
SERVICIO DE HIDROGRAFIA Y NAVEGACION
OBSERVATORIO DE SISMOLOGIA
Y MAREAS TERRESTRES

Caracas - Venezuela

BOLETIN SISMICO MENSUAL

Noviembre 1.965

Nota: En los boletines, "A" en milímetros significa la doble amplitud registrada por el SPZ VELA, no reducida por la magnificación estandard de 25 000, de la mayor oscilación de P. "T" es el período correspondiente en segundos.

1. iXPKP 09 18 17.0 D, FX 20.0, T 0.7, A 2.0, CGS: H = 08:58: 37.2, Nueva Guinea, 4.2 S, 142.9 E, M 6.0, h = 101 Kms, d = 16 800 Kms.-

1. eiX 14 50 08.0, F 51.0, T 0.7, A 6.0.-

1. eXPg 19 58 52.3, iSg 58 56.4, FX 59 30, T 0.2, A 1.2, d = 33 Kms, H = 19:58:56.0.-

2. eXPn 07 38 09.8 C, eiPb 38 16, ei!Pb 38 30, ei(Sn) 38 50.5, i 39 04, ei 39 16, FX 42.0, T 0.3, A 1.0, d = 445 Kms, H = 07:37:00.8, MC 4.1.-

2. eX(Sn) 21 29 33.5, FX 31.0.-

2. eXPg 22 35 23.0, iXSg 35 25.0, FX 36.0, d = 16 Kms, H = 22:35:20, T 0.3, A 1.4.-

2. eX(P) 22 49 02.0 C, FX 49 30.0, T 0.7, A 1.8, CGS: H =22: 44:41.9, frente costa de Costa Rica, 10.5 N, 86.3 W, M 4.5, h = 69 Kms, d = 2 150 Kms.-

3. iXWZP 01 42 59.5 D, ei(PP) 43 38, i!S 46 30, F 03 30.0, T 0.9, A 60.0, P-azimut: S-SSW, d = 2 100 Kms, H = 01:38: 59, CGS: reg. frontera Perú-Brasil, 9.1 S, 71.4 W, M 6.2, h = 583 Kms.-

3. eX(Pn) 07 47 (08.0), FX 48.0, T 0.2, T 0.2, A 1.2.-

3. eX(P) 09 58 (17.0), eiX 58 47, FX 10 00.0, T 0.6, A 1.5.-

3. e(X)WZP 18 30 47.0 C, eiWZpP 31 15, eS 38 50, eiScS 40 42, ei!L 45.5-48.5 (T 40-28), iR 49.0 (T 24), iR 51.0 (T 21), F 21 00.0, T 1.3, A 1.6, R-azimut: SW, d = 6 400 Kms, H = 18:21:07, CGS: reg. Islas Pascuas, 22.3 S, 114.1 W, M 5.8, h = 12 Kms.-

3. eX(P) 21 45 36.5, i(pPn) 45 41.5, e(Sn) 46 55, FX 49.0, T 0.7, A 2.3, d = 840 Kms, H = 21:43:38, MC 4.4.-

Continúa

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Continuación del mes de Noviembre de 1.965.

4. eXWZP 14 14 39.0, eiWZ(pP) 15 40, eS 24 25, eSS 29 30, eR 39.0-43.0 (T 44-28), iR 44.0-46.0 (T 23-18), F 15 15.0, T 1.0, A 2.4, R-azimut: SE-SSE, d = 8 500 Kms, H = 14:02:53, CGS: Cresta del Atlántico Sur, 47.2 S, 10.6 W, M 5.6, h = 33 Kms.-

5. Microsismicidad alta en los SP:

13h T 1.3, E 0.046 u, N 0.046 u, Z 0.061 u

18h T 1.6, E 0.11 u, N 0.15 u, Z 0.15 u

24h T 1.4, E 0.036 u, N 0.036 u, Z 0.045 u

5. iXPg 19 19 16.5, iSg 19 18.0, FX 19 40, Prob. explosión en reg. Caracas. T 0.5, A 1.2, d = 12 Kms, H = 19:19:14.0, MC 2.4.-

5. eWZPKP 19 20 47.0, iXWZPKP 20 50.8, eWZSKP 24 26, ePSKS 34 40, eSS 44 34, eL 20 17.5 (T 28), eR 46.0 (T 26), F 21 00.0, T 1.0, A 5.0, CGS: H = 19:01:04.3, cerca costa N de Nueva Guinea, 3.1 S, 143.8 E, M 5.7, h = 31 Kms, d = 16 500 Kms.-

5. eiX(Sn) 21 46 26.5, FX 47.0, (T 0.4, A 2.0).-

6. eXP 01 11 08.5, eiXP 11 10, eWZ(X)S 15 30, e(R)L 18.0-21.0 (T 40-25), eiRL 22.0 (T 18), F 25.0, T 0.5, A 1.5, d = 2 600 Kms, H = 01:06:14, CGS: cerca costa N del Perú, 9.4 S, 78.9 W, M 4.7, h = 59 Kms.-

6. eXPn 05 20 05.0, ei(Pb) 20 19, eiPg 20 35, eSn 21 12, iSn 21 22, iSb 21 50, FX 24.0, T 0.7, A 1.9, P-azimut: WSW, d = 780 Kms, H = 05:18:27, MC 4.2, CGS: N de Colombia, 7.0 N, 73.1 W, M 4.3, h = 136 Kms.-

6. iXWZP 09 31 26.2, eiXPcP 32 25, eS 39 13, eiPS 39 40, e(ScS) 41 30, eSS 43 10, eiL 46.0-49.0 (T 50-30), iR 49.5-51.0 (T 30-22), iR 52.0-53.0 (T 20-18), eiR 57.3-60.0 (T 14), F 11 00.0, T 2.0, A 3.3, P-azimut: N 129 W, d = 6 250 Kms, H = 09:21:52, CGS: reg. Islas Pascuas, 22.1 S, 113.8 W, M 6.2, h = 33 Kms.-

6. iXPg 15 30 06.5, iXSg 30 07.5, FX 30 30, T 0.2, A 0.8, d = 8 Kms, H = 15:30:04, MC 2.8.-

6. eXPg 18 07 01, eiSg 07 02, FX 07 20, T 0.3, A 1.0, d = 8 Kms, H = 18:06:59.-

6. eiX 18 52 50.4, FX 53.0, T 0.5, A 2.5.-

7. eiXPn 04 46 06.0 C, eipP 46 17, iSn 47 55, FX 50.0, T 0.5, A 2.2, P-azimut: N-NNW, d = 1 050 Kms, H = 04:43:50, CGS: reg. República Dominicana, 18.6 N, 71.8 W, M 4.1, h = 33 Kms.-

Continúa

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Continuación del mes de Noviembre de 1.965.

8. eXPn 05 20 39.5, iSn 21 31, FX 22 30, T 0.7, A 1.0, d = 515 Kms, H = 05:19:17, MC 3.7.-

8. iXPn 14 25 52.0, i(pP) 26 04, eiPb 26 16, i!Sn 27 10, eiSb 27 35, FX 31.0, T 0.8, A 5.3, P-azimut: N 115º W, d = 770 Kms, H = 14:24:07, CGS: N de Colombia, 7.1 N, 78.1 W, M 5.0, h = 142 Kms.-

8. eiPg 15 55 07.5, iSg 55 08.8, FX 55 30, d = 10 Kms, H = 15:55:05, T 0.2, A 0.6.-

8. eWZ(P) 18 09 50.0, eiS y (PcP) 13 46, eR 15.0-17.5 (T 34-20), F 30.0, d = 2 500 Kms, H = 18:05:10, CGS: Cresta del Atlántico Norte, 16.6 N, 46.6 W, M 4.7, h = 33 Kms.-

10. eXPn 09 25 24.4 C, e(Pb) 25 42, eiSn 26 20, iSn 26 24, FX 28.0, T 0.4, A 1.3, d = 575 Kms, H = 09:24:04, MC 4.2.-

10. eWZPcS 10 00 (50.0), eiS 03 15, eR 13.0-16.0 (T 40-24), eiR 20.5-24.5 (T 24-15), F 45.0, CGS: H = 09:45:53, frente costa S de Chile, 44.9 S, 75.3 W, M 4.7, h = 33 Kms, d = 6 200 Kms.-

11. eWZSKS 03 17 07, eSKKS 18 44, eiPS 22 00, ei(PPS) 24 10, ei!SS 28 40, eiSSS 33 00, ei!L 42.3-46.0 (T 65-45), eiL 47.0-51.0 (T 40-30), eiL 50.0-53.0 (T 32-20), iMR 04 00.0-03.0 (T 20-18), F 30.0, CGS: H = 02:51:25, W de las Islas Macquarie, 60.7 S, 154.0 E, M 5.1, h = 33 Kms, d = 13 500 Kms.-

11. iXPg 17 16 19.6 C, iSg 16 21.5, FX 17.0, T 0.4, A 1.3, P-azimut: N 124º W, d = 20 Kms, H = 17:16:15.6, MC 2.7.-

11. eWZ 17 45 30, eR 50.0-53.5 (T 34-29, eiR 53.5-59.0 (T 22-14), F 18 35.0.-

12. eXWZP 02 16 25.0, ePP 19 30, eS 26 34, eiSS 31 40, eiSSS 35 00, eL 39.0 (T 45), ei!R 43.0-45.5 (T 40-30), i!MR 45.5-49.0 (T 27-17), F en el sismo siguiente. T 1.0, A 1.4, R-azimut: SW-SSW, d = 8 900 Kms, H = 02:04:25, CGS: Cordillera de las Islas Pascuas, 56.0 S, 121.5 W, M 4.9, h = 33 Kms.-

12. eiXWZP 09 03 52.3 C, iXPP 04 12, eS 07 00, eiWZ(SS) 07 15, eiR y L 08.5-10.5 (T 34-22), iL 10.5-11.8 (T 18-17), eiR 12.2-13.2 (T 16), F 40.0, T 1.3, A 4.0, P-azimut: W, d = 1 900 Kms, H = 09:00:12, CGS: Costa Rica, 10.6 N, 84.4 W, M 4.9, h = 25 Kms.-

12. eXWZPKP 18 11 36.0, eiPKP 11 38.5, ei!XPP 13 56, i!SKP 15 04, ei(PPP) 16 40, i!SKS 18 50, i(PS) 24 50, ei(PPS) 26 30, ei!SS 32 00, eSSS 36 40, eL 47.0-54.0 (T 60-34), iMR 57.5-66.0 (T 35-20), F 20 40.0, T 1.3, A 2.0, R-azimut: NW, d = 14 600 Kms, H = 17:52:26.0, CGS: S de Honshú, Japón, 30.5 N, 140.2 E, M 6.6, h = 40 Kms.-

Continúa

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Continuación del mes de Noviembre de 1.965.

12. iXPg 22 05 39.5 C, iSg 05 42.0, FX 06 10, T 0.2, A 1.6, d = 20 Kms, H = 22:05:19, MC 3.4.-

12. iXPn 23 18 14.0, iXPg 18 17, iPb 18 21, i!Sn 18 34.0, iSg 18 40, FX 20.0, T 0.3, A 3.0, P-azimut: N 116º W, d = 165 Kms, H = 23:17:52, MC 3.8.-

13. eXWZPKP 04 52 42.0, ei!PP 54 32, ei!SKP 56 30, eXPPP 57 20, iSKS 59 40, eiSKKS 05 01 05, eiXPKKP 02 45, ei!PS 04 29, eiPPS 06 10, eiSS 10 30, eiSSS 15 00, eL 30.0-32.0 (T 50), ei!R 37.0 (T 28), iR 39.0-43.0 (T 28-24), iMR 43.0-47.0 (T 23-20), F 07 30.0, T 0.4, A 3.6, P-azimut: N 20º E, d = 13 450 Kms, H = 04:33:52, CGS: Provincia N de Sikiang, China, 43.8 N, 87.8 E, M 6.3, h = 59 Kms.-

13. eX 05 02 44.0, FX 03 30, T 0.7, A 1.6.-

13. eX 05 06 10, FX 07.0.-

13. eiXWZ! 05 10 08.0, F en el sismo siguiente. T 1.5, A 1.8.-

13. i!XWZP 18 07 09.8 C, iPP 08 49, iPPP 09 08, eiS 13 10, eSS 16 00, ei!SSS 16 30, eL 19.0 (T 50), i!L 21.0 (T 30), eiR 21.5-24.0 (T 34-26), iR 25.0 (T 22), iMR y L 26.0-28.0 (T 15-12), F 20 00.0, T 0.7, A 20.0, P-azimut: S-SSW, d = 4 500 Kms, H = 17:59:38, T 0.7, A 20.0, CGS: Argentina, Provincia San Juan, 29.4 S, 68.1 W, M 5.9, h = 48 Kms.-

13. iXP 19 05 58.0, FX 08.0, T 1.2, A 3.6, CGS: H = 19:02:22, Ecuador, 1.5 S, 77.7 W, M 4.8, h = 188 Kms, d = 1 900 Kms.-

14. eXP 03 16 46.5, eiWZPP 17 35, ePcP 20 00, ei!S 21 17, eiSS 23 10, eiL y R 24.0-28.0 (T 38-18), F 04 00.0, T 0.7, A 1.4, R-azimut: WNW, d = 3 000 Kms, H = 03:11:16, CGS: reg. Islas Galápagos, 1.7 N, 90.6 W, M 5.0, h = 33 Kms.-

14. eXPb 04 42 10.0 D, iXSb 42 20.0, F 43.0, T 0.3, A 1.4, d = 85 Kms, H = 05:45:42, MC 3.2.-

15. eiXPn 05 45 43.7, e 46 07.5, FX 46.5, T 0.7, A 1.4.-

15. eiX(Pn) 05 47 01.4, iX 47 09.0, FX 40.0, T 0.3, A 1.4.-

15. eXP 11 27 37.5, iXP 27 39.9, iPcP 28 40, iPP 29 38, ei!S 34 44, ei!SS 38 00, eiSSS 39 00, i!L 40.0 (T 45, iL 42.0-45.0 (T 28-22), iMR 43.0-50.0 (T 30-20), F 14 00.0, T 1.2, A 2.8, P-azimut: E-ESE, d = 5 500 Kms, H = 11:18:47, CGS: Cresta del Atlántico Central, 0.3 S, 18.7 W, M 5.6, h = 24 Kms.-

15. eiXPn 19 24 04.0, ei(Pb) 24 22, i!Sn 25 28, FX 28.0, T 0.4, A 4.7, P-azimut: N, d = 875 Kms, H = 19:22:04, CGS: Estrecho de la Mona, 18.6 N, 67.5 W, M 4.0, h = 34 Kms.-

16. iXPn 03 34 34.3 D, eiSn 35 56, F 37.0, T 0.4, A 2.3, P-azimut: N, d = 875 Kms, H = 03:32:31.-

Continúa

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Continuación del mes de Noviembre de 1.965.

16. iXPn 04 10 03.3, eiXSn 11 26, iSn 11 32, FX 13.0, T 0.4, A 3.2, P-azimut N, d = 875 Kms, H = 04:08:00.0, CGS: Estrecho de la Mona, 18.7 N, 67.5 W, M 3.8, h = 33 Kms.-

16. eX(Pn) 07 49 19.0, ePb 49 37, eiPg 49 50, eSn 50 28, iSn 50 37, FX 52.0, d = 750 Kms, H = 07:47:34.-

16. eXWZP 15 31 03.5 D, i 31 05 C, iWZPPP 32 15, eiPcP 34 00, eiS 36 14, eiPcS 37 20, iSS 38 00, iSSS 38 10, eiL 38.0-42.0 (T 36-20), iMR 40.0-43.0 (T 26-20), F 16 30.0, T 1.3, A 7.4, P-azimut: N 50º W, d = 3 460 Kms, H = 15:24:55, CGS: Cresta del Atlántico Norte. 31.0 N, 41.5 W, M 6.0, h = 17 Kms.-

16. eiXPg 16 00 (48.5), iSg 00 54.5, FX 02 20, T 0.3, A 1.2, d = 48 Kms, H = 16:00:46, MC 3.1.-

16. eX(WZ)PKP 17 25 02.8, eiWZPP 28 30, eR 18 26.0-29.0 (T 24), F 18 50, T 1.0, A 2.5, CGS: H = 17:05:37.9, SW de las Islas Ryukyu, 25.4 N, 125.2 E, M 6.0, h = 77 Kms, d = 15 800 Kms.-

17. Microsismicidad alta en los SP.-

20h	T 1.2,	E	0.05 u,	N	0.07 u,	Z	0.08 u
22h	T 1.3,	E	0.07 u,	N	0.12 u,	Z	0.11 u
24h	T 1.3,	E	0.13 u,	N	0.07 u,	Z	0.14 u

18. 02h T 1.4, E 0.07 u, N 0.09 u, Z 0.10 u

18. ei!XPn 05 54 25.0 C, i!Sn 54 33.2, FX 56.0, T 0.4, A 4.2, P-azimut: S 28º E, d = 74 Kms, H = 05:54:13, MC 3.3.-

18. eiXWZPKP1 17 37 06.0, iXPKP2 37 59, eiX 38 40, F 18 00.0, T 0.9, A 1.6, T 0.7, A 3.5, CGS: H = 17:17:23.1, Mar de Banda, 7.1 S, 129.5 E, d = 18 300 Kms.-

18. eiXWZPKP 20 19 02.6 C, eiPP 20 10.0, eiPPS 31 24, eL 51.0 (T 60), F 22 00.0, T 1.5, A 3.0, CGS: H = 20:00:19.0, reg. Islas Fiji, 18.8 S, 177.9 W, M 5.6, h = 421 Kms, d = 12 750 Kms.-

18. eiXP 22 21 20.7 D, iWZXPcP 21 32, eS 32 00, eiSSS 42 00, eL 45.0-49.5 (T 60-38), eiR 52.0-56.0 (T 30-26), iMR 57.6-62.2 (T 24-20), F 23 24.0, T 0.7, A 3.7, d = 9 500 Kms, H = 22:08:45, CGS: S de Alaska, 53.1 N, 161.9 W, M 5.3, h = 8 Kms.-

19. eiPP 07 28 05, ei(PPP) 30 12, eS 35 45, ei!(PS) 37 26, eiSS 44 00, eL 55.0-60.0 (T 70-50), eiL 08 02.5-05.0 (T 40-30), eiR 07.0 (T 32), F 09 45.0, CGS: H = 07:08:10.8, reg. Islas Kermadec, 29.6 S, 178.6 W, M 5.0, h = 33 Kms, d = 12 850 Kms.-

19. eiXPb 22 07 45.5, i! 07 48.2, iSb 07 49.5, FX 08 30, T 0.3, A 1.4, P-azimut: E-SE, d = 36 Kms, H = 22:07:39, MC 2.9.-

Continúa

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Continuación del mes de Noviembre de 1.965.

19. eXP 22 50 58.5, FX 52.0, T 0.7, A 2.2, CGS: H = 22:31:19.8, Taiwan, 23.6 N, 121.8 E, M 5.3, h = 10 Kms, d = 16 300 Kms.-

20. eX(P) 10 36 46.6, FX 38 30, T 0.7, A 2.0.-

20. eGZZXX 15 25 29.0, CGS: H = 15:05:39.0, Mar de Banda, 7.3 S,129.2 E, M 6.1, h = 132 Kms, d = 18 400 Kms.-

20. iZXXP 15 26 23.5 D, eiGZ 30 20, FGZ 34.0, T 0.7, A 5.8.-

21. ZXX(P) 04 41 10.0, iZXX 41 22.4, FX 42 20, T 0.8, A 1.9.-

21. eZXXPKP1 10 51 43.3 D, iPKP2 52 34.0, eiPP 56 17,, e(SKS) 58 02, FXX 11 20.0, T 1.5, A 4.3, CGS: H= 10:31:49.7, Mar de Banda, 6.1 S, 130.4 E, M 6.3, h = 93 Kms, d = 18 300 Kms.-

21. eX 15 49 (52.5), ei 50 29, FX 52.0, T 0.4, A 1.2.-

21. eXPn 19 50 03, ei 50 19, eiSn 51 32, i 51 40, FX 53.0, T 0.3, A 0.9, d = 900 Kms, H = 19:48:00, MC 4.8.-

21. eXPn 22 37 38.5, iXPn 37 40, i(Pb) 37 54.5, i!Sn 38 35, ei 38 54, eiSb 39 04, ei(Sg) 39 14, F 45.0, T 0.4, A 3.8, P-azimut: E-ENE, d = 530 Kms, H = 22:36:24, MC 4.6, CGS: Islas Barlovento, 11.2 N, 62.1 W, M 4.6, h = 134 Kms, fue sentido en St. Augustine, Trinidad.-

21. eXPn 23 05 20.3 D, ei 05 32.0, iPb 05 43.0, iSn 06 46.5, FX 10.0, T 0.5, A 2.0, d = 900 Kms, H = 23:03:15, T 0.5, A 2.0, CGS: Estrecho de la Mona, 19.4 N, 67.3 W, M 4.2, h = 33 Kms.-

22. eXWZP 20 38 54.0, ePP 42 44, eiPPP 44 46, eSKS 49 25, iS 50 11, ei!PS 51 30, eiPPS 52 26, eSS 56 30, eL 21 08.0-11.5 (T 50-32), eiR 13.0-21.0 (T 40-25), iMR 25.0-26.5 (T 20-18), F 22 00.0, T 1.0, A 3.2, R-azimut: NW-NNW, d= 10 600 Kms, H = 20:25:34, CGS: Islas Andreanof, Aleutianas, 51.3 N, 179.8 W, M 5.9, h = 40 Kms.-

22. eX(Pn) 24 32 (37.0), eiSn 33 45,, iSn 33 53.5, FX 35.0, T 0.8, A 1.4, d = 740 Kms, H = 24:30:53, MC 4.2.-

23. eX(PKP1) 01 37 (19.0), eWZXPKP2 37 49,, eiPP 42 00, eSKS 44 00, ePPP 46 10, eiSKKS 48 40, eiPSKS 52 34, ei(PPS) 55 38, eiSS 02 03 08, ei(SSS) 09 34, eL 25.0-31.0 (T 60-40), eR 34.0-37.5 (T 50-34), eiR 38.5-42.5 (T 32-26), eiR 55.5-59.4 (T 24), F en el sismo siguiente. T 1.3, A 1.5, P-azimut: NW-NNW, d = 18 250 Kms, H = 01:17:09, CGS: Mar Célebes, 3.0 N, 124.8 E, M 5.6, h = 45 Kms.-

23. eiXP 02 31 12.5 C, FX 32 30, T 1.0, A 2.6, CGS: H = 02: 17:49.4, Islas Andreanof, Aleutianas, 51.4 N, 179.7 W, M 5.6, h = 48 Kms, d = 10 650 Kms.-

23. eiXPn 05 49 33.4, i 49 45.5, eiSn 50 50, eiSb 51 22, FX 55.0, T 0.7, A 2.8, P-azimut: N 113º W, d = 800 Kms, H = 05:47:40, CGS: N de Colombia, 6.9 N, 73.2 W, M 3.9, h = 150 Kms.-

Continúa

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Continuación del mes de Noviembre de 1.965.

23. iXPg 22 29 21.5, iSg 29 44.5, FX 30.0, T 0.4, A 1.9, P-azimut: N 23º W, d = 24 Kms, H = 22:29:17, MC 2.7.-

24. eWZPS 03 31 (54), eiScS 33 02, eiSS 35 20, eiL 42.0-45.0 (T 60-40), F 04 20.0, R-azimut: SW, CGS: H = 03:12:43, reg. Islas Pascuas, 30.0 S, 114.7 W, M 5.2, h = 33 Kms, d = 6 800 Kms.-

24. ei(Pn) 15 42 44.2, ei 43 03.5, FX 44.0, T 0.4, A 1.6.-

24. eX 23 47 21.0, FX 50.0, T 0.6, A 1.2.-

25. eXPn 07 05 59.9 C, eiPb 05 11.5, eiPg 05 20, iSn 06 44, eiSn 06 50, eiSb 07 08, eiSg 07 18, FX 10.0, T 0.6, A 1.4, d = 485 Kms, H = 07:04:54, MC 3.7, CGS: Islas Barlovento, 11.1 N, 62.6 W, M 4.1, h = 13 Kms.-

25. e!XP 10 58 35.6, ei 58 50, ei 11 00 30, FX 02.0, T 0.7, A 4.0, CGS: H = 10:50:38.1, SE del Pacífico Central, 17.1 S, 100.4 W, M 5.8, h = 29 Kms, d = 4 900 Kms.-

25. iXPKP 22 54 15.0 C, FX 58.0, T 0.7, A 20.0, CGS: H = 22:35:37.2, reg. Nueva Irlanda, 3.9 S, 150.3 E, M 5.5, h = 475 Kms, d = 6 300 Kms.-

25. iXPn 23 31 28.2 C, eiPb 31 48, iPg 32 05, eSn 32 41, iSn 32 45, eiSb 33 14, eiSg 33 36, FX 40.0, T 0.8, A 10.0, P-azimut: N 120º W, d = 785 Kms, H = 23:29:38, MC 4.9, CGS: N de Colombia, 6.9 N, 78.1 W, M 4.9, h = 144 Kms.-

26. eXP 00 29 (55.7), FX 32 30, T 0.7, A 1.0, CGS: H = 00:25:49, N del Perú, 4.7 S, 77.1 W, M 4.4, h = 123 Kms, d = 1 900 Kms.-

27. iX(WZ)PKP1 01 49 20.2 C, eXWZPP 52 38, FX 53.0, P-azimut: W-WNW, T 1.0, A 17.0, CGS: H = 01:29:49.5, reg. Nueva Bretaña, 6.1 S, 148.5 E, M 5.8, h = 56 Kms, d = 16 250 Kms.-

27. eWZ(PS) 03 37 (42.0), eiSSS 49 40, eL 04 01.0 (T 60), eiL 09.5-16.5 (T 38-33), F 05 20.0, R-azimut: NW, CGS: H = 03:04:20.6, S de Honshú, Japón, 30.6 N, 140.2 E, M 5.2, h = 60 Kms, d = 14 600 Kms.-

27. eiWZXP 12 21 06.0 C, ei 21 09.0, ei 23 17, ei!PP 24 40, e 35 42, eSS 47 10, eL 53.5 (T 60), eiR 13 03.0-22.0 (T 22-16), F 14 30.0, T 1.7, A 1.7, R-azimut: SW, d = 9 350 Kms, H = 12:08:42.-

28. eP 04 06 23.0, eiPcP 07 22, eiPP 08 28, eiPPP 09 34, eiS 14 15, ei(PS) 14 40, eiScS 16 00, eiSS 18 23, e(L) 19.0 (T 60), ei!L 23.7-27.5 (T 38-30), eiR 24.0-31.2 (T 50-16), i!MR 31.3-36.3 (T 16-14), F en el sismo siguiente, T 0.7, A 1.8, R-azimut: S-SSW, d = 6 350 Kms, H = 03:56:47, CGS: cerca costa S de Chile. 45.6 S, 72.4 W, M 5.8, h = 33 Kms, fue sentido en Aysen.-

Continúa

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Continuación del mes de Noviembre de 1.965.

28. eXP 05 38 46.5 C, eX(SKKS) 49 04, eiS 49 19, FX 52.0, T 0.7, A 4.0, P-azimut: N 46º E, d = 9 700 Kms, H = 05:26:06, CGS: Islas Dodecanese, 36.1 N, 27.7 E, M 5.9, M 5.9, h = 89 Kms, sentido en Turkía W y daños moderados en Rhodesia.-

29. eXP 05 14 01.4 D, eiP 14 04.0, eWZSKS 24 24, eSS 30 16, (eL) y PKP 40.0 (T 60), eiR 44.5-50.5 (T 27-14), F 06 20.0, T 0.9, A 1.2, CGS: H = 05:01:27.0, Cresta del Pacífico S. 54.1 S, 133.5 W, M 4.9, h = 33 Kms, d = 9 700 Kms.-

29. iXWZP 17 11 36.0, eiPP 12 08, iS 15 24, iSS 16 42, eiR 18.0-20.0 (T 30-22), iMR 20.0-24.5 (T 20-11), F 18 30.0, P-azimut: N 145º W, d = 2 250 Kms, H = 17:07:16, T 0.7, A 14.5, CGS: N del Perú, 6.0 S, 78.6 W, M 5.4, h = 33 Kms.-

30. iXPn 09 17 52.8 C, iPb 18 12, iPg 18 26, ei!Sn 19 05.0, iSn 19 11, ei! 19 22, eiSb 19 40, ei 19 56, FX 25.0, P-azimut: N 120º W, d = 775 Kms, H = 09:16:02.8, T 0.7, A 9.3, MC 4.9, CGS: N de Colombia, 6.9 N, 78.0 W, M 4.7, h = 159 Kms.-

30. eXP 09 50 34.1 C, iXP 50 35.4, eX(S) 54 28, FX 10 01.0, P-azimut: SSW, T 0.7, A 4.4, d = 2 250 Kms, H = 09:46:14, CGS: reg. frontera Perú-Brasil, 8.1 S, 74.4 W, M 4.9, h = 144 Kms.-

30. iXPn 21 51 54.2 C, iPb 52 04, iPg 52 10, eiSn 52 28, iSn 52 30, eiSb 52 43, FX 54.0, P-azimut: N 128º W, d = 345 Kms, H = 21:51:06, T 0.5, A 2.8, MC 3.9.-

G. Fiedler

E. de Gyomrey

G.N.

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COMANDANCIA GENERAL DE LA MARINA
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Caracas - Venezuela

BOLETIN SISMICO MENSUAL

DICIEMBRE 1.965

1. eiXPg 17 21 21.0 C, iSg 21 22.2, FX 23.0, d = 10 Kms, H = 17:21:19.-

2. iX(WZ)P 00 41 54.0 C, eiXPP 42 38, eiS 46 15, F 01 05.0, T 0.7, A 7.3, P-azimut: S, d = 3 000 Kms, H = 00:36:24, CGS: reg. frontera Perú-Bolivia, 16.4 S, 69.6 W, M 5.2, h = 196 Kms.-

2. eX(P) 07 12 53.0, ei 13 35, FX 15.0, T 0.7, A 1.7.-

3. eX(PKP) 07 03 (04.2), eWZPPP 06 24, eiWZPS 13 38, e(PKKP), 14 30, iPPS 14 44, e(SSS) 25 00, eR 37.0 (T 46), eR 39.0 (T 24), eiR 45.0-48.0 (T 18-17), F en el sismo siguiente. CGS: H = 06:45:02.5, Islas Tongas, 20.4 S, 174.2 W, M 5.4, h = 33 Kms, d = 12 300 Kms.-

3. eXP 08 36 32.0, eiXpP 36 45, eiWZS 39 50, ei!SS 40 33, iL 42.3-43.0 (T 24), i!R 44.0-46.0 (T 14-12), F 09 10.0, T 0.8, A 1.0, d = 2 050 Kms, H = 08:32:32, CGS: reg. frontera, Perú-Ecuador, 3.6 S, 77.9 W, M 4.7, h = 32 Kms.-

3. iX(Pn) 12 53 (18.2), ei(Sn) 54 20, ei 54 32, FX (57.0), T 0.6, A 1.5, d = 670 Kms, H = 12:51:44, MC 4.2.-

3. iXP 15 22 10.0 C, FX 24.0, T 0.9, A 5.3, P-azimut: NW.-

3. eWZR 16 29.0-36.0 (T 40-30), eiR 37.7-46.2 (T 24-18), F 17 10.0.-

3. eiXPn 18 50 07.5 C, eiPb 50 27.0, iPg 50 42.0, eiSn 51 20, eiSn 51 25, eiSb 51 55, FX 55.0, T 0.8, A 4.8, P-azimut: SW, d = 785 Kms, H = 18:48:29, MC 4.7, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.7, h = 164 Kms.-

3. eXPn 19 50 03.0, (iSn) 50 35, eiSb 50 47, eiSg 50 52, FX 51 20.0, T 0.4, A 1.0, d = 300 Kms, H = 19:49:22, MC 3.5.-

3. ei(P) 20 58 37.5, eiWZR 21 10.0-16.2, F 30.0, T 0.7, A 1.5.-

4. iXP 02 24 51.1 C, FX 26.0, T 0.9, A 3.3, CGS: H = 02:11:49.9, Islas Fox, Aleutianas, 51.3 N, 170.6 W, M 5.5, h = 18 Kms, d = 10 250 Kms.-

4. eWZP 03 10 30, eiPcP 11 09.5, ei!PS 18 40, eiSS 22 30, ei 26 30, eiR 28.5-35.5 (T 44.0-15.0), F 04 18.0, R-azimut: SW-SSW, d = 6 400 Kms, H = 03:00:46, CGS: S del Océano Pacífico, 36.1 S, 103.1 W, M 4.8, h = 33 Kms.-

Continúa

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Continuación del mes de Diciembre de 1.965.

5. eiXPKP 16 50 32.0, FX 52.0, T 0.8, A 3.3, CGS: H = 16:30: 59.3, Taiwan, 23.9 N, 121.7 E, M 5.2, h = 52 Kms, d= 16 200 Kms.-

5. eWZR 19 03.0-13.0 (T 36-22), eiR 19.0-24.0 (T 20-16), F 40.0, CGS: H = 18:14:50.2, Islas Near, Aleutianas, 52.6 N, 173.2 E, M 5.5, h = 36 Kms, d = 11 050 Kms.-

6. iXP 04 43 44.0, ePPP 44 34.0, eiS 47 26, eiSS 48 25, eiL y R 49.0-54.0 (T 36-18), F 05 25.0, T 1.0, A 2.3, d = 2 400 Kms, H = 04:39:10, CGS: cerca costa de Nicaragua, 12.7 N, 87.3 W, M 4.6, h = 47 Kms.-

6. iXPn 07 14 39.9, eipP 14 45, eSn 15 27, ei 15 43, eiSb 15 50, eiSg 16 03, F 18.0, T 0.5, A 2.0, P-azimut: E, d = 500 Kms, H = 07:13:30.-

6. eXP 11 42 27.0 D, eiPPP 44 22, iS 48 32, ei(SSS) 51 40, iML 52.0-56.0 (T 60-30), eiR 56.0-60.0 (T 26-22), F 15 20.0, T 2.5, A 5.4, P-azimut: WNW, d = 4 500 Kms, H = 11: 34:53, CGS: frente costa de Jalisco, México. 18.9 N, 107.1 W, M 5.9, h = 37 Kms.-

6. eWZP 18 50 10.0, eXpP 50 45.5, eiPPP 52 02, eS 56 20, eiS 56 30, ei!SSS 59 30, eiL y R 19 00.5-03.5 (T 50-30), iMR 04.5-06.5 (T 26-22), F 20 00.0, T 1.5, A 1.7, R-azimut: WNW, d = 4 500 Kms, H = 18:42:28, CGS: frente costa de Jalisco, México, 18.8 N, 107.0 W, M 5.1, h = 40 Kms.-

7. eXP 03 48 48.5, eWZS 52 14, eiSS y PcP 53 00, iR 56.4-58.5 (T 14-12), F 04 10.0, T 0.7, A 1.1, R-azimut: SW, d = 2 150 Kms, H = 03:44:40, CGS: reg. frontera, Perú-Ecuador, 3.5 S, 78.1 W, M 4.4, h = 46 Kms.-

7. iXWZPKP 22 38 47.0 D, iXpPKP 39 22, eiWZXPP 42 12, eiSKKS 48 57, eiPSKS 52 21, eiPPS 55 00, eSS 23 01 50, eL 21.0-26.0 (T 60-40), eiR 06.5 (T 22), eiR 09.0 (T 20), F en las ondas superficiales siguientes. T 1.5, A 26.5, CGS: H = 22:19:14.8, reg. E de Nueva Guinea, 6.4 S, 146.3 E, M 6.4, h = 109 Kms, d = 16 450 Kms.-

8. eWZX(P) 18 21 (10) D, eiPPP 25 40, ePcS 27 17, iS 30 35, iScS 31 47, i!SS 34 29, eR 45.6 (T 30), eR 53.3 (T 26), F 19 25.0, T 0.8, A 1.9, d = 6 800 Kms, H = 18:11:05.-

8. eiX(P) 22 18 25.0 D, FX 18 39.0, T 0.6, A 3.0.-

9. eiXP 06 14 17.8 C, iP 14 18.2 D, iPP 15 30, iPcP 16 25, i 18 02, i!S 19 36, iPcS 20 05, iSS 21 50, MR 23.1-25.2 (T 50-25), MR 25.7-28.0 (T 28-22), MR 28.4 (T 20, A_Z 30 u), MR 31.1 (T 16), F 10 00.0, T 2.5 (!), A 5.0, P-azimut N 80 W, d = 3 650 Kms, H = 06:07:50, MC 5.8, CGS: Guerrero, Mexico, 17.3 N, 100.0 W, M 6.0, h = 57 Kms, sentido en el S de Mexico.-

Continúa

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Continuación del mes de Diciembre de 1.965.

9. eiWZPKP 13 31 24, ePPP 34 50, eiS 40 10, (eR) 58.0 (T 50), eL 14 07.0 (T 34), F 15 30.0, CGS: H = 13:12:55.5, reg. Islas Fiji, 18.0 S, 178.2 W, M 5.6, h = 650 Kms, d = 12 650 Kms.-

9. eiXPg 19 44 52.5 D, iSg 44 55.8, FX 45 20, T 0.4, A 1.4, d = 26 Kms, H = 19:44:47, MC 2.7.-

10. eXP 03 04 07.8, eWZ(S) 08 13, eiR 13 (T 18), F 18.0, T 1.0, A 1.7, d = 2 400 Kms, H = 02:59:18, CGS: cerca costa N del Perú, 6.5 S, 80.8 W, M 4.6, h = 30 Kms.-

10. iXP 03 48 01.0, iXpP 48 05, iS 49 25, FX 52.0, T 0.7, A 2.4, P-azimut: N-NNW, d = 920 Kms, H = 03:46:01, MC 4.6, CGS: Estrecho de la Mona, 18.6 N, 69.0 W, M 4.7, h = 131 Kms.-

10. eWZPKP 22 12 (26.0), eiPP 14 20, eiSKP 15 40, ePPP 17 22, eiSKS 19 24, eiSKKS 21 10, eiPS 24 30, eiPPS 26 20, eiSS 32 30, eSSS 36 40, eiL y R 53.0-58.0 (T 36-26), eiR 58.0-60.0 (T 26-18), F 24 00.0, R-azimut: W-WSW, d = 14 400 Kms, H = 21:53:16, CGS: Islas Sta. Cruz, 11.4 S, 166.2 E, M 5.8, h = 55 Kms.-

11. iXP 13 47 47.0 D, FX 49.0, T 0.7, A 3.0, CGS: H = 13:40:13, Prov. La Rioja, Argentina, 29.7 S, 67.0 W, M 5.0, h = 29 Kms, d = 4 500 Kms.-

12. eXP 09 39 12.4, iS 41 01.5, FX 43.0, T 0.7, A 1.2, d = 1 080 Kms, H = 09:36:52, MC 4.7, CGS: Colombia, 4.9 N, 74.9 W, M 4.2, h = 33 Kms.-

12. eiWZR 17 33.0-41.0 (T 34-18), F 18 30.0.-

12. eXPn 18 36 14.2, ei!Pb 36 33, eiSn 37 27.0, iSn 37 32, iSb 38 01, eiSg 38 23, FX 42.0, T 0.6, A 1.2, P-azimut: SW-WSW, d = 785 Kms, H = 18:34:36, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.6, h = 162 Kms.-

12. iXWZP 22 28 51.5, eiWZS 31 52, F 23 00.0, T 1.1, A 6.5, CGS: Ecuador, H = 22:25:14.1, 1.5 S, 77.7 W, M 4.2, h = 191 Kms, d = 1 750 Kms.-

13. eiXPKP 04 05 24.0 C, FX 06 30, T 1.3, A 2.1, CGS: H = 03:44:49.0, Islas Aru, 5.7 S, 133.8 E, M 5.2, h = 33 Kms, d = 17 600 Kms.-

13. eX(Pn) 08 17 (38.7), FX 21.0, T 0.4, A 0.8.-

13. eiWZX (PKP 11 11 50.0, eiWZPP 12 24, eiPPP 14 40, eiSKKS 19 33, ei!PS 21 30, ePPS 22 30, ePKKP 23 35, ei!SS 27 48, ei 29 00, eSSS 32 00, e 39 40, eL 44.0-48.5 (T 40-36), eiR 56.0-64.0 (T 26-22), eiR 12 07.0 (T 19), F 13 30.0, T 1.5, A 1.5, R-azimut: NW-NNW, d = 13 000 Kms, H = 10:53:10.0, CGS: Islas Kuriles, 44.7 N, 150.1 E, M 5.7, h = 35 Kms.-

Continúa

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Continuación del mes de Diciembre de 1.965.

13. iXP 15 19 47.0, eWZXPcP 20 15.0, e(PP) 23 20, eiS 29 40, eiSS 34 28, (eL) 40.0 (T 60), eR 43.0 (T 60), eR 45.0-50.5 (T 30-23), eiR 50.5-53.0 (T 24-22), eiR y L 54.5-58.0 (T 20), eiR 16 30.0, T 1.1, A 2.0, CGS: H = 15:08:27, S de las Islas Sandwich, 56.1 S, 27.6 W, M 5.2, h = 157 Kms, d = 8 300 Kms.-

13. iXPg 22 30 25.5 D, iSg 30 27.5, F 31 20, P-azimut: W, d = 16 Kms, H = 22:30:22, T 0.3, A 1.5, MC 3.0.-

14. iXP 05 01 09.6 C, FX 03.0, T 0.8, A 3.0, CGS: H = 04:55: 14, cerca costa de Chile N, 18.3 S, 70.4 W, M 4.8, h = 50 Kms, d = 3 200 Kms.-

14. eX(WZ)P 06 17 03.2, ePcS 22 05, eS 25 40, ePS 26 10, eR 37.0-40.0 (T 30-22), eiR 41.0 (T 18), F 56.0, T 1.3, A 1.0, d = 7 000 Kms, H = 06:06:50, CGS: Cordillera de las Islas Pascuas, 35.0 S, 111.4 W, M 5.1, h = 33 Kms.-

14. iX(P) 14 25 47.0, eiX(PP) 26 07, FX 28.0, T 0.6, A 4.8, CGS: H = 14:21:05.3, Guatemala, 14.4 N, 89.8 W, M 4.9, h = 276 Kms, d = 2 500 Kms.-

14. eiWZR 17 47.5-54.0 (T 40-22), F 18 16.0, CGS: H = 17:27: 01.7, Golfo de California, 25.9 N, 109.7 W, M 4.9, h = 33 Kms, d = 4 850 Kms, fue sentido en Yvaros y Sonora, Mexico.-

15. eWZPS 02 43 50.0, eiR 52.0-54.2 (T 34-23), F 03 12.0, CGS: H = 02:26:10.5, Islas Ascensión N, 3.3 S, 12.0 W, M 4.8, h = 33 Kms, d = 6 300 Kms.-

15. eiXP 05 06 41.0 C, FX 08.0, T 1.2, A 2.4.-

15. eX(PKP1) 08 43 08.5, ei(PKP2) 43 46.4, FX 45.0, T 0.8, A 1.2, CGS: H = 08:22:21.9, N de Célebes, 0.0 N, 123.7 E, M 5.9, h = 162 Kms, d = 18 500 Kms.-

15. eWZXP 23 08 56.0 D, ipP 09 03.0, i(PP) 09 28, eXS 11 58, iS 12 00, eiSS 12 40, i(SS) 12 50, iL (SN) 14.0 (T 26), iL y R (SN) 16.0-20.0 (T 20-15), F 26 30, T 0.8, A 3.8, P-azimut: N 93.5 W, d = 1 750 Kms, H = 23:05:26, CGS: S de Panamá, 7.5 N, 82.2 W, M 6.0, h = 15 Kms.-

16. eX(P) 05 27 45.0, FX 29.0, T 0.7, A 1.5.-

16. eWZR 11 17.0-35.0 (T 30-28), eiR 36.0-44.0 (T 26-18), F 12 00.0, CGS: H = 10:09:23.3, Cresta SE del Océano Pacífico, 47.4 S, 99.7 E, M 5.6, h = 33 Kms, d = 15 850 Kms.-

16. eWZXP 13 48 14.0 C, eS 56 20, ePS 56 28, eSS 14 00 00, eL 03 (T 60), eiR 07.0-11.6 (T 30-16), F 30.0, T 0.6, A 1.7, P-azimut: SW-SSW, d = 6 550 Kms, H = 13:38:26, CGS: S del Océano Pacífico. 35.3 S, 105.0 W, M 5.1, h = 33 Kms.-

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Continuación del mes de Diciembre de 1.965.

16. iX 19 24 08.0, FX 25.0, T 0.7, A 2.0.-

16. iX(WZ)P 22 52 53.2 C, iX(pP) 53 20, eiPcS 58 48, eiSSS 23 00 24, eL y R 03.0 (T 44), eiR 06.6-08.0 (T 15-12), F en el sismo siguiente. T 1.0, A 4.7, P-azimut: S, d = 3 600 Kms, H = 22:46:29, CGS: N de Chile, 22.4 S, 68.5 W, M 5.5, h = 116 Kms.-

17. eXP 04 07 30.0, FX 08.0, T 0.9, A 2.6, CGS: H = 04:03:29, Costa Rica, 9.3 N, 84.3 W, M 4.2, h = 33 Kms, d = 1 850 Kms.-

17. eWZPP 06 18 50.0, eiR 25.7-30.0 (T 30-20), F en el sismo siguiente. CGS: H = 06:12:32.8, Cresta del Atlántico Central, 8.7 N, 39.3 W, M 4.7, h = 33 Kms, d = 3 000 Kms.-

17. eWZX(P) 06 23 (20.0), eiPPP 24 24, eiR 30.0-33.5 (T 42-24), eiR 35.5-38.3 (T 18-15), F 07 00.0, T 1.0, A 1.3, d = 3 000 Kms, H = 06:17:30, CGS: Cresta del Atlántico Central, 8.6 N, 39.4 W, M 5.8, h = 33 Kms.-

17. iXPg 19 31 46.3 D, iSg 31 48.0, FX 32 30, P-azimut: N 49 W, d = 14 Kms, H = 19:31:43.3, T 0.3, A 2.9, MC 3.2.-

17. iXPn 21 15 28.2 D, eiPb 15 47, ei(Sn) 16 29, eSn 16 39, eiSb 17 13, eiSg 17 36, FX 22.0, T 0.5, A 1.8, P-azimut: SW-WSW, d = 770 Kms, H = 21:13:43, CGS: N de Colombia, 6.9 N, 73.0 W, M 4.6, h = 168 Kms.-

18. iXPg 14 24 48.9 D, i!Sg 24 49.6, FX 25.0, d = 6 Kms, H = 14:24:47.4, T 0.3, A 2.0, MC 2.8.-

18. iXPg 15 34 25.5 C, i!Sg 34 26.7, FX 34 50, d = 12 Kms, H = 15:34:23.0, T 0.3, A 1.2, MC 2.8.-

18. eiXPg 15 42 00.5, iSg 42 01.2, FX 42 20.0, d = 6 Kms, H = 15:41:58, T 0.2, A 0.9, MC 3.0.-

18. iXPn 17 21 46.5 C, i 22 00, eiPg 22 17, iSn 23 02, eiSb 23 36, eiSg 23 53, FX 26.0, T 0.7, A 3.3, P-azimut: W-WSW, d = 770 Kms, H = 17:19:57, MC 4.5.-

18. iXPg 18 54 16.5 C, iSg 54 19.0, FX 55.0, T 0.4, A 1.3, d = 20 Kms, H = 18:54:12, MC 2.6.-

19. iXP 20 15 55.0, iXpP 16 08, eiS 20 32, eR 23.0 (T 40), eiR 26.0-27.5 (T 18-10), F 45.0, T 0.8, A 2.3, d = 2 800 Kms, H = 20:10:25.0, CGS: Perú, 14.8 S, 73.6 W, M 5.1, h = 94 Kms.-

19. eiWZXPKP 22 26 00.0, ei(PP) 29 08, eiSKP 29 45, eiPPP 32 00, eiSKS 33 30, eiSKKS 35 24, eiPS 39 28, eL 23 06.0-10.0 (T 60-34), eiR 14.0-20.0 (T 40-22), iMR 20.0-26.0 (T 20-18), F 24 30.0, T 0.8, A 1.7, R-azimut: SE, d = 14 900 Kms, H = 22:06:39, CGS: Cresta del Océano Indico Central. 32.2 S, 78.8 E, M 5.8, h = 33 Kms.

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16. iX 19 24 08.0, FX 25.0, T 0.7, A 2.0.-

16. iX(WZ)P 22 52 53.2 C, iX(pP) 53 20, eiPcS 58 48, eiSSS 23 00 24, eL y R 03.0 (T 44), eiR 06.6-08.0 (T 15-12), F en el sismo siguiente. T 1.0, A 4.7, P-azimut: S, d = 3 600 Kms, H = 22:46:29, CGS: N de Chile, 22.4 S, 68.5 W, M 5.5, h = 116 Kms.-

17. eXP 04 07 30.0, FX 08.0, T 0.9, A 2.6, CGS: H = 04:03:29, Costa Rica, 9.3 N, 84.3 W, M 4.2, h = 33 Kms, d = 1 850 Kms.-

17. eWZPP 06 18 50.0, eiR 25.7-30.0 (T 30-20), F en el sismo siguiente. CGS: H = 06:12:32.8, Cresta del Atlántico Central, 8.7 N, 39.3 W, M 4.7, h = 33 Kms, d = 3 000 Kms.-

17. eWZX(P) 06 23 (20.0), eiPPP 24 24, eiR 30.0-33.5 (T 42-24), eiR 35.5-38.3 (T 18-15), F 07 00.0, T 1.0, A 1.3, d = 3 000 Kms, H = 06:17:30, CGS: Cresta del Atlántico Central, 8.6 N, 39.4 W, M 5.8, h = 33 Kms.-

17. iXPg 19 31 46.3 D, iSg 31 48.0, FX 32 30, P-azimut: N 49 W, d = 14 Kms, H = 19:31:43.3, T 0.3, A 2.9, MC 3.2.-

17. iXPn 21 15 28.2 D, eiPb 15 47, ei(Sn) 16 29, eSn 16 39, eiSb 17 13, eiSg 17 36, FX 22.0, T 0.5, A 1.8, P-azimut: SW-WSW, d = 770 Kms, H = 21:13:43, CGS: N de Colombia, 6.9 N, 73.0 W, M 4.6, h = 168 Kms.-

18. iXPg 14 24 48.9 D, i!Sg 24 49.6, FX 25.0, d = 6 Kms, H = 14:24:47.4, T 0.3, A 2.0, MC 2.8.-

18. iXPg 15 34 25.5 C, i!Sg 34 26.7, FX 34 50, d = 12 Kms, H = 15:34:23.0, T 0.3, A 1.2, MC 2.8.-

18. eiXPg 15 42 00.5, iSg 42 01.2, FX 42 20.0, d = 6 Kms, H = 15:41:58, T 0.2, A 0.9, MC 3.0.-

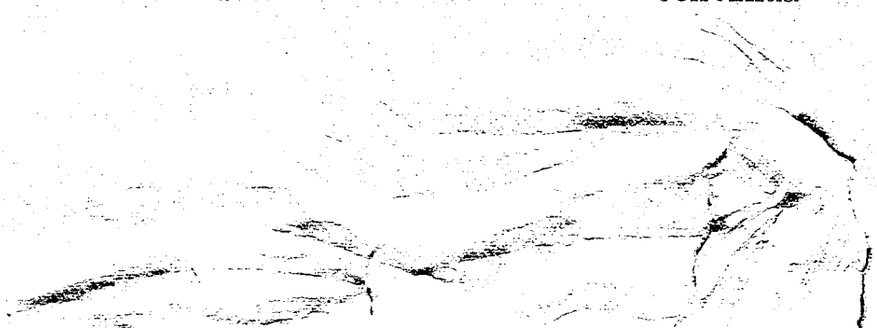
18. iXPn 17 21 46.5 C, i 22 00, eiPg 22 17, iSn 23 02, eiSb 23 36, eiSg 23 53, FX 26.0, T 0.7, A 3.3, P-azimut: W-WSW, d = 770 Kms, H = 17:19:57, MC 4.5.-

18. iXPg 18 54 16.5 C, iSg 54 19.0, FX 55.0, T 0.4, A 1.3, d = 20 Kms, H = 18:54:12, MC 2.6.-

19. iXP 20 15 55.0, iXpP 16 08, eiS 20 32, eR 23.0 (T 40), eiR 26.0-27.5 (T 18-10), F 45.0, T 0.8, A 2.3, d = 2 800 Kms, H = 20:10:25.0, CGS: Perú, 14.8 S, 73.6 W, M 5.1, h = 94 Kms.-

19. eiWZXPKP 22 26 00.0, ei(PP) 29 08, eiSKP 29 45, eiPPP 32 00, eiSKS 33 30, eiSKKS 35 24, eiPS 39 28, eL 23-06.0-10.0 (T 60-34), eiR 14.0-20.0 (T 40-22), iMR 20.0-26.0 (T 20-18), F 24 30.0, T 0.8, A 1.7, R-azimut: SE, d = 14 900 Kms, H = 22:06:39, CGS: Cresta del Océano Indico Central. 32.2 S, 78.8 E, M 5.8, h = 33 Kms.-

Continúa



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20. iX(P) 05 38 42.0, iX 39 15, FX 40.0, T 0.7, A 2.0.-

20. iX(Pg) 22 39 42.0, FX 40.0, T 0.5, A 1.4.-

21. eWZXP 08 47 16.0, eiPP 48 10, eS 52 30, eiPcS 53 09, eiL 56.0-59.5 (T 40-22), eiR 59.5-61.2 (T 24-18), eiR 09 03.0 (T 17), F 30.0, T 0.9, A 1.7, R-azimut: NW, d = 3 450 Kms, H = 08:41:01, CGS: cerca costa de Guerrero, Mexico, 16.8 N, 98.1 W, M 5.0, h = 53 Kms.-

21. iXPn 12 27 23.0 C, iPP 27 28, ei(Pb) 27 45, iLg 28 31, eiSn 28 36, eiSg 29 26, FX 35.0, P-azimut: N 116º W, d = 770 Kms, H = 12:25:46, T 0.7, A 12.0, MC 5.0, CGS: N de Colombia, 6.9 N, 73.0 W, M 4.9, h = 172 Kms.-

21. eWZXP 23 37 21.0 C, e 45 16, eS 47 51, ePS 48 36, eiSS 53 32, eR 24 05.4-13.0 (T 40-16), F 27.0, T 1.0, A 1.6, d = 9 400 Kms, H = 23:24:51.-

22. iWZXPKP 01 12 38.0 C, FX 12 55.0, T 0.9, A 2.4, CGS: H = 00:52:56.0, Mindanao, Filipinas, 6.6 N, 124.1 E, M 5.6, h = 542 Kms.-

22. eWZXPn 02 02 21.5 D, iSn 03 38, eiSn 03 50, eSb 04 27, eiSg 04 48, FX 06.0, T 0.4, A 0.8, d = 820 Kms, H = 02:00: 26.-

22. eWZP 03 54 (38), eS 59 14, eR 04 01.5-06.1 (T 30-20), F en el sismo siguiente, d = 3 000 Kms, H = 03:49:(00), CGS: Cresta del Atlántico Central, 8.2 N, 39.4 W, M 4.8, h = 33 Kms.-

22. eR 04 35.9 (T 30), MR 37.5 (T 28), F 58.0.-

22. iWZXP 19 53 21.0 D, iPcP 53 35.5, iPP 56 40, eiPPP 58 30, ei 59 38, iS 20 03 17, iScS 03 38, iPS 04 14, i 05 25, eiSS 08 30, eR 18.0 (T 55-60), MR 29.0 (T 21, 214 u), F 22 50.0, T 1.0, A 37.0, P-azimut: N 38 W, d = 8 700 Kms, H = 19:41:27, MC 6.3, CGS: reg. Islas Kodiak, 58.4 N, 153.0 W, M 6.5, h = 50 Kms, daños menores en la Isla Kodiak.-

23. iWZXPn 01 59 59.6 D, iSn 02 01 38, iSb 02 00, iSg 02 46, FX 07.0, T 0.7, A 2.0, P-azimut: SW, d = 970 Kms, H = 01:57:51, MC 4.6, CGS: Colombia, 5.3 N, 74.3 W, M 4.9, h = 59 Kms.-

23. eiWZXP 20 59 06.0 D, ePPP 21 03 40, iS 08 32, eiPS 09 12, eiSS 13 50, eSSS 17 00, eL 20.3 (T 40), eR 25.0 (T 40), MR 28.9 (T 20), MR 31.3 (T 20, 226 u), F 55.0, T 1.2, A 1.9, d = 8 200 Kms, H = 20:47:41, CGS: SE de Alaska, 60.5 N, 141.0 W, M 5.4, h = 33 Kms.-

24. iWZXPn 17 07 28.8 C, i Pb 07 32, iPg 07 34, iSb 07 43, FX 08 20, T 0.4, A 2.7, P-azimut: E, d = 115 Kms, H = 17:07:13.8, MC 4.0.-

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24. iWZXPKP 22 40 30.2 C, iX 40 44, FX 41.8, T 1.3, A 2.5, CGS: H = 22:20:54.9, reg. Nueva Bretaña, 6.9 S, 148.1 E, M 5.1, h = 52 Kms, d = 16 150 Kms.-

24. eXPn 22 53 (06.5), iSn 54 24, FX 56.3, T 0.7, A 1.4, d = 785 Kms, H = 22:51:(30), MC 4.3, CGS: N de Colombia, 6.8 N, 73.0 W, M 4.3, h = 160 Kms.-

25. ePKP 03 (14) (42), ePPP 18 40, eSKS 21 20, iSKKS 22 34, iPS 25 20, e 29 20, eiSS 31 50, eSSS 36 20, eR 43.0 (T 45), F 04 35.0, d = 13 100 Kms aprox., H = 02:55:(45, SKS).-

26. eXPn 03 07 19.0, FX 08 20, T 0.7, A 1.2.-

26. eiWZXPKP 04 12 29.6 C, iPP 16 08, i(SKP) 16 45, iSKKS 22 14, eiPSKS 25 46, i(PS) 26 24, eiPPS 28 37, iSS 34 04, iSSS 40 00, eL 50.0 (T 50), MR 59.3 (T 40), eR 05 03.0 (T 20), F 06 30.0, T 1.1, A 1.7, R-azimut: W-WSW, d = 15 850 Kms, H = 03:53:10, CGS: reg. Nueva Bretaña, 5.5 S, 151.4 E, M 6.0, h = 133 Kms.-

26. eR 19 30.1-35.5 (T 34-20), F 48.0, CGS: H = 18:05:38.9, S de las Islas Fiji, 23.8 S, 180.0 W, M 5.2, h = 520 Kms, d = 12 800 Kms.-

27. Microsismicidad alta en los LP:

13h	T 4.0 seg.	E	0.5 u,	N	0.7 u,	Z	1.0 u
18h	T 4.4 "	E	0.3 u,	N	0.7 u,	Z	0.8 u
28. 00h	T 4.0 "	E	0.5 u,	N	0.8 u,	Z	0.9 u
06h	T 4.0 "	E	0.4 u,	N	0.7 u,	Z	0.6 u
12h	T 3.6 "	E	0.25u,	N	0.5 u,	Z	0.6 u

27. eWZ 20 38 33, eiL 21 10.5-13.0 (T 42-30), F en el sismo siguiente.-

28. eiWZR 21 55.0-66.0 (T 34-26), eiR 22 11.5-14.5 (T 24-20), F 25.0.-

28. iXPKP 20 52 (11.8) C, eiXPP 55 00, ePPP 58 14, eSKS 59 28, ePSKS 21 04 32, ePPS 06 51, MR 41.0-46.0 (T 25-22), MR 50.0 (T 20, 21 u), F en el sismo siguiente. T 0.8, A 1.7, d = 14 900 Kms, H = 20:32:(49), CGS: reg. Islas Bonin, 27.8 N, 141.8 E, M 5.9, h = 36 Kms.-

28. eiXP 22 08 51.0 D, i 08 52.2 C, iPP 09 12, eiS 12 06, eiSS 12 53, ML 14.0 (T 20), MR 16.1 (T 12), F 55.0, T 0.9, A 7.6, P-azimut: SW-WSW, d = 2 000 Kms, H = 22:04:55, CGS: reg. frontera Perú-Ecuador, 3.2 S, 77.2 W, M 5.5, h = 14 Kms.-

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29. Microsismicidad alta en los LP:

00h	T 7.0 seg.	E	0.5 u,	N	0.8 u,	Z	0.7 u
06h	T 7.5 "	E	0.7 u,	N	1.2 u,	Z	1.2 u
12h	T 7.5 "	E	0.5 u,	N	0.7 u,	Z	0.7 u

29. eXP 04 12 23.0, eS 15 (39), eiSS 16 19, FX 22.0, T 0.7, A 1.4, d = 2 000 Kms, H = 04:08:28, CGS: reg. frontera Perú-Ecuador, 3.2 S, 77.3 W, M 4.7, h = 24 Kms.-

29. eXPKP 04 36 24.1 C, eSKP 40 30, ePS 50 16, eSS 57 40, eR 05 37.5 (T 20), F 06 20.0, T 1.0, A 2.2, d = 15 700 Kms aprox., H = 04:12:00.-

29. Microsismicidad alta en los LP:

18h	T 7.0 seg.	E	0.5 u,	N	0.6 u,	Z	0.8 u
24h	T 7.0 "	E	0.4 u,	N	0.6 u,	Z	0.7 u
30. 06h	T 7.3 "	E	0.3 u,	N	0.7 u,	Z	0.8 u
12h	T 7.0 "	E	0.5 u,	N	0.8 u,	Z	1.0 u

30. eWZXP 02 19 10.0, ePP 22 40, ePPP 24 34, eiS 29 38, eiSS 35 40, eSSS 40 00, ei 41 42, eiL 44.0-50.0 (T 54-26), eiR 50.5-58.2 (T 35-22), eiR 03 05.0 (T 15), F 30.0, T 1.1, A 3.4, R-azimut: N-NNW, d = 9 400 Kms, H = 02:06:34, CGS: reg. Islas Unimak, 54.1 N, 164.3 W, M 5.6, h = 28 Kms.-

30. eWZXP 06 21 38.5 C, iPP 22 15, iS 26 09, eiSS 27 20, eiL 30.0 (T 40), eiR 32.0-34.0 (T 16-14), F 07 00.0, T 0.5, A 4.5, R-azimut: SW, d = 3 000 Kms, H = 06:16:07, CGS: S del Perú, 16.8 S, 71.2 W, M 5.7, h = 118 Kms, sentido en Arequipa, Perú.-

G.Fiedler

E. de Gyomrey

G.N.