

UNIVERSIDAD DE CHILE
 Instituto de Geofísica y Sismología.
 Casilla 2777
 Santiago, Chile

Chile 1965

PROVISIONAL READINGS AT CONCEPCION.

35° 49' 41" S 73° 02' 42" W h = 46 mts.

Jan. 05 eP 05:42:26.8	Jan. 06 eP 21:49:48.5	Jan. 09 eP 09:57:10
1965 eS 80	1965 eS 57.5	1965 10 i 07:16:07
Distance 80 Km	Distance 72 Km	
09:24:--	08 eP 23:50:12.5	

A. Sickinger
 Seismologist.

PROGRAMA SISMOLOGICO ZONA NORTE

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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h = 80 mts.

Jan. 01 iP 00:21:30.1	Jan. 04 iP 04:10:00.6	Jan. 06 iP 09:23:51.4	Jan. 09 iP 17:09:36.8
1965 eS 22:12.3	1965 iS 17.5	1965 e 25:54	1965 iS 10:15.3
iS 15.4	Compression from ENE	e(S) 27:55	Compression from NE
Dilatation from SW	Distance 130 Km	iR 28:59.8	Distance 360 Km
eP 03:37:35.9	eP 11:35:42.5	Distance 22.5°	iP 18:21:03.8
eS 51.4	eS 36:03.9	iP 10:07:43.8	iS 38.7
Distance 110 Km	Distance 150 Km	iS 08:20.4	Compression
eP 07:09:03.7	iP 18:30:02.0	Compression from ESE	Distance 310 Km
eS 40	iS 12.5	Distance 320 Km	10 iP 04:06:42.0
Distance 320 Km	Distance 80 Km	eP 18:46:29.1	iS 07:20.5
iP 09:12:53.8	05 iP 04:49:02.3	iS 55.4	Compression from NE
iS 13:32.7	iS 39.4	Distance 220 Km	Distance 340 Km
Compression	Distance 330 Km	07 iP 00:17:12.0	iP 08:41:02.8
Distance 350 Km	iP 13:45:28.8	eS 20.0	eS 22.6
iP 11:52:12.4	eS 46:04.5	iS 24.4	iS 27.7
iS 27.1	Distance 310 Km	eP 04:29:32.2	eP 13:51:12
Dilatation from NNE	eP 16:54:45.0	eS 30:14.8	eP 15:45:35.4
Distance 110 Km	iS 55:04.7	Distance 380 Km	iP 15:45:37.2
No records from 1-1-65	Distance 160 Km	08 eP 18:02:18.7	iS 46:02.5
at 15:30 to 1-1-65 at 14:30	eP 18:19:16	iS 45.4	Distance 220 Km
02 iP 21:18:29.2	ePPP 24:39	Distance 220 Km	iP 17:05:50.4
eS 19:17	eS 29:49	eP 21:22:03	iS 06:12
Compression from SSE	ePS 31:37	iS 25:02	Dilatation
PZ = 0.35 u, 0.7 sec.	ePPS 32:24	eR 26:10	Distance 190 Km
03 iP 10:10:18.2	eSS 36:44	Distance 17°	iP 19:40:15.3
eS 37.6	eR 48:50	09 eP 12:05:17.5	eS 41:17.9
Compression from NE	Distance 90°	iS 06:50.1	Dilatation
Distance 140 Km	iPKP 01:14:10.8	Distance 920 Km	PZ = 1.2 u, 0.8 sec
iP 12:18:39.3	iP 01:32:05.2	iP 12:11:52.6	Distance 600 Km
eS 19:27.4	eS 28.1	iS 57.7	eP 21:02:27.6
Distance 450 Km	Compression from NE	Compression from SSE	iS 54.5
04 iP 02:46:27.5	Distance 260 Km	Distance 40 Km	Distance 250 Km
eS 47:09	iP 01:49:01.3	iP 15:43:38.1	iP 22:20:43.2
Compression	iS 39.6	iS 44:14.5	iS 21:56.0
Distance 370 Km	Distance 330 Km	Compression	Distance 100 Km
iP 07:22:55.5	iP 07:22:55.5	Distance 320 Km	11 iP 09:57:23
iS 23:05.9	iS 23:05.9	e(P) 16:12:21.3	iS 41.8
Compression from NNE	Distance 80 Km	eS 56.5	Distance 140 Km

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PROVISIONAL READINGS AT SANTIAGO.

 $33^{\circ} 26' 40'' S$ $70^{\circ} 38' 54'' W$ H = 581 mts.

Dec. 18 iP 12:55:20.3
 1964 eS 53.5
 Distance 315 Km

eP 17:00:11
 eS 34
 Distance 110 Km

19 iP 06:10:51.5
 eS 11:04.5
 Compression
 Distance 110 Km

iP 08:13:25
 eS (37)

eP 10:02:20
 eS 03:39.5
 Distance 740 Km

eP 11:49:(20)
 eS 51:(00)
 On time mark

eP 12:54:38
 eS 56:02.5
 Distance 225 Km

eP 20:25:38.3
 eS 55.3
 Distance 120 Km

20 iP 02:53:16
 eS 36
 Dilatation
 Distance 180 Km

eP 04:20:53
 eS 21:12
 Distance 170 Km

eP 07:01:06
 e 49

iP 08:45:05
 eS 21
 Dilatation
 Distance 140 Km

eP 09:00:48
 eS 01:06
 Distance 160 Km

e 11:06:39.3

eP 12:57:08
 e(S) 22.8

Dec. 20 eP 15:48:03.5
 1964 e 55.5
 Teleseism

21 iP 02:53:04.5
 eS 19.2
 Distance 130 Km

eP 08:59:29.2
 Teleseism

eP 22:00:23
 eS 01:23
 Distance 580 Km

iP 22:20:07.5
 eS 40.5
 Distance 310 Km

22 eP 01:28:50.6
 eS 29:10.1
 Distance 175 Km

e 05:48:--
 eL 56:--

eP 08:10:07.5

eP 09:34:54.5

eP 13:53:08.5
 eS 22.5
 Distance 170 Km

eL 21:28:--

Pn 22:16:14
 S* 17:12.5
 SG 23
 Distance 450 Km

23 e(P) 05:29:37
 eS 31:06

iP 05:32:31.3
 iS 41.5
 Compression
 Distance 80 Km

eP 05:54:05.7
 eS 06:00:04
 eL 06:--
 Distance about 38°

eP 06:32:43.5
 eS 34:27.5
 Distance 12°

eP 16:08:48
 eS 09:(08)

Dec. 24 i 19:04:36
 1964 eP 20:20:06
 e(S) 58

25 eP 08:39:03.5
 e(S) 13.5

eP 08:51:59.2
 ePP 52:03.5
 eS 54:40
 eSS 56
 eR 55:26
 Distance 15°

eP 09:53:36
 Teleseism

eP 17:58:37.5
 e(S) 18:00:12

26 e 08:26:10
 eP 10:32:09.5
 eS 26.2
 Dilatation
 Distance 145 Km

eP 12:19:51.3
 eS 20:04
 Distance 107 Km
 Small

eP 14:49:44.5

27 eP 05:30:05.2
 eS 24
 Distance 170 Km
 Small

eP 12:37:54
 eS 38:25
 Distance 290 Km

eP 13:59:25.4
 eS 41.3
 Distance 140 Km

eP 14:57:49.5
 eS 58:15.5
 Distance 240 Km

eP 16:03:20
 eS 36.2
 Distance 140 Km

eP 16:42:36.5
 eS 52.5
 Distance 140 Km

Dec. 28 eP 04:14:51
 1964 eS 15:04.5
 Distance 115 Km
 Small

eP 10:27:40
 eS 28:09.5
 Distance 175 Km

eP 16:28:20.4
 ePP 31:26
 ePPP 32:42
 eS 37:55
 e(SS) 41:08
 eSSS 45:12
 eR 52:--
 Distance 74°

eP 21:07:20
 eS 08:12
 Distance 500 Km

29 eP 02:17:34.2
 e 48.5

e 06:00:20.5

eP 15:26:14
 eS 43
 Distance 270 Km

30 eP 06:50:21.4
 eS 40
 Compression
 Distance 166 Km

eP 07:13:(00)
 eS 19.5
 On time mark

eP 15:45:47.2
 eS 46:03
 Distance 135 Km

eP 19:58:19
 eS 45.5
 Distance 255 Km

eP 20:16:18.4
 e 29.5

eS 21:16:35.5

eP 21:31:21

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PROVISIONAL READINGS AT PELDEHUE.

 $33^{\circ} 08' 37'' S$ $70^{\circ} 41' 07'' W$ h = 690 mts.

Dec. 19 eP 03:40:44
 1964 eS 57
 Distance 110 Km
 Small

iP 06:10:49
 iS 11:02
 Dilatation
 From NW
 Distance 110 Km

Dec. 19 iP 08:13:22.3
 1964 eS 36.5
 Dilatation from NW
 Distance 125 Km

eP 10:02:22.5
 eS 03:45.5
 Distance 820 Km

iP 11:49:15
 eS 51:12
 Compression
 Distance 10.5°

Dec. 19 eP 12:54:42
 1964 e(S) 56:09

eP 20:25:28.2
 e(S) 26:51.5

eP 21:35:27.5
 eS 44
 Compression
 Distance 145 Km

20 iP 02:53:13
 iS 29.5
 Dilatation
 from NW
 Distance 145 Km

Dec. 20 eP 03:19:51.2
 1964 eS 20:18.5
 Distance 150 Km
 Small local

eP 03:20:11.5
 eS 28.8
 Distance 150 Km
 Small local

eP 04:20:53.5
 e(S) 21:09.5
 Small

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PROVISORIAL READINGS AT PELDEHUE

1964	eP 09:26:59.5 eS 09:12	Dec 21 1964	eP 22:00:10.7 eS 01:16.5	Dec 25 1964	eP 09:51:35 ePP 02:19.5 eS 55:22	Dec 28 1964	eP 01:07:14 eS 08:01
	Distance 335 Km Small		Distance 640 Km		Distance about 15°		Distance 450 Km
	iP 01:01:03.2 eS 42.5		iP 22:20:05 eS 38		eP 09:53:37 eS 56:32		eP 23:59:53.5 eS 40:05
	Distance 370 Km		Dilatation from NE Distance 310 Km		Teleseism		Distance 95 Km local
	iP 08:45:07 eS 26	22 1964	iP 00:27:45.5 eS 28.08		eP 17:58:32 ePP 39.5	29 1964	eP 02:17:31 ePP 49.5 eS 19:05.5
	Dilatation from SW Distance 170 Km		Distance 205 Km		e(S) 18:00:20		Distance about 9°
	eP 09:00:49.5 eS 01:09		iP 01:43:53 eS 44:08.5		eP 21:17:37 eS 56.2		eP 05:59:58.5 eS 06:00:24.6
	Distance 275 Km		Compression from WNW Distance 135 Km		Distance 170 Km Small		Distance 240 Km
	eP 11:06:09 eS 26.7		eP 08:10:06.5		eP 21:20:13.5 eS 32.5		eP 15:26:09.5 eS 37.3
	Distance 155 Km		Teleseism		Distance 170 Km Small		Distance 260 Km
	eP 12:57:04.4 eS 21.4		eP 13:52:57 eS 53:15.3	26 1964	eP 00:45:47 eS 46:04		eP 22:23:02 eS 17.7
	Distance 150 Km		Distance 160 Km Small		Distance 150 Km Small		Distance 135 Km Small
	eP 13:44:51.5 eS 45:10.3		eP 14:53:57.3 eS 54.12		eP 01:10:01 eS 45	30 1964	eP 02:20:43.5 eS 21:06.7
	Distance 170 Km Small		Distance 123 Km Small		Distance 420 Km Small		Distance 210 Km Small
	eP 15:47:56.5 ePP 48:07.3		e 21:06:40		eP 10:32:06.8 eS 30.5		eP 06:50:18 eS 35.6
	eS 50:25.5		eP 22:16:05.5 e(S) 17:23.5		Dilatation from SW Distance 117 Km		Compression ? Distance 155 Km
	Distance about 14°	23 1964	eP 05:29:40.5 e(S) 31:20.5		eP 12:19:55.5 eS 20:10.2		eP 07:13:01.5 eS 23.5
	eP 22:46:47.4 eL 50:00		Distance 110 Km		Distance 125 Km		Distance 200 Km
21 1964	eP 01:05:13.5 e(S) 03:12.5		eP 05:53:48.2	27 1964	No records from 27:00:56 to 27:15:32		eP 15:45:45 eS 59
	eSS 42		eP 05:54:08.5				Distance 127 Km
	eR 30		eP 06:32:42.2 eS 34.24		eP 16:05:16.5 eS 30.5		eP 19:58:16.5 eS 42
	Distance about 10°		Distance 12°		Distance 120 Km		Distance 235 Km
	iP 02:53:02 eS 14.6		eP 15:46:04 eS 22.8		eP 16:42:33.6 eS 47.5		eP 20:16:21.5 eS 39
	Distance 105 Km		Distance 170 Km Small		Distance 120 Km		Distance 155 Km
	Dilatation		iP 16:08:40.7 eS 09:02	28 1964	eP 04:14:54.5 eS 15:09.8		e(P) 21:14:18 eS 16:30
	eP 06:59:25.5 eS 39:02:12.4		Distance 195 Km		Distance 130 Km		eP 21:31:16.5 eS 57
	Distance 450 Km				Distance 240 Km		Distance 380 Km
	eP 10:13:40 eS 14:14.5	24 1964	eP 03:37:25.5 eS 38		eP 10:27:37.5 eS 28:03.6		eP 01:41:34 eS 5
	Distance 325 Km		Distance 105 Km		Distance 240 Km		Distance 150 Km Small
	eP 12:34:07 eS 57.5		eP 19:04:37		eP 16:28:20 ePP 31.36		eP 02:31:54.5 e(S) 32:52.5
	Distance 380 Km		eP 20:19:56.8 eS 20:48.7		eS 37:58		eP 03:24:13 eS 37.7
	e 16:22:47 eS 58.2		Distance 500 Km		eSS 42:14		Distance 225 Km Small
	Distance 50 Km Small				e(SSS) 45:16		
	eP 17:46:19.3 eS 47.19	25 1964	eP 03:38:59.5 eS 39:17.4		eR 51:--		eP 11:56:56.7 eS 57:08
	Distance 580 Km		Distance 160 Km		Distance 75°		Distance 90 Km
	iP 20:18:03.5						

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PROVISIONAL READINGS AT SOMBRERO

Dec.14 eP 02:06:27
 1964 eS 12:24
 eG 15:24
 eR 18:00
 Distance 38°

Dec.19 eL 13:03:--
 1964 22 eL 05:44:--

Dec.28 eP 16:27:40.8
 1964 ePP 30:48
 eS 37:08
 eG 46:28
 Distance 75°

Dec.30 eP 06:03:55.7
 1964 eS 04:29.5
 Distance 220 Km

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h = 46 mts.

Dec.22 eP 22:15:09
 1964 eS 21
 Distance 95 Km
 23 eP 05:28:48

Dec.28 eP 09:33:09
 eP 13:27:54
 eS 28:09.5
 Distance 120 Km

Dec.30 eP 18:52:37.8
 1964 e 54
 Distance 132 Km
 eP 23:21:54
 eS 22:11
 Distance 138 Km

Dec.31 eP 02:31:05.8
 1964 iS 11
 Distance 45 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h = 80 mts.

Dec.17 e(P) 08:46:03
 1964 eS 27
 eP 10:13:43
 i 48.3
 e(S) 37.5
 eP 14:10:20.1
 eS 38.0
 Distance 160 Km
 eP 14:59:00.5
 i(S) 27.5
 34.7
 Compression from NE
 18 eSP 00:14
 eSS 21.3
 eG 34.7
 eR 40:14
 From NW
 eP 02:46:28.0
 eS 55.1
 Distance 250 Km
 iP 11:28:49.0
 i 29:03.5
 Compression from SE
 Distance 120 Km
 eP 15:11:47.0
 eS 12:04.9
 Distance 160 Km
 e(P) 16:45:52.4
 i 53.4
 eS 46:15.9
 iP 21:38:03.0
 eS 39.8
 Dilatation
 Distance 330 Km

Dec.18 eP 22:51:05.3
 1964 eS 52:22.2
 Compression
 Distance 150 Km
 19 eP 04:29:55.7
 e(S) 30:35.4
 eP 06:36:01.7
 iS 21.6
 i 30.6
 Distance 180 Km
 eP 11:19:53.9
 e(S) 21:16.0
 eP 12:56:54
 e(S) 13:00:15.0
 eP 13:20:35.5
 eS 22:02.4
 Dilatation
 Distance 240 Km
 eP 19:48:48.6
 eS 49:27.4
 Dilatation
 Distance 350 Km
 eP 20:25:53.7
 e(S) 27:03
 eP 21:34:23.9
 e(S) 44
 20 eP 01:14:57.7
 eS 15:19.3
 Compression
 Distance 220 Km
 eP 02:55:06.5
 local

Dec.20 eP 08:47:26.0
 1964 local
 iP 15:45:58.0
 i 59.7
 iS 46:23.4
 Felt II at Calama
 Dilatation from NE
 PZ = 0.15 u, 0.9 sec
 Distance 230 Km
 e(P) 16:36:06.7
 eS 27.9
 eP 20:18:13.9
 eS 51.4
 Distance 340 Km
 iP 22:44:40.8
 e 47.2
 i(S) 54.2
 i 45:33.6
 i 49.8
 Two Shocks?
 21 iP 01:04:36.2
 iS 50.1
 Felt III at Ant.
 Compression from E
 Distance 120 Km
 iP 04:21:26.1
 iS 40.0
 Compression from NE
 Distance 120 Km
 eP 06:04:25.9
 iS 35.2
 Dilatation
 Distance 40 Km
 eP 06:10:06.2
 eS 46.2
 Distance 360 Km

Dec.21 eP 09:57:46.3
 1964 e(S) 57.6
 Dilatation
 eP 19:46:54
 local
 eP 22:21:22
 e(S) 22:55
 eP 23:49:49.7
 iS 56.2
 Distance 50 Km
 22 eP 00:27:48.3
 eS 30:14.2
 Dilatation
 PZ = 0.32 u, 0.9 sec.
 Distance 230 Km
 iP 08:08:52.0
 eS 14:58
 eG 18:13
 e 21.4
 Compression from N
 PZ = 0.88 u, 0.7 sec.
 Distance 40°
 eP 14:56:35.5
 i 35.9
 eS 57:18.2
 Compression ?
 Distance 410 Km
 i(P) 21:06:04.0
 eS 15:07
 eG 21.3
 e(R) 28
 Dilatation
 Distance about 70°

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PROVISIONAL READINGS AT ANTOFAGASTA.

Dec.22 iP 21:51:33.7 1964 iS 37.7 Compression Distance 30 Km	Dec.24 eP 21:31:12.5 1964 iS 21.9 Distance 80 Km	Dec.26 eP 16:37:30.5 1964 eS 38:09.9 Distance 360 Km	Dec.28 iP 17:54:49.6 1964 iS 56.1 Distance 50 Km
23 eP 05:55:11.1 eS 06:02:02 eSS 05:28 Distance about 48° iP 06:32:31.6 eS 34:02.0 Dilatation from SE PZ = 0.13 u; 0.6 sec. Distance 690 Km e(P) 07:55:26.4 Compression eP 09:07:04.3 eS 40.1 Dilatation Distance 320 Km iP 10:23:34.0 eS 24:13.9 Compression from E Distance 360 Km iP 11:12:56.7 eS 13:44 Dilatation from NNE Distance about 450 Km iP 15:05:52.3 eS 06:33.0 Compression from NE Distance 370 Km eP 16:10:12.5 e(S) 11:49 eP 17:01:44 e(S) 02:45 eP 18:20:49.0 eS 21:09.3 Distance 180 Km eP 18:50:40.0 eS 51:18 Compression ? Distance about 340 Km	25 iP 04:29:06.8 iS 16.8 Dilatation ? Distance 80 Km iP 07:00:14.4 iS 49.7 Compression Distance 320 Km iP 08:49:50.1 iS 50:42 Dilatation from NE PZ = 0.82u; 0.9 sec. Distance about 500 Km iP 09:51:36.7 iS 59 Compression from NE Distance 190 Km iP 17:57:15.7 iS 38.0 Compression from SE Distance 200 Km eP 20:41:45.3 e(S) 42:25.4 eP 22:25:32 eS 51.5 Distance 190 Km eP 23:43:39.6 e 40.7 eS 44:28.9 Distance 480 Km 26 eP 05:31:32.9 eS 32:38.1 Distance 640 Km eP 08:25:15 eS 32:23 e(G) 36.9 eR 39.1 From NW Distance 50° eP'' 14:49:32 pP'' 50:09 ePP 52:09 eSKP 49 e(SKSP)15:02.0 eSS 09.9 eG 25 eR 32.6 Distance 136°	27 eP 04:32:34.3 eS 56 Distance 190 Km iP 09:44:23.2 iS 33.7 Dilatation Distance 90 Km eP 12:07:05.7 eS 47.3 Distance 380 Km e(P) 17:09:02.5 eS 20.5 iP 19:44:34.1 eS 45:15.2 Dilatation from E Distance 380 Km 28 eP 02:57:19.9 eS 58:04 Distance about 410 Km eP 05:06:06.2 eS 47.8 Distance 380 Km eP 08:26:18 i 30.2 e(S) 43.2 Two shocks? eP 12:30:41.0 i 41.3 eS 31:26.0 Distance 420 Km eP 15:29:15.4 iS 33.2 Distance 140 Km eP 16:28:43 ePP 30:49 eSP 31:52 ePKP 32:49 iSKS 38:23 eSKKS 39:16 isSKS 42:02 esS 44:26 esSP 46:13 eSS 48:23 eSP 53:19 eSSS 56:17 Distance 112°	iP 19:22:16.4 iS 37.4 Dilatation Distance 170 Km 29 eP 00:54:46 eS 55:24 Distance 320 Km eP 02:17:47.4 eS 18:48.7 Distance 590 Km e(P) 13:38:23.7 eS 55 iP 19:19:12.4 iS 37.5 Dilatation Distance 210 Km iP 19:29:27.2 eS 30:12.2 Distance 430 Km 30 eP 07:12:37.4 iS 13:04.0 Distance 230 Km eP 10:57:50.4 iS 58:11.3 Distance 180 Km iP 13:15:40.0 iS 17:03.9 Dilatation from NE Distance 200 Km i(PKP) 15:46:55.2 iP 21:12:57.6 eS 13:34 Compression PZ = 1.1 u, 1.0 sec. Distance 230 Km 31 iP 07:41:40.8 iS 42:03.8 Distance 190 Km iP 17:13:38.7 iS 14:14.1 Compression Distance 310 Km iP 19:51:18 eS 54.2 Distance 320 Km

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

IMPRESO AEREO

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PROVISIONAL READINGS AT SOMBRERO

Jan.14 eP 08:41:04	Jan.16 eP 11:37:47.5
1965 ePPP 43:50	1965 epP 38:10.5
eS 48:18	ePP 40:04
e(ScS) 50:40	eS 44:15
eSSe 54:--	e(SP) 30
Distance 48	eSS 47:24
	eSSS 48:24
	eR 50:--
	Distance about 45°

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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h = 80 mts.

Jan.17 iP 15:04:17.0
1965 iS 53.9
Compression
Distance about 330 Km
iP 19:53:42.8
iS 54:23.9
Compression from NE
Distance 370 Km
eP 21:17:01.7
iP 05.8
PZ = 0.8 u, 1.3 sec.
18 eP 00:06:24
eS 09:05
eR 45
Distance about 150 Km
iP 06:15:47.5
eS 16:02
Compression from NE
Distance about 110 Km
iP 09:16:47.0
iS 57.3
Distance about 60 Km
iP 10:36:35.1
iS 37:09.6
Compression from ENE
Distance about 300 Km
iP 11:28:05.9
iS 29:19.9
Distance about 100 Km
eP 13:48:17.3
eS 55
Distance about 320 Km
iP 15:09:13.3
iS 27.7
Compression
Distance about 100 Km
iP 16:18:13.8
iS 37
Compression from ENE
Distance about 180 Km
PZ = 0.2 u, 0.7 sec.
19 eP 07:42:12.4
iS 17.3
Distance about 30 Km

Jan. 19 iP 08:41:15.1
1965 iS 52.1
Distance about 330 Km
PZ = 0.12 u, 0.7 sec.
eP 15:19:59.8
(S) 21:00.1
Compression
PZ = 1.2 u, 0.5 sec.
Distance about 560 Km
iP 17:23:19.9
iS 24:02.4
Compression from ENE
Distance about 390 Km
iP 18:29:48.3
iS 53.7
iS 58.1
Distance about 60 Km
20 iP 04:47:54.9
iS 48:00.1
Distance about 40 Km
eP 10:09:27.8
eS 54
Distance about 220 Km
eP 11:10:52.0
iS 11:30.1
Distance about 340 Km
21 iP 05:19:53.7
eS 20:31
Distance about 330 Km
eP 09:05:37.0
iS 06:01.8
Distance about 190 Km
iP 10:23:31.2
iS 24:08.6
Compression from NE
Distance about 330 Km
iP 12:37:10.0
e(S) 34:36
iP 15:40:30.6
iS 39.1
Compression
Distance about 50 Km
eP 17:39:11.9
eS 28.6
Distance about 120 Km

Jan.21 iP 19:33:13.3
1965 iS 19.5
Compression from ENE
Distance about 30 K
22 eP 15:22:37.0
iS 47.5
Distance about 70 Km
eP 15:30:10
local
eP 22:12:11
eS 40.4
Distance about 240 Km
23 eP 03:22:45
eS 23:00.6
Distance about 110 Km
eP 03:23:23.2
eS 24:01.5
Distance about 340 Km
iP 04:56:11.0
iS 52.2
Compression from ESE
Distance about 370 Km
iP 11:20:22.9
eS 21:11
Compression
Distance about 450 Km
eP 18:03:03.5
eS 21.4
Distance about 340 Km
iP 18:30:47.2
iS 55.4
Compression
Distance about 50 Km
eP 23:12:07.7
iS 48
Distance about 310 Km
24 iP 00:31:01.3
Compression
Impossible interpretation
Very strong motion
eP 01:07:24.0
eS 47
Distance about 180 Km

Jan.24 eP 03:34:01.2
eS 39
Distance about 340 Km
iP 04:13:42.3
eS 14:23.0
Dilatation
Distance about 360 Km
iP 05:05:18.4
iS 06:01.8
Compression from NE
Distance about 400 Km
eP 17:16:22.6
iS 34.9
Distance about 80 Km
eP 23:42:11.5
eS 22.4
Distance about 70 Km
25 eP 04:57:00.7
eS 21.6
Distance about 150 Km
iP 07:36:53.3
iS 37:29.3
Compression
Distance about 320 Km
iP 08:22:11.1
iS 24.8
Compression from ESE
Distance about 90 Km
iP 08:46:09.7
eS 50
Distance about 360 Km
iP 10:04:47.3
iP 55.0
S 05:26
Dilatation from NE
Distance about 350 Km
PZ = 0.18 u, 0.6 sec.
iP 12:13:48.2
iS 14:26.3
Distance about 340 Km

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PROVISIONAL READINGS AT PELDEHUE.

 $33^{\circ} 08' 37'' S$ $70^{\circ} 41' 07'' W$ $h = 690$ mts.

Jan. 18 eP 21:28:10 1965 eS 25.5 Distance 125 Km	Jan. 20 iP 19:48:51 1965 eS 49:02.5 Dilatation Distance 90 Km	Jan. 23 eP 06:35:46 1965 eS 36:03.2 Compression from N Distance 150 Km	Jan. 24 eP 03:48:47.2 1965 eS 49:43 Distance 540 Km
19 eP 02:11:16 iS 12:27.5 Distance 675 Km	eS 20:02:49	eP 11:14:32.5 eS 47.7 Distance 130 Km Small	eP 04:10:22.7 eS 39.9 Distance 150 Km Small
eP 02:58:34.5 eS 59:02.5 Distance 260 Km Small	eP 21:16:43 eS 17:06 Distance 210 Km	eP 12:43:55.8 eS 44:20.8 Distance 230 Km	eP 03:03:46.3 eS 04:46.6 eS 05:15.8 Distance 880 Km
eP 05:23:48 eS 24:02 Distance 120 Km Small	21 eP 03:41:06.6 eS 30 Distance 215 Km Small	eP 13:55:41.8 eS 59.4 Distance 155 Km Small	ePn 07:08:28.7 eP* 34.4 eSn 09:13.6 eS* 22.6 Distance 400 Km
eP 06:33:12.5 eS 41 Distance 265 Km Small	eP 05:25:45.6 eS 26:07.7 Distance 100 Km	eP 17:12:10 eS 41.5 Distance 295 Km	eP 14:59:12.4 iS 31.5 Distance 170 Km
eP 07:42:30 eS 48.4 Distance 165 Km	eP 06:22:37.5	iP 20:40:10.3 iS 22 Compression from SW Distance 97 Km	eP 16:24:26.4 eS 54.8 Distance 265 Km
eP 08:36:51.7 eS 37:09.3 Distance 155 Km Small	iP 09:37:04.5 iS 38:12.7 Compression from NE Distance 650 Km	eP 20:59:48.7 eS 21:00:05.4 e 15.8 Distance 145 Km	25 eP 00:20:41.9 iS 21:07.3 Distance 230 Km
eP 11:11:00 e 56.5	22 e(Pn) 01:03:05 eSn 04:26.4 eS 36.5	24 eP 00:30:40 ePP 31:06.8 e 58 eS 34:44 Other phases unreadable Distance 22.5° M about 6 1/4 (IGS)	eP 09:53:08 iS 27.9 Compression Distance 180 Km
eP 12:11:03 eS 18.6 Distance 115 Km Small	eP 04:47:23 eS 47.7 Distance 225 Km	eP 02:43:50.5 iS 44:13.4 Distance 210 Km	iP 10:00:53.8 iS 01:10.4 Dilatation Distance 145 Km
iP 15:20:02.7 e 21:06 eS 36.5 eR 22:05 Compression from NE Distance 90°	eP 06:33:50.3 eS 34:13 Distance 205 Km	eP 02:48:51.8 iS 49:05.6 Distance 120 Km Small	eP 10:06:47.5 e(S) 09:33
eP 16:45:38 eS 46:10.4 Distance 305 Km	eP 15:29:35.4 eS 30:19.2 Distance 418 Km	eP 03:09:13.3 iS 40.6 Compression from S Distance 255 Km	iP 11:19:33.2 iS 45.5 Dilatation Distance 105 Km
20 eP 01:21:20.3 eS 57.4 Distance 340 Km	e(P) 18:16:40 eS 17:38.5	eP 03:24:50 eS 25:06.5 Distance 145 Km	ePn 15:42:08.1 e(Pg) 29.7 eSn 43:15.7 iS* 34.2 Dilatation Distance 640 Km
eP 02:35:11.5 e(S) 57 Small	eP 19:06:16 eS 07:19.5 eR 42.4 Distance 605 Km	eP 03:44:07.7 iS 30.2 Dilatation from NW Distance 205 Km	eP 18:29:51 eS 30:01.9 Distance 90 Km Small
eP 07:25:18 e 59	eP 21:00:49 eS 01:34.2 Distance 432 Km		
eP 13:21:53.5 eS 22:21 Distance 255 Km Small	23 eP 02:01:20.8 eS 55 Distance 320 Km		

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 PROVISIONAL READINGS AT SANTIAGO
 (Santa Lucía)

 $33^{\circ} 26' 40'' S$ $70^{\circ} 38' 54'' W$ $h = 581$ mts.

Jan. 21 eP 12:36:54 1965 eS 37:38.6 Distance 420 Km	Jan. 23 eP 20:40:10.8 1965 eS 23.4 Distance 105 Km	Jan. 24 eP 00:30:10.2 1965 ePP 31:03 eS 34:49 eS 35:04 eR 37:05 Distance about 27°
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1.

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PROVISIONAL READINGS AT PELDEHUE.

 $33^{\circ} 08' 37'' S$ $70^{\circ} 41' 07'' W$ $h = 690$ mts.

Jan.11 eP 22:02:34.5 1965 eS 51 Compression from E Distance 145 Km	Jan.14 eP 08:31:17.5 1965 eS 36:10 eG 37:55 eR 39:51 Distance about 32.5 ^o Magnitude about 6 (I.G.S.)	Jan.15 eP 06:19:57 1965 eP 07:54:(44.5) eS 56:28	Jan.17 eP 21:26:30.5 1965 eS 41.5 Distance 90 Km Small
12 e 13:42:-- eP 15:43:13.5 e(S) 44:34 From 12-1-65 at 19:10 to 13-1-65 at 19:21 will be included in the other Bulletin	eP 08:54:(00) Small eP 12:19:30 eS 48.5 Distance 165 Km Small	iP 21:49:03.5 iS 20.7 Dilatation from SE Distance 150 Km eP 22:48:57.2 eS 49:26.4 Distance 270 Km	eP 22:00:21 eS 48.3 Distance 270 Km eP 23:01:15.6 eS 46.5 Distance 290 Km Small
13 eP 19:45:51.3 eS 46:10.7 Distance 175 Km Small eP 21:33:46.7 eS 34:09 Distance 200 Km Small e 21:49:--	eP 21:13:50 e(S) 53 eP 21:21:40.7 eS 54 Distance 110 Km Small eP 21:33:31 eS 42.2 Distance 90 Km Small	16 eL 00:20:-- eS 01:04:54.5 iP 11:39:44.5 epP 40:11 ePP 41:41 eS 45:22 e(sS) 46:09 eSSS 48:15 eR 50:10 Distance 35.5 ^o Magnitude about 5 3/4 (I.G.S.)	18 eP 00:39:(00) eS 14.5 eP 05:46:00.6 eS 25.4 Distance 230 Km eP 07:33:29.5 eS 47.6 Distance 160 Km eP 15:16:14.3 eS 40.5 Distance 240 Km Small
14 eP 00:41:20 eS 42:01.3 Distance 390 Km	eP 21:39:50.5 e 40:23 Distance 300 Km Small	iP 15:03:07.6 iS 25.5 Dilatation from SW? Distance 160 Km eP 15:53:28.2 eS 40.6 Distance 105 Km	eP 20:37:39.5 iS 53 Compression Distance 115 Km

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 Seismologist

 PROVISIONAL READINGS AT SANTIAGO.
 (Santa Lucía)

 $33^{\circ} 26' 40'' S$ $70^{\circ} 38' 54'' W$ $h = 581$ mts.

Jan.14 eP 21:49:27.4 1965	Jan.19 eP 15:20:06.5 1965 eS 55.8 Distance 570 Km
18 eP 00:04:22.4 eS 50.5 Distance 260 Km	

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PROVISIONAL READINGS AT SOMBRERO.

Jan.08 eL 21:33:-- 1965	Jan.13 eL 17:10:--
10 eP 13:50:04 ePP 54:06 eSP 14:02:56 eR 23:00 Distance about 97 ^o	

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PROVISIONAL READINGS AT CONCEPCION.

 $36^{\circ} 49' 41''$ S $73^{\circ} 02' 42''$ W h = 46 mts.

Jan.18 iP	00:03:29	Jan.19 iP	02:10:18
1965 iS	46	1965 iS	23
	Distance 140 Km		Distance 40 Km

FELT IV AT CONCEPCION

 Chavez
 Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

 $23^{\circ} 42' 18''$ S $70^{\circ} 24' 55''$ W h = 80 mts.

Jan.07 iP	19:51:40.8
1965 iS	52:12.5
	Distance about 280 Km

08 iP	00:44:09.6
e(S)	45.6

iP	00:46:21.6
eS	52.7
	Distance 320 Km

iP	11:29:44.5
iS	56.0
	Dilatation from SE
	Distance about 90 Km

e(P)	12:14:36.9
e(S)	15:24.9

12 eP	14:48:36.4
eS	49:12
	Distance about 320 Km

iP	16:26:50.5
e(S)	27:33.8

iP	17:49:47.4
iS	50:25.7
	Compression from NE
	Distance about 340 Km

eP	18:31:15.5
e(S)	46.7

eP	22:59:18.5
eS	23:00:04.2
	Distance about 430 Km

13 e(P)	00:54:13.2
iS	33.3

eP	04:02:03.2
e(S)	22.5

iP	05:23:22.2
iS	26.5
	Dilatation from NW
	Distance about 30 Km

Jan.13 iP	05:32:06.5
1965 iS	24.1
	Compression
	Distance about 340 Km

iP	08:23:54.5
iS	24:35.6
	Compression from ESE
	Distance about 360 Km

i(PKP)	09:00:47
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eiP	13:46:57.6
eS	47:46.1
	Distance about 480 Km

eP	17:42:27.9
eS	43:03
	Distance about 310 Km

14 eP	03:21:57.7
eS	22:20
	Distance about 180 Km

iP	03:47:12.6
eS	50.1
	Distance about 340 Km

eP	08:29:57.8
iS	33:49
iR	38:17
	PZ = 2.7 u, T = 1.3 sec.
	MH = 85 u, T 18 sec.

iP	14:38:29.5
iS	55.9
	Distance 220 Km

iP	19:13:31.9
(S)	44
	Compression from SE
	PZ = 70 mm.

iP	19:55:26.2
iS	32.3
	Compression from ENE
	Distance about 30 Km

Jan.14 eP	19:59:45
1965 eS	20:00:02
	Distance about 130 Km

eP	22:17:29.9
iS	49.9
	Distance about 160 Km

eP	22:39:40.1
eS	40:07.2
	Distance about 230 Km

eP	23:45:07
e(S)	33

15 iPKP	06:19:37.9
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iP	06:41:18.5
(S)	34
	Compression from SE

eP	07:54:08
(S)	55:04

eP	08:49:11.5
iS	30.9
	Distance about 160 Km

eP	12:18:15.1
iS	39.5
	Distance about 220 Km

iP	14:25:56.5
eS	26:36.1
	Compression
	Distance about 360 Km

eP	18:30:33.0
eS	31:06.1
	Distance about 280 Km

eP	18:42:19
eS	46
	Distance about 240 Km

iP	21:20:11.0
iS	41.1
	Distance about 330 Km

Jan.15 iP	22:54:35.7
1965 eS	55:11.4

	Dilatation
	Distance about 320 Km

iP	23:33:48.0
iS	34:28.0
	Compression from NE

16 iP	04:39:17.7
iS	40:30.9

	Dilatation
	Distance about 340 Km

iP	11:40:46
iPP	42:25
iS	47:59
iSS	51:11
eL	52:04
	Distance about 50°
	PZ = 0.8 u, T = 0.6 sec.

eP	20:22:42.2
iS	23:18.5
	Distance 340 Km

iP	22:13:46.2
iS	14:36
	Compression
	Distance about 465 Km

iP	07:40:48.0
iS	41:35.5
	Distance about 460 Km

eP	08:16:20.3
eS	57
	Distance about 330 Km

iP	11:55:31
iS	49.8
	Distance about 140 Km

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PROVISIONAL READINGS AT PELDEHUE

 $33^{\circ} 08' 37'' S$ $70^{\circ} 41' 07'' W$ h = 690 mts.

Feb.02 eP 17:10:40.9 1965 eS 11:55.7 Distance 728 Km	Feb.04 iP 06:46:26.0 1965 iS 42.1 Dilatation from NW Distance 141 Km	Feb.06 ePKP 01:59:12 1965 epPKP 02:00:21 eSKKS 10:04 eSPP 16:33 eSSP 24:14 eSSS 29:34 eG 40:30 eR 46:00 Distance 157 ^o Mag. about 6 1/2 (IGS)	Feb.07 eP 05:18:00.3 1965 iS 18.5 Distance 162 Km
eP 19:23:54.5 eS 24:05.3 Distance 88 Km	e(P) 08:59:42.5	ePKP 04:21:56.6 e 25:16	eP 05:20:49.9 eS 21:07.6 Distance 157 Km
03 eP 01:43:50 eS 45:02.9 Distance 688 Km	eP 12:02:19.5 eS 49.5 Small Distance 280 Km	iP 08:55:42.4 iS 53.3 Dilatation Distance 89 Km	iP 05:22:53.2 iS 23:06.9 Dilatation from NE Distance 117 Km
iP 02:52:21.8 iS 31.2 Dilatation Distance 75 Km	iP 12:13:17.8 iS 37.7 Dilatation from NW Distance 179 Km	eP 10:48:08 e 24.4 iS 43.5 Distance 335 Km	eP 05:29:28.4 iS 46.6 Distance 162 Km
eP 06:24:52.9 iS 25:23.5 Distance 286 Km	iP 14:45:29.2 iS 43.5 Dilatation from NE Distance 123 Km	eP 10:55:42.1 eS 57:16 Distance 925 Km	eP 06:44:21.9 iS 39.7 Distance 158 Km
iP 19:00:25.5 iS 38 Distance 105 Km	iP 14:56:37.9 iS 52 Dilatation Distance 121 Km	07 eP 01:14:46.8 eS 15:00 Small Distance 112 Km	iP 09:17:23.4 eS 38.1 Dilatation Distance 127 Km
eP 19:03:47 eS 04:14 Distance 250 Km	eP 20:08:06.5 e 19.4 iS 32.5 Distance 240 Km	eP 01:17:30.2 e 43.2 iS 18:02 Distance 298 Km	08 iP 10:39:37.4 iS 40:12.6 Compression Distance 330 Km
eP 20:55:36.6 iS 56:08.6 Distance 300 Km	eP 21:38:08.9 eS 32.2 Distance 212 Km	iP 02:43:00.6 iS 11.4 Dilatation from NE Distance 88 Km	iP 15:13:52.0 iS 14:09.2 Compression Distance 152 Km
04 eP 00:31:43 eS 32:56.6 Distance 715 Km	05 eP 06:24:54.3 eS 25:39.5 Distance 431 Km	eP 02:48:47.1 iS 49:02.7 Small Distance 136 Km	iP 15:17:22.8 iS 41.7 Distance 169 Km
eP 03:43:12.7 eS 41.6 Distance 269 Km	iP 08:44:41.0 iS 45:44.0 Compression Distance 610 Km		eP 16:49:07.4 iS 22.6 Dilatation Distance 132 Km
epPKP 05:20:33 ePKS 23:22.5 ePPP 25:21 Other phases unreadable Distance 134 ^o	eP 21:04:55.6 iS 05:07 Distance 94 Km		

 E. Lorca
 Seismologist

PROVISIONAL READINGS AT SANTIAGO (Santa Lucía).

 $33^{\circ} 26' 40'' S$ $70^{\circ} 38' 54'' W$ h = 581 mts.

The Press-Ewing and Short Period instruments
 have been moved to Easter Island. From 12:31.64
 on we have only mechanical magnification instruments.

Feb.04 ePKP 05:21:10 1965 e(PPP) 25:48 e 26:30 e(sSKS) 28:09 e 31:33	Feb.04 eP 06:46:32 1965 eS 48 Distance 140 Km
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PROVISIONAL READINGS AT SOMBRERO

Feb.04 ePKP 05:20:57.3 1965 e 23:28 e 26:36 Other phases unreadable
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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h = 46 mts.

Jan 20 eP 20:03:21
 1965 iS 23
 Distance 20 Km
 21 iP 05:30:06.5
 22 iP 21:00:06
 iS 17
 Distance 90 Km

Jan. 23 eS 03:39:53.5
 24 P 00:30:40
 S 34:00
 Distance 2.200 Km
 eP 03:48:06
 iS 18
 Distance 95 Km

Jan. 24 eP 07:02:52.5
 1965 iS 03:06.5
 Distance 120 Km
 25 eP 15:41:16
 iS 51
 Distance 300 Km

Jan. 29 iP 08:21:00
 1965 iS 22
 Distance 180 Km
 30 iP 04:11:01
 iS 40
 Distance 150 Km

A. Chavez
 Seismologist



INTERNATIONAL SEISMOLOGICAL SUMMARY
 KEW OBSERVATORY
 RICHMOND, SURREY, ENGLAND.

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IMPRESO AEREO



PROVISIONAL READINGS AT SOMBRERO.

Jan. 24 eP 00:30:30.5
1965 eP 32:02
ePPP 37:26
e(SKKS) 41:29
e 47:21
eSS 49:18
e(SSS) 54:08
eR 01:02:50
Distance 100°
Magnitude about 6 (IGS)
h = 200 Km

E. Lorca
Seismologist

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INTERNATIONAL SEISMIC
KEW OBSERVATORY
RICHMOND, SURREY, I

PROGRAMA SIMOLOGICO ZONA NORTE
Universidad de Chile
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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h = 80 mts.

Jan. 25 iP 15:05:29.1
1965 eS 06:18
Distance about 460 Km

eP 16:18:35
iS 56.4
Distance about 170 Km

iPKP 17:03:44.3

26 iP 00:05:10.3
(S) 21
Compression from NNE
PZ = 0.6 u, 0.6 sec.

iP 05:40:28.6
iS 33.6
Distance about 20 Km

Jan. 26 eP 08:00:56.3
1965 iS 01:39.1
Distance about 400 Km

eP 18:41:39.1
eS 42:05.2
Distance about 220 Km

iP 20:02:19.9
eS 26.0
Distance about 30 Km

iP 20:13:57.8
iS 14:39.4
Compression from NE
Distance about 380 Km

Jan. 27 ePKP 00:07:21
1965
iP 01:52:09.8
iS 21.2
Dilatation from NE
Distance about 70 Km

eP 08:08:07.7
iS 23.5
Distance about 115 Km

iP 17:15:49.1
e(S) 16:28.4
Dilatation from SW

iP 21:47:09.7
eS 40
Distance about 260 Km

Jan. 28 iP 07:33:03.1
1965 eS 37
Distance about 300 Km

iP 08:16:38.8
iS 17:18.2
Compression from ESE
Distance about 360 Km

iP 10:53:15.6
iS 22.8
Distance about 40 Km

iP 11:03:49.1
eS 04:11
Distance about 180 Km

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DIVISIONAL READINGS AT PELDEHUE.

08° 37' S 70° 41' 07" W h = 690 mts.

1965
Jan 26
1965

Distance 242 Km

eS 02:48:37.5

eP 08:18:58.5
iS 19:16.2
Distance 157 Km

eP 14:31:24.5
eS 48.5
Distance 222 Km

eP 15:19:21.3
iS 38.6
Distance 152 Km

27 ePn 04:26:37.4
i(Pg) 27:05.3
iSn 39.7
Distance 596 Km

eP 06:12:26.6
eS 53.4
Distance 248 Km

eP 08:01:22
eS 38.5
Distance 145 Km

ePn 11:03:24.7
e(Pg) 44.5
eSn 04:13
Distance 450 Km

eP 17:16:21.6
e(S) 17:45

28 eP 08:59:50.5
eS 09:00:30
Distance 378 Km

ePn 09:40:01.9
eP* 11
eSn 41:00.5
Distance 540 Km

eP 09:44:47.1
eS 46:14.5
Distance 860 Km

0:40:22.6

29 e(P) 00:22:09

eP 04:37:07
eS 39:33.5
Distance 13.5°

eP 07:48:38.4
iS 54.5
Small
Distance 140 Km

eP 08:21:43.5
i 53.2
iS 23:03
Distance 780 Km

eP 08:33:38
eS 35:07.7
Distance 885 Km

eP 12:45:40.6
iS 54.8
Compression from N?
Distance 122 Km

eP 15:07:08
eS 22.2
Distance 122 Km

eP 16:23:40.3
eS 24:07
Distance 247 Km
Small

eP 20:55:11
eS 41
Distance 280 Km

iPg 21:52:10.2
iSg 12.8
Compression from E
Distance 25 Km

eP 23:44:42.1
eS 54.2
Small
Distance 100 Km

30 eP 06:52:16.2
eS 56.5
Distance 385 Km

Jan.30 1965 eP 12:53:40
eS 52
Compression
Distance 100 Km

eP 14:12:04.5
eS 13:28.5
Distance 828 Km

eP 21:43:34.5
iS 49.3
Distance 128 Km

31 eP 00:53:32.3
iS 43.4
Distance 90 Km

eP 00:58:40.5
e 51.3

eP 01:02:07.4
i 10.3

eP 01:31:13.4
iS 23
Distance 76 Km

eP 01:45:13.1
iS 25.5
Distance 104 Km

eP 04:46:09.1
iS 19.3
Dilatation
Distance 82 Km

eP 13:00:10
e 02:18.5
e(S) 03:09

eP 15:00:12
eS 02:39.5
Distance 255 Km

iP 17:11:13
iS 32
Dilatation from NW
Distance 170 Km

iP 17:35:14.3
iS 30.8
Compression from SW?
Distance 145 Km

Jan.31 1965 eP 17:44:15.5
e 45:20.5
e(S) 50.5

eP 19:27:44.1
eS 57.6
Distance 115 Km

iP 21:16:45.2
iS 56.5
Compression from NW
Distance 92 Km

Feb.01 eP 01:55:51
eS 56:04.4
Small
Distance 114 Km

eP 02:45:30.5
e 46:36.4
iS 47:11.5
Distance 9°

iP 09:04:42.7
iS 56.6
Compression
Distance 118 Km

iP 12:53:05.7
iS 20
Dilatation
Distance 122 Km

iPg 20:56:57.4
iSg 59.7
Compression from E
Distance 20 Km

eP 23:27:16.4
iS 30.6
Distance 122 Km

02 eP 03:17:49.8
eS 18:48.6
Distance 568 Km

iP 08:28:40.6
iS 51.2
Distance 86 Km
Dilatation

eP 08:54:02.5
eS 26.5
Distance 220 Km

 E. Lorca
Seismologist

 PROVISIONAL READINGS AT SANTIAGO
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h = 581 mts.

Jan.25 1965 eP 11:19:38.2
iS 52.2
Distance 120 Km

Jan.31 1965 eP 17:11:31.5
eS 49.4
Distance 158 Km

 E. Lorca
Seismologist

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PROVISIONAL READINGS AT PELDEHUE

Feb.09	eP	02.18:57.2	11	iP	01 19 25.5	eP	11:38:39
	eS	19:40		iS	38	iS	53
				Compression from N W		Dist. 110 Kmt.	
	eP	04:24:19.2				iP	12 45 23
	eS	57				iS	47 04
				Dist. 110 Kmt.		Dilat. from S W	
	eP	12:37:25.3		eP	02:37:49	Dist. 9.3°	
	eS	43.3		eS	38:04		
				Small local			
	eP	19:23:53.3		Dist. about 120 Kmt.		iP	14 53 43
	iS	24:07				iS	57
10	eP	02:47:17.5		eP	07 31 15.5	Dist. 120 Kmt.	
	eS	35		eS	32 16.5	Compression	
	Small			Small		from N W	
				Dist. about 580 Kmt.			
	iP	06:59:46.3		iP	09 19 13.5	eP	17 47 13
	eS	07:00:06.8		iS	29	eS	27.5
				Dilat. from N. W		Dist. about 120 Kmt.	
	iP	08:10:53.8		Dist. 130 Kmt.		Small local	
	eS	11:03					
	Compression			iP	13 17 24	iP	20:06:05.5
				iS	32.5	iS	54
	eP	08:21:33.2		Dilat. from S		Dist.: 450 Kmt.	
	iS	49.9		Dist.: 75 Kmt.			
				Small local		iP	21 36 42
	eP	09:40:35.7				iS	37 53.5
	iS	41:17.9				Dist.: 680 Kmt.	
				eP	13 53 40	Dilatation from S. E	
	eP	14:37:39.5		eS	54 10.5		
	iS	58		Small			
				Dist. about 270 Km.		eP	22 55 56
	iP	15:38:14.7				eS	56 44
	Seismic?			e(P)	14 18 30	Dist.: 450 Kmt.	
				e(S)	20 14	Small	
	eP	17:03:56.5		e(SS)	20 30		
	iS	04:19.5		R	21 02	13	eP
				Dist aprox 9°			00 21 48
	iP	17:06:59		h : 33			22 02.5
	iS	07:16.5				Small	
	Compression from N?			iP	18 31 28.5	Dist.: 120 Kmt.	
				iS	43.5		
				dist. 125 Kmt.		eP	00 40 58
	iP	19 04 46.5	12	iP	05 18 40.5	eS	41 25
	iS	19 05 02		iS	58	Dist.: 220 Kmt.	
	Compression			Dilat. from W		Small	
	Small local			Dist: 150 Kmt.			
	D = 130 Kmt.					iP	05 04 57.5
						iS	05 16
	eP	22 30 36		iP	07 03 31.5	Dist.: 150 Kmt.	
	eS	31 18		e(S)	04 11	Small	
	Small			Dist. about 350			
	Distance About					eP	13 23 23.5
	380 Kmt.			iP	08 30 03	iPP	34.5
				iS	31 29.5	iS	24 25
				Small		iSS	40
						Dist.: 550 Kmt.	

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PROVISIONAL READINGS AT PELDEHUE

<p>13 iP 15 20 51.5 iS 56 Compression from N.E. Dist. 40 Kmt. Small local</p> <p>iP 19 20 03 iS 07.5 Dist.: 40 Kmt. Compression from NE.</p> <p>eP 19 54 41.5 eS 55 01 Dist.: 160 Kmt. Small</p> <p>eP 21 47 58.5 iS 48 26 Dist.: 250 Kmt. Small</p> <p>eP 22 18 13 e(S) 20 48 Small</p>	<p>eP 14 46 50.5 eS 48 35 Small</p> <p>eP 17 40 07.5 iS 28 Dist. about 170 Km. Small local</p> <p>iP 19 01 27.5 iS 02 04 Small Dist.: 330 Km.</p> <p>iP 19 14 34.5 iS 15 01.5 Small Dist. 250 Km.</p> <p>iP 22 29 02 eS 30 32 Small Dist.: 8°</p>	<p>16 iP 00 16 10.5 iS 30 Dist. 160 Kmt. Compression</p> <p>iP 06 49 53.5 iS 50 07.5 Dist. 120 Kmt. Dilat. from NE</p> <p>i(P) 12 14 01 i(S) 27</p> <p>iP 14 53 47 iS 54 00.5 Dist. 110 Kmt.</p> <p>iP 20 59 57 iS 21 00 12.5 Small local Dist.: 130 Kmt.</p> <p>iP 21 32 46.5 iS 33 01 Small local Dist.: 130 Kmt.</p>
<p>14 iP 02 20 42 iS 59.5 Small local Dist.: 150 Kmt.</p> <p>eP 03 13 55 iS 14 18.5 Dist.: 200 Kmt. Small</p> <p>iP 03 35 53 iS 36 05.5 Dist. 110 Kmt. Small local</p> <p>iP 04 39 50 eS 40 51.5 Dist.: 590 Kmt. Small</p> <p>eP 06 30 26 eS 31 24.5 Dist.: 650 Kmt.</p> <p>iP 14 19 11 29 Small local Dist.: 160 Kmt.</p>	<p>15 iP 00 29 56.5 30 06.5 Dist.: 90 Kmt. Compression from SSW</p> <p>iPKP 06 14 23 R 32 10</p> <p>iP 10 27 39 iS 55 Dilat. from N. Small local Dist.: 210 Kmt.</p> <p>iPKP 11 03 59.5</p> <p>iP 12 56 09 iPP 14 iS 57 50.5 R 58 38 Dist. 9° Dilat. from NE.</p> <p>iP 22 16 01 iS 15.5 Small local Dist.: 120 Kmt.</p> <p>iP 22 54 28 iS 41 Small local Dist.: 115 Kmt.</p>	<p>eP 22 28 32.5 iPP 40.5 iPPP 58.5 iS 30 12 iSS 22 R 39.5 iPeP 34 49 Dilat. from NNE Dist.: 9°</p> <p>iP 22 53 52 iPPP 54 07 iS 55 30 iSSS 47 R 56 03</p> <p>17 eP 00 06 45 iS 07 02.5 Small local Dist.: 155 Kmt.</p> <p>iP 00 53 37 iS 54 05 Small Dist.: 260 Kmt.</p> <p>iP 00 57 28.5</p> <p>iP 08 10 12.5 iS 32.5 Dilat. from NNE Dist. 160 Kmt.</p>

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PROVISIONAL READINGS AT PELDEHUE

iP 10 34 28.5		iP 08 22 01.5	20	iP 00 08 12.5
iS 58		iPP 08		iPP 19
Compression from		iS 23 43		iS 09 08
SSE		iSS 50		Dist.: 540 Kmt.
Dist.: 275 Kmt.		Dist.: 10°		
				iP 05 28 55
iP 11 27 13.5		iP 08 33 08.5		iS 29 13
iS 37		eS 50		Compression
Dilat. from NNE		Dist.: 400 Kmt.		from S
Dist.: 215 Kmt.				Dist.: 160 Kmt.
iP 11 54 11		iP 10 07 37		i(P) 08 02 21
iS 39.5		iS 56.5		
Dilat. from SSE		Small		iP 12 13 45.5
Dist.: 265 Kmt.		Dist.: 175 Kmt.		iS 14 22
				Small
eP 12 43 32		iP 13 39 14		Dist.: 340 Kmt.
iS 44 01.5		iS 29		
Small		Dilat. from SSE		iP 15 28 11.5
Dist.: 275 Kmt.		Dist.: 130 Kmt.		iS 31
				Dilat. from NNE
iP 16 49 12.5		eP 22 11 01.5		Dist.: 175 Kmt.
iS 56		e(S) 12 28.5		
Small		Small		iP 16 31 20
Dist.: 420 Kmt.	19			iS 39
		iP 00 58 32		Small local
iPKP 18 43 05.5		iS 58		Dist.: 170 Kmt.
		Small		
eP 19 42 23		Dist.: 240 Kmt.		iP 17 08 02
iS 40				iS 18.5
Small local		iP 02 49 21.5		Small local
Dist.: 150 Kmt.		iPIP 36		Dist.: 130 Kmt.
		i(S) 50 40		
18 iP 03 55 33.5		iSS 49		iP 19 59 16
iPP 40		R 51 01		iS 33.5
iS 56 59.5		Dilat. from S		Small local
iSS 57 05		Dist.: 7.3°		Dist.: 155 Kmt.
R 22				
Dilat. from SE		iP 12 21 42.5		iP 20 06 36
Dist.: 7.5°		iS 22 21.5		iS 54
		iSS 25		Small local
eP 05 07 19		Small		Dist.: 160 Kmt.
e(S) 08 44		Dist.: 380 Kmt.		
Dist.: 7.5°				iP 23 38 39
		i(P) 21 47 37		Small local
iPKP 05 29 53		Other phases		
		unreadable		21 eP 02 19 06
				iS 38.5
iP 08 11 43.5		eP 22 22 32		Small
iPP 52		eS 23 28.5		Dist.: 305 Kmt.
iS 13 29.5		Small		
iSS 35		Dist.: 550 Kmt.		eP 02 50 44
R 52				e(S) 51 46
Dist.: 10°		eP 22 31 27		Small
Dilatation		iS 51		Dist.: 600 Kmt.
		Small		
		Dist.: 220 Kmt.		

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PROVISIONAL READINGS AT PELDEHUE

21	iP 10 43 04.5 iS 22.5 Small Dist.: 160 Kmt.	iP 15 32 09 iS 23.5 Dilat.from NE Dist.: 120 Kmt.	eP 02 37 50 iS 38 05.5 Small Dist.: 135 Kmt.
	iP 11 47 55 eS 48 31 Small Dist.: 340 Kmt.	iP 15 34 01.5 iS 15.5 Dilat.from NE Dist.: 115 Kmt.	eP 06 22 02 iS 20 Small Dist.: 160 Kmt.
	iP 12 41 36.6 iS 51 Dilat.from NE Dist.: 120 Kmt.	iP 16 59 47.5 iS 17 00 11 Small Dist.: 215 Kmt.	eP 08 05 22.5 e(S) 06 48 R 07 07
	iP 13 32 35 iS 49.5 Small Dilat.from NE Dist.: 120 Kmt.	iP 17 06 39 iS 07 14 Small Dist.: 330 Kmt.	eP 17 04 08.5 iS 30.5 Dist.: 300 Kmt.
	iP 14 05 38.2 iS 52.5 Dilat.from NE Dist.: 120 Kmt.	iP 17 09 17.5 iS 32.5 Small local Dist.: 115 Kmt.	iP 20 02 28 eS 53.5 Small local Dist.: 245 Kmt.
	iP 14 11 42.5 eS 14(37)	iP 23 56 29 iS 36.2 Compression Dist.: 30 Kmt.	E. Gajardo W. Seismologist.
	iP 15 29 07 iS 22 Small local Dist.: 125 Kmt.	22 eP 00 20 20.5 e(S) 47 Dist.about 250 Km.	

PROVISIONAL READINGS AT SOMBRERO

Feb.12	eP 16 16 46 eS 17 07.5 Dist.about 190 Km.	16	eP 06 59 03 iPP 07.5 iS 32 Dist.: 270 Kmt.-
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E.Gajardo W.
 Seismologist.

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PROVISIONAL READINGS AT CONCEPCION

Feb.01	eP	02 44 52	03	eP	06 43 19	05	eP	08 43 53.5
				eS	21			
03	eP	06 03 13		Dist.:	20 Kms.	12	eP	12 44 28
	iS	15.5					eS	57
			04	P	05 23 (00)		Dist.:	250 Kms.

 A. Chávez.
 Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA

Jan.28	eP	14 07 29.3	30	e(P)	23 50 21.4	02	iP	02 23 15.8
	eS	07 47.5		eS	50 57,9		e(S)	23 55.5
	Dist.:	150 Kms.					Compression	
	eP	16 22 52.1	31	eP	00 25 35.1		eP	07 07 26
	eS	28 50		eS	26 04.2		iS	07 43,5
	eG	31 37		i	26 04.7		Dist.:	about 160Kms.
	e(R)	33 03		Dist.:	270 Kms.			
	Compression			e(P)	05 31 19.3		ePKP	16 16 33
	from WNW			i	31 20.0		eSS	38.9
	Dist.:	39°		eS	31 55.3		eSSS	45.0
							eG	27.8
29	eP	02 32 25.9		iP	09 54 12.2		Dist.:	about 150°
	i(S)	32 59.4		iS	54 17.9			
	iP	04 35 16.4		Compression from			iP	23 35 31
	iS	35 27.0		NW			iS	36 07
	Dilat.:	from NNE		Dist.:	40 Kms.		S-P =	36,2
	Dist.:	90 Kms.					Compression from	E
	eP	07 59 03.0		iP	12 58 23,6		Dist.:	330 Kms.
	eS	59 40.0		iS	58 55			
	Dist.:	330 Kms.		Compression from		03	eP	06 26 00
				NE			local	
				Dist.:	about 280 Kms.			
30	e(P)	08 32 28.7		eP	14 58 15.6		eP	23 13 21.8
	eS	32 54,2		i	58 18.7		eS	14 02.5
	eP	08 35 28.9		iS	58 42.0		Dilat.:	from E
	eS	36 08,2		Compression			Dist.:	370 Kms.
	Dist.:	360 Kms.		D2-0,08 u 1,0 segs.			iP	23 48 15.1
				Dist.:	240 Kms.		iS	48 21.4
	iP	15 54 17.6					Compression from	ENE
	iS	54 25.1		iP	17 05 30.0		Dist.:	50 Kms.
	Compression			eS	06 07,4			
	Dist.:	60Kms		Dilatation				
				Dist.:	340 Kms.	04	e(P)	00 10 35.9
	eP	18 50 34.4	Feb.01	e(P)	14 34 26.0		Compression	
	eS	51 08,5		eS	34 44.5			
	Compression							
	Dist.:	300 Kms.		e(P)	19 48 57.5			

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PROVISIONAL READINGS AT ANTOFAGASTA

<p>04 e(PKP) 08 59 31 i 59 34.6 iP 13 51 30.6 iS 52 09.5 Compression from E. Dist.: 350 Kms. eP 19 32 41 i 33 04.0 e(S) 33 15.1 eP 19 52 17 eS 58 51 e(G) 20 01 58 Compression from N. Dist.: 45° eP 21 21 15.1 iS 22 04.2 Compression Dist.: 470 Kms.</p>	<p>iP 04 38 39.5 eS 39 17.7 i 39 19.4 Compression from NE Dist.: 350 Kms. iP 07 04 01.4 e(S) 04 24.7 Compression eSS 10 07.1 eSSS 10.7 eG 16.6 eR 22.1 Compression from NNW eP 10 53 54.5 eS 54 11.3 Dilatation Dist.: 150 Kms. iP 12 56 24.0 eS 56 39.1 Compression from N Dist.: 130 Kms. e(P) 16 50 07.7 eS 50 45.0</p>	<p>09 eP 01 25 29.7 eS 26 02.8 Dist.: 360 Kms. eP 06 54 45.3 e(S) 55 43.5 i 55 59.8 eP 09 20 47.3 e(S) 22 07.9 e(P) 10 47 11.7 eS 47 28.0 iP 11 54 43.2 e(S) 55 51.7 i 55 53.2 Compression from N. e(P) 15 17 39.0 eS 17 54.7 eP 17 23 00.5 eS 23 36.4 Dist.: 320 Kms. eP 21 55 36.4 eS 55 42.7 Compression Dist.: 50 Kms.</p>
<p>05 eP 00 52 07 e(S) 52 35.0 eP 11 33 13.1 iS 33 28.8 Dist.: 130 Kms.</p>	<p>iP 17 49 18.1 eS 50 04.1 Dilatation Dist.: 440 Kms. eP 18 22 15.8 e(S) 22 42.5</p>	<p>10 iP 02 16 19.3 iS 16 34.3 Compression from E. Dist.: 130 Kms. e(P) 05 05 32.8 e(S) 05 41.3 eP 17 11 41.4 eS 12 04.4 Dist.: 210 Kms. eP 19 50 41.4 eS 50 56.5 Dist.: 130 Kms. e(P) 23 54 39.8 Local iP 23 56 53.8 e(S) 57 17 Dilat. from SE.</p>
<p>06 eP 01 46 23.8 eS 47 11.2 Dist.: 450 Kms. ePP 17 09 27 eSP 18 55 eSS 25 01 eSSS 28 51 eG 35 48 eR 41 27 Dist.: 113° eP 19 42 44.3 eS 43 46.6 Compression D2-0,07 u 0,9 seg. Dist.: 610 Kms.</p>	<p>08 eP 01 00 30.2 e(S) 00 59 eP 07 18 41.2 e(S) 19 17.0 eP 13 27 30.1 eS 27 45.7 Compression Dist.: 130 Kms.</p>	
<p>07 e(P) 03 20 14.7 i 20 17.1 e(S) 20 39.0 Compression from NE.</p>		

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PROVISIONAL READINGS AT ANTOFAGASTA

- | | | |
|---|--|---|
| <p>11 eP 02 40 35.8
 eS 41 10.7
 Dist.: 320 Kms.</p> <p>e(P) 03 14 43.8
 Local</p> <p>eP 04 13 14.7
 eS 13 53.0
 Dist.: 350 Kms.</p> <p>eP 05 04 21.1
 eS 04 50.0
 Dist.: 260 Kms.</p> <p>iP 11 51 18.0
 iS 51 37.1
 Compression
 Dist.: 160 Kms.</p> <p>iP 14 16 50.9
 i(S) 17 16.6
 Compression from
 E.S.E.</p> <p>iP 14 46 32.4
 eS 47 11.0
 Compression from E.
 Dist.: 350 Kms.</p> <p>eP 16 15 24.2
 i 15 42.4
 i 15 59.1
 e(S) 19.5
 P2 0,30 u 1.0 segs.</p> <p>eP 22 26 35.0
 eS 27 00.4
 i 27 02.3
 Dist.: 230 Kms.</p> <p>12 eP 00 12 36.4
 iS 12 58.6
 Dist.: 200 Kms.</p> <p>e(PP) 01 15 49
 eSKKS 22(52)
 eSP 26 04
 eSPP 27 41
 eSS 32.8
 eG 47.7
 eR 53.3
 Dist. about 130°</p> | <p>eP 03 31 33.0
 eS 32 10.3
 Dilatation
 Dist.: 340 Kms.</p> <p>eP 06 18 10.0
 eS 18 22.3
 Dist.: 100 Kms.</p> <p>e(P) 07 04 32.0
 iL 05 54.3</p> <p>eP 23 02 13.7
 iS 02 48.7
 Dist.: 320 Kms.</p> <p>eP 23 12 00.7
 i 12 01.1
 eS 12 41.2
 Dilat. from E.
 Dist.: 370 Kms.</p> <p>13 iP 00 02 25.1
 iS 02 44.8
 Compression
 Dist.: 170 Kms.</p> <p>eP 02 30 29.8
 eS 30 50.7
 Dist.: 180 Kms.</p> <p>eP 16 35 21.5
 eS 35 44.0
 Compression
 Dist.: 200 Kms.</p> <p>eP 18 31 12.0
 eS 31 29.6
 Dist.: 150 Kms.</p> <p>e(P) 18 49 41.5
 eS 50 08.0
 i 50 08.7</p> <p>iP 19 23 54.8
 iS 24 00.4
 Dilat. from NNW
 Dist.: 40 Kms.</p> <p>eP 21 01 19.9
 eS 01 56.8
 Dist.: 330 Kms.</p> | <p>iP 22 31 07.9
 i(S) 31 25.0
 Compression from E.</p> <p>14 eP 03 09 36.4
 e(S) 10 03</p> <p>iP 06 45 06.2
 iS 45 12.8
 Compression from
 NNW
 Dist.: 50 Kms.</p> <p>eP 09 59 43.4
 e(S) 10 00 25</p> <p>eP 11 50 58.7
 eS 51 48.9
 Dist.: 480 Kms.</p> <p>eP 12 14 15
 eS 14 38.7
 Dist. about 220Kms.</p> <p>eP 14 45 56.1
 i 45 57.0
 eS 46 33.6
 Dist.: 340 Kms.</p> <p>eP 18 30 22.9
 i 30 23.3
 i(S) 30 42.7</p> <p>eP 18 51 40
 e(S) 55 48</p> <p>eP 23 16 07.5
 e(S) 20 19
 D2 0,37 u 1,4 segs.</p> <p>15 e(P) 03 18 14
 i 18 16.5
 eS 18 38.3</p> <p>eP 06 31 14.7
 eS 35 26
 Compression
 P2 0,16 u 1,4 segs.
 Dist.: 24°.-</p> <p>eP 09 51 55
 iS 59 31
 eSS 03.1
 eG 05.6
 eR 08
 Compression
 Dist.: 55°</p> |
|---|--|---|

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PROVISIONAL READINGS AT ANTOFAGASTA

e(P) 11 03 20	iP 03 54 34.6	e(P) 09 21 33.2
eP 21 20 32.2	e(S) 55 53.5	eS 21 56.3
eS 21 17.1	i 56 20	
Dilat. from N.E.	Dilatation	eP 09 37 17.2
Dist.: 420 Kms.		i(S) 38 16.9
16 e(P) 12 47 09.5	eP 04 02 14.5	e(P) 12 09 24.0
i 47 10.1	eS 02 51.6	eS 09 44.3
eS 47 45.5	Compression	
Dilat. from SE.	Dist.: 330 Kms.	eP 12 14 52.2
	e(PKP)05 91 50.5	eS 15 07.8
iP 20 32 22.6	e(P) 06 59 15.5	Dist.: 130 Kms.
eS 32 58.6	e(S) 59 38.6	
Compression from E.		
Dist.: 320 Kms.	eP 07 04 01.9	
eR 22 36 33	eS 04 38.4	
	Compression	
17 eP 14 05 22.5	Dist.: 330 Kms	
eS 06 02.4	eR 08 19 27	
Dist.: 360 Kms.	Compression from S	
eP 14 46 50.1	e(P) 15 44 56.7	
eS 47 05.8	eS 45 19.6	
Small local		
Dist.: 130 Kms.	e(S) 18 42 5.0	
iP 17 41 25.3	iP 20 32 35.4	
eS 41 31.7	eS 32 49.2	
Dilat. from N	Dilat. from E.	
Dist.: 50 Kms.	Dist.: 120 Kms.	
iPKP 18 43 08.7	eP 22 35 13.8	
Compression	e(S) 37 36	
e(P) 19 22 47.9	P2 0,06 u 0,9 segs.	
eS 23 12.5	Dilatation	
iP 23 24 48.7	e(PKP) 22 59 21	
iS 25 05.4	19 e(P) 06 10 34.5	
Compression from N	eS 11 08.8	
Dist.: 140 Kms.	i 11 10.5	
18 eP 02 07 35	e(P) 06 20 43,9	
eS 08 00.1	e(S) 19 26.7	
Dist. about 220 Kms.		

J. Frez
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h = 690 mts.

Feb.23 1965	eP 22:13:31.4 eS 14:56.5 Dilatation from NE FELT VII AT COPIAPO CHAÑARAL, POTRERILLOS V AT VALLENAR IV AT ANT, III AT LA SERENA Dist. 840 Km.	Feb.25 1965	eP 00:25:10.8 eS 24.2 Small Dist. 115 Km. ePKP 03:42:53.7 ePKP 05:10:26.5 ePP 12:11.5 eSKS 17:26 eSKKS 19:06 eSP 22:12 eSS 29:08 Dist. 122.5° er 07:20.41 eS 24:22 ePcP 25:15 eR 51 Dist. 19.4° eP 16:08:14.3 eS 40.3 Dist. 240Km. eP 16:50:(41.4) eS 59.5 Dist. about 160 Km. Small	Feb.26 1965	iP 15:52:22.6 iS 35.8 Compression Dist. 112 Km. FELT 111 AT SANTIAGO eP 16:11:43.4 eS 13:02 Dist. 770 Km. eP 16:28:43 eS 30:26 Dist. 9.5° eP 18:21:28.5 eS (42) Dist. about 110 Km. iP 20:06:53.0 eS 07:05 Small local Dist. 100 Km. eP 20:39:31.8 iS 40:16.5 Dist. 430 Km. eP 23:43:30.8 eP 00:06:33.3 eS 50.2 Small local Dist. 150 Km. eP 02:52:44 eS 53:02.4 Small local Dist. 165 Km. eP 02:57:03.5 eS (21) Small local Dist. about 155 Km. iP 04:31:48.6 iS 32:06.2 Dist. 155 Km. eP 05:54:36.5 eS 55:57 Dist. 790 Km.
24	iP 09:24:19.9 iS 28,4 Dilatation Dist. 65 Km. iP 11:07:10.6 e 18.5 iS 24.3 Dilatation Dist. 118 Km. eP 11:46:44.2 e 52.5 iS 57.8 Dist. 117 Km. iP 12:16:34.1 i 43.0 iS 44.7 Compression Distance 86 Km. eP 13:83:31.3 eS 39.7 Dist. 64 Km. eP 17:36:11.8 iS 26.0 Small Dist. 122 Km. eP 18:17:11.2 i 22.2 iS 23.8 Compression Dist. 105 Km. eP 19:59:57.7 iS 20:00:30 Dist. about 300 Km. eS 23:14:32.7	26	eP 01:23:14.5 eS 24:32.5 Dist. about 760 Km. eP 01:59:04.7 eS 02:00:19 Dist. about 720 Km. eP 11:45:22 eS 46:(54) Dist. about 910 Km. eP 12:55:16 eS 56:55 Dist. about 980 Km. iPg 14:41:42.7 iSg 46 Compression from W? Dist. 30 Km. eP 14:45:50 eS 47:(12) Dist. about 800 Km.	27	

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PROVISIONAL READINGS AT SOMBRERO.

Feb.23 eP 22:17:26.8
eS 21:(58)
Compression from N

E. Lorca
Seismologist.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Feb.16 eP 22:27:39
1965 iS 28:02
Dist. 190 Km.

Feb.17 eP 10:34:27.5
1965

Feb.19 eP 02:48:24
1965 iS 44
Dist. 160 Km.

eP 22:32:16

18 eP 08:10:47
iS 11:12.5
Dist. 215 Km.
er 00:21:00

17 iP 00:10:26.5

P. Chavez.
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h= 80 mts.

Feb.19 e(P) 18:56:14.3
1965 eS 24.4

Feb.20 iP 21:11:35.6
1965 iS 12:35.4
PZ = 0.37 u; 0,7 sec.
Compression
Dist. 580 Km.

Feb.22 eP 16:17:05.6
1965 iS 14.2
Dilatation
Dist. 70 Km.

iP 20:58:58.2
iS 59:04.7
Small local
Compression
Dist. 50 Km.

e(P) 22:52:29.3
e(S) 51

eP 18:13:15.8
eS 55.1
Dilatation
Dist. 360 Km.

iP 21:46:16.8
i(S) 39
Dilatation from SE

21 e(P) 05:07:20.5
eS 39.7

23 eP 00:44:32.6
eS 52.5
Dist. 170 Km.

20 e(G) 03:52:14
eR 53:42

eP 07:41:50.1
eS 42:27.8
i 29
Dist. 340 Km.

iP 02:36:01.9
iS 44.4
Compression from ESE
Dist. 390 Km.

e(G) 04:23:04
eR 24:32

eP 12:58:05
eS 40.8
Dist. about 320 Km

iS 09:14:01.4
eS 40.4
Compression from E
Dist. 350 Km.

eP 06:31:53.1
eS 32:28.4
(Compression)
Dist. 380 Km.

iP 14:09:48.3
iS 10:09
Compression from NE
Dist. about 180 Km.

iP 12:14:32.1
i 32.5
eS 15:13
Compression
Dist. about 380 Km.

No record from Feb.20 at 13:15 to Feb. 21 at 13:50 in the L.P. and N-S S.P. seismographs because of failure.

e(P) 15:12:21
local

eP 16:07:09.4
eS 45.0
Dist. 320 Km.

eP 15:13:28.6
iS 34.3
Small local
Compression
Dist. 50 Km.

iP 22:12:19.7
i 21.5
Compression from SSE
FELT 1V at ANT.

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PROVISIONAL READINGS AT ANTOFAGASTA.

No record from Feb.23
at 22:13 to Feb.24 at
12:20 in the SP-Z seis-
mographs (failure).

Feb.24 eP 23:14:21.9
1965 eS 43.4
(Compression)
Dist. 190 Km.

Feb.26 eP 06:57:27.1
1965 eS 58:03.4
Dist. 320 Km.

Feb.23 eP 23:38:02.4
1965 eS 27.2
Dist. 220 Km.

25 e(P") 05:10:35
ePP 12:42
iSKP 13:57
eSS 29:42
e(G) 43:10
e 44:19
eR 51:10
Dist. about 131°

ePKP 09:15:29
i 34.8
ePP 19:06
eS 38
eSSS 43.5
eR 10:05
(Dist. about 148°)

24 eP 00:25:32.4
eS 58.2
Dist. 220 Km.

e(G) 09:26.3

eP 11:44:14.2
i(S) 42.8
Compression

e(P) 06:24:21.3
e 42.2

eS 23:40
eSS 26:51
eR 29:46
Dist. about 45°

eP 15:22:47.9
eS 23:06.3
Dist. 150 Km.

eP 12:12:11.3
e(S) 47.3

eP 08:56:32.5
eS 58.2
Dist. 220 Km.

e(P) 20:15:03.2
eS 38.3

iP 14:28:07.6
iS 48.0
Compression from E
Dist. 370 Km.

e(P) 09:56:57.1
eS 57:34.7

eP 20:53:16.2
e(S) 56.9

26 eP 01:59:42
e(S) 02:00:20.3

eP 13:25:31.0
iS 26:05.3
Dist. 310 Km.

e(P) 05:02:10
eS 38.4
i 44.7

eP 17:52:05.9
eS 47.3
Dilatation
Dist. 380 Km.

eSKS 06:00:50
eSS 07.0
eG 14.3
eR 18:50
e 20:00

from WSW
Dist. about 90°

J. Frez.
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.



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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h = 690 mts.

Mar.02 eP 19:17:04.5 1965 Small local	Mar.04 eP 01:58:16 1965 eS 41 Small Dist. 230	Mar.04 eP 23:21:05.5 1965 eS 18.4 Compression Dist. 110 Km Small
eP 21:55:41.7 e(S) 57:41.5	e(P) 02:07:37.5 e 10:40	05 eP 01:17:18.5 eS 38 Dist. 175 Km.
eP 23:54:06 eS 27.4 Small Dist. 195 Km.	eP 05:25:32 e(S) 26:53.5	eP 10:24:20 eS 37.5 Dist. 155 Km.
03 e(R) 00:11:11	eP 06:29:08.3 e 22 eS 30:27.5 Dist. about 780 Km.	iP 14:34:24.3 iS 36:06 Compression from SSE Dist. 9°
eP 00:17:04 eS 13:29 Dist. 830 Km	eP 11:42:41.5 eS 43:14 Small Dist. 305 Km.	eP 18:11:32.6 eS 12:13.5 Dist. 390 Km.
iP 01:05:55.8 iS 06:19.7 Compression PZ=0.3 u; 0.4 sec. Dist. 220 Km.	eP 12:46:03.8 iS 23.2 Dist. 175 Km	eP 21:07:21.8 eS 35.2 Dist. 115 Km.
eP 03:28:55.5 eS 29:24.7 Dist. 270 Km	eP 13:34:35.5 eS 35:14 Dist. 365 Km.	eP 21:28:38.5 e(S) 30:52
eR 03:57:46	eP 13:55:44 eS 56:04 Small local Dist. 180 Km.	06 eP 18:48:(31) eS 50:21 Dist. about 10°
iP 07:29:49.8 iS 30:14.5 Dilatation PZ=0.2 u; 0.6 sec Dist. 228 Km	eP 14:58:07.6 eS 28.5 Small local Dist. 190 Km	eP 19:14:20.6 eS 15:05 Dist. 425 Km.
ePn 07:43:15.9 e(Pg) 51.3 eSn 44:29 eS* 49 Dist. 690 Km.	eP 15:02:26.5 eS 03:23.5 Dist. 550 Km.	e 20:44:47
eP 10:03:33 eS 04:06 Dist. 310 Km	eP 15:26:42 eS 27:(10) Dist. about 260 Km.	eP 20:46:25.2 eS 35.3 Small local Dist. 81 Km.
eR 15:19:(46)	eP 16:47:17 eS 47.5 Dist. 285 Km.	eP 22:47:19 eS 48:04.4 Dist. 435 Km.
ePKP 15:33:06.5	eP 21:08:04 eS 20 Dist. 140 Km.	07 eP 01:55:50.2 eSKS 02:06:20 eSS 12:12 eQ 19:12 eR 23:08 Dist. 85° Magnitude about 6
eP 21:16:35.7 eS 52.4 Dist. 148 Km. Small local		
04 iP 00:27:07.5 iS 17.5 Dilatation Dist. 80 Km.		

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PROVISIONAL READINGS AT PELDEHUE.

Mar.07 eP 02:53:30.7	Mar.08 eP 07:30:24.1	Mar.09 eP 14:08:01
1965 e(S) 54:13.5	1965 eS 53	1965 eS 33.8
	Dist. 270 Km.	Dist. 310 Km.
e(P) 07:05:26	eP 11:14:35	eP 16:30:24.5
eP 07:43:24.5	eS 55.7	eS 49
eS 44:26	Small local	Dist. 225 Km.
Dist. 595 Km.	Dist. 185 Km.	Small
eP 10:01:03.2	eP 12:17:57	eP 18:18:06.1
iS 27.0	e(S) 19:21	iS 16.6
Dist. 200 Km.		Dist. 85
iP 10:24:31.5	e(P) 12:26:04.5	eP 20:20:23.5
iS 41.5	eP 13:13:28.5	eS 37
Compression	eS 14:24.5	Dist. 115 Km.
Dist. 80 Km	Dist. 540 Km.	
eP 10:36:12.5	eP 14:53:22.5	10 eP 02:10:03
eS (44)	eS 54:29	eS 34.5
Dist. about 295 Km.	Dist. 645 Km.	Dist. 295 Km.
eP 11:55:34	eP 17:40:(00)	eP 03:52:30.4
eS 56:54	eS 25.7	iS 43.0
Dist. 785 Km.	Dist. about 230 Km.	Dist. 105 Km.
		Small local
eP 13:28:35	eP 18:08:10.7	eP 04:12:02.9
iS 50	eS 36.5	eS 24
e 29:06	Dist. 238 Km.	Small local
Dist. 130 Km.		Dist. 190 Km.
eP 17:46:44.5	eP 18:36:22.5	eP 04:38:57
eS 47:19	eS 58	e(S) 40:06
Dist. 325 Km.	Small	
	Dist. 335 Km.	
e(PKP) 22:49:30.	eP 23:13:39.5	eP 07:14:32
	eS 15:19.7	e(S) 59
08 eP 01:48:00.5	Dist. 980 Km.	i 15:36.6
e(S) 49:50		
eP 05:44:51.2	09 eP 11:17:39.3	eP 08:48:13.2
iS 45:04.8	iS 18:08.5	eS 38.2
Dist. 115 Km.	Dist. 270 Km.	Dist. 230 Km.
	Small	
		iS 11:03:10.5
		eP 14:25:19.5
		eS 51
		Dist. 295 Km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO.

(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h = 581 mts.

Feb.28 eP 21:52:32	Mar.01 eL 06:02:11	Mar.05 eP 14:34:27.2
1965 eS 57	1965 04 eS 12:46:17.3	1965 eS 36:11.2
Dist. 230 Km.		Dist. 10°

H. Becker
Seismologist.

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PROVISIONAL READINGS AT SOMBRERO.

Feb.25 ePKP 05:10:50	Mar.01 eP 15:58:13	Mar.03 eP 16:01:38
1965 eSP 20:18	1965 eS 16:01:22	1965
ePPS 21:37	Dist. 19°	ePKP 16:33:35
eSS 26:22		ePS 43:02
eR 42:54	02 eR 09:56:--	eSS 49:12
Dist. 110°		eR 17:07:--
		Dist. 110°

H. Becker
Seismologist.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Feb.23 eP 22:14:23.6	Feb.26 iP 20:38:44	Mar.01 i(S) 14:07:44.5
eS 17:(46)	1965 iS 54	1965 e(S) 15:59:(00)
	Dist. 80 Km.	
26 eP 01:22:19	27 iP 05:53:41.5	04 eP 10:15:22.5
eS 28	iS 51	iP 19:10:36.5
Dist. 72 Km.	Dist. 75 Km	
eP 01:58:05.5	28 eP 21:52:33.5	05 eP 18:11:21
eS 14	eS 55	eS 43
Dist. 70 Km.	Dist. 175 Km.	Dist. 180 Km.

07 eP 07:42:35.5
eS 46.5
Dist. 90 Km.

A. Sickinger
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

Feb.26 eP 16:11:07.9	Feb.27 eP 07:57:12.1	Feb.27 eP 15:06:42
1965 e(S) 38.5	1965 eS 08:05:55	1965 eS 58.6
(Compression)	e 07:10	Dist. 140 Km.
eP 16:27:29	eG 13:31	
local	eR 16.5	e(P) 16:32:48
Compression	e 17:27	i(S) 33:33.7
	PZ=0.07 u; 1.0 sec.	i 51.5
eP 18:05:07.9	Magnitude about 5.7	
eS 22.5	Dist. 66°	eP 17:51:56.0
Dist. 130 Km	Compression	e 56.4
e(PKP) 18:13:54.1	eP 09:15:52.6	eS 53:00.7
	iS 16:35.2	Dist. 610 Km.
	i 57.9	
iP 18:22:57.5	iP 11:41:02.2	iP 19:23:55.3
e(S) 24:33	iS 40.8	iS 24:09.9
Compression from S	Compression from ESE	Compression from SE
	Dist. 350 Km.	Dist. 120 Km.
eP 23:42:10.8		
e 40.4		e(P) 21:54:43
eS 46:56		e(R) 57:16
e(SS) 47:57		
i 48:35.1		28 iP 00:47:00.5
PZ=0.2 u; 0.8 sec.		iS 47.9
Compression		Dilatation from ENE
(Dist. 30°)		Dist. 450 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA.

<p>Feb.28 eP 00:52:05.0 1965 e(S) 50.5 i 52.0 (Dilatation)</p> <p>iP 05:39:15.5 iS 22.0 Dilatation Dist. 50 Km.</p> <p>e(P) 09:05:50.3 i 58.3 i(S) 07:02 (From S)</p> <p>eP 10:20:42.8 i 43.2 eS 21:23.2 Dist. 360 Km.</p> <p>iP 10:49:40.7 iS 46.5 Compression from N Dist. 50 Km.</p> <p>eP 11:59:54.2 e(S) 12:00:37</p> <p>eR 13:29:--</p> <p>eP 13:41:19.4 iS 28.0 (Compression) Dist. 60 Km.</p> <p>e(P) 20:56:35.0 e(S) 57:15.5</p> <p>e(P) 21:25:34.5 i(S) 26:19.5</p>	<p>Mar.01 eP 15:59:14 1965 e 15.0 eS 16:03:07 eL 04:14 (Compression from SSW) Dist. 22°</p> <p>iP 21:40:14.9 e 40.1 iS 46:44 eL 50:07 Dilatation from NW Dist. 44°</p> <p>02 eP 08:44:09.7 e(S) 32.6 i 35.2</p> <p>eSP 09:45:20 eSS 50.5 eG 57.2 eR 10:02.2 (Dist. 92°)</p> <p>eR 15:06.0</p> <p>eR 17:17.1</p> <p>eR 20:34.0</p> <p>eP 22:45:31.3 eS 46:09.8 Dist. 350 Km.</p> <p>03 eR 00:03:19</p> <p>e(P) 03:30:21 e(PP) 34:06 eSKS 40:57 ePS 42:42 eSS 47:53 From SW (Dist. 93°)</p> <p>ePKP 06:34:35.2</p> <p>eP 07:26:15.7 eS 50.7 Dist. 320 Km.</p> <p>iP 08:41:24.1 eS 39.8 Compression from E Dist. 130 Km.</p> <p>e(P) 14:52:18 e(PP) 56:20</p> <p>eSKKS 15:02.9 ePS 04:39 eSS 09:55 eR 22:57 From SW Dist. 93°</p>	<p>Mar.03 e(PKP) 15:33:15 1965 e 26 eSKP 36:38 eSKS 40:05 eSKKS 42.3 ePPS 47:15 eSS 52:48 eSSS 57.7 eG 16:07.5 eR 12:29 (Dist. 130°) Disturbed by former seism.</p> <p>04 eP 00:18:27.0 eS 19:24.7 Dist. 560 Km.</p> <p>eP 02:08:48.8 eS 09:11.4 Compression Dist. 200 Km.</p> <p>eP 03:00:08.1 i 09.6 iS 42.4 Dist. 310 Km.</p> <p>eP 06:38:20.6 eS 39.4 Dist. 160 Km.</p> <p>eP 09:18:06 eS 29.1 Dist. about 200 Km.</p> <p>eP 15:43:36 eS 44:17.7 Dist. about 390 Km.</p> <p>eP 17:16:08.2 eS 47.0 (Dilatation) Dist. 350 Km.</p> <p>eP 21:59:37.5 eS 55.3 Dist. 160 Km.</p> <p>eP 22:50:33.1 i 49.4 iS 55.9 Two shocks?</p> <p>05 eP 02:53:49.8 eS 54:10.5 Compression from NE Dist. 190 Km.</p> <p>iP 14:34:08.9 e(S) 35:27 i 38 Compression from SE PZ=26.2 u; 3.2 sec.</p>
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PROVISIONAL READINGS AT ANTOFAGASTA.

Mar.05 1965	eS 20:01:18	Mar.06 1965	eP 22:58:09.7	Mar.07 1965	eP 21:44:44.3
	ePS 02:29		iS 37.7		e(S) 45:23.4
	eSS 07:29		Dist. 250 Km.		eP 22:18:46.2
	e(G) 14.7	07	eP 01:56:17		eS 19:22.5
	eR 19:37		eSKS 02:06:47		Dist. 330 Km.
	From WSW		e(S) 07:18		eR 22:56:18
	Distance about 90°		eSP 08:22		
	iP 21:26:43.7		ePPS 09:16	08	eP 01:06:59.0
	iS 27:12.7		e(SS) 13:28		eS 07:39.5
	Compression from NNE		eSSS 17.1		Dist. 370 Km.
	Dist. 260 Km.		eG 20:42		
			eR 25:17		eP 01:46:40.6
06	eP 01:55:38.4		From WSW		i(S) 47:04.5
	eS 56:02.1		Dist. 93°		i 15.5
	Dist. 210 Km.				i 19.0
	eR 04:49.6		eP 08:24:52.6		eP 04:05:20.4
	From WSW		e(S) 25:09.2		eS 30.3
	iP 08:36:36.4		eP 10:35:16.9		Dist. 80 Km.
	iS 41.4		iS 43.4		
	Dilatation from ENE		(Compression)		eP 04:17:32
	Dist. 40 Km.		Dist. 230 Km.		eS 18:08.3
	eR 09:17.6		iP 11:20:19.3		Dist. about 320 Km.
			eS 24.1		
	e(P) 12:47:17.5		Dilatation from W		eP 10:46:10.9
	eS 45.9		Small local		eS 47.6
			Dist. 40 Km.		Dist. 330 Km.
	eP 12:57:27.0		eP 12:58:14.4		iP 12:28:00.4
	eS 58:02.7		eS 57.8		Dilatation
	Dist. 320 Km.		Dist. 400 Km.		PZ=0.15 u; 1.2 sec.
	iP 16:17:50.0		eP 18:59:08.5		March 08 from 12:30 to
	iS 18:30.2		iS 14.3		22:00 No record cause
	Compression from E		Small local		General Testing.
	Dist. 360 Km.		Dist. 50 Km.		
	eP 18:46:37.4				iP 23:12:21.7
	iS 52.2				iS 57.0
	Dilatation				Compression from ESE
	Dist. 130 Km.				Dist. 310 Km.
					09 e(P) 07:09:09.5
					eS 33.2

J. Frez
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

Chile

Pelde
March 1965

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Instituto de Geofísica y Sismología

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h = 690 mts.

Mar.10	eP	18:51:13.8	Mar.11	iP	14:02:55.4	Mar.13	eP	01:24:54
1965	eS	27	1965	e	03:04	1965	e	25:06
	Dist.	112 Km.		iS	09.5		e	36
				Dist.	120 Km.		e	26:05.6
	eP	20:21:41		e(P)	14:58:35.5		iS	26
	eS	23:13					i	40
	Dist.	910 Km.		e(PKP)	17:16:22		Dist.	910 Km.
11	eP	00:48:(44)		iP	17:25:05.3		eP	02:34:43.4
	Very Small			iS	44		eP	05:23:51.5
	eP	04:43:08.6		Dilatation			eS	25:18
	e(S)	30.5		Distance	368 Km.		Dist.	850 Km.
	eP	06:41:00.8		eP	19:35:32		eP	06:00:55
	e	14.5		Small local			eS	01:18.4
	iS	33					Small local	
	Dist.	about 300 Km.		eP	23:25:27.8		Dist.	214 Km.
	eP	06:50:50		Small local			eP	07:06:41
	eS	51:20	12	ePKP	04:58:46		iS	07:15
	Small						Dist.	320 Km.
	Dist.	280 Km.		eP	06:24:26.5		eP	08:14:27.3
	eP	08:47:31.5		eS	40.7		iS	15:03.4
	eS	48.7		Small local			Dist.	340 Km.
	Small local			Dist.	122 Km.		eP	09:30:43
	Dist.	152 Km.		eP	08:04:40.5		eS	31:19.7
	eP	09:34:36.9		eS	05:05.5		Dist.	347 Km.
	i	42.4		Small			eP	10:41:56
	iS	35:11.7		Dist.	230 Km.		eS	42:09
	i	36:06		eP	08:49:39.2		Small local	
	Dist.	330 Km.					Dist.	110 Km.
	eP	09:45:56		eP	19:45:16.3		eP	11:39:19.3
	eS	46:35.5		eS	46:32.8		eS	40:38
	Dist.	375 Km.		Dist.	748 Km.		Dist.	770 Km.
	eP	11:25:15.8		eP	22:09:02		eP	15:25:06
	iS	32.1		eS	30.9		eS	26:32
	Dist.	142 Km.		Dist.	270 Km.		Dist.	850 Km.
	eP	11:46:42.3		eP	22:18:23			
	iS	55		e	35.5			
	Dist.	108 Km.		e	19:27.5			
	eP	11:57:03.2		eS	47.5			
	e	33		i	20:07			
	e(S)	41		Dist.	830 Km.			
	eP	13:45:26.7		eP	23:00:53.3			
	eS	46.7	13	iP	00:18:36.0			
	Small local			iS	50.6			
	Dist.	180 Km.		Dilatation from S				
				Dist.	126 Km.			
				PZ=	0.47 u; 0.4 sec.			

2nd sheet
(See over for *Santiago, Lumbroso, Concepcion*
& Antofagasta)

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PROVISIONAL READINGS AT PELDEHUE.

Mar.13 eP 17:46:59.4	Mar.15 iP 02:11:24.5	Mar.16 eP 15:27:12
1965 eS 48:23	1965 iS 41.1	1965 eS 48
Dist. 820 Km.	Compression from NE	Dist. 340 Km.
eP 18:04:41	Dist. 145 Km.	ePKP 17:06:09
eS 06:05	eP 10:55:(36)	ePP 09:50
Dist. 830 Km.	eS 56:56.4	e(SSP) 29:50
eP 19:29:50.6	Dist. about 790 Km.	e(SSS) 34:30
Small local	eP 13:20:49.3	eR 56:--
iP 20:00:03.5	iS 21:47	Dist. about 147°
eS 18	i 22:10.5	eP 21:48:44
Small local	Dist. 558 Km.	iS 49:23.5
Dist. 125 Km.	16 eP 04:22:21.8	Dist. 375 Km.
eP 23:05:50.8	iS 25.9	eP 23:44:32
eS 06:35	Small local	eS 45:24
Dist. 420 Km.	Dist. 12 Km.	Small
14 iP 06:03:37.9	eP 06:50:01.8	Dist. 500 Km.
i 45	eS 25	17 eP 03:33:53.6
iS 52	Dist. 210 Km.	iS 57.5
Dilatation	eP 07:17:38	Dist. 8 Km.
Dist. 120 Km.	iS 56.9	eP 04:37:54
ePKP 16:12:25.5	Dist. 170 Km.	eS 40:(35)
ipPKP 32	eP 08:02:24	Dist. about 15°
e 13:17	eS 35.3	iP 07:33:36.4
ePKS 16:00	Small local	iS 50.0
eSKS 19:33	Dist. 92 Km.	Compression
eSKKS 23:12	eP 08:06:38	Dist. 116 Km.
e 25:40	iS 07:03.5	eP 12:59:55.5
ePPS 29:20	Dist. 235 Km.	eS 13:00:37
eSS 35:32	eP 09:05:33	Dist. 395 Km.
e 37:30	iS 51.5	e(P) 13:34:02.6
eSSS 40:46	Dist. 165 Km.	eP 15:17:21
e(Q) 53:--	eP 10:05:39	eS 45.3
Dist. about 150°	i 50	Dist. 225 Km.
Deeps focus?	iS 06:13	Small local
eP 21:45:13	Dist. 320 Km.	eP 15:47:28.5
eS 32	eS 11:11:51.6	iS 52.1
Dist. 170 Km.	Small local	Small
eP 23:13:47.5	eP 11:44:21	Dist. 215 Km.
e 14:46.8	eS 45:39	
eS 15:20.8	Dist. 760 Km.	
Dist. 920 Km.	iP 15:22:47.8	
eP 23:58:(33)	iS 52.8	
15 e 01:58:29.6	Compression from W	
	Dist. 30 Km.	
	PZ =0.87 u; 0.5 sec.	

E. Lorca
 Seismologist.

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PROVISIONAL READINGS AT SANTIAGO.
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h = 581 mts.

Mar.11 eP 17:25:02.8	Mar.12 e 22:19:37	Mar.14 ePKP 16:12:32
1965 eS 37.3	1965 eS 53	1965 ePKS 15:34
Dist. 325 Km.		

H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

Mar.05 eP 14:39:40	Mar.14 iPKP 16:12:24
1965 12 eP 08:47:43	1965 e(SP KP) 13:19
e 48:14	ePPP 16:51
Teleseism?	e(SKS) 19:13
eP 09:04:24.8	ePPS 25:29
eS 45.4	eSS 30:12
Dist. 185 Km.	eSSS 34:34
	eG 44.0
	eR 49.8
	Dist. 120°
	PZ=2.5 u; 1.2 sec.
	Mag. about 7
	Deeps focus
	h=220 Km.

H. Becker
Seismologist.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Mar.09 iP 20:27:53	Mar.13 eP 15:24:18	Mar.13 eP 16:57:37
1965 11 iP 17:24:37.5	1965 eS 38.5	1965 eS 59
iS 55	Dist. 165 Km.	Dist. 180 Km.
Dist. 140 Km.	eP 16:55:04.5	14 ePKP 16:12:37
FELT II	eS 24.5	eP 23:57:36
13 eP 11:38:25.5	Dist. 160 Km.	iS 42
eS 37.5		Dist. 50 Km.
Dist. 95 Km.		16 eP 23:44:06

A. Sickinger
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h = 80 mts.

Mar.09 eP 13:59:55.2	Mar.09 eP 20:09:12.4	Mar.11 eP 00:35:38.6
1965 eS 14:00:15.5	1965 eS 50.0	1965 eS 36:01.1
Dilatation	Dist. 340 Km.	Dist. 200 Km.
Dist. 180 Km.	10 eP 10:19:47.3	iP 03:56:16.9
e(PP) 18:16:54	iS 20:17.9	eS 44.2
eSKS 22:54	Compression	Compression from E
eSP 26:05	Dist. 270 Km.	Dist. 260 Km.
eSS 31.9	eP 13:40:28	e(P) 09:35:43
eSSS 36:05	eS 41:05.6	local
eG 42	Dist. about 340 Km.	
eR 48:04		
Dist. 110°		

J. Frez
Seismologist.



IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND

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 . Mar.17 eP 16:59:02
 1965 e 26
 eS 38.5
 Dist. 345 Km.

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h = 690 mts.

eP 18:11:39.3
 eS 12:10
 Dist. 388 Km.

eP 19:33:48
 eS 34:12.4
 Dist. 224 Km.

18 eP 03:07:41.5
 eS 09:29.5
 Dist. 10°

eP 03:38:00.5
 e(S) 38
 i 52.4

eP 06:29:59
 eS 30:13
 Dist. 120 Kms.
 Small local

ePKP 06:34:53.4
 ePP 35:50
 ePKS 38:30
 eSP 45:02
 ePPS 46:44
 eSSP 52:06
 Dist. about 112°

iP 07:49:43.7
 iS 56.4
 Dilatation
 PZ = 0.1 u 0.4 seg.

ePKP 11:53:51.5

e(PKP) 12: 47:55.7

eP 23:20:07.7
 iS 26
 Dist. 162 kms.

eP 03:09:38.3
 eS 10:39
 Dist. 590 Kms.

19 e(PKP)16:40:21

eP 16:45:04.4
 iS 21.7
 Dist. 152 Kms.

eP 17:11:32.7
 e 12:26.5
 eS 32.5
 Dist. about 580Kms.

No record SP system
 from 18:30 cause
 motor failure.

21 eP 11:27:54
 e 30:34
 ePPS 41:20
 eSSS 49:50

eR 59
 Dist. about 97°
 Mag. about 6

22 eP 02:57:55
 e(PP) 03:01:48
 eSKS 08:26
 esS 59
 eSS 15:07
 eQ 21:40
 eR 26:55
 Dist. about 91°
 Mag. about 6.3

eP 20:20:(20)
 eS 21:19
 Dist. about 670Km.

iP 22:56:51.8
 Felt IV at Stgo.

23 eP 04:06:06.8
 iS 21.5
 Dist. 130 Km

SP system working
 again from 16:56

eP 18:22:10.5
 eS 23:17.8
 Dist. 650 Kms.

ePn 19:11:37.6
 ePg 51.2
 eSn 12:21
 iS* 32.1
 iSg 39
 Dist. 410 Kms.

eP 22:40:26.5
 eS 46.2
 Dist. 178 Kms.

24 e(PKP) 00:07:12
 eR 36:06

iP 00:45:58.1
 i 46:13.4

Compression
 PZ = 0.3 u, 0.4 seg.
 Dist. 132 Kms.

eP 01:22:21.5
 eS 24:10
 Dist. about 10°

eP 03:24:05.3
 iS 20.4
 Small
 Dist. 130 Kms.

eP 05:40:47.5
 iS 41:01
 Dist. 115 Kms.

eP 07:53:02
 eS 20.5
 Small
 Dist. 165 Kms.

eP 09:14:32.5
 iS 38.3
 Dist. 40 Kms.

eP 09:24:03.5

iP 10:11:21
 iS 35.2
 Dilatation
 Dist. 122 Kms.

eP 10:43:38
 eS 44:08.8
 Dist. 290 Kms.

eP 11:20:27.5
 eS 24(05)
 Dist. about 20°

eP 15:48:21
 iS 47.4
 Dist. 244 Kms.

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PROVISIONAL READINGS AT PELDEHUE

Mar. 24 1965	iP iS Dist. 190 Kms.	22:23:23.7 44.9	Mar. 27 1965	eP e eS Dist. 638 Kms.	00:51:29 52:27 34.7	Mar. 28 1965	iP iS Small Dist. 104 Kms. Aftershock	19:18:15 27.4
25	eP eS Small Dist. 200 Kms.	02:47:47.5 48:09.5		eP iS Dist. 400 Kms.	01:52:21.5 53:03.8		eP iS Small Dist. 109 Kms. Aftershock	19:19:04.9 18
	eP iS Dist. 155 Kms.	14:40:42.1 59.6	28	eP e eP eS Dist. 258 Kms.	07:12:40.7 56.8		eP iS Small Dist. 105 Kms. Aftershock	19:23:12.7 25.3
	eP eS Dist. about 1000 Km.	15:03:38 05(20)		e(P) e eP iS Small Dist. 145 Kms.	08:35:10.8 38.6		eP iS Small Dist. 130 Km. Aftershock	19:48:03.3 18.6
	eP iS Dist. 202 Kms.	20:08:18 40.3		eP iS Small Dist. 145 Kms.	10:03:59.4 09:00		eP iS Small Dist. 114 Km. Aftershock	20:19:52.3 20:06.7
	eP eS Dist. 1000 Kms.	20:38:14.5 39:56		iP From NW Felt VII at Stgo. XI at La Ligua	10:27:58 28:14.5		eP iS Dist. 96 Km. Aftershock	20:46:14.2 25.8
26	eP iS Dist. 146 Kms.	04:00:14.2 30.8		Seismographs damaged by earthquake 16:33:32.8 (Working only SP-EW and LP-NS	16:33:32.8		eP iS Dist. 102 Km. Small Aftershock	21:17:04.5 16.7
	eP Small	06:37:39.5		eP iS Small Dist. 100 Kms. Aftershock	18:05:55.7 06:07.9		eP eS Dist. 230 Km.	21:22:09.7 35.2
	eP eS Small Dist. about 295 Kms.	11:33:38.5 34(11)		eP iS Small Dist. 108 Kms. Small Aftershock	18:27:20.6 33.5		eP iS Dist. 110 Km. Aftershock	21:49:57.2 50:10.2
	eP iS Dist. 174 Kms.	12:59:05.6 25		eP iS Small Dist. 108 Kms. Small Aftershock	18:59:46 59		eP iS Dist. 95 Km. Small Aftershock	21:56:07.8 19.3
	eP iS Small local Dist. 110 Kms.	15:41:59 42:12						
	eP Small	19:31:45						
27	eP iS Dist. 125 Kms.	00:40:27.6 42.1						

SP-EW failure from 22:10

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PROVISIONAL READINGS AT PELDEHUE.

Mar. 29 1965	iP Aftershock FELT	03:41:08.5	Mar. 29 1965	eP iS	23:23:07.1 18.5	Mar. 30 1965	iP iS	07:07:28.2 40.1
					Dist. 94 Km. Aftershock			Dist. 99 Km. Aftershock
	iP iS	05:27:53.0 28:07.0		iP iS	23:43:09.1 22.6		eP eS	07:49:55.7 50:07.8
		Dist. 120 Km. Aftershock FELT			Dist. 115 Km. Aftershock			Dist. 101 Km. Aftershock
	iP iS	07:24:59.5 25:11.5		eP iS	23:51:14.8 35.5		iP iS	09:04:25.7 38.1
		Dist. 100 Km. Aftershock FELT			Dist. 188 Km.			Small
		e(SKS) 11:30:40	30	iP iS	02:21:01 14			Dist. 104 Km. Aftershock
					Dist. 110 Km. Aftershock		iP iS	13:07:07 19.7
	eP iS	19:13:15 54.6		ePKP ePP	02:46:07.7 48:15.0			Dist. 107 Km. Aftershock
		Dist. 370 Km.		ePKS eSP	49:34 58:30			
	iP iS	20:10:32.0 44.8		eSS eSSS	03:06:14 11:15		eP eS	13:57:10 41.5
		Dist. 108 Km. Aftershock		eQ	20:42			Small
					Dist. 130.5° Depth: normal			Dist. 295 Km,
	eP iS	22:13:53.2 14:06.7		eP iS	04:24:30.8 43.7		iP iS	14:12:26.8 23:07.5
		Dist. 115 Km. Aftershock			Dist. 109 Km. Aftershock			Dist. 385 Km.
	iP iS	22:15:55.0 16:06.9						
		Dist. 99 Km. Aftershock						E. Lorca Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
(Santa Lucía).

33° 26' 40" S 70° 38' 54" W h 581 mts.

Mar. 17 1965	eP 18 eP	07:33:46 23:20:34	Mar. 23 1965	eP eS	04:06:11.2 28	Mar. 29 1965	eP eS	05:28:01.6 12
					Dist. 150 Km.			Dist. 84 Km.
	22 iP iS	22:56:54.7 57:08.5		24 eP	00:46:21.4		eP	07:25:01
		Dist. 118 Km. FELT IV AT STGO.						17.4
				28 iP	16:33:36.5			Dist. 144 Km.
					FELT VII AT STGO.		eP eS	23:23:05 26
				eP	23:41:23.2			Dist. 190 Km.
							30 eP	16:18:38

H. Becker
Seismologist.

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PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h 73 mts.

Mar.16 ePKP 17:06:14
1965 ePP 10:28
e 20:26
e 25:06
eL 57:--

Mar.22 ePKP 03:11:15.3
1965 e 24:10

Mar.22 eP 23:01:07.4
eS 05:02
eR 07:36
Dist. 21.5°

17 eP 14:46:44.3

eP 18:20:13
eS 52
Dist. 370 Km.

28 eP 16:37:49.0
iS 41:30.5
PZ: 36.8 u, 1.2 sec.
Mag.7.6 (IGS) ?
Dist. 20°

18 eP 06:34:05
e 35:08
eS 43:44
e 45:18
eR 57:--
Dist. about 75°

eP 20:52:21

H. Becker
Seismologist.

eP 12:46:00
e 50:28

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h: 46 mts.

Mar.22 eP 13:05:27.2
1965 eS 49
Dist. 198 Km.

Mar.22 eP 22:57:38
1965 eS 58:30
Dist. 490 Km.
FELT I

A. Sickinger
Seismologist.

PROVISIONAL READINGS AT O'HIGGINS

63° 19' 00" S 57° 54' 00" W

Mar.28 iP 16:39:38
1965 iS 44:48
Dist. 31.5°

Capitán Ojeda
Seismologist.



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h = 690 mts.

Mar.30 1965	eP 21:29:42.5 iS 47.6 Dist. 30 Km.	Mar.31 1965	eP 12:48:21 eS 38.8 Dist. 158 Km.	Apr.01 1965	eP 21:42:12.5 eS 45.5 Small Dist. 310 Km.
	iP 23:12:40.4 iS 53 Dist. 106 Km. Aftershock		eP 18:27:51.5 iS 28:04 Dist. 105 Km. Aftershock		eP 23:00:13.3 eS 28.5 Small Dist. 132 Km.
31	eP 00:00:08.8 e 23		eP 19:25:07 eS 21.3 Dist. 105 Km. Aftershock	02	eP 00:44:20 eS 46.5 Small Dist. 245 Km.
	eP 03:53:25.8 eS 45.4 Dist. 175 Km.		eP 20:24:40.5 e 25:26 eS 28:21 e 54.5 Dist. about 20°		iP 02:11:54.4 iS 12:05.5 Dist. 91 Km. Aftershock
	iP 04:33:44.7 iS 58 Dist. 113 Km. Aftershock		eP 20:39:08 i 15.1 iS 40:07.5 Dist. 580 Km.		eP 09:54:22.3 iS 35.2 Dist. 109 KM. Aftershock
	eP 06:15:27.5 eS 58.1 Dist. 285 Km.		eP 23:24:33.7 iS 51.5 Dist. 158 Km.		eP 09:59:14.7 iS 28 Small Dist. 113 Km. Aftershock
	eP 07:11:(01) eS 13.4 Dist. 104 Km. Aftershock	Apr.01 1965	iP 02:59:55.7 iS 03:00:08.5 Dist. 108 Km. Aftershock		eP 10:03:52 eS 04:23.5 Dist. 295 Km.
	eP 08:30:33.3 eS 48.2 Dist. 125 Km. Aftershock		e(P) 07:13:19.8 i(S) 26.6 Seismic?		eP 10:16:46.7 eS 59.6 Small Dist. 109 Km. Aftershock
	e 08:45:31.2		eP 09:07:07 eS 08:02 Dist. 530 Km.		eP 10:37:40.5 iS 38:10 Dist. 275 Km.
	eP 09:31:58.4 iS 32:06.5 Dist. 60 Km.		eP 14:15:12 e(S) 48		eP 11:10:10 eS 30.5 Dist. 185 Km.
	eP 10:12:35 e(PP) 16:07 ePPP 17:13 eS 22:32.5 eSS 26:42 eG 35:44 eR 38:35 Dist. about 80°		eP 15:48:14 e(S) 28		iP 12:25:55.3 iS 26:07.5 Dist. 102 Km. Aftershock
	eP 12:12:34.6 iS 13:04 Dist. 274 Km.		eP 21:27:42 eS 33:27 e(G) 36:04 Dist. 37.5°		

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PROVISIONAL READINGS AT PELDEHUE.

Apr.02 eP 13:58:15.6	Apr.03 iP 03:18:48.6	Apr.03 iP 21:33:20.8
1965 eS 29.4	1965 iS 19:18	1965 iS 34
Small	Dist. 274 Km.	Dist. 112 Km.
Dist. 118 Km.	eP 05:55:58.7	eP 22:18:16.8
Aftershock	eS 56:38.5	eS 29.4
eP 15:18:44	Dist. 278 Km.	Dist. 105 Km.
eS 57.5	eP 07:55:10.5	Aftershock
Small	iS 36.5	04 ePn 00:22:43.2
Dist. 115 Km.	Dist. 240 Km.	eP* 51.5
Aftershock	iP 10:34:42.7	e 23:03
iP 17:36:21.8	iS 54	eS* 32.5
iS 34	Dist. 93 Km.	Dist. 375 Km.
Dist. 102 Km.	Aftershock	eP 00:58:56.2
Aftershock	iP 11:22:32.6	e 59:41.5
eP 17:49:11	iS 44.7	iP 04:22:45.5
iS 33	Dist. 101 Km.	iS 58.5
Dist. 200 Km.	Aftershock	Dist. 110 Km.
iP 18:42:18.3	eP 11:30:15	Aftershock
iS 31.3	e(PKS) 38:05	eP 06:25:45.8
Dist. 110 Km.	e 46:40	eS 26:05.1
Aftershock	iP 12:33:28.2	Dist. 173 Km.
eS 18:49:31	iS 40.5	eP 08:07:33.6
eP 19:15:50.5	Dist. 103 Km.	eS 50.5
iS 16:02.2	Aftershock	Dist. 150 Km.
Dist. 97 Km.	eP 18:54:17.3	e 08:28:47.5
Aftershock	iS 29.4	e(PKP)13:49:44.3
iP 19:32:23.9	Dist. 100 Km.	eP 15:50:59
iS 35.4	Aftershock	iS 51:11.5
Dist. 95 Km.	eP 18:59:32.5	Dist. 105 Km.
Aftershock	eS 19:00:00.5	Aftershock
eP 20:19:(42)	Dist. 260 Km.	eP 15:59:25
eS 20:03	eP 19:27:09	eL 16:16:--
Dist. about 190 Km.	eS 21.5	eP 16:54:24.5
03 eP 00:29:52.8	Dist. 105 Km.	eS 37.5
iS 30:05.7	Aftershock	Dist. 110 Km.
Small	eP 20:33:05	Aftershock
Dist. 109 Km.	eS 17.5	e(PKP)20:14:50
Aftershock	Dist. 105 Km.	eP 23:37:56.6
iP 01:56:01.3	Aftershock	iS 38:08.5
iS 21.5	eP 20:55:15	Dist. 99 Km.
Dist. 182 Km.	e 45	Aftershock
iP 02:32:26.6	Pn 21:12:05	iP 23:45:58.7
iS 39	e 43.5	iS 46:14
Dist. 104 Km.	Sg 13:11	Dist. 133 Km.
Aftershock	Dist. 430 Km.	

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PROVISIONAL READINGS AT PELDEHUE.

<p>Apr.05 eP 00:57:06.6 1965 eS 58:15.5 Dist. 596 Km.</p> <p>eP 06:49:02 eS 46.5 Dist. 425 Km.</p> <p>eP 07:33:19 eS 45.5 Dist. 245 Km.</p> <p>iP 08:05:17.2 iS 29.6 Dist. 104 Km. Aftershock</p> <p>eP 08:29:58.8 iS 30:19.1 Dist. 183 Km.</p> <p>iPKP 11:05:26</p> <p>eP 14:11:46.6 Teleseism?</p> <p>eP 20:16:54.3 iS 17:11.7 Dist. 154 Km.</p> <p>06 eP 00:55:46.5 iS 56:13.9 Dist. 254 Km.</p> <p>eP 03:37:33 iS 46.8 Dist. 118 Km. Aftershock</p> <p>eP 03:58:03.3 eS 24.5 Small Dist. 192 Km.</p> <p>e(P) 05:51:55.5</p> <p>iP 07:56:55.8 iS 57:13.9 Dist. 161 Km.</p> <p>iP 08:21:19 iS 33.1 Small Dist. 121 Km. Aftershock</p>	<p>Apr.06 eP 09:01:56.5 1965 eS 02:14 Small Dist. 155 Km.</p> <p>e(PKP) 10:02:03.6</p> <p>iP 11:46:57.3 iS 47:09.7 Small Dist. 104 Km. Aftershock</p> <p>eP 12:26:48 eS 53.5 Small Dist. 30 Km.</p> <p>iP 13:23:57 iS 24:13.5 Dist. 145 Km.</p> <p>eP 13:55:46 iS 57.8 Dist. 98 Km. Aftershock</p> <p>iP 16:04:23.4 iS 35.6 Dist. 102 Km. Aftershock</p> <p>eP 18:33:56.9 eS 34:19 Dist. 101 Km. Aftershock</p> <p>iP 19:54:37 iS 52.8 Dist. 138 Km. Aftershock</p> <p>eP 22:39:08.8 eS 34 Dist. 232 Km.</p> <p>eP 22:57:39.5 eS 58:07.8 Small Dist. 262 Km.</p> <p>07 eP 01:53:16.4 iS 28.8 Dist. 104 Km. Aftershock</p>	<p>Apr.07 eP 03:47:24 1965 iS 47.5 Dist. 215 Km.</p> <p>eP 04:04:46.8 eS 05:16.5 Dist. 277 Km.</p> <p>iP 08:15:51.4 iS 06:03.3 Dist. 99 Km. Aftershock</p> <p>eP 10:35:45 eS 36:06 Small Dist. 190 Km.</p> <p>eP 11:23:47.8 iS 56.3 Dist. 65 Km.</p> <p>eP 12:32:23.6 eS 55.4 Dist. 298 Km.</p> <p>iP 13:21:34.8 iS 51.5 Dist. 147 Km.</p> <p>iP 16:08:26.7 iS 39.0 Dist. 103 Km. Aftershock</p> <p>08 eP 00:43:(14) eS 44.5 Dist. about 285 Km.</p> <p>eP 01:50:(05.5) eS 13.3 Dist. about 58 Km.</p> <p>eP 03:14:27.3 eS 40.4 Dist. 111 Km. Aftershock</p> <p>eP 03:31:24.3 eS 40.8 Dist. 145 Km.</p> <p>eP 05:08:14.8 eS 37 Dist. 202 Km.</p>
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PROVISIONAL READINGS AT PELDEHUE.

Apr.08 eP 05:21:(21.5)	Apr.09 iP 08:36:31.5	Apr.11 e(P)00:23:41
1965	1965 iS 43.5	1965
eP 07:19:53	Dist. 100 Km.	eP 00:29:57.7
eS 20:14.3	Aftershock	eS 30:15.5
Dist. 193 Km.		Small
	eP 09:09:21.7	Dist. 158 Km.
eP 08:09:00.3	eS 10:12	
iS 15	Dist. 485 Km.	eP 04:31:14.9
Dist. 127 Km.		iS 28.5
Aftershock	eP 20:48:11.3	Small
	iS 47.0	Dist. 116 Km.
iP 09:53:08	Dist. 338 Km.	Aftershock
iS 21		eP 04:34:08.5
Dist. 110 Km.	eP 20:54:52.6	Small local
Aftershock	e(S) 55:49	
		eP 04:54:02
iP 11:16:31.5	10 eP 02:19:40.5	eS 29
iS 44	iS 52.6	Small !
Dist. 105 Km.	Dist. 101 Km.	Dist. 250 Km.
Aftershock	Aftershock	
	iP 04:08:19.3	e(P) 10:45:35.6
iP 12:11:18.7	iS 31.1	eS 45.8
iS 30	Dist. 98 Km.	Small
Dist. 93 Km.	Aftershock	
Aftershock		eP 12:35:11.4
	eP 06:18:40,7	iS 28.4
eP 13:07:36.4	eS 19:06	Dist. 150 Km.
i 37.5	Dist. 233 Km.	
eS 08:06.5		eP 14:25:18.6
Dist. 281 Km.	iP 07:28:20.3	iS 37.5
	eS 35.3	Dist. 169 Km.
eS 13:12:40	Dist. 130 Km.	
	Aftershock ?	iP 18:00:01.5
iP 18:30:03.1		iS 19.8
iS 16.5	iP 09:51:39.6	Dist. 163 Km.
Dist. 114 Km.	iS 53.2	
Aftershock	Dist. 116 Km.	eP 18:57:29.9
	Aftershock	iS 42.5
eP 19:37:40.3	From 14:46 no record	Dist. 106 Km.
iS 57,5	till 19:49	Aftershock
Dist. 152 Km.		
	iP 20:24:22.6	iP 19:03:45.6
eP 20:50:46.7	iS 44.9	Seismic?
eS 51:21	Dist. 203 Km.	
Dist. 223 Km.		12 eP 00:56:04.2
	eP 22:01:46	e(S) 19
09 eP 02:56:45.8	eS 03:54.5	
eS 58:02	Dist. 12°	eP 03:19:12.1
Dist. 750 Km.		iS 39.7
	11 eP 00:12:12.9	Dist. 256 Km.
eP 03:01:23	iS 30.3	
eS 02:(29)	Small	
Dist. about 640 Km.	Dist. 154 Km.	

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PROVISIONAL READINGS AT PELDEHUE.

Apr.12 eP 03:25:02.5	Apr.12 eP 07:46:39	Apr.12 eP 23:01:19.7
1965 eS 16.2	1965 eS 55.2	1965 iS 39.5
Small	Small	Dist. 178 Km.
Dist. 117 Km.	Dist. 142 Km.	
Aftershock		13 eS 00:06:07.4
eP 05:31:33.4	eP 09:08:46	eP 00:21:31.8
iS 53.0	iS 59.5	iS 58.4
Dist. 176 Km.	Dist. 115 Km.	Small
	Aftershock	Dist. 246 Km.
iP 05:34:49.5	eP 09:25:17.3	eP 03:31:44.1
iS 35:11.3	eS 32	iS 54.3
Dist. 248 Km.	Dist. 125 Km.	Dist. 82 Km.
	Aftershock	Aftershock
eP 05:48:19.1	- Technicians working	eP 10:13:43.8
eS 34.5	at the station from	eS 14:14.2
Small	14:56 till 20:33	Dist. 284 Km.
Dist. 134 Km.		
eP 06:06:20.8	e(PKP)20:38:37	eP 10:19:18.6
eS 40.6		eS 34.5
Dist. 178 Km.	eP 21:00:20.5	Dist. 139 Km.
	e(PKP)21:40:35	
		eP 14:34:03
		iS 15.3
		Dist. 103 Km.
	E. Lorca	
	Seismologist.	

PROVISIONAL READINGS AT SANTIAGO.
 (Santa Lucía)

33° 26' 40" S 70° 38' 54" W h = 581 mts.

Mar.31 eL 10:44:--	Apr.06 eP 07:53:18.6	Apr.06 eP 12:11:34.2
1965	1965	1965
	eP 19:54:38	10 eP 09:51:(45)
Apr.04 iP 23:46:18.8	eS 55:04	eS 59
1965	Dist. 240 Km.	Dist. about 120 Km.
		H. Becker
		Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h = 73 mts.

Mar.30 ePKP 02:46:42	Mar.31 ePKP 10:07:36	
1965 epPKP 47:25.3	1965 e(PPP) 13:12	
ePP 49:18	e(SKS) 14:34	
ePPP 53:08	eSKKS 17:24	
ePPS 03:01:58	e 24:28	
eSS 08:10	eSS 28:32	
eSSP 09:08	e 37:--	
eQ 24:10	G 44:12	
eG 26:32	Dist. 136°	
Dist. about 140°		H. Becker
		Seismologist.

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PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h = 46 mts.

Mar.28 iP 16:34:20.5
1965 eS 35:10.2
Dist. 480 Km.
FELT V

Mar.29 eP 09:56:00
1965 eP 23:22:45.5

Apr.06 eP 19:54:27
1965 eS 54
Dist. 250 Km.

29 eP 03:42:42

eP 07:25:45
eS 26:34.5
Dist. 480 Km.

e(P) 02:48:15

eP 14:11:27.5

10 iP 09:24:32
iS 44.5
Dist. 105 Km.

A. Sickinger
Seismologist.

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h = 384 Km.

Apr.08 eP 16:44:55
1965 eS 45:10
Dist. 120 Km.

Apr.09 eP 09:08:36
1965 eS 52
Dist. 130 Km.

Apr.10 eP 07:36:31
1965 eS 36
Dist. 40 Km.

09 eP 02:56:07
eS 26
Dist. 150 Km.

eP 20:48:33
eS 50
Dist. 135 Km.

eP 22:00:33
eS 01:18
Dist. 305 Km.

eP 03:00:45
eS 01:01
Dist. 130 Km.

eP 20:54:09
eS 20
Dist. 90 Km.

12 iP 19:37:(00)
Felt V At Copiapo

L. Cabello
Seismologist.

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Apr.14 eP 01:09:04.8	Apr.18 eP 01:43:23.5	Apr.18 eP 19:34:33.5
1965 eS 30	1965 eS 36.5	1965 eP 21:45:19.7
Small	Dist. 110 Km.	eP 22:06:40
Dist. 232 Km.	eP 04:50:16	eP 22:21:46.3
eP 02:53:59.1	eS 39.7	eS 23:22
iS 54:17.6	Dist. 217 Km.	Dist. 945 Km.
Small	eS 05:46:54.3	eP 23:14:39
Dist. 165 Km.	eP 07:03:45.4	eP 23:37:10.5
eP 03:08:00	eS 57.3	eS 58.5
eS 09:36	Compression	Dist. 460 Km.
Small	Dist. 99 Km.	eP 03:02:19.2
Dist. 950 Km.	eP 07:23:15	eS 46.6
iP 10:47:50.5	eP 09:46:47	Dist. 254 Km.
iS 58	epP 47:06	eP 03:48:29.7
Dist. 55 Km.	ePP 48:26	eS 57.5
eP 12:50:07.8	eS 53:08	Dist. 258 Km.
eS 51:06.5	eG 55:46	eP 05:47:12.4
Small	eSSS 57:12	eS 24.5
Dist. 568 Km.	Dist. 42 $\frac{1}{2}$ °	Dist. 101 Km.
eP 22:59:(10)	eP 10:28:52.5	eP 07:17:28
eS 44.4	Dilatation	eS 39.8
Dist. about 325 Km.	eP 12:49:24.5	Dist. 98 Km.
eP 23:30:46.9	eS 55:24	eP 07:46:42.3
iS 31:14.5	eG 58:22	iP 08:53:53
Dist. 256 Km.	Compression from SE?	iS 54:03
15 iP 00:14:21.8	Dist. about 40°	Dilatation from SE
iS 38	eP 13:22:20.5	Dist. 80 Km.
Dilatation	eS 38.6	eP 14:11:15
Dist. 142 Km.	Dist. 161 Km.	eS 35
eP 01:14:44.7	eP 16:16:40.7	Dist. 180 Km.
eP 14:17:52	eS 17:03	eP 14:15:58.1
eS 18:09.5	Dist. 203 Km.	eS 16:06.5
Dist. 155 Km.	Small	Dist. 64 Km.
16 eP 22:54:58	eP 16:34:54	e 15:45:34.5
eS 55:24	eS 35:14	eP 17:43:51
Dist. 240 Km.	Dist. 180 Km.	iS 44:04.5
17 eP 20:46:26	eP 16:51:34.5	Dist. 115 Km.
eS 58.7	eS 52:06.4	eP 22:44:47
Dist. 307 Km.	Dist. 299 Km.	eS 45:18.5
18 eP 00:24:09.4	eP 17:52:(06)	Dist. 295 Km.
eS 22.2	eS 53:19.3	eP 22:56:(37)
Dist. 108 Km.	Dist. about 115 Km.	eS 57:04.5
eP 00:34:18.4	eP 18:19:56.3	Dist. about 255 Km.
eS 29	eS 20:31	
Dist. 86 Km.	Dist. 327 Km.	

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PROVISIONAL READINGS AT PELDEHUE.

Apr.20 1965	eP 05:24:04.8	Apr.22 1965	eP 20:44:10.5	Apr.24 1965	eP 20:15:13.2
	eS 09:06:30.5		eS 24.5		iS 29.5
	eS 07:03.4		Dist. 120 Km.		Dist. 143 Km.
	Dist. 310 Km.		eP 22:57:51		eP 20:45:40
	eP 13:21:44.6		eS 58:04.5		iS 48.2
	eS 22:08.7		Dist. 115 Km.		Dist. 62 Km.
	Compression from SW	23	eP 01:35:50.5		iP 21:33:30.5
	Dist. 220 Km.		eS 36:11.3		iS 42.5
	eP 14:31:25.6		Dist. 188 Km.		Compression
	eS 32:21		eP 02:56:42.5		Dist. 100 Km.
	Compression from NW		eS 57:05		ePKP 22:14:57
	Dist. 530 Km.		Dist. 205 Km.	25	ePKP 01:20:02
	eP 21:07:09.5		eP 03:26:59.5		eP 04:15:46.3
	eS 34.4		eS 27:27		e 17:19.5
	Dist. 209 Km.		Dist. 255 Km.		eS (37)
	eP 21:33:54.3		ePn 13:00:45		Dist. about 10°
21	eP 08:52:57		eP* 49		eP 05:15:20.5
	eS 53:11.8		eSn 01:27		Small
	Dist. 128 Km.		Dist. 380 Km.		eP 06:10:11.5
	eP 11:45:16.5		eP 14:49:11		eS 29.5
	eS 28.2		iS 33.4		Dist. 160 Km.
	Dist. 97 Km.		Dist. 204 Km.		eP 06:54:19
	eP 13:47:48.2		iP 18:39:40.5		e 55:49
	eP 14:40:17.5		iS 56.0		e(S) 56:17.8
	eS 35		Dilatation		eP 07:27:14
	Dilatation from NW		Dist. 135 Km.		eS 31
	Dist. 155 Km.	24	eP 00:09:26.6		Small
	eP 21:46:43.5		iS 36		Dist. 150 Km.
	eS 58.5		Dist. 78 Km.		eP 07:28:19.3
	Dist. 130 Km.		eP 08:26:38.5		iS 31.8
22	eP 00:22:49.5		eS 51.2		Dist. 105 Km.
	eS 23:08		Small		eP 07:36:32.6
	Dist. 165 Km.		Dist. 107 Km.		iS 58.3
	eP 06:01:46.3		eP 09:23:34.6		Dist. 237 Km.
	eP 08:37:41.3		eS 53.8		eP 12:52:29
	eS 54.7		Small		i 39
	Dist. 115 Km.		Dist. 192 Km.		iS 53:04
	eP 14:24:12		eP 10:18:40		Dist. 330 Km
	eS 25.3		iS 52.9		eP 12:53:43.7
	Dist. 113 Km.		Small		eS 54:09.4
	eP 20:33:50.6		Dist. 109 Km.		Dist. 237 Km.
	eS 34:16.6		eP 15:50:18.8		eP 14:14:20.4
	Dist. 240 Km.		eP 16:01:(41)		eS 15:34
			e(S) 54.5		Dist. 720 Km.
			eP 20:07:31		
			eS 08:04		
			Small		
			Dist. 310 Km.		

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Apr.25 eP 14:41:19	Apr.26 eP 23:34:48.3	Apr.27 eS 22:09:03.8
1965 e 30.5	1965 eS 35:10	1965
iS 36.4	Small	No time marks from
Dist. 154 Km.	Dist. 297 Km.	23:53 till 29-IV-65
		at 20:02
eP 22:16:14	27 iP 00:28:19	29 eP 21:28:07.8
eS (31.5)	i 42.7	eS 21.8
Dist. about 155 Km.	iS 53.6	Small
	Dist. 326 Km.	Dist. 120 Km.
26 eP 03:30:40	e 01:04:28.8	
eP 05:11:51.2	iP 02:17:30.9	30 eP 00:33:17.6
eS 12:17.6	iS 55.7	eS 43.3
Dist. 244 Km.	Compression	Small
	Dist. 228 Km.	Dist. 237 Km.
eP 07:51:35.6	eP 02:39:09.5	eP 04:30:40
eS 49.1	eS 46.8	eS 31:28
Dist. 115 Km.	Small	Small
	Dist. 353 Km.	Dist. 460 Km.
iP 08:57:09.6		
iS 22.2	eP 03:56:03.2	eP 04:55:15.7
Compression	e 20	eS 25.5
Dist. 106 Km.	eS 24.5	Small
	Dist. 193 Km.	Dist. 78 Km.
eP 09:29:43.8	eP 04:07:59.4	eP 09:19:58
eS 55	eS 08:13.3	iS 20:20
Dist. 92 Km.	Small	Dist. 200 Km.
	Dist. 120 Km.	
eP 13:07:33.8	eP 10:07:35	eP 15:10:16.5
iS 46.2	eS 08:05.2	eS 11:(31)
Small	Dist. 282 Km.	Dist. about 730 Km.
Dist. 104 Km.		
eP 14:44:07.5	e(P) 11:13:26.6	eP 19:47:40.6
eS (48)	ePKP 11:16:58.1	eS 48:44
Small		Small
Dist. about 390 Km.	iP 13:41:42.1	Dist. 615 Km.
	iS 42:(17)	
eP 15:43:21.2	Dilatation	eP 20:49:17.2
i 37.5	PZ=0,27 u; 0.4 sec.	eS 30.7
iS 53	Dist. about 330 Km.	Small
Dist. 298 Km.		Dist. 115 Km.
iP 17:31:56.2	May 01 eP 04:56:28.5	
eS 32:22	1965 eS 51.5	
Dist. 238 Km.	Small	
	Dist. 210 Km.	
iP 17:47:03.8	eP 15:43:35.1	
iS 16.0	iS 44:23	
Dist. 102 Km.	Dist. 460 Km.	
eP 19:07:41.5	eP 20:54:26.3	eP 05:08:02
eS 53.8	eS 39.3	eS 09:14.5
Small	Dist. 110 Km.	Dist. 710 Km.
Dist. 103 Km.		Small
eP 20:42:40.2	eP 21:05:14.7	eP 05:17:46
iS 53.1	eS 27.6	eS 18:41.5
Dist. 110 Km.	Dist. 110 Km.	Small
		Dist. 540 Km.

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PROVISIONAL READINGS AT PELDEHUE.

May 01 eP 09:13:39.5	May.02 eP 05:50:49.5	May 02 eP 09:56:46.5
1965 iS 14:10	1965 e 53:51	1965 iS 55.6
Dist. 285 Km.	eS 54:(12)	Small
	Dist. about 18.5°	Dist. 71 Km.
eP 13:23:53.7	eP 08:41:39.5	eP 12:48:09.4
e 24:06	eS 42:05.6	eS 31.5
eS 16.8	Small	Dist. 200 Km.
Dist. 210 Km.	Dist. 240 Km.	
eP 22:57:11	eP 09:14:19	
eS 21.3	e 30	
Dist. 83 Km.	eS 15:(46)	
Small	Dist. about 860 Km.	
02 eP 04:18:27.5		
eS 50		
Small		
Dist. 205 Km.		

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO.

33° 26' 40" S 70° 38' 54" W h=581 mts.

Apr.16 eP 22:55:05.9	Apr.22 eP 19:00:(03)	May.03 iP 01:09:35
1965 eS 33.8	1965 eS 14	1965 iS 50
Dist. 260 Km.	Dist. 90 Km.	Dist. 130 Km.
		FELT III AT STGO.
20 eP 14:40:17.4	27 eP 13:41:57.2	
eS 35.4		
Dist. 160 Km.		

H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h=73 mts.

Apr,18 eP 09:44:37	Apr.18 eP 12:47:15
1965 eS 49:07	1965 eS 51:44
eR 51:17	eR 54:09
Dist. 26°	Dist. 26°

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Apr.14 eP 12:49:24	Apr.16 eP 11:02:44	Apr.18 eP 22:20:50.5
1965 iS 30	1965 eS 54	1965 eS 21:16
Dist. 50 Km.	Dist. 80 Km.	Dist. 215 Km.
16 eP 10:56:40.5	18 eP 21:44:27	20 eP 14:30:37.5
iS 54	eS 51.5	eS 52.5
Dist. 110 Km.	Dist. 205 Km.	Dist. 120 Km.
		22 eP 15:25:00
		eS 16
		Dist 140 Km.
		A. Sickinger
		Seismologist.

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PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 mts.

Apr.17 eP 12:31:01	Apr.22 eP 16:47:36	Apr.27 eP 13:42:06
1965 eS 13	1965 eS 44	1965 eS 27
Dist. 95 Km.	Dist. 65 Km.	Dist. 170 Km.
19 eP 07:45:48	25 eP 06:52:58	28 eP 14:30:44
eS 46:02	eS 53:22	eS 31:02
Dist. 110 Km.	Dist. 190 Km.	Dist. 145 Km.
20 eP 05:23:05		
eS 19		
Dist. 110 Km.		

 L. Cabello
 Seismologist.

PROVISIONAL READINGS AT PEDRO AGUIRRE CERDA.

62° 52' S 60° 40' W

Mar.15 eP 00:25:13.0	Mar.22 ePg 00:06:00	Mar.28 ePg 16:29:48.7
1965 e 20.1	1965 eiPn 04.1	1965 iSg 50.8
iS 34.6	iSg 12.0	Dist. 20 Km.
Dist. 196 Km.	On time mark	
ePn 23:57:48.5	Dist. about 70 Km.	iPn 16:30:30.4
iSn 58.2		iSn 34.8
Dist. 88 Km.	iPn 00:31:03.2	Dist. 40 Km.
16 iP 00:33:38.1	ePn 05:46:54.1	iP 16:31:30.5
ePn 03:10:22.4	iSn 47:00.0	iPg 20:20:54.7
iSn 37.3	Dist. 58 Km.	iSg 21:05.6
Dist. 128 Km.	On time mark	iSn 10.6
ePn 14:49:33.1	23 ePn 00:04:23.7	Dist. 90 Km.
iSn 44.6	iPg 35.5	ePg 20:58:29.7
Dist. 106 Km.	Doubtful interpretation?	iSg 34.1
iP 17:39:22.3	iP 05:06:47.3	Dist. 42 Km.
ePg 21:53:09.5	iPg 23:55:44.3	iP 21:09:48.2
iSg 12.0	iSg 46.7	29 iP 17:20:05.7
Dist. 20 Km.	Dist. 20 Km.	iP 17:50:57.9
iP 22:37:08.6	24 iPn 12:41:10.2	ePn 22:45:13.0
17 ePg 00:13:21.8	iSn 18.7	iSn 25.7
iSg 28.1	Dist. 78 Km.	Dist. 110 Km.
Dist. 60 Km.	iP 21:56:18.0	iP 23:16:38.7
e 11:75:44.8	27 (P) 01:36:03.5	30 iP 00:13:38
20 iPn 06:35:08.9	iP 09:40:59.1	eP 16:15:38.2
iSn 20.8	28 i(P) 06:03:54.4	e(S) 54.0
Dist. 100 Km.	ePn 06:15:53.3	ePn 17:30:52.0
iPg 13:23:45.4	iSn 16:00.0	iSn 31:05.3
iSg 53.1	Dist. 68 Km.	Dist. 115 Km.
Dist. 65 Km.	On time mark	
iP 13:40:45.3	i(P) 08:40:48.8	

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PROVISIONAL READINGS AT PEDRO AGUIRRE CERDA.

Mar.30	iPn	18:48:27.0	Mar.30	ePn	21:09:00.0	Mar.31	iP	21:49:15.5
1965	i	35.6		iSn	06.6	1965		
	iSn	43.2		Dist.	50 Km.		ePn	23:59:48.7
	Dist.	132 Km.					iSn	24:00:00.0
				ePg	22:45:56.5		Dist.	95 Km.
							On time mark.	

A. Concha
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

Apr.27	eP	20:15:15	Apr.28	e(P)	20:40:47.8	Apr.29	eP	06:15:00.2
1965	ePP	16:05	1965	iS	53.1	1965	eS	37.4
	eS	20:07		Small local			Compression	
	eR	22:57					Dist.	335 Km.
	Dist.	31°	29	iP	04:35:41.1		e(P)	09:48:50.3
				iS	47.5		eS	49:30.5
28	iP	09:45:59.9		Compression			e(PKP)	11:38:49.9
	i(S)	46:17		Dist.	40 Km.		Dilatation.	
	Compression from SSW							

J. Frez
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

IMPRESO AEREO



HACIO
MAYO
15
ESTADOS

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S - 70° 41' 07" W h = 690 mts.

May.02 eP 21:16:29.5	May.03 eP 17:11:25	May.04 eP 20:33:35.6
1965 eS 17:31.5	1965 e 12:46	1965 eS 34:02.5
Dist. 300 Km.	eS 13:07	Dist. 250 Km.
	Dist. 9°	
03 eP 00:11:44	eP 18:53:47.3	eP 21:34:39
iS 57.5	iS 54:12.5	eS 35:30.6
Dist. 115 Km.	Dist. 230 Km.	Dist. 496 Km.
eP 00:25:24.5	eP 19:20:11	eP 23:04:58.2
eS 26:01	eS 22:(35)	eS 05:17.3
Dist. 345 Km.	Dist. about 14°	Dist. 171 Km.
iP 01:09:50	iP 20:15:34.3	eP 23:43:10.6
FELT	iS 46.4	eS 21.7
Dilatation from NE	Dilatation from N	Compression
iP 03:59:16.2	PZ=0.4 sec; 0,43 u	Dist. 91 Km.
iS 42	Dist. 100 Km.	
Dilatation from NW	iP 20:38:18.2	05 eP 00:14:40.1
Dist. 240 Km.	eS 36	iS 15:01.7
eP 10:10:28	Small	Dilatation
eS 17:40	Dist. 160 Km.	Dist. 176 Km.
e(SS) 21:48	eP 22:14:31.6	eP 00:27:05.2
eG 22:14	eS 15:50	eS 17.6
eR 25:09	Dist. 765 Km.	Dist. 104 Km.
Dist. 52°		
iP 10:38:29	04 iP 03:11:42.3	eP 05:53:13
iS 41	iS 54.6	iS 38.5
Compression from NE	Dilatation	Dist. 215 Km.
Dist. 100 Km.	Dist. 103 Km.	eP 07:57:20
eP 12:18:32.6	eP 08:13:36.6	iS 29.7
iS 41	eS 53.6	Dist. 57 Km.
Small	Small	eP 09:18:25
Dist. 64 Km.	Dist. 150 Km.	
ePn 12:53:33	eP 10:57:13	eP 16:18:34.1
eP ³ 51	eS 58:21	eS 54.4
eSn 54:56	Dist. 660 Km.	Dist. 183 Km.
iS ³ 55:19	eP 11:21:13	eP 17:22:49.1
Dist. 800 Km.	eS 21	eS 23:11.4
ePn 13:37:32.3	Small local	Dist. 203 Km.
eP ³ 41	Dist. 60 Km.	eP 17:55:24.8
ePg 51	iP 17:50:26.9	eS 43.9
iSn 38:22.4	iS 38.3	Dist. 171 Km.
Dist. 460 Km.	Compression	eP 23:20:25.5
ePn 16:11:15.5	Dist. 95 Km.	iS 46.8
ePg 34	eP 19:08:55.2	Dist. 193 Km.
eSn 12:08	e 10:24	
eSg 29.5		
Dist. 490 Km.		

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PROVISIONAL READINGS AT PELDEHUE.

May.06	eP	02:27:09	May.08	iP	04:38:45.2	May.10	eP	07:17:05	
1965	eS	29:(27)	1965	iS	39:02.2	1965	eS	25	
		Dist. about 13°			Dist. 150 Km.		Small		
							Dist. 180 Km.		
	iP	18:57:28.6		eP	05:47:28.8		eP	08:38:58	
	iS	41.6		iS	59.4		eS	42:(56)	
	Dilatation			Dist. 286 Km.			Dist. about 22°		
	Dist. 110 Km.			iP	07:21:15.1		eP	09:15:48.5	
	eP	20:02:42		iS	27.9		eS	16:22	
	eS	03:07		Dilatation from NW			Dist. 315 Km.		
	Dist. 230 Km.			Dist. 108 Km.					
	Small			iP	11:34:13.4		iP	13:22:00.3	
07	eP	03:44:22.7		i	18.4		iS	13.5	
	iS	44.5		iS	35:12.4		Small		
	Small			Dist. 570 Km.			Dist. 112 Km.		
	Dist. 200 Km.			Compression					
	eP	11:23:51		eP	13:52:08		iP	15:53:30.7	
	eS	24:02		eS	42		iS	42.9	
	Dist. 90 Km.			Small			Compression		
				Dist. 320 Km.			Dist. 102 Km.		
	eP	12:15:50.5		eP	21:58:52		iP	19:25:23.8	
	iS	16:14		eS	59:28		iS	41.5	
	Dist. 220 Km.			Dist. 340 Km.			Compression from N		
	eP	13:09:27					PZ=0.2 sec. 0.45 u		
							Dist. 157 Km.		
	eP	20:55:46.4	09	eP	04:36:34.8		eP	20:19:48	
	eS	56:36.2		iS	47.5		iS	20:03.0	
	Dist. 480 Km.			Small			Dist. 130 Km.		
				Dist. 107 Km.					
	eP	23:58:46.5		eP	15:06:59		11	eP	05:47:07
	e	52		iS	07:29.5		eS	22	
	e	59:33		Dist. 285 Km.			Small		
	iS	00:01:22.5					Dist. 130 Km.		
	Dist. 14.1°			iP	15:17:36.2				
08	iP	00:42:47.5		iS	54.0		iP	05:56:22.2	
	iS	43:09.7		Compression			iS	34.3	
	Dist. 202 Km.			Dist. 158 Km.			Dilatation from N		
	iP	01:19:02.7					PZ=0.3 sec.; 0.42 u		
	e	21.5		eP	22:42:45.5		Dist. 101 Km.		
	eS	42.7		iS	59.9				
	Dist. 380 Km.			Small			eP	06:50:00.5	
				Dist. 124 Km.			eS	16.5	
	iP	02:31:26.3	10	eP	01:33:22.5		Small		
	iS	38.5		eS	51.5		Dist. 140 Km.		
	Compression			Small					
	Dist. 102 Km.			Dist. 270 Km.			eP	10:43:02.5	
							eS	33	
	iP	02:38:33.9		eP	05:19:18		Small		
	iS	46.0		eS	20:50		Dist. 285 Km.		
	Dist. 101 Km.			Dist. 900 Km.					
							eP	12:30:06.5	
							eS	30.5	
							Small		
							Dist. 220 Km.		

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PROVISIONAL READINGS AT PELDEHUE.

May.11 eP 13:45:10.8	May.11 eP 17:56:01	May.12 eP 05:37:13
1965 eS 24	1965 eS 25.8	1965 eS 56
Small	Small	Dist. 410 Km.
Dist. 112 Km.	Dist. 228 Km.	eP 06:44:08
eP 14:27:41.8	eP 19:49:42	eS 31.5
eS 28:00.5	iS 55	Small
Small	Small	Dist. 215 Km.
Dist. 167 Km.	Dist. 110 Km.	eP 08:33:08
eP 15:47:23.5	eP 23:57:54	eS 42
eS 45.5	eS 58:23	Dist. 320 Km.
Small	Small	eP 10:52:43
Dist. 200 Km.	Dist. 270 Km.	e(S) 56:10
eP 17:54:36	12 iP 03:43:40.3	eP 12:12:25.5
eS 59	eS 51.4	eS 13:26
Small	Compression	Dist. 585 Km.
Dist. 210 Km.	Small	eP 14:51:35
	Dist. 91 Km.	eS 52:04
	E. Lorca	Dist. 270 Km.
	Seismologist.	

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h = 73 mts.

Apr.29 eP 15:57:00	H. Becker Seismologist.
1965 e(S) 16:13:40	
eR 21:52	

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h = 384 mts.

Apr.30 eS 19:47:18	May.03 iP 16:10:07	May.08 eP 01:18:53
1965 eS	1965 eS 43	1965 eS 19:19
May.01 eP 05:49:47	Dist. 315 Km.	Dist. 215 Km.
eS 51:20	eP 17:10:08	iP 11:33:18
Dist. 890 Km.	eS 21	eS 31
eP 09:13:25	Dist. 105 Km.	Dist. 105 Km.
eS 38	eP 22:13:37	12 eP 12:11:29
Dist. 105 Km.	eS 50	eS 39
03 iP 01:10:48	Dist. 105 Km.	Dist. 80 Km.
eS 11:44	06 eP 02:25:02	eP 19:37:14
Dist. 520 Km.	eS 31	eS 38:29
iP 12:52:15	Dist. 250 Km.	Dist. 700 Km.
iS 28	07 eP 23:57:37	13 eP 01:37:04
Dist. 105 Km.	eS 58:34	eS 22
e(P) 13:37:24	Dist. 525 Km.	Dist. 145 Km.
eP 15:52:20	L. Cabello	eP 02:25:43
eS 26	Seismologist.	eS 27:34
Dist. 50 Km.		Dist. 9.1°

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PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Apr.27 1965	eP 00:28:(00)	Apr.27 1965	e(P) 20:25:(-)	May.03 1965	eP 01:10:40
	eS 21		Teleseism?		eS 11:36.5
	Dist. about 190 Km.				Dist. 545 Km.
	iP 15:42:52	29	eP 07:07:27	08	e(P) 07:22:51
	iS 43:05.5		eS 08:06		eP 11:36:(37)
	FELT		Dist. 370 Km.		eS 37:(25)
	Dist. 115 Km.	May.02 1965	eP 22:52:19		Doubtful interpretation
			iS 23		
			FELT		
			Dist. 20 Km.		A. Sickinger Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

Apr.29 1965	iP 13:38:29.5	Apr.30 1965	eP 07:14:50.3	May.02 1965	e(P) 09:14:06
	iS 39:09		eS 24.5		e(S) 50
	Compression		Dist. 310 Km.		
	iP 15:41:13.2		eP 21:15:22.5		iP 09:20:38.8
	ipP 32.9		eS 47.5		iS 21:22.0
	ePP 44:47		Dist. 210 Km.		Dist. 390 Km.
	eSKS 51:31		iP 23:47:08.6		iP 18:24:44.2
	iS 36		eS 49.7		iS 54.9
	iPS 52:35		Dilatation		Dist. 80 Km.
	SS 57:33		Dist. 360 Km.		Dilatation
	LQ 16:07:26	May.01	eP 05:17:56.5		iP 20:58:20.6
	LR 13:11		eS 18:36		iS 40.6
	Dist. 90°		Dist. 360 Km.		Dist. 180 Km.
	iP 16:07:49.2		iPKP 13:32:28.6	03	iP 00:13:56.5
	iPKP 16:10:02		iP 15:49:08.0		eS 14:48
	iP 16:50:34.5		iS 50.4		Dilatation
	iS 55.5		Dilatation		Dist. 500 Km.
	Compression		Dist. 390 Km.		eP 00:34:57.4
	Dist. 170 Km.		e(P) 18:21:42		iS 35:23.6
	eP 17:28:32		iS 59.5		Dist. about 240 Km.
	eS 29:06		Dist. 140 Km.		eP 00:41:54.4
	Dist. 300 Km.		iP 18:52:39.3		iS 42:24.0
	eP 19:36:47		eS 53:25.2		Dist. about 280 Km.
	iS 37:16.6		Compression		iP 01:11:33
	Dist. 250 Km.		Dist. 460 Km.		iS 13:05
	iP 19:46:04.2		eP 21:36:12.0		Dist. about 910 Km.
	eS 49		eS 49.5		Compression from SW
	Dilatation		Dist. 340 Km.		eP 02:46:01.9
	Dist. 410 Km.		iP 22:07:24.1		eS 22.5
	eP 23:50:38.9		i(S) 32.0		Dist. about 300 Km.
	eS 51:04	02	ePn 05:48:43.5		eP 06:54:59.8
	Dist. 80 Km.		iPg 48.5		eS 55:24.5
30	iP 01:16:23.6		iS 49:37		Dist. about 200 Km.
	eS 17:09.0		Dist. 560 Km.		eP 10:09:28
	Dist. 410 Km.		Strong (L P)		ePP 11:06
	eP 03:40:51		iP 06:15:17.9		iS 15:45
	iS 41:09.0		eS 39		eSS 19:06
	Dist. 150 Km.		Dist. 190 Km.		LR 20:18
					Dist. 45°

G. Saa
Seismologist.

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May 1965



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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Date	Time	Phase	Amplitude	Distance	Date	Time	Phase	Amplitude	Distance	Date	Time	Phase	Amplitude	Distance
May 12 1965	19:04:02	eP			May 15 1965	08:11:34.2	iP			May 17	17:11:06.5	eP		
		eS	31.6				iS	48.6				iS	18.9	
		Small		276 Km.			Compression from NE		124 Km.			Dist. 104 Km.		
	19:38:20.7	eP				11:23:17	eP				17:39:29	ePKP		
		i(PP)	25				Small					eSEKS	48:20	
		iS	40:42.4			13:08:09.5	eP					eSP	51:50	
		Dist.	13°				eS	42				Mo e phases unreadable		
13	01:38:19.5	eP				23:28:22	eP		305 Km.		20:16:39.5	eP		395 Km.
		e	40:09.5				eS	29:32				eS	17:21	
		e(S)	25			Dist.	680 Km.					iP	21:03:39.7	
	02:26:32.3	iP										iS	55.9	
		eS	29:06			23:37:06.5	eP					Dist.	152 Km.	
		Compression					eS	15.6				eP	23:02:21	
		Dist.	14°				Small local					eS	33.8	
	08:07:04.3	iP				Dist.	71 Km.					Small		
		iS	16.0			16	11:55:27	eP				Dist.	108 Km.	
		Dilatation from E?					Teleseism?					eP	23:17:42	
		Dist.	97 Km.									eS	59.5	
	10:14:01.7	iP				12:14:16	eP					Dist.	155 Km.	
		iS	14.4				iS	28.8				18	04:37:35.7	iP
		Small					Small local						iS	50.8
		Dist.	107 Km.				Dist.	108 Km.					Compression	
	19:26:42.3	iP				12:53:51.1	iP						PZ=0.5 sec.; 0.59 u	
		iS	57.0				iS	54:01.3					Dist.	131 Km.
		Compression					Compression from NW						ePKP	08:33:53.5
		Dist.	127 Km.				Dist.	92 Km.					eP	12:39:02.5
	21:04:40.5	eP				16:11:57.1	eP						e	35.5
		eS	06:14				iS	12:10.0					e(S)	40:12.5
		Dist.	8.3°				Small local						Dist.	255 Km.
	22:41:32.5	eP				Dist.	109 Km.						eP	14:40:24.5
		eS	55.3										eS	52
		Small											Small	
		Dist.	208 Km.										Dist.	271 Km.
14	03:58:52.3	eP			17	06:12:26.0	iP						iP	15:26:55.6
		eS	59:30.9				iS	48.0					iS	27:10
		Dist.	366 Km.				Dilatation						Dilatation	
							Dist.	200 Km.					PZ=0.6 sec.; 0.83 u	
	10:45:38.4	e(P)											Dist.	124 Km.
	17:54:33.7	iP				13:28:(20)	eP						eP	16:38:55
		iS	48.2				eS	43.5					eS	41:(17)
		Dilatation					Small						Dist.	about 14°
		Dist.	125 Km.				Dist.	about 215 Km.						
	20:15:57	eP				16:42:26.6	iP						eP	17:20:19.7
		iS	16:44				iS	39.3					iS	48.8
		Dist.	450 Km.				Compression						Dist.	271 Km.
							Dist.	107 Km.						

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PROVISIONAL READINGS AT PELDEHUE.

May 18 eP 19:11:06	May 24 eP 02:19:47	May 25 eP 16:26:02.9
1965 iS 36.4	1965 iS 20:06.2	1965 e 43
Dist. 284 Km.	Small	iS 29:33.5
iP 19:34:31.7	Dist. 172 Km.	Dilatation from N
iS 47.5	eP 11:40:22	PZ=1.3 sec.; 0.4 u
Compression	eS 56.5	Dist. 19°
Dist. 138 Km.	Dist. 325 Km.	eP 17:40:41
ePKP 23:06:17	eP 13:39:(10)	eS 41:38.7
Power failure, no	eS 40:22	Dist. 560 km.
record 19-V-65	Dist. about 700 Km.	eP 23:04:37.3
20, 21 and 22 until	eP 14:04:21.5	eS 05:33
11:51.	eS 05:36	Dist. 540 Km.
	Dist. 725 Km.	
22 eP 14:54:14.5	eP 20:19:01	26 eP 09:04:24.6
iS 30.6	Small	iS 46.0
Dist. 141 Km.		Dist. 194 Km.
eP 15:15:41	eIP 20:33:30.2	eP 12:46:50
eS 54	iS 48.7	eS 47:30.2
Dist. 110 Km.	Dist. 165 Km.	Dist. 382 Km.
Small	ePKP 23:41:04	eP 14:07:30
23 eP 04:24:50	e(pPKP) 16.5	eS 58
eS 25:15	eR 00:35:--	Small
Dist. 230 Km.		Dist. 260 Km.
eP 04:25:(41)	25 iP 01:33:12.8	eP 16:35:38
iS 56.6	e 30	eS 57
Small	iS 38.5	Small
Superimposed to precedent	Dilatation from N	Dist. 170 Km.
shock.	Dist. 237 Km.	eP 19:10:11.2
Dist. about 136 Km.	eP 07:20:07.5	iS 30.7
eP 06:31:10	iS 21.8	Dist. 175 Km.
iS 46.8	Small	eP 19:51:08
Dist. 348 Km.	Dist. 123 Km.	eS 56:48
eP 14:05:45.5	eP 07:31:35	eSSS 59:40
i 48.6	eS 32:22	Dist. 36°
iS 06:25.3	Dist. 450 Km.	
Dist. 378 Km.	iP 08:07:36.0	eP 21:01:20
eP 15:10:26	iS 49.0	eS 02:01
iS 40.8	Dist. 110 Km.	Small
Small	eP 08:50:31	Dist. 390 Km.
Dist. 128 Km.	eS 40	eP 21:09:32.6
eP 15:39:33.3	Small	iS 45.5
e(S) 38	Dist. 70 Km.	Dilatation
Small	eP 10:42:15	Dist. 109 Km.
e(PKP) 20:08:39	eS 44:(04)	eP 21:56:45
eP 23:24:01	Dist. about 10°	eS 57
iS 39.8	e(P) 12:39:35.5	Small
Small	eP 13:24:01	Dist. 100 Km.
Dist. 368 Km.	eS 19	eP 23:11:29.5
	Small	iS 48.5
	Dist. 160 Km.	Small
		Dist. 170 Km.

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PROVISIONAL READINGS AT PELDEHUE

May 27 eP 00:24:13.3
1965 iS 25.4
Dist. 101 Km.

May 27 eP 12:21:10.5
1965 eS 22:59
Dist. 10°

May 27 eP 20:35:33.9
1965 iS 36:05.5
Dist. 296 Km.

eP 08:12:02.5
eS 13:25
Dist. 800 Km.

eP 16:39:35
iS 55
Small
Dist. 180 Km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

May 18 eP 04:37:28
1965 eS 38.9
Dist. 90 Km.

May 18 eP 15:26:56.2
1965 eS 27:13
Dist. 148 Km.

May 28 eP 12:57:49.2
1965 eS 59.4
Dist. 82 Km.

H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h=73 mts.

May 14 eP 21:12:17.8
1965 eS 51
Dist. 312 Km.

May 20 eP 00:53:54
1965 ePP 56:52
ePPP 58:14
eSP 01:04:08
eSSS 11:08
eG 12:28
eR 25:40
Dist. 72°

17 ePKP 17:39:12
e 43:10
eL 18:32:--

H. Becker
Seismologist.

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 mts.

May 14 eP 20:15:36
1965 eS 47
Dist. 90 Km.

May 19 eP 22:03:41
1965 eS 53
Dist. 95 Km.

May 25 eP 16:14:52
1965 eS 16:43
Dist. 1030 Km.

15 eP 23:27:37
eS 45
Dist. 65 Km.

24 eP 17:38:13
eS 27
Dist. 110 Km.

eP 23:21:19
eS 26
Dist. 55 Km.

16 eP 18:40:23
eS 31
Dist. 65 Km.

eP 18:44:29
eS 37
Dist. 65 Km.

18 eP 16:37:48
eS 38:28
Dist. 355 Km.

25 eP 10:40:43
eS 54
Dist. 90 Km.

L. Cabello
Seismologist

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PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

May 13 eP 21:03:49.5	May 17 iP 18:08:28	May 19 eP 19:43:25.5
1965 eS 04:13.5	1965 iS 33.5	1965 eS 45
Dist. 220 Km.	FELT II Dist. 45 Km.	Dist. 156 Km.

A. Sickinger
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

May 03 iP 12:52:45.8 1965 iS 53:26 Compression from SW Dist. 420 Km. e(P) 13:38:08 eS 39:44 eP 15:52:40.5 iS 53:20.5 Dist. 420 Km. iP 16:09:47.9 eS 10:14 Compression from WSW Dist. 220 Km. iP 17:10:37.3 iS 11:17.5 Compression from SW Dist. 420 Km. iP 19:18:05.5 eS 28.7 Compression from SE Dist. 190 Km.	May 05 iP 05:14:05.5 1965 iS 42.5 Compression Dist. 350 Km. iP 09:16:31.8 iS 18:27 Compression Dist. 11° iP 10:25:21.9 iS 26:00.5 Compression Dist. 360 Km. eP 14:45:02.2 eS 39.4 Dist. 330 Km. 06 iP 02:25:52.1 i(S) 26:17.5 Dilatation from ESE iP 19:13:41.6 iS 53.5 Compression Dist. 100 Km. eP 23:45:41.7 eS 46:48 Dist. about 320 Km.	May 07 e(P) 21:44:03.7 1965 i 05.0 i(S) 26.4 i 37 Dilatation Two shocks? iP 23:56:51.9 i 53.1 iS 57:19 Compression PZ=0.9 sec.; 0.17 u Dist. about 240 Km. 08 e(P) 01:04:34 e(S) 05:38 iP 06:33:28.5 iS 34:08.7 Compression from ESE Dist. 360 Km. e(P) 07:23:18.5 local eP 11:34:00.3 i 00.8 local Compression iP 20:05:21.6 iS 28.0 Compression from ENE Dist. 50 Km.
04 ePKP 08:54:31 iP 09:38:52.6 eS 39:32 Compression Dist. 410 Km. iP 12:12:31.8 eS 13:54.5 Dilatation Dist. 180 Km.	07 eP 05:20:47.3 e(S) 21:14 Dilatation eP 07:14:30.3 iS 46.5 Dist. 140 Km.	09 eP 01:53:15.7 eS 55.5 Dist. 360 Km. eP 04:05:44.6 eS 06:23.0 Dist. 350 Km. eP 18:57:27.5 eS 58:02.5 Dist. 310 Km.
05 iP 00:55:18.1 iS 31.5 Compression Dist. 90 Km. eP 03:01:33.6 e(S) 58	iP 17:22:39.1 eS 23:02.0 dilatation Dist. 200 Km.	

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PROVISIONAL READINGS AT ANTOFAGASTA

May 09 iPKP	20:03:45.5	May 10 e(P)	03:01:51.6	May 10 iP	08:36:50.9
1965 Compression		1965 eS	02:14.0	1965 e(S)	37:57.5
				Compression from N	
eP	22:13:13	iP	04:54:29.8	PZ=0.11 u; 0.6 sec.	
eS	32	iS	55:05.0		
Dist. about 170 Km.		Compression from E			
		Dist. 310 Km.			
10 eP	02:17:12.4				
eS	48.0				
Dist. 310 Km.					

J. Fre
Seismologist

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

Chile

PELDEHUE May June 1965



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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

May 28 1965	eP 00:36:43 eS 37:23 Dist. 380Kmt.	May 29 1965	eP 23:42:09 eS 34 Small Dist. 230 Km.	Jun.01 1965	eP 15:19:04 eS 20:07 Small Dist. 610 Km.
	eP 04:13:40.5 eS 14:01 Small Dist. 185 Km.	30	eP 03:10:39.5 eS 11:01 Small Dist. 195 Km.		eP 18:57:54 eS 59:(19) Dist. about 835 Km.
	iP 12:57:34.1 iS 42 Dilatation from NE Dist. 60 Km.		eP 12:21:31.5 iS 51.2 Small Dist. 177 Km.		iP 19:28:56.6 iS 29:01.4 Compression Dist. 28 Km.
29	eP 01:24:50 eS 25:19.3 Small Dist. 173 Km.	31	eP 02:16:35.5 eS 17:07.8 Small Dist. 300 Km.	02	iP 02:06:52.0 iS 08:28 Compression FELT Dist. 940 Km.
	eP 01:46:57 eS 48:(23) Dist. about 850 Km.		e 02:24:39.5		iP 02:33:53.5 iS 34:05.0 Dilatation from NE Dist. 95 Km.
	eP 04:55:35 iS 48.0 Small Dist. 111 Km.		eP 05:41:39 e(S) 42:42		iP 02:40:52.2 eS 41:04 Small Dist. 98 Km.
	eP 05:48:08 eS 49:41 Small Dist. 920 Km.		e(P) 08:57:56.5		eP 06:52:45 eS 53:12.2 Dist. 252 Km.
	eP 11:24:40.5 eS 26:16 Dist. 945 Km.		eP 11:57:(36) e(S) 47 e 12:01:10		eP 15:47:35.4 iS 47.8 Dist. 104 Km.
	iP 14:11:30.5 iS 44 Small Dist. 115 Km.		eP 13:02:48.5 iS 03:08.5 Small Dist. 180 Km.		eP 21:29:55.2 eS 30:24.5 Small Dist. 273 Km.
	eP 15:56:58.5 eS 57:25 Dist. 245 Km.		eP 15:30:55.5 eS 32:21.6 Dist. 240 Km.		eP 23:49:45.4 eS 57:20 e 00:08:10 e(R) 11:34 Dist. 54°
	eS 15:58:57		eP 15:40:(00) eS 41:32 Dist. about 300 Km.	03	iP 11:03:03.5 iS 17.6 Compression from NE Dist. 121 Km.
	eP 16:21:03 iS 17.7 Small Dist. 127 Km.	Jun.01 1965	eP 15:42:13 eS 43 Dist. 280 Km.		eP 11:06:11
	eP 23:25:34 eS 55.5 Small Dist. 195 Km.		eP 01:26:13.6 iS 29,9 Dist. 113 Km.		
			eP 08:59:11.4 iS 24.3 Small Dist. 109 Km.		

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 PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA
 (DECEPTION ISLAND)

62° 52' S 60° 40' W

Apr. 16 1965	iP 10:51:21.2 iS 50.4 Distance 270 Km.	Apr. 18 1965	iPg 23:58:15.0 i(Sg) 18.7 i 59:11.9	Apr. 29 1965	iP 11:59:-- On Hour mark
	iP 12:08:10.2	19	ePg 00:03:25.5 i(Sg) 26.6 i 05:24.3		iP 22:19:06.2 i(S) 33.3 i 21:09.8 i 23:10.2
	ePg 12:22:02.3 iSg 05.1 Dist. 15 Km.		ePn 07:14:25.2 iSn 40.4 Dist. 110 Km.		iP 23:56:54.7
	iP 14:21:47.6		iPg 13:32:18.6 iSg 21.7 Dist. 20 Km.	30	iP 00:02:27.7
	iP 17:58:40.9		iP 15:29:36.6		iP 01:30:50.5
	iP 18:50:50.8		iP 18:55:27.2		iP 06:01:07.1
	iP 22:04:04.5		iP 19:03:33.7		ePg 14:12:11.8 i(Sg) 20.5 i 14:16.9 i 17:32.0
	ePg 22:12:26.2 iSg 33.1 Dist. 52 Km.		iP 19:17:13.8		ePg 14:33:41.7 iSg 42.8 local
	iP 22:24:11.6		20 aI 25 No Record		ePg 14:48:07.9 iSg 08.6 local
	ePg 23:07:50.0 i(Sg) 50.6 i 09:17.3	26	ePn 00:40:04.0 iSn 18.3 Dist. 103 Km.		iPn 15:03:54.0 iSn 04:08.7 Dist. 110 Km.
17	eP 21:07:39.4		ePg 01:37:37.0 iSg 39.1 Dist. 20 Km.		ePg 15:05:30.7 iSg 32.4 local
	iP 22:22:19.4		ePn 13:52:02.3 iSn 11.5 Dist. 50 Km.		May. 08 1965
	ePn 22:35:27.5 iSn 35.3 Dist. 38 Km.		iP 14:56:25.1		ePg 16:05:(00) iSg 03.4 On minute mark
	iP 22:53:45.0		iPn 23:56:53.7 iSn 57:15.6 Dist. 180 Km.		iP 17:50:23
	iP 22:59:24.6		27		iPg 21:26:06.3 iSg 17.4 Dist. 95 Km.
18	eiPg 15:45:18.4 iSg 19.9 local		iP 11:29:47.2		iP 22:20:08.0
	ePg 21:34:40.4 iSg 41.8 local		iP 16:15:11.9		09
	iP 21:59:31.6		28		iPg 23:01:25.4 iSg 37.0 Dist. 95 Km.
	ePg 22:30:12.0 i(Sg) 13.9 i 32:22.2		iP 23:58:00.0 i 59:31.4 On minute mark		10
	iPn 23:05:29.0 i 34.4		29		iPg 14:00:27.2 iSg 36.0 Dist. 75 Km.
			iP 01:29:50.2		
			iP 05:50:02.4		

Chile

PELDEHUE May June

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

May 28 eP 00:36:43	May 29 eP 23:42:09	Jun.01 eP 15:19:04
1965 eS 37:23	1965 eS 34	1965 eS 20:07
Dist. 380Kmt.	Small	Small
	Dist. 230 Km.	Dist. 610 Km.
eP 04:13:40.5		eP 18:57:54
eS 14:01	30 eP 03:10:39.5	eS 59:(19)
Small	eS 11:01	Dist. about 835 Km.
Dist. 185 Km.	Small	
	Dist. 195 Km.	iP 19:28:56.6
iP 12:57:34.1	eP 12:21:31.5	iS 29:01.4
iS 42	iS 51.2	Compression
Dilatation from NE	Small	Dist. 28 Km.
Dist. 60 Km.	Dist. 177 Km.	
29 eP 01:24:50	31 eP 02:16:35.5	02 iP 02:06:52.0
eS 25:19.3	eS 17:07.8	iS 08:28
Small	Small	Compression
Dist. 173 Km.	Dist. 300 Km.	FELT
		Dist. 940 Km.
eP 01:46:57	e 02:24:39.5	iP 02:33:53.5
eS 48:(23)	eP 05:41:39	iS 34:05.0
Dist. about 850 Km.	e(S) 42:42	Dilatation from NE
		Dist. 95 Km.
eP 04:55:35	e(P) 08:57:56.5	iP 02:40:52.2
iS 48.0	eP 11:57:(36)	eS 41:04
Small	e(S) 47	Small
Dist. 111 Km.	e 12:01:10	Dist. 98 Km.
eP 05:48:08	eP 13:02:48.5	eP 06:52:45
eS 49:41	iS 03:08.5	eS 53:12.2
Small	Small	Dist. 252 Km.
Dist. 920 Km.	Dist. 180 Km.	eP 15:47:35.4
eP 11:24:40.5	eP 15:30:55.5	iS 47.8
eS 26:16	eS 32:21.6	Dist. 104 Km.
Dist. 945 Km.	Dist. 240 Km.	eP 21:29:55.2
iP 14:11:30.5	eP 15:40:(00)	eS 30:24.5
iS 44	eS 41:32	Small
Small	Dist. about 300 Km.	Dist. 273 Km.
Dist. 115 Km.	eP 15:42:13	eP 23:49:45.4
eP 15:56:58.5	eS 43	eS 57:20
eS 57:25	Dist. 280 Km.	e 00:08:10
Dist. 245 Km.		e(R) 11:34
eS 15:58:57	Jun.01 eP 01:26:13.6	Dist. 54°
	1965 iS 29,9	03 iP 11:03:03.5
eP 16:21:03	Dist. 113 Km.	iS 17.6
iS 17.7		Compression from NE
Small	eP 08:59:11.4	Dist. 121 Km.
Dist. 127 Km.	iS 24.3	
eP 23:25:34	Small	eP 11:06:11
eS 55.5	Dist. 109 Km.	
Small		
Dist. 195 Km.		

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA
 (DECEPTION ISLAND)

62° 52' S 60° 40' W

Apr.16	iP	10:51:21.2	Apr.18	iPg	23:58:15.0	Apr.29	iP	11:59:--	
1965	iS	50.4	1965	i(Sg)	18.7	1965	On Hour	mark	
	Distance	270 Km.		i	59:11.9				
	iP	12:08:10.2	19	ePg	00:03:25.5		iP	22:19:06.2	
	ePg	12:22:02.3		i(Sg)	26.6		i(S)	33.3	
	iSg	05.1		i	05:24.3		i	21:09.8	
	Dist.	15 Km.		ePn	07:14:25.2		i	23:10.2	
	iP	14:21:47.6		iSn	40.4		iP	23:56:54.7	
	iP	17:58:40.9		Dist.	110 Km.	30	iP	00:02:27.7	
	iP	18:50:50.8		iPg	13:32:18.6		iP	01:30:50.5	
	iP	22:04:04.5		iSg	21.7		iP	06:01:07.1	
	ePg	22:12:26.2		Dist.	20 Km.				
	iSg	33.1		iP	15:29:36.6		ePg	14:12:11.8	
	Dist.	52 Km.		iP	18:55:27.2		i(Sg)	20.5	
	iP	22:24:11.6		iP	19:03:33.7		i	14:16.9	
	ePg	23:07:50.0		iP	19:17:13.8		i	17:32.0	
	i(Sg)	50.6		20	al 25		ePg	14:33:41.7	
	i	09:17.3		No	Record		iSg	42.8	
17	eP	21:07:39.4					local		
	iP	22:22:19.4	26	ePn	00:40:04.0		ePg	14:48:07.9	
	ePn	22:35:27.5		iSn	18.3		iSg	08.6	
	iSn	35.3		Dist.	103 Km.		local		
	Dist.	38 Km.		ePg	01:37:37.0		iPn	15:03:54.0	
	iP	22:53:45.0		iSg	39.1		iSn	04:08.7	
	iP	22:59:24.6		Dist.	20 Km.		Dist.	110 Km.	
18	eiPg	15:45:18.4		ePn	13:52:02.3		ePg	15:05:30.7	
	iSg	19.9		iSn	11.5		iSg	32.4	
	local			Dist.	50 Km.		local		
	ePg	21:34:40.4		iP	14:56:25.1	May.08	ePg	16:05:(00)	
	iSg	41.8		27	iP	1965	iSg	03.4	
	local			iPn	23:56:53.7		On minute	mark	
	iP	21:59:31.6		iSn	57:15.6		iP	17:50:23	
	ePg	22:30:12.0		Dist.	180 Km.				
	i(Sg)	13.9		28	iP		iPg	21:26:06.3	
	i	32:22.2		iP	11:29:47.2		iSg	17.4	
	iPn	23:05:29.0		iP	16:15:11.9		Dist.	95 Km.	
	i	34.4		29	iP		iP	22:20:08.0	
				iP	23:58:00.0				
				i	59:31.4		09	iPg	23:01:25.4
				On minute	mark		iSg	37.0	
				29	iP		Dist.	95 Km.	
				iP	01:29:50.2				
				iP	05:50:02.4		10	iPg	14:00:27.2
							iSg	36.0	
							Dist.	75 Km.	

Chile

Santa Lucia
Copiapo
Concepcion



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PROVISIONAL READINGS AT SANTIAGO.
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h=581 mts.

Jun.02 eP 02:07:(00)	Jun.06 eP 13:31:25	Jun.07 eS 07:35:53.1
1965 eS 08:22	1965 iS 40.5	1965
On time mark	Dist. 135 Km.	09 eP 04:23:57.9
Dist. about 805 Km.	FELT	eS 24:18.6
		Dist. 187 Km.
06 iP 12:32:37	07 eS 00:42:22.9	
iS 46.5		
Dist. 75 Km.		
FELT III-IV AT SANTIAGO		

H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h=73 mts.

May.26 eP 19:49:17
1965 ePP 48,7
eS 53:21.5
esS 32
eSS 54:14
Dist. 24°

H. Becker
Seismologist.

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 mts.

May.29 eP 06:26:26	Jun.02 eP 14:14:07	Jun.03 eP 22:33:53
1965 eS 33	1965 eS 15	1965 eS 34:12
Dist. 55 Km.	Dist. 65 Km.	Dist. 150 Km.
30 eP 18:12:52	03 eP 01:16:51	06 eP 06:11:46
eS 13:01	eS 57	eS 12:33
Dist. 70 Km.	Dist. 50 Km.	Dist. 425 Km.
Jun.01 eP 18:56:31	eP 11:52:23	09 iP 08:04:57
1965 eS 45	eS 55	iS 05:15
Dist. 110 Km.	Dist. 275 Km.	Dist. 145 Km.
		FELT IV AT COPIAPO

L. Cabello
Seismologist.

11 eP 15:20:44
eS 56
Dist. 95 Km.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

May.29 eP 01:46:(03)	May.31 eP 20:34:22.5	Jun.02 eP 02:06:03
1965 Small	1965 eS 26	1965 iS 30
	Small	Dist. 230 Km.
	Dist. 30 Km.	FELT I
30 eP 15:30:05.7	Jun.01 eP 14:00:53	05 eP 16:33:12
iS 07.2	1965 eS 57	eS 30
Small	Small	Dist. 145 Km.
Dist. 15 Km.	Dist. 32 Km.	

A. Sickinger
Seismologist.

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA
(DECEPTION ISLAND)

62° 52' S 60° 40' W

Apr.16 1965	iP	10:51:21.2	Apr.18 1965	iPg	23:58:15.0	Apr.29 1965	iP	11:59:---	
	iS	50.4		i(Sg)	18.7		On Hour	mark	
	Distance	270 Km.		i	59:11.9				
	iP	12:08:10.2	19	ePg	00:03:25.5		iP	22:19:06.2	
	ePg	12:22:02.3		i(Sg)	26.6		i(S)	33.3	
	iSg	05.1		i	05:24.3		i	21:09.8	
	Dist.	15 Km.		ePn	07:14:25.2		i	23:10.2	
	iP	14:21:47.6		iSn	40.4		iP	23:56:54.7	
	iP	17:58:40.9		Dist.	110 Km.	30	iP	00:02:27.7	
	iP	18:50:50.8		iPg	13:32:18.6		iP	01:30:50.5	
	iP	22:04:04.5		iSg	21.7		iP	06:01:07.1	
	ePg	22:12:26.2		Dist.	20 Km.				
	iSg	33.1		iP	15:29:36.6		ePg	14:12:11.8	
	Dist.	52 Km.		iP	18:55:27.2		i(Sg)	20.5	
	iP	22:24:11.6		iP	19:03:33.7		i	14:16.9	
	ePg	23:07:50.0		iP	19:17:13.8		i	17:32.0	
	i(Sg)	50.6		20	aI	25	ePg	14:33:41.7	
	i	09:17.3					iSg	42.8	
							local		
17	eP	21:07:39.4	26	ePn	00:40:04.0		ePg	14:48:07.9	
	iP	22:22:19.4		iSn	18.3		iSg	08.6	
	ePn	22:35:27.5		Dist.	103 Km.		local		
	iSn	35.3		ePg	01:37:37.0		iPn	15:03:54.0	
	Dist.	38 Km.		iSg	39.1		iSn	04:08.7	
	iP	22:53:45.0		Dist.	20 Km.		Dist.	110 Km.	
	iP	22:59:24.6		ePn	13:52:02.3		ePg	15:05:30.7	
18	eiPg	15:45:18.4		iSn	11.5		iSg	32.4	
	iSg	19.9		Dist.	50 Km.		local		
	local			iP	14:56:25.1	May.08 1965	ePg	16:05:(00)	
	ePg	21:34:40.4		iPn	23:56:53.7		iSg	03.4	
	iSg	41.8		iSn	57:15.6		On minute	mark	
	local			Dist.	180 Km.				
	iP	21:59:31.6	27	iP	11:29:47.2		iP	17:50:23	
	ePg	22:30:12.0		iP	16:15:11.9		iPg	21:26:06.3	
	i(Sg)	13.9		28	iP	23:58:00.0	iSg	17.4	
	i	32:22.2		i	59:31.4		Dist.	95 Km.	
	iPn	23:05:29.0		On minute	mark		iP	22:20:08.0	
	i	34.4		29	iP	01:29:50.2	09	iPg	23:01:25.4
				iP	05:50:02.4		iSg	37.0	
							Dist.	95 Km.	
							10	iPg	14:00:27.2
								iSg	36.0
								Dist.	75 Km.

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA.
(DECEPTION ISLAND)

May.10 1965	iP	19:14:24.2	May.13 1965	iPg iSg local	06:03:35.3 36.6	May.15 1965	ePg iSg Dist. 60 Km.	15:02:26.5 32.4
	ePg iSn Dist. 105 Km.	21:33:04.7 20.2		iP	19:33:08.2		iP	15:04:56.9
	iPg iSg Dist. 90 Km.	22:46:21.2 31.5		iPg iSg Dist. 100 Km.	21:43:47.0 58.1		iP	16:09:31.2
11	ePg iSg Dist. 20 Km.	00:01:16.5 18.0		iP	22:11:20.9		i(P) On minute mark	16:42:00.0
	iPg iSg local	01:28:03.4 04.5	14	iP	17:54:19.2		iP	18:57:49.8
	iPg iSg Dist. 60 Km.	03:15:23.2 29.4		iP	18:27:25.4		iP	19:43:57.0
	iP	13:26:52.7		iPn iSn Dist. 170 Km.	19:22:19.8 39.9		iPg iSg Dist. 30 Km.	21:15:29.6 32.9
	iPg iSg i local	14:08:39.0 40.0 09:47.7		iPg iSg local	20:21:07.2 08.1		iPg iSg Dist. 40 Km.	21:29:12.2 15.8
	iP	22:01:51.1		iPg iSg Dist. 80 Km.	22:20:26.2 35.4		ePg iSg local	22:08:33.4 36.9
	iPg iSg On minute mark Dist. about 60 Km.	22:57:00 07.6		eP	23:01:58.7		iP	22:40:22.0
12	iP	00:20:07.4	15	ePg iSg Dist. 50 Km.	15:02:26.5 32.4	16	iPg iSg local	02:42:37.2 38.8
	iP	13:28:32.8		iP	16:09:31.2		iP	12:05:44.8
	iP	15:39:44.2		iP	18:47:49.8		iPg iSg On minute mark	13:27:(00.0) 04.3
	ePg iPn iSn Dist. 90 Km.	16:15:08.4 10.0 23.5		iP	19:43:57.0		ePg i iSn Dist. 120 Km.	18:42:32.0 35.1 46.3
	iPn iPg iSn Dist. 205 Km.	21:32:51.7 32:56 33:15.2		iPg iSg Dist. 35 Km.	21:15:29.6 32.7		iP*	19:45:53.8 46:13.4
	iPn i(Pg) iSn Dist. 220 Km.	22:52:45.7 51.5 53:10.2		iPg iSg Dist. 30 Km.	21:29:12.2 15.8		iP*	19:45:53.8 46:13.4
	iPn iSg Dist. 25 Km.	22:08:33.4 36.9		iPg iSg Dist. 30 Km.	22:19:48.8 52.6		iPg iSg Dist. 80 Km.	21:34:43.0 52.1
	iP	22:40:22.0		ePg iSg Dist. 25 Km.	22:08:33.4 36.9		iPn iPg iS*	21:56:33.1 41.6 57:12.7

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA.
(DECEPTION ISLAND)

May.16 1965	iPg 22:06:28.6	May.18 1965	ePg 15:17:56.5	May 19 1965	ePg 22:25:23.9
	iSg 31.4		iSg 59.2		eSg 43.8
	Dist. 20 Km.		Dist. 25 Km.		Dist. 98 Km.
	ePg 22:14:29.4		iPg 20:01:14.7		i(P) 22:28:08.2
	iSg 31.9		i(Sg) 23.0		iPg 22:57:10.1
	Dist. 20 Km.		i 43.2		iSg 13.9
	iPg 22:30:35.8		iP 20:02:34.5		Dist. 30 Km.
	iSg 40.5		iPn 20:03:49.1		ePg 23:05:28.6
	Dist. 40 Km.		iSn 56.4		iSg 33.4
	iP 22:37:14.6		Dist. 65 Km.		Dist. 40 Km.
	eP 22:41:32.5		iPg 20:04:56.2	20	iPn 22:52:03.0
	iPg 22:52:06.0		iSg 57.8		iSn 35.1
	iSg 09.3		local		Dist. 285 Km.
	Dist. 35 Km.		ePg 20:06:28.9		ePg 22:08:50.9
	iP 22:56:37.7		iSg 30.4		iSg 53.2
	i 57:30.4		local		Dist. 20 Km.
	iP 22:59:20.3		iP 20:07:21.9		ePg 22:32:04.4
	iP 23:02:11.6		ePg 22:31:41.1		iSg 08.7
	ePg 23:32:10.8		iSg 45.0		Dist. 40 Km.
	iSg 15.2		Dist. 40 Km.		ePg 22:48:49.4
	Dist. 40 Km.		iP 22:35:49.6		iSg 51.6
17	iP 11:42:42.0		ePn 22:52:41.8		local
	ePg 11:58:54.0		iSn 52.2		iPg 22:49:17.5
	iSg 55.5		Dist. 75 Km.		iSg 19.7
	local				Dist. 20 Km.
	iP 13:19:24.6				
	iPn 13:23:35.6				
	iSn 48.0				
	Dist. 110 Km.				
	iPg 14:32:25.7				
	iSg 36.6				
	Dist. 78 Km.				
	ePn 14:38:37.9				
	iP 38.4				
	iSn 39:02.4				
	iSg 06.6				
	Dist. 220 Km.				
	iPn 21:06:07.7				
	iSn 14.2				
	Dist. 60 Km.				
	ePg 22:49:09.1				
	iSg 11.3				
	Dist. 20 Km.				
18	ePg 14:41:10.8				
	iSg 21.1				
	Dist. 78 Km.				
	i(P) 15:17:(00)				
	On minute mark				

A. Concha
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

IMPRESO MEDIO



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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Jun.09 eP 20:00:10.3 1965 eS 28.5 Compression Dist. 162 Km.	Jun.15 eP 09:33:01.5 1965 eP 14:04:18 eS 41 Dist. 210 Km.	Jun.19 eP 10:48:27.6 1965 iS 48.0 Small Dist. 184 Km.
10 eP 00:14:49.3 eS 15:48 Dist. 567 Km.	eSP 23:42:20 eSSS 51:23 eG 56:08	eP 14:30:41.5 eS 31:03 Dist. 195 Km.
eP 06:08:32	16 eP 04:07:40 eS 09:55 eL 11:19 Dist. about 15°	iP 16:29:33.8 eS 52 Dilatation Dist. 162 Km.
eP 14:41:34.5 iS 42:06.6 Dist. 301 Km.	No record short period from 16:11 to June 13 at 14:26	iP 19:18:27.3 iS 38 Dilatation Dist. 87 Km.
13 eP 14:45:(25) iS 46:11 Dist. about 440 Km.	18 eP 21:43:53 iP 22:50:03.7 iPP 45.0 eS 54:04 eSS 46 Dilatation from N Dist. 24°	eP 21:19:20.6 eS 54.2 Dist. 316 Km.
ePKP 23:53:24 e(SS) 00:16:(06) e(R) 41:26	14 eP 01:16:00.4 iS 13.0 Dist. 106 Km.	eP 22:06:20.7 eP 23:48:26.3
14 eP 03:30:44.5 e(P) 04:56:28 iP 06:46:15.6 iS 49.0 Dist. 314 Km.	19 eP 07:02:59 i 03:11.2 iS 21.0 Dist. 200 Km.	20 eP 00:14:36.6 eS 53.2 Dist. 146 Km.
eP 11:21:(43) Small	iP 07:15:11.9 iS 26.5 Small Dist. 126 Km.	eP 02:17:05.4 iP 02:23:50.5 eS 24:15 Compression Dist. 225 Km.
eP 12:11:46.5 e 12:35 iS 13:38.7 Dist. 10°	eP 07:19:57 iS 20:15.2 Small Dist. 162 Km.	eP 04:17:01 eS 12.8 Dist. 98 Km.
15 eP 00:12:27.2 eS 13:52.8 Dist. 840 Km.	eP 09:25:19 iS 31.9 Small Dist. 209 Km.	eP 05:11:35 eS 42.3 Small Dist. 53 Km.
eP 04:46:19 eS 47:45 Dist. 840 Km.	eP 09:58:(00) iS 24 Small Dist. about 220 Km.	eP 05:13:55.3 e 14:43.6 eP 05:52:32.6 eS 49.1 Dilatation Dist. 145 Km.
eP 08:30:54.3 eS 31:08.5 Small Dist. 122 Km.	eP 10:27:46.5 eS 28:01.5 Small Dist. 130 Km.	e 06:55:19.3 eP 06:56:32.5 eS 57:09.2 Dist. 347 Km.

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PROVISIONAL READINGS AT PELDEHUE

<p>Jun.20 eP 18:49:34.6 1965 eS 44.3 Small Dist. 77 Km.</p> <p>eP 19:19:15.9 eS 38.4 Small Dist. 205 Km.</p> <p>eP 19:26:34.1 eS 46.7 Small Dist. 106 Km.</p> <p>eP 20:01:05.3 e(S) 02:07</p> <p>iP 20:27:56.5 iS 28:33.6 Dilatation Dist. 351 Km.</p>	<p>Jun.21 eP 07:45:50.3 1965 iS 59.2 Dist. 69 Km.</p> <p>eP 11:37:53.3 eS 38:09.2 Dist 239 Km.</p> <p>eP 13:24:23.5 eS 25:01 Small Dist. 355 Km.</p> <p>eP 14:06:53.3 eS 07:06.5 Small Dist. 112 Km.</p> <p>eP 17:20:32.5 e 52 e(S) 22:07</p> <p>eP 23:03:41.5 eS 04:13.5 Dist. 300 Km.</p> <p>22 eP 01:09:51.8 iS 10:14.6 Dist. 208 Km.</p> <p>eP 07:14:06 eS 22 Dist. 140 Km. Small</p> <p>iP 07:21:30.0 iS 43.1 Dilatation from NW PZ=0.4 sec. 0.5 u Dist. 111 Km.</p> <p>eP 13:17:46 eS 18:09.6 Small Dist. 216 Km.</p> <p>eP 13:40:20 eS 35 Small Dist. 130 Km.</p>	<p>Jun.23 iP 06:04:01.3 1965 eS 20.1 Dist. 168 Km.</p> <p>ePKP 11:28:(38) e(SKKS) 38:16 e(PPS) 44:46</p> <p>eP 12:32:19 eS 33:24 Dist. 630 Km.</p> <p>eP 13:07:23.5 eS 34.6 Dist. 91 Km.</p> <p>eP 13:30:47.4 eS 31:01.2 Dist. 118 Km.</p> <p>iP 14:22:44 iS 46.6 Seismic?</p> <p>eP 16:34:31 eS 35:08.6 Dist. 356 Km.</p> <p>eP 21:36:(44) Small</p> <p>e 21:55:05</p> <p>eP 22:54:34 eS 55:04 Dist. 280 Km.</p> <p>eP 23:20:34 e(S) 21:05 Small</p> <p>eP 23:36:44 eS 37:13 Small Dist. 270 Km.</p> <p>eP 23:51:45 eS 52:13 Small Dist. 260 Km.</p>
<p>21 eP 00:23:27.6 eS 34 Small Dist. 44 Km.</p> <p>e 00:40:33</p> <p>e(P) 00:44:02.5</p> <p>eP 01:24:10 eS 56.6 Dist. 446 Km.</p> <p>eP 01:53:(24) eS 36.2 Small Dist. about 102 Km.</p> <p>eP 01:58:24.3 eS 02:00:05.3 Dist. 8°</p>	<p>23 ePKP 00:07:55</p> <p>eP 05:55:22.5 eS 47.7 Small Dist. 232 Km.</p>	<p>24 eP 03:33:12 eS 36:(28) Dist. about 18°</p> <p>eP 05:32:08.5 eS 37.5 Small Dist. 270 Km.</p>

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PROVISIONAL READINGS AT PELDEHUE.

Jun.24 1965	e(PKP) 08:04:56	Jun.26 1965	eP 00:01:10.8	Jun.27 1965	eP 09:55:24.5
	eP 18:18:01		iP 03:36:15.5		eP 15:12:34.5
	i 20		iS 37:34.2		eS 13:49
	e 19:22		Dilatation		Dist. 125 Km.
	iS 38		Dist. 770 Km.		e 15:42:27.2
	Dist. 960 Km.		eP 07:45:58		eP 17:22:25.7
	eP 19:22:22.5		eS 46:17.5		eS 44.5
	iS 42.3		Dist. 175 Km.		Dist. 168 Km.
	Dist. 178 Km.		eP 08:16:57.5		e(P) 17:54:49.5
	iP 20:04:18.5		iS 17:16		eP 19:15:01.7
	eS 05:(58.8)		Small		eS 29.5
	Compression		Dist. 175 Km.		Dist. 258 Km.
	Dist. 1000 Km.		eP 08:45:38.3		eP 21:04:40.4
	eP 20:09:04.3		eS 46:(19)		eS 58.7
	eS 10:36		Dist. 389 Km.		Dist. 163 Km.
	Dist. 910 Km.		eP 09:04:48.9		eP 22:36:01.5
	eP 20:48:29.3		eS 05:02.8		eS 27.7
	eS 49:04.2		Dist. 119 Km.		Dist. 242 Km.
	Small		eP 09:19:50		eP 23:53:46
	Dist. 314 Km.		eS 20:27.7		eS 54:19.7
	eP 21:13:35.5		Small		Dist. 317 Km.
	eS 54		Dist. 357 Km.		28 eP 00:30:13.5
	Small		iP 09:22:08		eS 31:11
	Dist. 160 Km.		eS 28.5		Dist. 555 Km.
25	eP 00:48:04		Dilatation		eP 02:44:(28)
	iS 38		Dist. 185 Km.		eS 41
	Dist. 320 Km.		iP 11:33:48.5		Dist. 110 Km.
	eP 09:59:56.3		Dilatation		eP 02:46:29.5
	eS 10:00:18		eP 11:45:(49.5)		eS 41.5
	Small		eS 46:21.5		Dist. 100 Km.
	Dist. 197 Km.		Dist. 300 Km.		
	eP 13:27:21.4		eP 13:01:50.4		
	eS 47.1		eS 02:23.5		
	Dist. 237 Km.		Dist. 311 Km.		
	eP 20:31:46		eP 17:16:34.7		
	eP 20:55:31.4		eS 51.5		
	eS 56:03.4		Dist. 148 Km.		
	Small		eP 17:41:04.3		
	Dist. 300 Km.		eS 21.8		
	eP 20:59:16		Dist. 157 Km.		
	eS 35.3		eP 17:48:21.4		
	Dist. 173 Km.		eP 23:13:13		
	eP 22:20:04.4	27	eP 01:24:21.5		
	eS 11.3		eP 07:09:23.3		
	Small		eS 38.3		
	Dist. 50 Km.		Dist. 130 Km.		
	eP 23:54:49.5				
	iS 55:17.5				
	Dist. 260 Km.				

H. Becker
Seismologist.

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PROVISIONAL READINGS AT SANTIAGO
 (Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

Jun.11 eP 18:53:14	Jun.26 eP 09:22:05.6
1965 eS 55:(52)	1965 eS 22.0
Dist. about 360 Km.	Dist. 144 Km.

H. Becker
 Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h=73 mts.

Jun.04 eP 04:44:03.4	Jun.04 eP 09:00:45.5	Jun.16 eP 04:08:03
1965 eS 39.1	1965 01:09	1965 e 10:26
Dist. 338 Km.	Dist. 218 Km.	eS 13:08
		eR 16:28
eP 04:46:28.4	09 eP 04:52:08.8	Dist. about 31°
eS 54.7	15 eL 23:51:20	eP 22:52:57
Dist. 240 Km.	e 57:--	

H. Becker
 Seismologist.

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 mts.

Jun.12 eP 18:51:51	Jun.19 eP 21:43:17	Jun.21 eP 06:47:17
1965 eS 53:21	1965 eS 48	1965 eS 31
Dist. 855 Km.	Dist. 270 Km.	Dist. 110 Km
13 eP 14:22:06	e(P) 22:49:03	eP 17:20:29
eS 22	e(S) 52:30	eS 38
Dist. 130 Km.		Dist. 70 Km.
	20 eP 06:08:29	
16 eP 15:00:47	eS 41	22 eP 05:15:47
eS 00:58	Dist. 95 Km.	eS 59
Dist. 90 Km.		Dist. 95 Km.
	e(S) 06:39:39	
17 eP 23:16:56		
eS 17:14	21 eP 01:57:19	
Dist. 145 Km.	eS 58:03	
	Dist. 400 Km.	

L. Cabello
 Seismologist.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Jun.06 eP 12:33:32.5	Jun.18 eP 04:46:24.5	Jun.26 eP 09:22:41.5
1965 eS 34:07.5	1965 iS 30	1965 eS 23:13
Dist. 310 Km.	Dist. 45 Km.	Dist. 290 Km.
16 e 04:09:(00)	20 eP 20:27:30	26 eP 09:22:41.5
Teleseism	eS 46.5	eS 23:13
	Dist. 140 Km.	Dist. 290 Km.
17 iP 06:10:24	23 iP 12:31:23	27 iP 20:11:40
iS 29.5	iS 26.5	iS 51
Dist. 45 Km.	Dist. 30 Km.	Dist. 90 Km.
	FELT II	
	A. Sickinger	28 eP 00:29:22.5
	Seismologist.	eS 37.5
		Dist. 120 Km.

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA
(DECEPTION ISLAND)

62° 52' S 60° 40' W

May 22 eP 1965	14:06:38.7	May 26 iPg 1965	22:46:40.5 44.0	May 28 iPg 1965	04:32:29.7 33.3
23 ePg eSg local	13:38:47.7 48.5	Dist. 32 Km.		Dist. 33 Km.	
ePg eSg local	17:08:51.4 52.0	ePg iSg local	23:16:44.8 46.6	iP iP	12:41:50.2 12:50:06.7
ePg iSg local	18:27:27.0 27.7	27 iP iSn Dist. 226 Km.	23:41:08.4 15:14:13.2 39.5	iPg iSg Dist. 31 Km.	18:40:41.2 44.6
ePg iSg Dist. 38 Km.	19:51:54.5 58.6	iP iP	20:09:44.4 20:19:10.6	iP iPg iSg Dist. 50 Km.	18:51:40.6 19:01:38.0 19:05:27.2 32.9
iPg iSg Dist. 40 Km.	22:04:59.8 05:04.4	ePn iSn Dist. 52 Km.	20:55:46.7 52.6	iP iP	19:22:41.6 19:25:12.7
iPn iSn i Dist. 540 Km.	22:06:39.2 07:37.3 08:11.6	iPg iSg local	21:30:39.7 40.6	iPg iSg Dist. 39 Km.	20:17:49.3 52.3
iPg iSg local	22:21:10.6 13.3	ePg iPn iSg iSn Dist. 100 Km.	21:41:12.6 14.5 24.5 29.0	iP iPg iSg Dist. 28 Km.	20:19:15.8 21:36:39.2 42.1
ePg iSg Dist. 44 Km.	22:34:18.2 23.3	iP iPn iSn Dist. 89 Km.	21:44:21.9 21:44:43.6 53.6	iPn iSn Dist. 103 Km.	21:39:57.8 40:09.8
24 ePg iSg local	13:53:23.4 24.9	iP iP	21:58:58.8	iP iPn iSn On minute mark, Dist. 110 Km.	21:50:08.1 22:25:(00) 13
iP	14:01:02.8	iP	22:25:20.6	29 iP	06:18:10.6
iPg iSg Dist. 50 Km.	14:01:18.0 23.9	iPg iSg Dist. 41 Km.	22:28:48.2 53.0	ePn iSn Dist. 110 Km.	08:56:09.0 23.2
iP	15:04:33.6	iP eSg Dist. 106 Km.	22:32:08.2 20.5	ePg eSg Dist. 100 Km.	09:24:38.1 49.4
iPn iSn Dist. 145 Km.	18:46:10.7 29.2	iPg iSg Dist. 56 Km.	22:45:31.7 38.4	iP	14:44:04.2
iP	22:17:17.9	iP	22:50:35.6	ePg iSg	14:57:24.0 25.1
iP	22:17:45.5	iP	22:51:39.1	iP	15:15:46.8
iPn iSn Dist. 104 Km.	22:22:17.3 31.7	28 iP	04:28:56.4	iP iP iP	15:50:20.7 16:01:07.6
25 iP	17:40:16.2	iPg iSg Dist. 44 Km.	04:29:57.3 30:02.4	iPg iPn iSn Dist. 90 Km.	17:03:14.9 16.5 27.5
26 iP	22:42:50.0			iP	17:16:14.4

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Jun.28 eP 03:52:31.7 1965	Jun.29 eP 12:07:10.5 1965	Jun.30 eP 12:16:57.3 1965
eP 07:10:33.5 eS 46.2 Dist. 107 Km.	eS 41.4 Dist. 289 Km.	eS 17:23.3 Dist. 240 Km.
eP 11:37:07.5 eS 35.4 Dist. 268 Km. Small	eP 12:16:15.2 eS 30.7 Dist. 135 Km.	eP 19:28:44.7 eS 58.4 Dist. 117 Km. Small
iP 13:23:38.4 eS 24:05.6 Dilatation Dist. 252 Km.	iP 12:47:00.5 eS 15.7 Dilatation Dist. 132 Km.	eP 20:08:31.6 eS 09:(19.5) Dist. about 459 Km. Small
eP 14:28:48 eS 29:12.3 Dist. 223 Km.	eP 13:34:48 eS 36:21.5 Dist. 315 Km.	eP 20:53:08.5 eS 23 Dist. 125 Km. Small
eP 20:32:38.1 eS 33:01.2 Dist. 211 Km.	eP 13:55:18.7 eS 47.5 Dist. 268 Km.	eP 21:12:13 eS 13:03.7 Dist. 487 Km. Small
eP 22:09:12.7 eS 38.3 Dist. 235 Km.	iP 19:07:55.9 iS 08:06.4 Dilatation Dist. 185 Km.	eS 21:23:35.7 Small
eP 22:11:45.3 eS 13:26.5 Dist. 392 Km.	eP 20:42:37.3 eS 54.2 Dist. 149 Km.	eP 22:27:53.7 eS 28:24.3 Dist. 286 Km.
eP 22:24:59 eS 25:12.1 Dist. 111 Km. Small	iP 22:01:00.5 iS 19.5 Compression Dist. 170 Km.	Jul.01 eP 04:57:11.5 1965 eS 59:17 eL 35 Dist. about 8 $\frac{1}{2}$ ^o eP 07:36:15
eP 22:31:19.5 eS 55.2 Dist. 337 Km.	eP 23:43:18 eS 44:24.7 eL 37 Dist. about 647 Km.	eP 10:13:12.5 iS 46.6 Dist. 321 Km.
29 eP 02:24:03.6	30 e 03:12:40	eP 15:21:23.5 eS 22:(06.7) Dist. 412 Km.
e 02:56:25	eP 03:59:13.9 eS 27.5 eL 41.3 Dist. 116 Km.	iP 17:33:16 iS 28.1 Compression Dist. 101 Km.
eP 03:15:56.5 eS 16:23 Dist. 245 Km.	eP 10:33:54.4 eS 34:16.3 Dist. 199 Km. Small	02 e 00:01:15.2
eP 04:57:17.5 eS 33.3 Dilatation Dist. 138 Km.	iP 11:15:36.2 Compression	eP 00:29:23.7 eS 44.3 Dist. 186 Km. Small
eP 07:22:43.3 eS 23:22.2 Dist. 369 Km.	eP 11:44:17.8 eS 58.7 Dist. 389 Km.	eP 04:06:50.8 eS 07:08.5 Dist. 157 Km. Small
eP 11:08:11.2 eS 20.5 Dist. 87 Km. Small		

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Jul.14 eP 12:33:29.5	Jul.16 eP 00:53:32.6	Jul.16 eP 17:04:(10)
1965 e(S) 36:42	1965 eS 57	1965 eS 06:(18)
	Dist. 224 Km.	
iP 12:42:35.2	eP 00:55:(21)	17 eP 01:01:47.5
iS 46.9	iS 32.8	eS 02:20
Dilatation from N	Dist. about 98 Km.	Small
Dist. 97 Km.	Superimposed to former	Dist. 305 Km.
	shock	
eP 13:50:04.3	iP 02:54:36.4	eP 02:47:14.5
iS 21.7	iS 55:44.7	eS 44.7
Dilatation	Dilatation from SE	Small
Dist. 154 Km.	Dist. 660 Km.	Dist. 282 Km.
eP 20:23:44	eP 03:22:(39)	eP 04:19:07.5
eS 24:29	iS 53.2	iS 27.1
Dist. 430 Km.	Small	Dist. 176 Km.
	Dist. about 120 Km.	
eP 21:51:07	eP 04:31:18	eP 05:57:(03)
eS 28.5	eS 51.5	eS 45
Dist. 195 Km.	Small	Dist. about 400 Km.
	Dist. 315 Km.	
15 iP 04:27:05.5	iP 05:14:08.4	eP 06:48:30.5
iS 18.1	iS 21.1	iS 43.4
Compression	Dilatation	Dist. 109 Km.
Small	Dist. 107 Km.	
Dist. 106 Km.	e(PKP) 07:07:40.5	eP 09:22:16
eP 04:40:40	eP 07:31:43.3	eS 46.5
eS 41:02.5	eS 57	Small
Small	Dist. 117 Km.	Dist. 285 Km.
Dist. 205 Km.		
iP 05:35:04.2	eP 07:39:45	iP 11:01:54.1
eS 18.0	iS 40:13.2	iS 02:14.8
Dilatation	Dist. 262 Km.	Dilatation from NW
Dist. 118 Km.		Dist. 187 Km.
		ePKP 13:12:01.5
iP 06:12:25.8	eP 08:31:08.2	
iS 45.3	eS 32	eP 14:00:45
Dist. 175 Km.	Small	iS 58.2
	Dist. 218 Km.	Small
eP 07:23:48		Dist. 112 Km.
eS 24:18.5	eP 08:46:(59)	
Dist. 285 Km.	eS 47:17.6	eP 19:12:(43.5)
	Dist. about 170 Km.	eS 14:32
eP 16:25:48		Dist. about 415 Km.
iS 26:00.3	eP 13:20:44.8	
Dist. 103 Km.	e 21:07.8	eP 19:33:42.5
	iS 13.0	iS 34:02.8
eP 17:10:31	Dist. 272 Km.	Small
e(S) 45		Dist. 183 Km.
iPKP 18:52:20.5		
e 54:38		18 eP 07:01:57.5
		eS 04:26
		Dist. 9.5°

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33° 08' 37" S 70° 41' 07" W h=690 mts.

Jun.28 1965	eP 03:52:31.7	Jun.29 1965	eP 12:07:10.5	Jun.30 1965	eP 12:16:57.3
	eP 07:10:33.5		eS 41.4		eS 17:23.3
	eS 46.2		Dist. 289 Km.		Dist. 240 Km.
	Dist. 107 Km.		eP 12:16:15.2		eP 19:28:44.7
	eP 11:37:07.5		eS 30.7		eS 58.4
	eS 35.4		Dist. 135 Km.		Dist. 117 Km.
	Dist. 268 Km.		iP 12:47:00.5		Small
	Small		eS 15.7		eP 20:08:31.6
	iP 13:23:38.4		Dilatation		eS 09:(19.5)
	eS 24:05.6		Dist. 132 Km.		Dist. about 459 Km.
	Dilatation		eP 13:34:48		Small
	Dist. 252 Km.		eS 36:21.5		eP 20:53:08.5
	eP 14:28:48		Dist. 315 Km.		eS 23
	eS 29:12.3		eP 13:55:18.7		Dist. 125 Km.
	Dist. 223 Km.		eS 47.5		Small
	eP 20:32:38.1		Dist. 268 Km.		eP 21:12:13
	eS 33:01.2		iP 19:07:55.9		eS 13:03.7
	Dist. 211 Km.		iS 08:06.4		Dist. 487 Km.
	eP 22:09:12.7		Dilatation		Small
	eS 38.3		Dist. 185 Km.		eS 21:23:35.7
	Dist. 235 Km.		eP 20:42:37.3		Small
	eP 22:11:45.3		eS 54.2		eP 22:27:53.7
	eS 13:26.5		Dist. 149 Km.		eS 28:24.3
	Dist. 392 Km.		iP 22:01:00.5	Jul.01 1965	eP 04:57:11.5
	eP 22:24:59		iS 19.5		eS 59:17
	eS 25:12.1		Compression		eL 35
	Dist. 111 Km.		Dist. 170 Km.		Dist. about 8 $\frac{1}{2}$ ^o
	Small		eP 23:43:18		eP 07:36:15
	eP 22:31:19.5		eS 44:24.7		eP 10:13:12.5
	eS 55.2		eL 37		iS 46.6
	Dist. 337 Km.		Dist. about 647 Km.		Dist. 321 Km.
29	eP 02:24:03.6	30	e 03:12:40		eP 15:21:23.5
	e 02:56:25		eP 03:59:13.9		eS 22:(06.7)
	eP 03:15:56.5		eS 27.5		Dist. 412 Km.
	eS 16:23		eL 41.3		iP 17:33:16
	Dist. 245 Km.		Dist. 116 Km.		iS 28.1
	eP 04:57:17.5		eP 10:33:54.4		Compression
	eS 33.3		eS 34:16.3		Dist. 101 Km.
	Dilatation		Dist. 199 Km.	02	e 00:01:15.2
	Dist. 138 Km.		Small		eP 00:29:23.7
	eP 07:22:43.3		iP 11:15:36.2		eS 44.3
	eS 23:22.2		Compression		Dist. 186 Km.
	Dist. 369 Km.		eP 11:44:17.8		Small
	eP 11:08:11.2		eS 58.7		eP 04:06:50.8
	eS 20.5		Dist. 389 Km.		eS 07:08.5
	Dist. 87 Km.				Dist. 157 Km.
	Small				Small

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<p>Jul.02 eP 14:14:03 1965 eS 17.4 Dist. 124 Km.</p> <p>eP 14:49:15 eS 50:19.5 Dist. 525 Km.</p> <p>eP 18:31:53.5 iS 33:03 Dist. 680 Km.</p> <p>eP 21:17:23.3 e 32.4 e 18:49.7</p> <p>eP 21:27:37</p>	<p>Jul.03 iP 21:34:10.8 1965 eS 32.7 Compression Dist. 199 Km.</p> <p>eP 23:54:55.5 eS 55:23.6 Dist. 261 Km.</p> <p>04 eP 02:24:38.3 e 56 eS 25:03 Dist. 227 Km.</p> <p>eP 06:59:(21.7) eS 07:00:05.5 Dist. about 318 Km. Small</p> <p>eP 08:02:54.4 eS 03:23.6 Dist. 272 Km. Small</p> <p>iP 10:35:40.3 eS 58.6 Dilatation Dist. 153 Km.</p> <p>eP 13:08:22 eS 09:14 Dist. 500 Km.</p> <p>eP 19:34:(11.5) eS 23.5 Dist. about 100 Km.</p> <p>eP 22:26:57 eS 27:22 Dist. 230 Km.</p> <p>iP 22:28:54.3 iS 29:16 Dilatation Dist. 197 Km.</p> <p>05 eP 02:38:43.8 eS 39:06.1 Dist. 203 Km.</p> <p>eP 04:08:03.6 eS 16.2 Dist. 106 Km.</p> <p>e 05:58:11.5</p>	<p>Jul.05 eP 06:29:59.2 1965 eP 07:14:43.3 iS 55.6 Dilatation Dist. 93 Km.</p> <p>eP 14:07:13.8 eS 28.6 Dist. 128 Km.</p> <p>eP 16:30:30.2 eS 50.5 Dist. 183 Km.</p> <p>eP 19:32:47.5 Small</p> <p>iP 20:28:32.4 iS 42.8 Compression from SE FELT III-IV AT STGO Dist. 84 Km.</p> <p>e(P) 20:42:29 eS 43:06.5 Small</p> <p>eP 22:18:21.6 iS 35.8 Dilatation Dist. 122 Km.</p> <p>eP 23:16:58 eS 17:16.3 Dist. 163 Km. Small</p> <p>06 eP 04:28:18.8</p> <p>eP 14:20:18.9 e 21:31.5</p> <p>eP 14:56:55.8 Compression</p> <p>eP 15:36:39.1 eS 57 Dilatation Dist. 159 Km.</p> <p>eP 15:54:48.7 eS 55:12.8 Dist. 221 Km. Small</p>
<p>03 eP 01:32:42.2 eS 55.4 Dist. 112 Km. Small</p> <p>eP 01:41:20.3 eS 29.8 Dist. 75 Km. Small</p> <p>eP 04:04:47.2 iS 05:17.4 Dist. 282 Km.</p> <p>iP 04:50:56 iS 51:07.8 Dilatation Dist. 98 KM.</p> <p>eP 13:11:32.5 e 12:09</p> <p>eP 13:52:10 eS 46.3 Dist. 343 Km.</p> <p>eP 13:56:33.4 e 57:44.5 e(S) 58:12</p> <p>eP 20:30:14.5 eS 41 Dist. 245 Km. Small</p> <p>e 20:59:03</p>		

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Jul.06 eP 16:17:03.5	Jul.07 eP 20:43:32.3	Jul.08 eP 18:57:40
1965 eS 21.6	1965 eS 52.2	1965 eS 51.3
Dist. 161 Km.	Dist. 179 Km.	Small
	Small	Dist. 93 Km.
iP 18:54:46.3	iP 20:58:14.5	09 eP 00:31:23.8
e 56:29.8	eS 22.8	eS 43
eP 20:54:09	Dilatation	Small
eS 28.6	Dist. 63 Km.	Dist. 172 Km.
Dist. 176 Km.	eP 21:58:28.7	eP 03:27:18
Small	Dilatation	eS 58.9
eP 23:41:17.8		Small
eS 42:06.6	iP 22:01:50.2	Dist. 389 Km.
Dist. 468 Km.	e 51.5	iP 07:47:18.3
07 iP 00:31:29.4	Near Explosion?	iS 42.0
eS 52.5	iP 22:43:07	Compression from NE
Dilatation	eS 34.5	Dist. 217 Km.
Dist. 211 Km.	Dist. 255 Km.	eP 10:06:12
eP 05:34:08.6	Dilatation	Small
eS 39.1	eP 23:16:42.3	eP 11:52:10
Dist. 285 Km.	eS 17:52.2	eS 26.9
Small	Dist. 680 Km.	Dist. 149 Km.
eP 08:40:26.6	08 eP 00:07:59	iP 13:55:49.5
e 42:14.6	eS 08:18.6	iS 56:03.4
Dilatation	Dist. 176 Km.	Compression
e(P) 10:33:19.5	eP 00:31:49	Dist. 120 Km.
eS 43.4	e 32:50.5	eP 15:26:10.2
Small	Small	eS 49
eP 10:58:55	eP 00:44:07.3	Dist. 370 Km.
eS 59:20.5		eP 18:01:03.6
Dist. 235 Km.	eP 02:35:01.5	eS 21.5
Small	eS 22.6	Small
eP 11:10:12.5	Dist. 191 Km.	Dist. 160 Km.
iS 23.2	iP 02:58:12	No record short Pe-
Dist. 87 Km.	iS 32	riod from 19:11 to
eP 14:55:59.2	Dist. 180 Km.	Jul 13 at 18:07
eS 57:(06.5)	eP 04:02:38.8	11 iP 13:58:27
Dist. 53 Km.	eS 03:27.4	e 58,5
eP 15:41:58.9	Dist. 466 Km.	eS 59:23
eS 42:30.2	eP 04:53:36.3	Dist. 540 Km.
Dist. 293 Km.	e 38	Compression from N
eP 15:54:27.7	Near Explosion?	14 iP 01:05:21.3
eS 37	eP 06:00:47.8	e 28.7
Dist. 73 Km.	Near Explosion?	iS 35.0
Small	iP 10:43:36.5	Dilatation from NW
eP 20:27:14	iS 49.5	Dist. 118 Km.
eS 29.8	Compression	ePKP 10:19:40.2
Dist. 138 Km.	Dist. 110 Km.	Compression
Small		eP 11:28:23.7
		iS 40.5
		Small
		Dist. 148 Km.

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<p> Jul.14 eP 12:33:29.5 1965 e(S) 36:42 iP 12:42:35.2 iS 46.9 Dilatation from N Dist. 97 Km. eP 13:50:04.3 iS 21.7 Dilatation Dist. 154 Km. eP 20:23:44 eS 24:29 Dist. 430 Km. eP 21:51:07 eS 28.5 Dist. 195 Km. </p>	<p> Jul.16 eP 00:53:32.6 1965 eS 57 Dist. 224 Km. eP 00:55:(21) iS 32.8 Dist. about 98 Km. Superimposed to former shock iP 02:54:36.4 iS 55:44.7 Dilatation from SE Dist. 660 Km. eP 03:22:(39) iS 53.2 Small Dist. about 120 Km. eP 04:31:18 eS 51.5 Small Dist. 315 Km. iP 05:14:08.4 iS 21.1 Dilatation Dist. 107 Km. e(PKP) 07:07:40.5 eP 07:31:43.3 eS 57 Small Dist. 117 Km. eP 07:39:45 iS 40:13.2 Dist. 262 Km. eP 08:31:08.2 eS 32 Small Dist. 218 Km. eP 08:46:(59) eS 47:17.6 Dist. about 170 Km. eP 13:20:44.8 e 21:07.8 iS 13.0 Dist. 272 Km. </p>	<p> Jul.16 eP 17:04:(10) 1965 eS 06:(18) 17 eP 01:01:47.5 eS 02:20 Small Dist. 305 Km. eP 02:47:14.5 eS 44.7 Small Dist. 282 Km. eP 04:19:07.5 iS 27.1 Dist. 176 Km. eP 05:57:(03) eS 45 Dist. about 400 Km. eP 06:48:30.5 iS 43.4 Dist. 109 Km. eP 09:22:16 eS 46.5 Small Dist. 285 Km. iP 11:01:54.1 iS 02:14.8 Dilatation from NW Dist. 187 Km. ePKP 13:12:01.5 eP 14:00:45 iS 58.2 Small Dist. 112 Km. eP 19:12:(43.5) eS 14:32 Dist. about 415 Km. eP 19:33:42.5 iS 34:02.8 Small Dist. 183 Km. 18 eP 07:01:57.5 eS 04:26 Dist. 9.5° </p>
<p> 15 iP 04:27:05.5 iS 18.1 Compression Small Dist. 106 Km. eP 04:40:40 eS 41:02.5 Small Dist. 205 Km. iP 05:35:04.2 eS 18.0 Dilatation Dist. 118 Km. iP 06:12:25.8 iS 45.3 Dist. 175 Km. eP 07:23:48 eS 24:18.5 Dist. 285 Km. eP 16:25:48 iS 26:00.3 Dist. 103 Km. eP 17:10:31 e(S) 45 iPKP 18:52:20.5 e 54:38 </p>		

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<p>Jul.18 eP 14:53:49 1965 eS 54:19.5 Dist. 285 Km.</p> <p>eP 22:59:20.5 iS 39.7 Dist. 172 Km. Small</p> <p>19 eP 02:08:48 eS 09:30.4 Dist. 400 Km.</p> <p>eP 04:21:14 Teleseism</p> <p>eP 07:38:01 i 10.2 eS 39:(08) Dist. 650 Km.</p>	<p>Jul.19 iP 12:38:38.2 1965 iS 39:12.0 Compression from N? Dist. 318 Km.</p> <p>iP 15:06:33.1 e 49 i(S) 08:12.3 Compression</p> <p>eP 15:58:44 eS 53 Small Dist. 70 Km.</p> <p>eP 18:48:33.4 iS 57.0 Dist. 217 Km.</p> <p>20 iP 00:49:19.3 iS 32.5 Dist. 112 Km. Small</p>	<p>Jul.20 iP 03:30:37.0 1965 iS (59.5) Dist. about 205 Km.</p> <p>iP 07:43:24.0 eS 34 Dilatation Dist. 80 Km.</p> <p>iP 12:52:17.8 iS 34.8 Dist. 150 Km. Small</p> <p>e(PKP) 13:38:17.9 i 23.3</p> <p>eP 13:41:(26.5) e(S) 43:17.2</p> <p>eP 15:11:45.5</p> <p style="text-align: center;">Included</p> <p>Jul 06 eP 03:37:20.5 eSKS 48:07 e 53:37 SS 57:14 G 04:07:14 Dist. about 105°</p>
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E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

<p>Jul 05 iP 20:28:30.2 1965 iS 40.3 Dist. 81 Km.</p> <p>07 eP 00:31:47</p>	<p>Jul.07 eP 22:43:28.7 1965</p> <p>11 eP 13:58:29.5 e(S) 59:27.5 FELT III AT VALLENAR</p>	<p>Jul.15 eP 06:13:39 1965 Small</p> <p>19 eP 12:38:43.4 iS 39:50</p> <p>20 07:43:34.6</p>
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H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h=73 mts.

<p>Jun.23 e(PKP) 11:30:40 1965 e(SKKS) 40:-- eR 12:10:--</p>	<p>Jul.12 eP 14:02:23.6 1965 eS 03:08.5 Dist. 429 Km.</p>
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H. Becker
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PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 Km.

Jul.04 eP 13:08:03	Jul.09 eP 15:26:52	Jul.19 eP 12:37:52
1965 eS 27	1965 eS 27:02	1965 eS 38:10
Dist. 190 Km.	Dist. 80 Km.	Dist. 145 Km.
07 eP 08:39:11	12 iP 13:57:49	iP 15:05:19
eS 37	eS 58:14	iS 27
Dist. 220 Km.	Dist. 200 Km.	Dist. 65 Km.
	FELT III AT COPIAPO	FELT V AT COPIAPO
eP 14:55:23	19 iP 07:36:54	21 eP 23:27:30
eS 52	eS 37:06	eS 43
Dist. 250 Km.	Dist. 95 Km.	Dist. 105 Km.
08 eP 00:42:39		L. Cabello
eS 48		Seismologist.
Dist. 70 Km.		

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts

Jul.02 iP 18:30:54	Jul.05 eP 20:29:10	Jul.16 iP 02:53:46
1965 iS 31:00	1965 eS 54	1965 eS 54:12
Dist. 45 Km.	Dist. 430 Km.	Dist. 235 Km.
03 eP 13:55:40	07 eP 21:27:40	19 e 15:58:27
eS 56:08	eS 47.5	
Small	Small	
Dist. 260 Km.	Dist. 60 Km.	
		A. Sickinger
		Seismologist.

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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

May 01 1965	eP 15:49:08 iS 50.4 Dist. 404 Km.	May 03 1965	eP 01:11:33 i 51.0 eS 12:05 Dist. 300 Km.	May 05 1965	iP 00:55:18.1 iS 31.5 Dist. 114 Km.
	e(P) 18:21:42 iS 59.5 Small		iP 02:46:01.9 iS 22.5 Dist. 186 Km.		eP 03:01:33.6 e(S) 58
	eP 18:52:39.3 eS 53:25.2 Small Dist. 440 Km.		eP 06:54:59.8 eS 55:24.5 Dist. 227 Km.		eP 05:14:05.5 eS 42.5 Dist. 350 Km.
	eP 21:36:12 eS 49 Small Dist. 350 Km.		eP 10:09:29 eS 15:46 eG 19:06 Dist. 42.5°		eP 09:16:31.8 eS 18:27 Dist. 10.2°
	iP 22:07:24.1 iS 32.0 Dist. 60 Km.		iP 12:52:49.5 iS 53:26.0 Compression Dist. 345 Km.		eP 10:25:21.9 eS 26:00.5 Dist. 366 Km.
02	ePn 05:48:43.5 i(Pg) 48.5 iSn 49:33 Dist. 440 Km.		eP 13:38:08 eS 39:44 Dist. 940 Km.	06	iP 02:25:52.1 iS 26:20 Dilatation from SE Dist. 259 Km.
	eP 06:15:17.9 iS 39.0 Small Dist. 190 Km.		eP 15:52:40.5 iS 53:20.5 Dist. 380 Km.		eP 14:30:34 iS 59 Dist. 230 Km.
	eP 09:14:06 e(S) 50		iP 16:09:47.9 iS 10:14.0 Compression from SE Dist. 240 Km.		iP 19:13:41.6 iS 53.7 Compression Dist. 101 Km.
	eP 09:20:38.8 iS 21:22.0 Dist. 410 Km.		eP 17:10:37.3 iS 11:17.5 Dist. 382 Km.		eP 23:45:41.7 eS 46:19.5 Dist. 358 Km.
	iP 18:24:44.2 iS 54.9 Dilatation Dist. 87 Km.		iP 19:18:05.5 iS 28.7 Dist. 212 Km.	07	eP 05:20:47.5 eS 21:19 Dist. 275 Km.
	eP 20:58:20.6 eS 40.6 Small Dist. 180 Km.	04	eP 08:54:31		eP 07:14:30.5 iS 46.5 Dist. 140 Km.
03	iP 00:13:56.5 iS 14:48.0 Dist. 495 Km.		eP 09:38:52.6 iS 39:32.0 Dist. 270 Km.		eP 10:36:06.5 e(S) 48
	eP 00:34:57.4 iS 35:23.6 Dist. 240 Km.		iP 12:12:31.8 e(S) 13:55.4		eP 13:25:28.0 Teleseism
	eP 00:41:54.4 iS 42:24.0 Dist. 276 Km.		eP 22:56:50 eS 57:28.5 Small Dist. 365 Km.		iP 17:22:39.1 eS 23:02.1 Dist. 210 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA.

<p>May 07 1965 iP 21:44:04.8 i 13.0 eS 26.3 i 36.2 Dilatation Dist. 195 Km.</p> <p>iP 23:56:50.5 iS 57:20.0 Dist. 275 Km.</p> <p>08 eP 01:19:33.2 eS 20:38.5 e 21:19 Dist. 630 Km.</p> <p>iP 06:33:28.8 iS 34:08.8 Compression from N Dist. 380 Km.</p> <p>eP 07:23:(18) e 35.2 eS 25:(26)</p> <p>iP 11:34:00.3 i 04.4 e 09.4 e(S) 34</p> <p>iP 20:05:21.6 iS 28.0 Dist. 44 Km.</p> <p>eP 20:20:31.5 eS 52 Small Dist. 185 Km.</p> <p>eP 21:53:15.8 eS 56 Dist. 382 Km.</p> <p>09 eP 02:14:26.6 eS 15:02.8 Dist. 340 Km.</p> <p>iP 04:05:44.8 eS 06:22.2 Dist. 354 Km.</p> <p>eP 04:21:17.5 eS 51.8 Dist. 320 Km.</p> <p>eP 05:28:(00) eS 24 Dist. about 220 Km.</p>	<p>May 09 1965 eP 05:57:33 e 43 eS 58:23 e 38 Dist. 480 Km.</p> <p>eP 18:57:27.5 eS 58:02 Dist. 325 Km.</p> <p>e(PKP) 20:03:45.5</p> <p>eP 22:13:13 eS 32 Small Dist. 170 Km.</p> <p>10 eP 02:17:12.4 eS 48 Dist. 336 Km.</p> <p>eP 03:01:51.6 eS 02:14 Dist. 204 Km.</p> <p>iP 04:54:29.9 iS 55:05.1 Compression Dist. 330 Km.</p> <p>eP 08:36:51.1 eS 37:57.5 Dist. 640 Km.</p> <p>eP 09:14:26.6 eS 15:03 Small Dist. 340 Km.</p> <p>iP 17:22:55.5 iS 23:01.0 Dist. 35 Km.</p> <p>11 eP 01:42:39.9 iS 43:50.0 Dist. 680 Km.</p> <p>iP 02:30:40.0 iS 31:28.5 Dist. 465 Km.</p> <p>iP 03:26:47.5 iS 52.5 Compression Dist. 28 Km.</p> <p>eP 05:53:00.4 eS 23 Dist. 206 Km.</p>	<p>May 11 1965 eP 18:51:43.5 eS 52:14 Dist. 285 Km.</p> <p>iP 20:49:20.6 iS 33.0 Dilatation from NNE Dist. 104 Km.</p> <p>eP 21:52:35.8 eS 53:16 Small Dist. 380 Km.</p> <p>eP 22:08:57 iS 09:09.0 Small Dist. 100 Km.</p> <p>12 iP 04:02:57.9 iS 03:07.7 Dilatation from ENE Dist. 78 Km.</p> <p>eP 05:38:01 eS 39:18 Dist. 750 Km.</p> <p>eP 06:56:42 eS 57:12.5 Dist. 285 Km.</p> <p>iP 08:53:03.0 iS 13.5 Compression Small Dist. 85 Km.</p> <p>ePKP 10:53:05.5 e(PP) 55.5</p> <p>iP 17:01:27.1 eS 02:08 Dist. 390 Km.</p> <p>iP 18:32:44.2 iS 33:01.9 Compression from ENE Dist. 158 Km.</p> <p>iP 19:36:48.8 iS 37:41.0 Compression from ENE Dist. 500 Km.</p> <p>eP 21:51:10.6 iS 51.0 Dist. 384 Km.</p>
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PROVISIONAL READINGS AT ANTOFAGASTA.

May 13 1965	iP 01:37:10.1 iS 25.5 Compression from S Dist. 134 Km.	May 15 1965	eP 20:01:29.4 iS 02:17.0 Dist. 456 Km.	May 17 1965	eP 19:03:12.8 eS 38.5 i 04:03.2 Dist. 240 Km.
	iP 02:25:17.2 iS 26:48.5 Dilatation from ENE Dist. 890 Km.		iP 21:52:55.5 eS 53:34 Dist. 265 Km.		iP 22:04:59.7 iS 05:17.9 Compression Dist. 160 Km.
	eP 09:18:40 eS 19:08 Dist. 260 Km.	16	eP 11:25:(40) e(SSS) 31:30 eR 33:(08)	18	eP 02:11:06.2 eS 45 Dist. 370 Km
	eP 21:25:05.3 eS 43.5 Dist. 360 Km.		eP 13:24:59 eS 25:23 Dist. 220 Km.		eP 15:12:39.4
14	eP 00:02:25 eS 03:34 Dist. 670 Km.		eP 13:45:14.9 iS 56.0 Dist. 390 Km.		eP 15:28:40.7 eS 30:34.2 Dist. 10.2°
	eP 02:14:14.6 eS 51 Small Dist. 340 Km.		eP 15:00:18 eS 56 Small Dist. 360 Km.		iP 16:36:46 iS 56.8 Dist. 88 Km.
	iP 06:32:37.7 iS 33:20.0 Compression Dist. 400 Km.		iP 18:17:49.8 iS 18:01.9 Compression from NW Dist. 101 Km.		eP 17:45:47.3 eS 46:10 Dist. 207 Km.
	iP 06:57:58.9 iS 58:08.5 Dilatation Dist. 76 Km.		eP 22:43:18.6 e(S) 44:23 Dist. 624 Km.		iP 19:50:53.1 eS 51:30 Dist. 350 Km.
	iP 14:21:00.5 iS 28.5 Compression Dist. 260 Km.	17	iP 04:46:04.5 iS 09.7 Dilatation from SSE Dist. 28 Km.	19	eP 07:24:49 iS 25:31 Dist. 400 Km.
	iP 20:50:34.5 iS 51:11.6 Dilatation Dist. 350 Km.		iP 06:35:00.3 iS 04.8 Dilatation Dist. 20 Km.		eP 15:27:42.5 eS 28:00.6 Dist. 160 Km.
15	iP 01:11:41.0 iS 54.2 Dist. 110 Km.		iP 07:16:07.6 iS 46.0 Compression Dist. 364 Km.		iP 20:08:08.2 eS 40.5 Dist. 300 Km.
	eP 05:22:11 eS 48 Dist. 350 Km.		eP 08:19:31.4 eS 20:08 Dist. 346 Km.		eP 22:04:(11) eS 45 e 05:15 Dist. about 320 Km
	eP 16:12:27 iS 13:03.2 Dist. 340 Km.		eP 17:07:17.2 eS 56 Dist. 368 Km.	20	eP 00:55:(02) ePP 59:38 ePPP 01:01:58 eSP 09:00 Dist. 111° Further phases unreadable
	iP 19:53:42.0 iS 52.0 Dist. 80 Km.		ePKP 17:39:32 epPKP 40:11 e 41:23 eSKS 46:00 e(SS) 56:38 eG 18:05:34 Dist. 110 ° h about 100 Km.		eP 09:20:25 eS 21:03 Dist. 360 Km.
					eP 19:31:23.2 iS 53.7 Dist. 285 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

May 20 1965	eP iS Dist. 260 Km.	20:10:25 52.6	May 22 1965	iP iS Compression Dist. 195 Km.	06:29:40.3 30:01.7	May 24 1965	eP iS Dist. 228 Km.	10:54:06.8 31.6
	eP eS Dist. 270 Km.	22:53:43 54:12.2		eP eS Small Dist. 205 Km.	07:22:05 27.5		eP eS Dist. 580 Km.	17:39:(04) 40:04
21	eP eS Dist. 174 Km.	03:14:49.4 15:08.8		eP eS Dist. 415 Km.	07:28:55 29:38.5		eP iS Dist. 142 Km.	18:15:58.6 16:14.8
	eP eS Dist. 210 Km.	12:35:13 36		eP eS Dist. 215 Km.	12:57:45.5 50:05		eP eS Dist. about 420 Km.	18:44:(51) 45:35
	eP e iS Dist. 260 Km.	13:47:52.5 48:13.8 20.8		eP eS Dist. about 540 Km.	17:02:(12) 03:08		eP eS Dist. 145 Km.	19:13:59.3 14:25.8
	iP eS Dist. 166 Km.	17:21:30.0 48.6		eP iS Dilatation Dist. 460 Km.	18:19:39.4 20:27.4		eP eS Dist. 240 Km.	19:54:57 55:22.8
	eP eS Dist. 340 Km.	18:51:46.4 52:22.5		eP eS Dist. 390 Km.	18:55:47 56:28		eP eS Dist. 510 Km.	20:19:12 20:05
	iP iS Small Dist. 105 Km.	19:55:45.3 57.8		eP eS Dist. about 240 Km.	20:21:59 22:(25)	25	eP e iS Dist. 224 Km.	10:41:05.6 11.2 30.0
	iP eS i Dist. 340 Km.	21:24:07.7 43.5 45.0	23	eP eS Dist. 360 Km.	02:05:24.6 06:02.3		eP eS Dilatation Dist. about 240 Km.	16:23:56.0 24:22
	eP eS Dist. 210 Km.	22:18:45.6 19:08.8		iP eS Small Dist. 185 Km.	15:48:09.0 29.5		eP eS Dilatation Dist. 280 Km.	16:55:29.1 59.4
22	eP eS eR Dist. 425 Km.	00:37:38.5 38:23 38		iP eS Dilatation Dist. 470 Km.	17:53:17.3 54:06.5		iP iS Compression from NNE Dist. 106 Km.	20:07:19.4 26.0
	eP e(S) iPKP	02:04:(01) 48 03:25:41.5	24	eP eS Dist. 370 Km.	03:42:46.2 43:24.7		eP iS Dist. 440 Km.	21:37:02.6 48.6
	iP iS Compression Dist. 405 Km.	03:53:03.0 45.5		iP i Compression from WSW PZ=3.8 u; 0.3 sec. Dist. 330 Km.	07:03:37.6 47	26	eP eS i Dist. 355 Km.	04:56:30.4 57:07.9 10.0
	eP eS Dist. about 600 Km.	04:12:(51) 13:53		iP eS Dist. 360 Km.	07:15:09 47		eP eS Dist. 370 Km.	09:03:35.7 04:15.0
							e(P) eS	09:27:15 39

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PROVISIONAL READINGS AT ANTOFAGASTA.

<p>No record from 12:32 to May 28 at 19:45</p> <p>May 28 eP 01:30:28 1965 eS 52.6 Dist. 226 Km.</p> <p>eP 07:28:33.6 e(S) 29:04.1 Dilatation ?</p> <p>iP 11:24:25.3 iS 48.8 Compression from E Dist. 215 Km.</p> <p>eP 12:03:48.8 eS 04:13 Dist. 220 Km.</p> <p>eP 12:58:50.1 eS 59:27.9 Compresión Dist. 360 Km.</p> <p>eP 15:46:58 eS 55:35 eSS 59:43 eG 16:02:43 e(R) 05:20 e 36 Dist. 65°</p> <p>29 eP 19:58:28.5 iS 59:00.4 Dilatation Dist. 300 Km.</p> <p>30 iP 00:33:22.8 iS 34.7 Compression from N Dist. 100 Km.</p>	<p>May 30 eP 01:11:00.5 1965 iS 08.3 Small Dist. 60 Km.</p> <p>iP 02:56:44.5 eS 57:22 Dilatation Dist. 355 Km.</p> <p>iP 05:34:02.9 eS 26.5 Dilatation Dist. 216 Km.</p> <p>eP 09:41:32 iS 52.5 Dist. 230 Km.</p> <p>eP 10:17:10.5 e 15.8 eS 38.5 Dist. 260 Km.</p> <p>eP 14:03:08.5 iS 33.7 Dist. 230 Km.</p> <p>iP 15:37:45.5 iS 55.7 Compression ? Dist. 80 Km.</p>	<p>May 30 eP 18:13:(28) 1965 eS 14:(07)</p> <p>eP 22:41:00.2 iS 22.2 Dist. 180 Km.</p> <p>31 ePKP 08:57:49.9 e 58:21</p> <p>eP 09:29:52 eS 30:15 Dist. 210 Km.</p> <p>e(PKP) 11:58:00.4</p> <p>eP 16:02:(39) e(S) 03:11 e 22</p> <p>Jun.01 eP 02:48:46.5 1965 e(S) 49:15</p> <p>eP 04:21:34 iS 57.2 Dist. 210 Km.</p> <p>eP 12:31:19.8 eS 59 Dist. 370 Km.</p>
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J. FREZ
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

Chile
July - Aug 65

UNIVERSIDAD DE CHILE
Instituto de Geofísica y Sismología

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Jul.20 1965	iP 19:46:29.4 iS 42.3 Dist. 109 Km. Small	Jul.21 1965	eP 20:04:(45.5) iS 05:17.4 Dist. about 299 Km.	Jul.24 1965	eP 21:59:08.2 eS 42 Dist. 318 Km.
	eP 20:35:(34.5) eS 36:(29) Dist. about 425 Km.		e 20:19:53.2		eP 22:02:52 iS 03:05.5 Small Dist. 110 Km.
	eP 20:44:33.2 iS 59.0 Dist. 238 Km.	22	eP 00:58:08.2 iS 59:56.1 Dist. 459 Km.		eP 23:28:38.5 iS 53.5 Small Dist. 130 Km.
	iP 22:48:09.3 iS 27.9 Dist. 166 Km. Small		eP 04:20:49.2 iS 21:01.6 Dist. 98 Km. Small	25	e(PKP) 04:00:09 iP 04:10:06.7 eS 22.2 Dilatation Dist. 135 Km.
21	e 03:04:41.4		iP 06:25:05.0 iS 16.3 Dilatation Dist. 93 Km.		eP 04:12:33.7 iS 56.6 Small Dist. 209 Km.
	iP 05:15:18.0 iS 26.7 Dist. 68 Km. Small		eP 06:35:41.0 eS 36:08.7 Dist. 257 Km.		eP 06:47:58 iS 48:11.2 Dist. 112 Km.
	eP 05:45:21		eP 15:08:05.9 eS 09:31 Dist. 831 Km.		eP 07:26:25.3 eS 55.5 Dist. 282 Km.
	iP 06:01:05.3 iS 18.3 Dist. 110 Km. Small		iP 16:15:30.2 iS 43.2 Dist. 110 Km. Small		iP 09:37:38.5 iS 55.3 Dist. 148 Km.
	iP 10:27:30.5 iS 53.0 Dilatation Dist. 205 Km.		eP 16:28:25.8 eS (42) Dist. about 140 Km. Small		eP 10:26:24.5 iS 42.4 Dist. 159 Km.
	eP 11:46:12.2 iS 26.6 Dist. 124 Km. Small		eP 17:16:24 eS 52 Dist. 260 Km.		eP 11:51:48.7 iS 52:03.3 Small Dist. 126 Km.
	eP 12:32:57.6		No record from 17:34 to July 24 at 16:13		eP 12:09:54.1 eS 10:26.8 Dist. 307 Km.
	eP 13:09:15.2 iS 47.0 Dist. 298 Km.	24	eP 16:33:25.4 eS 49.8 Dilatation from NW Dist. 224 Km.		e(PKP) 13:52:51.8 Dilatation
	iP 13:55:58.9 iS 56:17.7 Compression Dist. 168 Km.		eP 17:43:52 eS 44:14.5 Dist. 205 Km.	26	eP 03:37:58.7 eS 38:34 Dist. 333 Km.
	iP 14:55:20.8 iS 57.0 Compression Dist. 342 Km.				
	e 18:19:51.8				

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PROVISIONAL READINGS AT PELDEHUE

Jul.26 1965	eP 04:14:08 eS 40.5 Dist. 305 Km. Small	Jul.27 1965	eP 06:59:16.8 eS 33 Dist. 142 Km.	Jul.28 1965	i 15:51:37 iPKP 22:48:26.7 e(PP) 51:53.9 Compression iP 23:22:45.0 iS 23:03.2 Dilatation from NW Dist. 262 Km.
	eP 05:18:08.9 eS 34.1 Dist. 232 Km.		eP 08:09:12.5 eS 29.5 Small Dist. 150 Km.		29 eP 01:37:42.5 i 43.0 eS 38:02.4 i 04.2 Dist. 189 Km.
	eP 09:43:42 eS 44:15.4 Dist. 304 Km.		ePKP 08:14:15.5 eP 12:04:48 ePKP 12:45:22.5		eP 08:44:45 ePKP 48:12 iPP 49:50 ePKS 51:54 eSKS 55:17 eSP 59:45 ePPS 09:01:22 eSS 06:28 eSSS 10:59 eG 20:16 eR 26:43 Dist. 121°
	e(P) 14:27:16 eS 30 iP 16:11:50.5 iS 53.5 Compression local eP 20:28:10 eS 41.5 eR 29:06 Dist. 295 Km.		eP 12:59:52 eS 13:01:37 Dist. 430 Km. iP 15:08:07.4 iS 20.5 Dilatation from NW Dist. 111 Km.		eP 10:30:33.5 eS 50 Dist. 145 Km. No record from 18:41 to July 30 at 19:35
	eP 20:55:33.4 eS 56:01 Small Dist. 256 Km.	28	eP 18:54:34.4 eS 47 Dist. 106 Km. iP 00:14:32.5 e(S) 15:18 Compression eP 00:22:15.5 eS 48.5 Dist. 310 Km.	30	iP 21:42:50.0 iS 52.8 Compression from W? Local
	eS 21:32:48.5 Small eP 21:45:05 eS 46:07.4 i 31 Dist. 604 Km.		eP 02:26:44 iP 09:25:45.0 i 26:01.2 e(S) 19.2 e 58.5 Compression eP 10:24:09 eS 47 Dist. 360 Km.	31	eP 05:28:11 e 15.6 eS 28.5 e 38.5 Dist. 155 Km. eP 09:42:18.8 iS 50.6 Dist. 298 Km.
27	iP 01:54:44.5 i 55.4 Dist. 89 Km. eP 04:26:03.8 eS 27:28.5 Dist. 227 Km. eP 06:57:12.8 iS 23.2 Small Dist. 84 Km.		eP 13:01:36 eS 02:02.6 Dist. 246 Km.		

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

Jul.23 eP	11:32:54	Jul.30 eP	16:34:38.4	Jul.30 eP	19:02:(06)
1965 eS	33:14	1965 eS	35:21.6	1965	
	Dist. 180 Km.		Dist. 412 Km.	Aug.01 eP	13:08:40.8
				1965	

H. Becker
Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h=73 mts.

Jul.18 eP	12:33:02.6	Jul.29 PKP	08:48:46
1965 eS	27.4	1965 PP	51:14
	Dist. 228 Km.	PKS	52:14
		SP,	09:01:20
e	12:42:38.2	PPS	03:28
		SS	09:12
23 e(S)	19:56:41	SSP	09:36
		SSS	15:04
		G	24:38
		R	22:44
		Dist. 132°	

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h=46 mts.

Jul.23 eP	11:33:04.5	Jul.28 eP	00:13:46.5
1965 eS	27	1965 eS	54
	Dist. 200 Km.		Dist. 60 Km.
eP	14:23:00	30 eP	16:34:07
eS	25.5	eS	27
Dist. 230 Km.		Dist. 165 Km.	
		FELT I	

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 Km.

Jul.27 iP	04:24:49	Jul.29 eP	10:39:36	Jul.30 eP	18:59:55
1965 eS	25:00	1965 eS	43	1965 eS	19:00:35
	Dist. 90 Km.		Dist. 55 Km.		Dist. 360 Km.
29 e(S)	02:16:01	eP	11:20:39	Aug.01 eP	20:28:16
		eS	47	1965 eS	34
		Dist. 65 Km.		Dist. 145 Km.	

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PROVISIONAL READINGS AT ANTARCTIC BASE PEDRO AGUIRRE CERDA

62° 52' S 60° 40' W

May 29 1965	iPg 22:22:11.7 iSg 18.9 Dist. 70 Km.	May 31 1965	iPg 15:39:02.4 iSg 09.3 Dist. 65 Km.	Jun.01 1965	iP 14:45 4.7 iP 15:20:44.8 ePg 15:22:28.2 iPn 31.4 iSg 40.2 Dist. 90 Km. iPg 20:28:45.4 iSg 46.3 local iP 21:00:41.6 iP 21:01:07.5 iP 21:01:59.2 i 02:24.6 iP 21:10:51.8 i 11:06.5 i 22.3 ePg 21:41:21.6 iSg 23.2 Dist. 20 Km. iPg 21:41:43.4 iSg 46.3 Dist. 30 Km. ePg 22:20:17.5 iSg 18.9 local iPg 22:20:48.2 iSg 53.6 Dist. 49 Km. iP 22:40:36.4 ePg 22:42:57.0 iSg 57.6 local iPg 22:49:15.7 iSg 17.6 local iPg 22:54:16.2 iSg 20.4 Dist. 40 Km. iPg 22:56:45.5 iSg 51.3 Dist. 50 Km. iPg 22:59:(50) iSg 59.4 Dist. about 80 Km.
	iPg 22:25:11.5 iSg 14.8 Dist. 35 Km.		iP 15:40:04.7 ePn 21:32:15.0 iSn 27.7 Dist. 88 Km.		
	iPn 22:27:33.3		iP 21:50:38.9		
30	iPg 00:20:51.6 iSg 59.3 Dist. 78 Km.		iPg 22:02:50.1 iSg 56.3 Dist. 50 Km.		
	iPg 01:29:55.8 iSg 30:02.1 Dist. 112 Km.		ePg 22:03:41.1 iSg 43.0 Dist. 20 Km.		
	iPg 01:31:13.9 iSg 16.8 Dist. 68 Km.		iP 22:16:49.7		
	iP 22:19:25.3		iPg 22:23:28.0 iSg 28.7 local		
	iP 22:53:06.4		ePg 22:32:20.4 iPn 22.0 iSg 33.2 Dist. 105 Km.		
	iPg 22:54:37.0 iSg 40.4 Dist. 40 Km.		iP 22:32:57.6		
31	ePg 14:39:51.8 iPn 54.2 iSg 40:01.9 Dist. 90 Km.		iPg 22:33:26.8 iSg 31.4 Dist. 45 Km.		
	iP 14:40:48.5		iP 22:37:57.5		
	iP 14:41:12.3		iP 22:40:09.2		
	iPg 14:45:51.7 iSg 59.4 Dist. 75 Km.		iPg 22:40:26.4 iSg 41.4 Dist. 125 Km.		
	ePn 14:50:52.9 i 58.3 i(Sn) 51:04.1		ePg 22:54:21.2 iSg 21.8 local		
	iP 14:52:28.4 i(S) 40.9		ePn 22:55:39.2 iSn 56:02.4 Dist. 193 Km.		
	iPg 14:53:21.3 iSg 25.5 Dist. 37 Km.				
	iP 15:19:46.7	Jun.01	iP 13:31:20.2		
	iP 15:32:42.6		iP 13:38:58.4		
	ePg 15:37:32.3 iSg 35.3 Dist. 30 Km.		iP 13:43:04.0		
			iP 14:04:58.1		

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 mts.

Aug.01 1965	eP 00:31:41.2 eS 34:08 Dist. 248 Km. Small	Aug.01 1965	iP 16:19:51 eS 20:03.6 Dilatation Dist. 106 Km.	Aug.02 1965	iP 21:30:30.9 iS 38.8 Compression from NW Dist. 59 Km.
	eP 02:41:38 eS 42:(50.5) Dilatation from SW Dist. 685 Km.		eP 18:49:17.4 eS 28.7 Dist. 93 Km.	03	ePKP 02:07:35.5 eP 04:15:13.8 iS 17.5 Dilatation Local
	eP 05:37:27 iS 38 Dist. 90 Km. Small		eP 20:28:52 eS 29:46 Dist. 520 Km.		eP 06:15:13.8 eS 33 Dist. 172 Km. Small
	eP 05:41:56.5 eS 42:07 Dist. 85 Km. Small		e 22:58:37.3 Small		eP 06:34:53 eS 35:12.5 Dist. 175 Km.
	eP* 09:32:24.5 eS 33:04 Dist. 395 Km.	02	eP 02:49:10.7 eS 27.6 Dist. 149 Km. Small		eP 09:11:55 eS 12:24 Dist. 270 Km.
	eP 10:47:17 eS 44 Dist. 250 Km. Small		eP 03:41:29.8 eS 50 Dist. 182 Km.		iP 10:24:21.5 iS 30.5 Dilatation Dist. 70 Km.
	eP 11:55:03 eS 30 Dist. 250 Km. Small		eP 05:23:16 eS 28.2 Dist. 102 Km.		eP 11:23:21.5 eS 24:45.6 Dist. 828 Km.
	eP 12:40:39.2 eS 52 Dist. 108 Km. Small		eP 10:38:18.4 iS 31.7 Dist. 113 Km.		eP 15:29:11.5 eS 49.8 Dist. 363 Km. Small
	eP 12:53:35.5 eS 57.2 Dist. 197 Km.		eP 13:32:15 ePP 35:24 eS 42:28 eG 54:10 eR 58:18 Dist. 82°		iP* 21:42:04.5 iS 17 Dist. 110 Km.
	iP 13:08:23.3 iS 35 Compression from NW Dist. 97 Km.		eP 14:00:26 eS 46.5 Dist. 185 Km. Small		eP 22:12:17 eS 13:04 Dist. 250 Km.
	iP 14:00:11.5 iS 24.5 Dist. 110 Km.		iP 14:14:30.5 iS 42.4 Compression Dist. 99 Km.	04	eP 00:54:12.5 eS 25 Dist. 105 Km.
	ePKP 15:14:10		eP 16:50:55.7		ePKP 01:15:09.5
	eP 15:17:55 eS 18:27 Dist. 300 Km. Small		eP 17:34:54 iS 35:17 Dilatation Dist. 210 Km.		eP 03:44:15.3 eS 43.5 Dist. 262 Km.
	eP 16:00:36.5 eS 01:54 Dist. 757 Km.				eP 04:53:33.4 eS 48.4 Dist. 130 Km.

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PROVISIONAL READINGS AT PELDEHUE

Aug.04 1965	eP 12:51:11.5 eS 52:15 eL 35.6 Dist. 615 Km.	Aug.05 1965	iP 14:53:09.5 iS 32.0 Compression Dist. 205 Km.	Aug.06 1965	eP 08:28:13.6 eS 40 Dist. 244 Km.
	iP 13:27:15.3 iS 31.4 Dist. 141 Km.		eP 15:43:16.2 eS 47.1 Dist. 189 Km. Small		eP 09:28:20 eS 29:45.2 Dist. 832 Km.
	eP 13:52:04.5 eS 31.5 Dist. 270 Km.		eP 16:15:17 eS 45 Dist. 260 Km.		eP 10:40:16.7 eS 45 Dist. 263 Km. Small
	iP 16:16:19.3 iS 37.4 Dist. 161 Km.		eP 17:34:16.2 eS 25 Dist. 68 Km.		eP 14:25:(43) eS 55.3 Dist. about 103 Km. Small
	eP 21:25:17.3 eS 38 Dist. 187 Km. Small		eP 19:31:38.8 eS 43.9 Dist. 31 Km. Small		eP 17:16:20.3 eS 33.5 Dist. 112 Km. Small
	eP 21:30:32.8 eS 45.8 Dist. 110 Km.		iP 20:21:54.7 eS 22:08.2 Compression Dist. 115 Km.		eP 20:31:09.5 eS 49.3 Dist. 378 Km. Small
	iP 23:39:08 iS 35.4 Dilatation Dist. 254 Km.		iP 21:22:03.2 iS 05.6 Compression Local		eP 21:44:54 iS 45:22.5 Dist. 265 Km.
05	ePKP 00:26:48		eP 21:58:27.9 eS 45.5 Dist. 156 Km.		eP 21:58:31 eS 59:11 Dist. 294 Km.
	eP 00:37:16 eS 31.5 Dist. 125 Km. Small		eP 23:12:29.3 eS 49.5 Dist. 182 Km.		eP 23:13:25 eS 48 Dist. 210 Km. Small
	eP 00:50:40 eS 54.5 Dist. 115 Km. Small	06	eP 01:39:49 e 40:56.5 Dist. 655 Km.	07	eP 00:26:39 eS 27:08.4 Dist. 274 Km. Small
	eP 03:48:55.5 eS 49:24.8 Dist. 273 Km.		eP 02:07:55 eS 08:10.8 Dist. 138 Km. Small		eP 02:17:03 eS 31.6 Dist. 266 Km.
	eP 07:50:44 eS 51:53.5 Dist. 575 Km.		eP 04:35:07.5 eS 33.5 Dist. 240 Km.		eP 02:20:17.7 eS 54.2 Dist. 345 Km.
	eP 09:15:20 eS 30.7 Dist. 87 Km.		eP 05:05:32.2 Small local		iP 02:44:11.2 eS 40 Compression Dist. 268 Km.
	eP 11:18:54.5		eP 06:08:02.6 eS 09:34.5 Dist. 905 Km.		eP 04:00:19.3 eS 40 Dist. 187 Km.
	eP 14:18:18.5 eS 40.7 Dist. 202 Km. Small				

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PROVISIONAL READINGS AT PELDEHUE

Aug.07 1965	eP 06:19:47 e 20:16.5 Dist. 275 Km. Small	Aug.08 1965	eP 14:13:18.5 eS 51.5 Dist. 310 Km. Small	Aug.09 1965	iP 23:51:30.5 iS 41.4 Compression from E Dist. 89 Km.
	eP 08:47:06.5 eS 29.7 Dist. 212 Km. Small		eP 14:45:57 eS 46:20.5 Dist. 215 Km. Small	10	eP 11:04:04 iS 25.0 Dist. 190 Km.
	eP 13:46:01.3		iP 21:23:02.3 iS 14.0 Compression from NW? Dist. 97 Km.	11	eP 00:58:06.9 eS 21 Dist. 121 Km.
	eP 15:14:53 eS 15:08 Dist. 130 Km.		iP 21:26:31.4 iS 45.5 Dilatation from NE Dist. 121 Km.		ePKP 03:59:31 eSKKS04:08:23 ePPS 14:16 eSS 18:48 eSSS 24:-- Dist. about 128°
	eS 15:15:52.5				eP 10:09:31.5 iS 40.0 Dist. 65 Km.
	eP 20:40:58.4 eS 41:25.4 Dist. 250 Km.	09	iP 17:22:22.9 iS 45.5 Dilatation from SE Dist. 207 Km.		iP 12:27:14.5 Compression
08	eP 06:34:58.6 e 35:16.5 e 37:09.5 e(S) 36.4		eP 18:28:(44) eS 29:32 Disturbed by micro- seismic storm Dist. 460 Km.		eP 15:42:09.3 eS 23.2 Dist. 119 Km.
	eP 10:16:06.9 eS 18.5 Dist. 96 Km.		iP 23:13:29.5 eS 14:24 Compression from N FELT III AT COPIAPO Dist. 525 Km.		eP 16:46:(31) eS 47:26 Dist. 530 Km.
	eP 11:43:49 eS 44:09 Dist. 180 Km. Small				
	eP 12:16:13				

H. Becker
 Seismologist

PROVISIONAL READINGS AT SANTIAGO
 (SANTA LUCIA)

33° 26' 40" S 70° 38' 54" W h 581 mts.

Aug.04 1965	eP 16:16:39.9
09	eP 23:13:33.5 eS 14:29.5 Dist. 540 Km. FELT III AT COPIAPO

H. Becker
 Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 mts.

Aug.01 1965	e(PKP) 15:16:12 e 18:16	Aug.02 1965	eP 13:30:44 eS 39:22 esS 35 ePPS 40:04 eR 49:36 Dist. 65°
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 Seismologist

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" h 46 mts.

Aug.01 eP 02:40:42	Aug.05 eP 07:49:49	Aug.14 eP 08:32:25.8
1965 eS 41:12	1965 eS 50:12	1965 eS 48.8
Dist. 280 Km.	Dist. 200 Km.	Dist. 190 Km.
03 eP 17:31:04.5	14 eP 06:32:07.8	eP 08:34:52.8
Small	eS 22.8	eS 35:14.8
	Dist. 120 Km.	Dist. 180 Km.

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Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 mts.

Aug.03 eP 11:22:04	Aug.09 iP 23:12:50
1965 eS 08	1965 eS 13:09
Dist. 30 Km.	Dist. 150 Km.
Aug.04 eP 13:50:04	FELT III - IV AT
eS 12	COPIAPO
Dist. 65 Km.	12 iP 16:13:50
	eS 14:13
	Dist. 185 Km.

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts

Aug.11 1965	iP eS Compression Dist. 84Km.	19:25:01.3 11.7	Aug.12 1965	eP e(S) eP eS Dist. 205 Km.	13:33:34.5 34:24 15:40:35.5 58	Aug.14 1965	eP eS Dist. 274 Km. Small	09:48:41.7 49:01.1
	eP eS Dist. 293 Km.	19:50:43 51:14.3		eP eS Dist. about 204 Km.	16:14:22.6 (45)		eP eS Dist. 233 Km.	14:17:33.7 59
	eP i(pP) ePP eSKS e(S) e(SP) Dist. about 105°	22:46:00 13.5 50:24 57:05 58:24 59:51	13	iP eS Dilatation Dist. 204 Km.	05:45:14.2 36.6		eP eS Dist. 268 Km. Small	23:46:19.2 48
12	eP eS Dist. 258 Km.	00:52:23.6 51.4		eP eS Dist. 160 Km.	07:36:55 37:13	15	eP eS Dist. 100 Km. Small	00:00:48 01:00
	iP eS Compression from SE Dist. 96 Km.	01:40:56.5 41:08.4		eP eS Dist. 145 Km.	09:21:19.2 35.7		eP eS Dist. 227 Km. Small	02:47:04.5 29.2
	ePKP Dilatation	01:53:07.7		iP eS Dilatation Dist. 88 Km.	11:31:03.2 14		eP eS Dist. 155 Km. Small	06:09:03 20.5
	iP iS Compression from SE Dist. 93 Km.	02:17:25.3 36.6		eP ePP eSKS ePPS eSS eSSS eG Dist. about 105°	12:54:43 59:05 13:05:34 09:08 14:07 18:29 23:48		eP eS Dist. 160 Km.	12:04:20.5 38.5
	eP eS Dist. 325 Km.	05:37:04.5 39		eP eS Dist. 188 Km.	13:45:19.5 40.3		eP eS Dist. 87 Km.	13:18:57 19:07.7
	eP ePP eSP eSS eSSS eG eR Dist. 105°	07:15:56.8 20:14 29:35 35:26 41:(20) 45:52 50:--	14	eP eS Small Dist. 80 km.	01:39:52.5 40:02.5		eP eS Dist. 229 Km.	22:10:27.8 52.7
	eP eS Dist. 158 Km.	07:17:23.5 41.3		eP eS Dist. 165 Km.	02:33:17.5 36	16	eP eS Dist. 150 Km.	00:39:54.5 40:11.5
	ePKP epPKP ePP e(SKS) eSP eSS eG eR Dist. 127°	13:16:02.5 19.5 18:04 23:15 28:05 35:16 49:-- 57:--		iP eS Dilatation from NE Dist. 140 Km.	02:47:22 38		iP eS Dist. 347 Km.	04:52:03 19.9
				eP iS Dist. 817 Km.	08:33:16.6 34:39.3		eP eS Dist. 347 Km.	10:11:56.5 12:33.2
							e(PKP)	12:24:14.5

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PROVISIONAL READINGS AT PELDEHUE.

Aug.16 e(PKP) 12:26:58.2 1965	Aug.17 eP 22:10:04 1965 iS 35.3 Dist. 293 Km.	Aug.19 eP 00:23:51.3 1965 eS 25:14 Dist. 207 Km.
iP 12:46:11.8 eS 54:06 eSS 57:44 eSSS 13:00:20 Dist. 59.5° Z=35 u; 19 sec. Magnitude 7.3	eP 23:20:25 eS 21:30.3 Dist. 740 Km.	eP 05:02:25.4 eS 43.5 Dist. 165 Km. Small
iP 15:08:10.3 iS 20.8 Dist. 85 Km.	18 iP 10:03:04.9 iS 04:23 Dilatation Dist. 762 Km.	eP 05:26:19.5 iS 38 Dist. 165 Km.
iP 17:14:17.4 eS 32.5 Dist. 131 Km.	eP 11:00:55.5 iS 01:18.9 Dist. 214 Km.	eP 11:41:44.6 iS 42:02.5 Dist. 159 Km.
iP 19:47:10.5 iS 27.8 Dist. 153 Km.	eP 11:13:11 eS 41.8 Dist. 238 Km. Small	eP 13:09:10.3 eS 38 Dist. 257 Km.
eP 20:45:38 eS 46:13.9 Dist. 339 Km. Small	eP 11:27:52 eS 28:49.8 eR 29:17.7 Dist. 558 Km.	eP 13:53:34.2 eS 51 Dist. 148 Km.
eP 22:29:02.7 eS 36.6 Dist. 319 Km. Small	eP 13:28:44.5 eS 29:12 Dist. 255 Km. Small	eP 15:30:07 eS 19.3 Dist. 103 Km. Small
eP 23:59:16.3 eS 45.5 Dist. 272 Km. Small	eP 13:27:28 eS 43.6 Dist. 136 Km.	eP 15:33:25 e 56 eP 21:20:28 e(S) 21:28.5
17 eP 01:42:36.3 eS 43:15.3 Dist. 370 Km.	iP 13:47:52.5 eS 48:13.3 Compression from NE Dist. 188 Km.	20 iP 01:15:12.3 iS 16 Compression from SE Local
iP 03:49:04.3 iS 15.8 Dist. 95 Km.	eP 14:56:42.5	eP 02:06:22 eS 38.5 Dist. 145 Km.
eP 10:54:52.5	eP 21:12:58.5 eS 13:19.2 Dist. 187 Km. Small	eP 06:13:26.5 eS 16:32.8 Dist. 643 Km.
eP 14:11:17.2	eP 22:01:54.8 eS 02:25.5 Dist. 287 Km. Small	e 08:51:06
eP 15:12:50.5 eS 13:02 Dist. 95 Km.	eP 22:07:43 iS 08:15 Dist. 300 Km.	iP 09:46:02.5 eS 48:39 Dilatation from NW FELT IV AT ARICA- IQUIQUE Dist. 14.2°
eP 18:05:12 eS 35.5 Dist. 215 Km.	iP 22:38:14.3 iS 43.5 Compression from SW? Dist. 272 Km.	eP 11:24:02 eS 06 Small local
eP 20:48:22.1 eS 51:06 Dilatation Dist. 15°		eP 11:33:31 eS 35:48.5 Dist. 755 Km.

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PROVISIONAL READINGS AT PELDEHUE

Aug.20 1965	eP 13:43:59 eS 44:16 Dist. 150 Km. Small local	Aug.21 1965	eP 23:12:50.4 eS 13:00.8 Dist. 84 Km. Small	Aug.23 1965	eP 16:30:00.9 iS 23.1 Dist. 202 Km. Small
	eP 19:13:07 eS 14:02 Dist. 530 Km.	22	eP 03:03:08.5 eS 23.6 Dist. 131 Km. Small		eP 16:45:59.6 eS 46:03 Small local
	iP 19:55:23.4 eS 51.8 Dilatation from NW Dist. 254 Km.		eP 03:33:25.6 eS 36:23.3 eSS 42 eSSS 37:16 Dist. 16 $\frac{1}{2}$		eP 16:49:35 eS 52.5 Dist. 155 Km.
	eP 20:51:01		eP 04:10:09 eS 39 Dist. 280 Km. Small		iP 17:16:49.3 iS 17:31.5 Compression Dist. 402 Km.
	eP 21:30:21.6 eS 39.3 Dist. 157 Km. Small		e 10:52:22.5		eP 18:40:28 eS 55.4 Dist. 254 Km.
	eP 21:34:43.5 ePP 38:15 eSKS 45:12 eR 22:02:30 Dist. 88 $\frac{1}{2}$		eP 14:06:50.5 eS 07:31.2 Dist. 387 Km.		iP 19:55:30.5 epP 36.5 iS 20:03:09 Dist. 57 $\frac{1}{2}$
21	eP 08:52:07.5 eS 51.8 Dist. 423 Km. Small		eP 16:58:43.5 iS 59:09.3 Dist. 238 Km.		eP 21:49:16 eS 31.3 Dist. 133 Km. Small
	iP 10:00:23 iS 35.8 Compression from SE Dist. 108 Km.		eP 18:20:34.4 eS 54.4 Dist. 230 Km.	24	e 01:10:28.4
	eP 11:47:57 eS 48:12.5 Dist. 138 Km. Small		eP 20:52:33.8 eS 53:05.7 Dist. 299 Km.		eP 01:22:57.5 eS 23:11.5 Dist. 120 Km. Small
	iP 12:36:38 iS 49.8 Dist. 98 Km.	23	eP 00:49:28.8 eS 54.5 Dist. 237 Km. Small		iP 03:03:09.4 iS 04:35.3 Dilatation from SE Dist. 850 Km.
	eP 14:38:57 eS 39:26.2 Dist. 272 Km. Small		e 03:05:39		eP 04:29:59.7 eS 31:25.5 Dist. 238 Km.
	eP 14:52:59.5 eS 54:07 Dist. 55 Km.		eP 09:45:57.1 eS 46:13.4 Dist. 144 Km. Small		eP 04:33:40.5 eS 35:13.4 Dist. 309 Km.
	eP 16:50:18 eS 45.5 Dist. 255 km.		eP 10:20:30 eS 46.8 Dist. 148 Km.		eP 04:36:40 eS 38:06.5 Dist. 245 Km.
			eP 14:43:43.7 eS 44:53.8 Dist. 681 Km.		e 07:19:24.5

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PROVISIONAL READINGS AT PELDEHUE

Aug. 24 1965	eP 08:41:13.5 eS 26 Dist. 105 Km. Small	Aug. 25 1965	eP 14:35:13 Small	Aug. 26 1965	eP 16:49:36.3 eS 57.8 Dist. 195 Km.
	iP 09:15:09.4 iS 33.8 Dilatation from SW Dist. 224 Km.		eP 14:54:07.5 Teleseism		eP 19:44:12.5 iS 25.7 Dist. 112 Km. Small
	iP 09:31:37.3 iS 55.9 Compression from SW Dist. 166 Km.		iP 15:53:33.3 iS 47.7 Dilatation from NW Dist. 124 Km.		eP 20:37:45.7 eS 38:02.4 Dist. 147 Km. Small
	eP 09:41:10.2 eS 42:47.4 Dist. 352 Km.		eP 16:54:(06) eS 55:02.8 Dist. about 548 Km. Small		eP 21:01:24 iS 41 Dist. 150 Km. Small
	iP 09:50:56.4 eS 51:15.9 Dilatation from SW Dist. 175 Km.		eP 18:36:44.5 eS 37:04 Dist. 175 Km. Small		eP 22:43:42 e(S) 45:07
	eP 10:27:44 eS 28:16.5 Dist. 305 Km. Small		iP 20:26:08.1 iS 16.3 Dilatation from SW Dist. 62 Km.	27	eP 00:48:36.5 eS 49:14.7 Dist. 362 Km.
	eP 12:46:28.4 eS 47:01.6 Dist. 312 Km. Small	26	eP 01:42:06 eS 27 Dist. 190 Km. Small		eP 05:46:58.5 eS 47:23.4 Dist. 229 Km.
	iP 13:10:48.4 iS 11:07.8 Dist. 274 Km. Dilatation		eP 01:43:47 eS 59.5 Dist. 102 Km. Small		eP 10:45:15.6 iS 39 Dist. 214 Km.
	eP 13:36:19.3 eS 37:11.5 Dist. 502 Km.		eP 04:13:07.6 eS 51 Dist. 414 Km.		eP 12:52:(40.5) eS 53:05.8 Dist. about 233 Km.
	eP 16:16:27.8 eS 42.3 Dilatation Dist. 125 Km.		eP 04:26:34.3 eS 47.8 Dist. 115 Km. Small		eP 14:47:23.7 iS 53.2 Dist. 275 Km.
25	eP 03:08:21.2 eS 09:47 Dist. 848 Km.		eP 06:51:51.4 e(S) 52:45		eP 16:56:11.8 eS (34) Dist. about 202 Km.
	eP 09:34:(33.5) eS 35:44.5 Dist. about 690 Km.		eP 07:10:01.8 eS (38.3) Dist. about 345 Km.		iP 17:11:10.5 eS 28.4 Dilatation Dist. 159 Km.
	eP 09:42:43		eP 09:37:26.7 eS 50 Dist. 213 Km. Small		eP 18:17:03.5 eS (51.8) Dist. about 455 Km.
	eP 12:17:13.4 eS 32.8 Dist. 174 Km. Small		eP 12:18:(02) eS 39.5 Dist. about 355 Km.		eP 22:43:57.5 eS 44:06.5 Dist. 70 Km. Small
			iP 15:14:13.6 iS 22.2 Dist. 66 Km.		eP 23:21:20.5 eS 45.6 Dist. 231 Km. Small

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PROVISIONAL READINGS AT SANTIAGO.
 (Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

Aug.09 eP 23:51:29.2	Aug.14 eP 08:33:15.4	Aug.23 eP 17:16:55
1965 eS 37.9	1965 e(S) 34:43.5	1965 eS 17:42.2
Dist. 67 Km.		Dist. 452 Km.
	16 eP 12:46:15.3	
10 iP 11:04:01.8	18 eP 10:03:01.6	eP 19:55:32.5
iS 21.5	eS 04:09.5	epP 38.5
Dist. 177 Km.	Dist. 656 Km.	eS 20:03:13
		eSS 06:58
11 eP 00:58:09.5	eP 22:38:17.5	eSSS 09:16
iS 25.8	eS 51	eR 11:05
Dist. 143 Km.	Dist. 315 Km.	Dist. 55.4°
eP 10:09:(35)		24 eP 03:03:05.2
eS 45.5	19 eP 00:23:52.8	eS 04:42.2
Dist. about 80 Km.		Dist. 957 Km.
	eP 05:26:16.9	
12 eP 01:40:55.4	eS 31.5	iP 09:15:07.8
eS 41:04.7	Dist. 127 Km.	e(S) 30
Dist. 73 Km.		Dilatation
	20 eP 01:15:08.9	eP 09:31:35.5
eP 02:17:23.1	eS 19	
eS 32.6	Dist. 81 Km.	eP 09:50:54.4
Dist. 75 Km.		
eP 16:14:27.3	eP 06:13:27	eP 09:53:08.3
eS 41.8	epP 36.5	
Dist. 125 Km.	eS 16:22.8	eP 13:10:53
	eSS 37.5	eS 11:15
13 eP 05:45:08	Dist. 16.2°	Dist. 200 Km.
eS 35	eP 09:46:07	
Dist. 250 Km.	epP 12.5	eP 16:16:30.5
	eS 49:02.5	
eP 11:31:06.5	eSS 23.5	25 eP 14:54:14.3
eS 20	FELT IV AT ARICA -	eP 20:26:08
Dist. 115 Km.	IQUIQUE	eS 16.5
		Dist. 65 Km.
14 eP 02:47:24.5	eP 21:34:43.5	27 eP 10:45:10.5
eS 42.6	Teleseism	eS 35.7
Dist. 161 Km.		Dist. 232 Km.
	21 eP 12:36:39.9	iP 17:11:07
	eS 53	eS 23.3
	Dist. 111 Km.	Dist. 143 Km.

H. Becker
 Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h=73 mts.

Aug.18 eP 10:10:11	Aug.20 eP 21:34:05.4	Aug.24 eP 05:13:31.7
1965 eS 11:38	1965 eS 44:14	1965 eS 57
Dist. 858 Km.	eR 59:05	Dist. 233 Km.
	Dist. 82°	
20 iP 09:49:21.6	20 iP 19:57:35	
eS 54:43	ePP 20:00:20	
eSS 57:10	ePPP 02:04	
eR 10:00:18	eS 07:01	
Dist. 34 $\frac{1}{2}$ °	eSS 11:42	
	eSSS 14:56	
	eR 20:24	
	Dist. 73.7°	

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PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 mts.

Aug.11 eP 03:21:37	Aug.19 eP 00:22:55	Aug.24 eP 03:02:16
1965 eS 45	1965 eS 23:15	1965 eS 37
Dist. 65 Km.	Dist. 165 Km.	Dist. 180 Km.
e 22:54:(00)	eP 13:08:16.5	eP 04:29:06.5
Distant shock	eS 36	eS 28
	Dist. 160 Km.	Small
12 eP 20:29:27	20 eP 09:46:53	Dist. 185 Km.
iS 31.5	eS 50:17	eP 04:32:48
Dist. 35 Km.	Dist. 2.050 Km.	eS 33:08.5
	Distant shock	Small
18 eP 10:02:09	eP 19:12:22	Dist. 175 Km.
eS 28	eS 29.5	eP 09:51:22.5
Dist. 150 Km.	Dist. 60 Km.	eS 53.5
FELT I		Dist. 290 Km.
eP 11:00:04.5	21 eP 16:49:24.5	28 eP 01:02:20
iS 24	eS 43	eS 26
Dist. 160 Km.	Dist. 150 Km.	Dist. 50 Km.
eP 11:26:57	23 eP 19:55:50	29 eP 21:36:09.5
eS 27:17	eS 20:03:35	eS 46
Dist. 165 Km.	Distant shock	Dist. 350 Km.
	Dist. 6.300 Km.	

 A. Sickinger
 Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h=384 Km.

Aug.20 eP 09:44:(48)
1965 eS 46:(43)
Dist.1070 Km.

 L. Cabello
 Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h=80 mts.

Aug.20 iP 06:13:52.8	Aug.23 eP 19:54:30	Aug.25 iP 21:53:06.6
1965 Distant shock	1965 i 33.0	1965 iS 43.4
	i(P) 39.5	Dist. 348 Km.
iP 09:43:57.1	e 55:47	
i(S) 44:38	e(S) 20:01:13	
i 49	e(S) 20	
Compression from SSW	e 04:03	
	eSS 25	
iP 11:31:17.5	eR 08:00	
iS 24	Dist. 46°	
Compression	Aftershock	
FELT AT TOCOPILLA	25 iP 14:52:02.9	
Dist. 45 Km.	iS 53:09.5	
	Dist. 650 Km.	

 J. Frez
 Seismologist

Chile
Aug - Sept 1965

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 mts.

Aug.28 1965	eP e Small	01:04:10 32.7	Aug.29 1965	iP eS Compression from N Dist. 252 Km. Small	03:54:07.5 34.7	Aug.30 1965	eP eS Dist. 124 Km.	11:16:11.3 25.7
	eP iS Dist. 92 Km.	03:07:05.8 17		eP e(S) Dist. 440 Km.	07:21:17.5 22:03.5		iP iS Dilatation Dist. 64 Km.	11:34:23 31.4
	eP iS Dist. 134 Km. Small	05:01:26 41.4		eP eS Dist. 167 Km.	09:58:17.3 36		eP eS Dist. 55 Km. Small	12:11:41 48.5
	eP eS Small local	05:16:17 20.5		eP eS Dist. 290 Km.	10:12:24.3 55.3		eP eS Dist. 59 Km. Small	12:28:03.5 11.4
	eP eS Dist. 185 Km.	06:02:22 42.5		eP eS Dist. about 105 Km.	11:08:(23.5) 36		eP eS Dist. 240 Km. Small	14:54:53.5 55:19.5
	eP	11:02:44.3		eP eS Dist. 239 Km.	12:24:46.6 25:12.5		iP e(S) Near Explosion	16:15:23.9 27
	eP eS Dist. 665 Km.	12:36:02.8 37:11.3		eP eS Dist. 217 Km.	13:23:53.8 24:17.5		eP eS Dist. 125 Km.	17:24:01 15.5
	eP iS Dist. 70 Km.	14:20:(03.1) 21:13.3		eP eS e Dist. 800 Km.	21:36:58.4 38:20 45		iP iS Compression Dist. 214 Km.	18:45:17.1 40.5
	eP iS Dist. 80 Km.	14:44:32 41		eP eS Dist. 195 Km.	21:48:01 22.5		eP eS Dist. 302 Km.	20:29:53.8 30:26
	e	23:53:03.5	30	eP eS Dist. 90 Km. Small	00:24:27 38		eP eS Dist. about 633 Km.	20:34:(37) 35:42.3
29	eP eS Dist. 333 Km. Small	00:36:06.7 42		eP eS Dist. 361 Km. Small	02:23:20.5 58.6		eP eS Dist. 115 Km. Small	22:31:04 17.5
	eP eS Dist. 375 Km. Small	00:47:51 48:20.5		eP eS Dist. 233 Km. Small	08:00:29 54.3	31	eP eS Dist. 238 Km. Small	03:48:29.2 55
	eP eS Dist. 97 Km. Small	01:54:24.7 18.2		eP eS Dist. 135 Km. Small	09:32:47 33:02.5		eP Compression	04:05:42.5

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PROVISIONAL READINGS AT PELDEHUE.

Aug.31 1965	eP 04:14:55.4 eS 15:06 Dist. 86 Km. Small	Sept.01 1965	iP 00:01:52.3 eS 02:(46.5) Dilatation from NW Dist. 522 Km.	Sept.02 1965	iPn 04:40:25.0 iPg 30.5 iSn 49.5 Dilatation from NE Dist. about 270 Km.
	iP 05:13:32.6 eS 44.3 Dilatation Dist. 97 Km.		eP 01:57:13 eS 58:06 Dist. 510 Km.		eP 07:15:42.8 iS 16:06.2 Dist. 214 Km.
	iP 05:22:23.2 iS 31.5 Compression Dist. 63 Km.		eP 03:11:46.5 eS 54.5 Dist. 60 Km. Small		iP 08:34:43.5 iS 35:14 Dilatation Dist. 285 Km.
	e(P) 06:46:32 eS 47:12.2		eP 03:51:17.3 eS 34.3 Dist. 150 Km.		eP 09:46:10.2 e 54.4 Dist. 422 Km.
	eP 08:08:47.7		iP 04:03:19.8 eS 54.5 Dilatation Dist. 327 Km.		eP 12:29:14.4 eS 45 Dist. 286 Km.
	eP 09:21:14.4		iP 04:47:58.7 Dilatation		iP 14:55:26 eS (42.5) Dilatation from NW Dist. about 145 Km.
	eP 11:22:(07.5) eS 23:05 Dist. about 555 Km.		eP 05:00:03.3 Compression		iP 22:52:34.8 iS 50.1 Dilatation from N Dist. 133 Km.
	eP 13:29:15.4 eS 29.1 Dist. 117 Km.		eP 05:17:53.2 eS 19:06 Dist. 108 km.	03	eP 00:20:33 eS 21:(05.5) Compression from NW Dist. about 315 Km.
	eP 14:26:(03.5)		eP 05:25:40.5 eS 26:03.5 Dist. 210 Km.		eP 05:08:23.4 eS 54 Dist. 286 Km.
	eP 15:59:48.5 eS 16:00:(05.5) Dist. about 150 Km.		eP 15:36:34 eS 55.6 Dist. 196 Km. Small		eP 05:44:32.4 eS 46:14.7 Compression from SW? Dist. 9.2°
	eP 16:25:(05.5) eS 27.6 Compression Dist. 201 Km.		eP 23:00:42.6 eS 55 Dist. 104 Km.		
	eP 18:12:24.8 eS 41.8 Dist. 150 Km. Small	02	eP 00:53:55.2 iS 54:08 Dist. 108 Km. Small		eP 08:28:30.5 eS 40.9 Dist. 84 Km. Small
	eP 20:02:10.5 Dilatation		eP 01:22:33.3 eS 23:04.7 Dist. 294 Km. Small		eP 10:23:05.4 eS 16.5 Dist. 91 Km. Small
	eP 20:31:11.8 iS 24.7 Dist. 109 Km.		eP 03:03:13.5 eS 30.4 Dist. 149 Km. Small		eP 10:27:14.8 iS 26.1 Dist. 93 Km. Small
	iP 22:07:16.5 eS 30.2 Dilatation Dist. 137 Km.				
	eP 23:21:11.4 eS 30.3 Dist. 169 Km.				

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PROVISIONAL READINGS AT PELDEHUE.

Sept.03 eP 10:47:28.4	Sept.04 eP 22:59:49.5	Sept.05 eP 16:05:19
1965	1965 iS 23:00:06	1965 eS 06:06
eP 14:29:12.5	Dist. 145 Km.	Dist. 450 Km.
eS (26.5)	Small	
Dilatation from N		eP 22:46:10.1
Dist. about 120 Km.	05 eP 00:09:34.5	eS 21.3
	eS 55.5	Dist. 88 Km.
eP 15:18:30.3	Dist. 190 Km.	Small
eS 42.5	Small	
Dist. 102 Km.		06 eP 01:47:09.5
	eP 01:48:14.5	eS (56.5)
eP 22:24:58.3	eS (46)	Dist. 450 Km.
eS 25:21.2	Dist. about 295 Km.	
Dist. 109 Km.		eP 03:53:(25.5)
Small	eP 04:20:01.3	
04 eP 02:55:40	eS 50.5	eP 07:24:30
eS 56:04.5	Dist. 472 Km.	eS 25:09.4
Dist. 225 Km.	Small	Dist. 374 Km.
Small		
eP 06:57:48.5	eP 05:48:27.1	eP 08:21:51.8
eS 58:05	iS 52.5	iS 22:08.6
Dist. 145 Km.	Dist. 234 Km.	Compression from NW
Small		Dist. 148 Km.
eP 08:45:44	eP 07:04:43.6	
Small	eS 05:16.4	iP 12:02:10
	Dist. 308 Km.	Dilatation
	Small	
eP 14:43:20	eP 07:47:15.4	eP 14:29:51.3
eS 32.5	iS 26	eS 30:04.2
Dist. 105 Km.	Dist. 86 Km.	Dist. 109 Km.
Small	Small	Small
ePP 14:52:25	eP 08:38:16.5	eP 17:56:35.7
eS 58:10	iS 38.5	eS 57:18.8
eSP 15:01:54	Dist. 200 Km.	Dist. 411 Km.
eSS 08:47		Small
eSSS 12:10	eP 10:16:41.9	
eG 19:33	iS 55.7	iP 21:21:18.5
eR 24:--	Dist. 118 Km.	
Dist. about 112"	eP 10:52:04.4	07 eP 01:34:06.6
Doubtful interpretation	eS 58.5	eS 30.6
	Compression	Dist. 220 Km.
eP 16:58:53	Dist. 521 Km.	
eS 59:18		iP 04:40:29.3
Dist. 230 Km.	iP 11:58:43.3	iS 45
	iS 56.8	Dilatation from NW?
eP 19:35:19.5	Compression	Dist. 137 Km.
e 36:54.5	Dist. 115 Km.	
		eP 06:27:26
eP 21:42:37.5	eP 12:01:40	eS 42.6
e(S) 46:51.0	eS 02:12	Compression from SE
	Dist. 300 Km.	Dist. 146 Km.
eP 22:03:55.8		
iS 04:11	eP 13:37:02	iP 06:46:50
Dist. 132 Km.	eS 15.3	eS 48:17.3
	Dist. 113 Km.	Dilatation
eP 22:43:18.6	Small	Dist. 213 Km.
		eP 07:17:16.2

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PROVISIONAL READINGS AT PELDEHUE.

Sept.07 1965	eP 07:39:40.8 iS 55 Dist. 122 Km.	Sept.07 1965	iP 13:16:45.4 iS 17:10.5 Compression from NE Dist. 231 Km.	Sept.08 1965	eP 00:29:41.8 eP 06:16:(44.5) eS 17:07.8 Dist. about 213 Km.
	eP 07:45:37.6 eS 54.8 Dist. 152 Km. Small		eS 13:25:21.5 eP 13:58:05.2 eS 21 Dist. 138 Km. Small		iP 07:20:54.3 eP 08:48:48.7 eS 49:08.5 Dist. 182 Km.
	eP 08:20:34.8 iS 50.8 Dist. 140 Km.		iP 15:49:29 Dilatation eP 18:05:41.5 eS 06:00.5 Dist. 170 Km.		eP 09:59:30.4 eS 50.3 Dist. 178 Km.
	eP 11:45:08.6 eS 46:13 Dist. 624 Km.		eP 21:42:51.6 eS 43:10 Dist. 164 Km.		eP 11:47:21.5 eS 41 Dist. 175 Km.
	eP 11:49:55 eS 50:39.7 Dist. 407 Km.		eS 22:29:45.5 Small eP 23:18:18.2 eS 36.6 Dist. 164 Km.		eP 11:58:24.5 eP 13:59:(11) eS 20 Dist. 70 Km.
	eP 12:09:06.7 eS 23 Dist. 143 Km.				
	eP 13:05:37.4 eS 50.6 Dist. 112 Km.				

H. Becker
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 mts.

Aug.28 1965	eP 06:02:20.3 eS 39.8 Dist. 175 Km.	Sept.01 1965	eP 00:01:56.1 eP 05:17:58.8 e 19:23.5	Sept.07 1965	eP 04:40:32.4 iS 51 Dist. 166 Km.
	eP 14:44:32.5 eS 41.5 Dist. 70 Km.	02	eP 04:40:22.5 eS 45.7 Dist. 212 Km.		eP 06:27:29.5 eS 49.5 Dist. 180 Km.
29	eP 21:36:58.7 e 38:57.7	03	eP 00:20:36.5 eS 21:05.5 Dist. 270 Km.		eP 06:46:45.5 eS 48:15 Dist. 880 Km.
30	eP 16:15:27.5 eS 31.6 Near Explosion?		eP 05:44:34 eS 46:18.7 Dist. 9.4°		eP 07:39:44 eS 58 e 40:19.5 Dist. 120 Km.
31	eP 05:13:35.7 eS 49.6 Dist. 119 Km.		eP 14:29:16.8 eS 30:18 Dist. 592 Km.		eP 08:20:38 eS 58.3 Dist. 183 Km.
	iP 05:22:24 iS 33.5 Compression Dist. 75 Km.	05	eP 10:52:(10) eS 53:04.5 Dist. 525 Km.	08	eP 20:40:20.5 iS 35 Dist. 125 Km.
	eP 22:07:17.5	06	eP 08:21:55.5 eS 22:15.8 Dist. 183 Km.		eP 21:24:25.6 eS 39.5 Dist. 119 Km.

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PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h=384 mts.

Sept.01 eP	00:01:16	Sept.02 eP	09:45:06	Sept.05 eP	10:51:17
1965 eS	39	1965 eS	19	1965 eS	32
Dist. 185 Km.		Dist. 105 Km.		Dist. 120 Km.	
eP	05:17:10	03 eP	14:28:44	06 eP	03:52:07
eS	26	eS	29:14	eS	13
Dist. 130 Km.		Dist. 260 Km.		Dist. 50 Km.	

L. Cabello
Seismologist.

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SEPTEMBER 21 1965

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

*Chile (Pelde
 (Samborero)
 Sept 1965*

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PROVISIONAL READINGS AT PELDEHUE.

33° 08' 37" S 70° 41' 07" W h=690 m

Sep.08 1965	iP 20:40:23.7 iS 41.1 Compression Dist. 154 Km.	Sep.10 1965	eP 16:55:24.5 eS 45.2 Dist. 187 Km.	Sep.11 1965	eP 19:53:44.7 eS 54:15.7 Dist. 290 Km.
	iP 21:24:22 iS 33 Dilatation from NE Dist. 90 Km.		iP 19:45:44.5 Dilatation		eP 20:19:23.6 eS 41 Dist. 154 Km.
	e(P) 22:26:27 eS 27:04.3		eP 19:51:48.1 eS 52:18 Dist. 279 Km. Small		eP 20:32:57 eS 33:15.8 Dist. 168 Km.
	eP 23:32:28.3 eS 53.5 Dist. 232 Km.		eP 20:31:(06.5) eS 32:15 Dist. 665 Km.	12	eP 00:13:(30) eS 57 Dist. about 255 Km.
09	eP 00:03:41.2 eS 57.6 Dist. 144 Km. Small		eP 20:36:(29.5) eS 40.8 Dist. 93 Km.		iPKP 08:59:08 ePP 09:00:48 eSP 11:10 eSS 18:04 eR 37:04 Dilatation. Dist. about 127 ¹ / ₂
	eP 10:10:12.5 epP 19.5 eS 16:32 eSS 19:46 eG 20:59 eR 22:17 Dist. 44°	11	eP 00:08:06 eS 25 Dist. 170 Km.		eP 10:44:08 eS 38.3 Dist. 283 Km.
	e(P) 10:55:46.7 eS 56:08.6 Small		eP 02:08:43.3 eS 09:05.5 Dist. 202 Km.		eP 15:32:03.4 eS 15 Dist. 96 Km. Small
	eP 11:24:58.3 iS 25:16.7 Dist. 164 Km.		eP 02:36:01.5 eS 30.5 Dist. 270 Km.		eP 15:47:27 eS 35.5 Dist. 65 Km. Small
	eP 16:11:26.2 eS 58.2 Dist. 300 Km.		eP 05:24:42.6 iS 56.6 Dilatation Dist. 120 Km.		eP 15:53:23.5 eS 37.3 Dist. 118 Km.
10	eP 00:11:11 eS 45.5 Dist. 325 Km. Small		ePKP 07:11:53.5 ePP 13:40 eSP 23:42 eSS 30:50 eR 51:30 Dist. about 125°		eS 17:40:20
	eP 06:59:51.5 eS 07:00:06.7 Dist. 132 Km. Small		eP 12:27:54.6 iS 28:20.7 Dist. 241 Km.		eP 20:26:18 eS 30:12 eSS 53 eR 31:52 Dist. 22°
	iP 07:55:20.6 eS 31.7 Dilatation from S Dist. 91 Km.		iP 12:48:23.6 iS 38.6 Dilatation from NW Dist. 130 Km.		eP 22:13:51.2
	eP 15:44:40.8 eS 53.6 Dist. 108 Km. Small		eP 14:04:42.4 eS 05:14 Dist. 296 Km.	13	eP 02:16:39 eS 17:00.5 Dist. 195 Km. Small
			eP 19:49:43.8 eS 50:03 Dist. 172 Km. Small		eP 12:14:37.8 eS 15:(59) Dist. about 192 Km.
					eP 14:38:06.3 eS 36.5 Dist. 282 Km.

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PROVISIONAL READINGS AT PELDEHUE.

Sep.13 1965	eP 16:20:45 eS 24:45 Dist. 22°	Sep.15 1965	eP 13:56:24.3 eS 36.9 Dist. 106 Km. Small	Sep.17 1965	eP 10:44:(21.5) eS 52 Dist. about 235 Km. Small
	eP 21:54:43 eS 56.5 Dist. 115 Km.		eP 19:38:10 eS 25.2 Dist. 132 Km.		eP 10:57:07.5 eS 16.5 Dist. 70 Km. Small
	eP 22:03:02 eS 47.5 Dist. 435 Km.	16	eP 10:59:35 eS 56.3 Dist. 193 Km.		iP 11:20:07.4 i 09.1 ePP 21:06.7 eS 25:09 eG 26:11 eSSS 27:28 Dilatation from NNW Dist. 31 $\frac{1}{2}$ °
	eP 23:49:35.7 iS 50:43 Dist. 653 Km.		eP 11:10:55.5 eS 11:09.5 Dist. 125 Km.		eP 11:54:21.3 eS 55.4 Dist. 321 Km.
14	eP 07:33:04.7 eS 21 Dist. 143 Km. Small		eP 11:35:41.5 Small		eP 14:09:59.5 eS 10:31.3 Dist. 298 Km.
	iP 08:47:09.3 Dilatation		eP 12:02:(10) Small		eP 14:57:(38.5) eS 58:05 Dist. 245 Km.
	eP 13:49:28.6 iS 52.5 Dist. 219 Km.		eP 13:36:55.5 eS 37:08.3 Dilatation from NW Dist. 108 Km.		eP 15:38:30.8
	eP 14:29:48.1		eP 14:09:38 e 42.4 e 10:21.5		eP 16:08:30.2 eS 54.4 Dist. 223 Km. Small
	eP 15:54:57.5 Small local		eP 20:09:14.1 eS 10:06.3 Dilatation Dist. 502 Km.		eP 16:41:07.3 ePP 44:50 eS 51:49 eG 17:05:22 Dist. about 90°
	eP 20:59:46 eS 21:00:02.5 Dist. 145 Km.	17	eP 02:11:54.2 eS 12:03.2 Dist. 70 Km. Small		iP 16:52:09.6 eS 38.7 Dilatation from NE Dist. 271 Km.
	eP 22:45:35.5 eS 52.4 Dist. 149 Km. Small		iP 07:44:31.3 eS 43.7 Dilatation Dist. 104 Km. Small		eP 19:42:29.7 eS 48.3 Dist. 166 Km. Small
15	eP 01:50:47.7 eS 51:(57) Dist. about 673 Km.		eP 08:18:05.5 eS 50.5 Dist. 430 Km. Small		eP 19:44:27.3 iS 40.3 Dist. 114 Km. Small
	eP 03:12:16.3 eS 57.3 Dist. 390 Km. Small		eP 09:54:30.9 eS 47.3 Dist. 144 Km. Small		
	eP 03:33:34 eS 34:06 Dist. 300 Km.				
	eP 05:59:56 iS 06:00:10.5 Dilatation Dist. 125 Km.				

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PROVISIONAL READINGS AT PELDEHUE.

Sep.17 1965	eP 21:06:26.1 iS 07:36.1 Dist. 680 Km. Small	Sep.18 1965	eP 22:23:04 19 eP 04:05:33.7 eS 54 Dist. 180 Km. eP 09:07:17.7 eP 10:15:46 eS 16:23.7 Dist. 360 Km. Small eP 10:45:18.5 eS 39 Dist. 180 Km. eP 15:33:(40) eS 34:22.5 Dist. about 560 Km. iP 19:49:00.7 iS 18 Compression Dist. 150 Km. eP 22:11:34 iS 50.7 Small Dist. 150 Km.	Sep.20 1965	eP 03:58:31 iS 35.2 Small local eP 07:33:44.5 eS 34:01 Dist. 145 Km. eP 09:33:48 e(S) 35:10 eP 11:56:55.5 e(S) 57:30 Small eP 12:24:19 Small iP 14:41:35.5 iS 48.2 Dilatation from NW Dist. 107 Km. iP 15:31:50.0 iS 32:00 Compression from NE Dist. 80 Km. eP 16:20:02.5 eS 45 Dist. 410 Km. iP 17:28:05.0 iS 15.1 Small local Dist. 81 Km.
18	eP 00:10:23.2 iS 55.8 Dist. 306 Km. eP 02:49:43.3 eS 51:(12) Dist. about 875 Km. eP 03:47:56.7 eP 14:56:(45) eS 57:16.1 Dist. about 291 Km. eP 17:29:13.4 eS 31.6 Dist. 160 Km. Small eP 17:33:42.2 eS 53.5 Dist. 93 Km. Small eP 20:14:29.2 eS 15:04.5 Compression Dist. 333 Km. eP 21:26:29.5 eS 27:06.8 Dist. 350 Km. eP 21:52:50 eS 53:14 Dist. 220 Km. Small	20	eP 00:08:52 eS 09:24 Small Dist. 300 Km. eP 01:41:21.5 iS 35.7 Compression Dist. 122 Km.		

 H. Becker
 Seismologist.

PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h=73 m

Sep.04 1965	ePKP 14:54:07 epPKP 28 eSP 15:06:08 eSS 13:06 eR 34:08 Dist. about 128°	Sep.06 1965	eP 22:48:36.7 07 eP 05:57:48.7 eS 58:40.5 Dist. 500 Km. 09 eP 10:24:46 e 27:45 e 30:31	Sep.10 1965	eP 15:27:17 eS 39.3 Dist. 200 Km. 11 eP 07:21:50 eR 45:00 14 eP 09:42:07.3 eS 28.9 Dist. 200 Km.
06	eP 20:37:18 eS 38:18.3 Dist. 580 Km.				

 E. Lorca
 Seismologist

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PROVISIONAL READINGS AT SANTIAGO
 (Santa Lucía)

33° 26' 40" S 70° 38' 54" W h=581 m

Sep.09 eP 1965	10:10:14.8	Sep.12 ePKP 1965	08:59:08	Sep.17 eP 1965	11:20:10.2
10 eP iS	07:55:18 21.8	eP	20:26:18.4	eP	11:54:23.5
11 ePKP	07:11:54.7	13 eP	16:20:(43)	18 eP eS	20:14:31 15:07.5
eP	12:48:27	14 eP eS	13:49:(29) 55	Dist. 345 Km.	
eP	14:04:45	Dist. 240 Km.		19 eP	04:05:31.8
eS	05:18.3	15 eP	01:50:52.8	eS	51.4
Dist. 313 Km.		eS	52:(04.0)	Dist. 176 Km.	
eP	20:32:54.3	Dist. 692 Km.		iP	19:48:57.4
eS	33:11.5	16 eP	13:36:59.2	iS	49:12.0
Dist. 152 Km.		eS	37:13.7	Compression	
		Dist. 125 Km.		Dist. 126 Km.	
				20 iP	15:31:51.2
				Compression	
				H. Becker	
				Seismologist	

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h=46 m

Sep.07 eP 1965	06:45:57	Sep.07 eP 1965	11:49:25	Sep.09 eP 1965	16:37:02
eS	46:20	eS	48	iS	06
Dist. 205 Km.		Dist. 205 Km.		Dist. 35 Km.	
				A. Sickinger	
				Seismologist	

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h=80 m

Jun.01 1965	iP 18:13:18.9 e(S) 54.5 i 55.8 Compression from E	Jun.02 1965	eP 23:48:42.7 ePP 50:22 eS 55:27 eSS 58:42	Jun.05 1965	iP 13:09:21.5 Compression
	e(S) 18:41:02	03	eR 00:02:18 PZ 0.10 u; 1.1 sec. MH 14.1 u; 20 sec. Mag. 5.7 From NE Dist. about 47°-48°		eP 15:32:35.5 i 42.0 iS 33:26.0 Dist. 480 Km.
	eP 18:56:49 e(S) 58:16.5 i 26.5		iP 11:04:57.4 i 05:05.2 e(SS) 14:25 e(Lg) 18.5 PZ 0.08 u; 0.9 sec. MH 3.4 u; 20 sec. Mag. 5 1/4 Dist. 42°		eP 17:58:10.9 eS 38 Dist. about 240 Km.
	eP 21:33:52 eS 34:13.5 Dist. about 190 Km.		iP 19:41:49.0 iS 55.3 Compression from NE Dist. 50 Km.	06	eP 00:02:14.5 iS 33.5 Compression from ENE Dist. 160 Km.
	e(P) 23:19:26.5 eS 46		e(P) 21:57:39.7 i 40.4 iS 54.5		iP 06:11:26.7 iS 12:02.0 Compression from ESE PZ 2.1 u; 0.6 sec. Dist. 320 Km.
	eP 23:20:39 eS 21:02.4 i 05.4 Dist. about 200 Km.		eP 22:33:57.5 e 34:14 e 20.5 iS 32.0 Two Shocks?		iP 06:24:27.4 iS 34.0 Compression from N Dist. 50 Km.
02	eP 02:09:03 e(S) 12:04 e 31.5	04	e(P) 03:24:39.5 eS 30:00.7		eP 07:14:22.5 iS 47.5 Dist. 220 Km.
	iP 06:36:06.3 eS 46.9 Compression Dist. 370 Km.		eP 08:10:18 (Compression)		eP 07:43:57.5 e 44:24.5 eS 50.4 Dist. 510 Km.
	eP 12:04:27 eS 52.9 Dist. about 239 Km.		iP 08:51:43.8 iS 52:19.6 Compression from E Dist. 320 Km.		eP 10:42:23.2 e 26.8 e 51 iS 55.4 Dist. 290 Km.
	iS 12:05:57.4 Perturbed by the previous shock	05	ePKP 04:08:53.5 i 09:00.0		e(P) 12:34:27 e 33.5 i 42.8 eS 36:32 i 40.0 Dist. about 10°
	eP 13:25:47.6 i 50.5 i 26:04.3 iS 22.6 Dist. 310 Km.		eP 12:48:17		e(P) 13:32:57 i 33:11.5 e(S) 34:47
	eP 15:54:54.9 eS 55:32.4 (Compression) Dist. 340 Km.		eP 12:52:17 ePP 55:38 eS 59:34 eSS 13:03:16 eG 04:14 eR 07:28 Dist. 52°		
	iP 17:18:44.3 iS 19:09.3 Compression from E Dist. 420 Km.				
	eP 22:14:05.1 e(S) 18				

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PROVISIONAL READINGS AT ANTOFAGASTA

<p>Jun.06 eP 19:41:17.7 1965 eS 56.5 Compression from E Dist. 350 Km.</p> <p>iP 22:28:03.9 iS 29.8 Compression from ENE Dist. 230 Km.</p> <p>07 eP 01:34:29 eS 35:14 Dist. About 420 Km.</p> <p>eP 02:27:17.5 e 39.5 iS 44.5 Dist. 240 Km.</p> <p>eP 05:02:33.5 eS 58.8 Dist. 220 Km.</p> <p>eP 05:29:23.6 eS 47.5 Dist. 210 Km.</p> <p>eP 06:43:56 e 44:21.4 eS 30 i 33.8 Dist. about 310 Km.</p> <p>eP 07:37:17 eS 39:01 Dist. about 420 Km.</p> <p>eP 08:18:55.0 iS 19:25.1 Dist. 260 Km.</p> <p>eP 12:27:45.3 e 28:03.3 e(S) 05.9</p> <p>eP 13:45:35.9 i 36.3 eS 46:16.4 From E Dist. 360 Km.</p> <p>eP 15:50:50.6 eS 51:22 Dist. about 270 Km.</p> <p>eP 16:48:13 eS 40 Dist. about 230 Km.</p>	<p>Jun.07 eP 17:52:01.0 1965 i 02.9 i 09.4 e(S) 53:06 eG 31 eR 42 Compression from E Dist. 6°</p> <p>eP 19:47:09.0 eS 53.5 Dist. 410 Km.</p> <p>eP 20:37:29.4 eS 38:05.3 Dist. 320 Km.</p> <p>eP 21:54:22 e 55:09 eS 22.5 Dist. about 570 Km.</p> <p>08 iP 04:51:59.4 eS 52:45.1 Dilatation from ENE Dist. 430 Km.</p> <p>eP 06:34:34.0 eS 35:09.1 i 11.5 Dist. 310 Km.</p> <p>iP 10:01:22.4 eS 59.0 Dist. 330 Km. Compression</p> <p>09 eP 03:01:55.1 i 55.5 eS 02:40.5 Compression from ENE Dist. 430 Km.</p> <p>eP 04:54:(40) e 47.5 e(S) 56:14 i 40.9 From S</p> <p>eP 06:32:30.7 e 33:25.4 eS 34.5 Dist. 620 Km.</p> <p>iP 08:05:03.8 i 28.4 iS 41 Compression from S Dist. 340 Km.</p>	<p>Jun.09 iP 11:28:28.9 1965 iS 42.4 Compression from SE Dist. 110 Km.</p> <p>eP 17:20:01.7 iS 38.5 Dist. 330 Km.</p> <p>eP 22:08:45.4 iS 09:23.0 Compression Dist. 340 Km.</p> <p>iP 22:29:46.7 iS 30:32 Dilatation from E Dist. 420 Km.</p> <p>10 eP 07:11:06.2 eS 42.6 i 44.0 Compression Dist. 330 Km.</p> <p>eP 08:08:54.5 eS 09:18.5 Dist. 210 Km.</p> <p>eP 08:55:39.8 eS 56:16.0 Compression Dist. 320 Km.</p> <p>iP 09:08:21.5 eS 49.5 Dilatation from NW Dist. 240 Km.</p> <p>eP 12:37:02.0 eS 28.0 Dilatation Dist. 220 Km.</p> <p>11 eP 00:44:03.3 eS 43.2 Dist. 360 Km.</p> <p>eG 01:48:36 eR 49:38</p> <p>ePKP 03:53:10 epPKP 32.6 e 45.5 iSKP 56:40 eSKS 04:00:16 e(SKKS) 03:31 ePS 06:48 eSS 14:50 e 15:18 eSSS 20: eG 31:04 eR 37:50 (h=70 Km.) Dist. 141°</p>
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PROVISIONAL READINGS AT ANTOFAGASTA.

Jun.11 1965	iP 04:03:10.9 eS 55.0 Dilatation from ENE Dist. 410 Km.	Jun.12 1965	eP 18:51:05 i(S) 26 Compression from NNE	Jun.16 1965	eR 03:00:32 From W
	eP 04:52:05.5 eS 42.3 Dist. 340 Km.		e(P) 20:59:03.3 e(S) 36.6		eP 04:02:30 ePP 03:57 e 04:21 iS 08:30 eG 11:15 eR 12:45 MH 36 u; 20 sec. Mag. 6.0 From WSW Dist. about 39°
	iP 07:15:19.6 eS 39.7 i 41.4 Dilatation from E Dist. 170 Km.		iP 21:34:22.4 iS 31.0 i 31.7 Dilatation from N Dist. 70 Km.		eP 05:31:38.3 eS 32:19.3 (From E) Dist. 380 Km.
	iP 08:32:15.3 iS 22.6 Small local Dilatation Dist. 60 Km.	13	iP 00:33:50.0 eS 30.2 Compression Dist. 360 Km.		eP 08:31:21.4 e(S) 42.6
	eP 08:54:55 local		eP 04:41:08 eS 58.4 Dist. about 480 Km.		eP 09:52:08 e(S) 28.4
	e(P) 15:06:23 i 24.8 e(S) 07:07.1		iP 05:38:40.1 iS 46.8 Small local Dilatation Dist. 50 Km.		eP 12:37:11.9 eS 23.0 Dist. 90 Km.
	eP 16:12:47 local		ePKP 07:25:54		eP 13:30:53.2 eS 31:20.3 Dilatation Dist. 240 Km.
	eP 17:46:20.0 iS 48.9 Dist. 260 Km.		eP 07:37:02.0 e(S) 27.7 i 34		e(P) 15:01:36 i(S) 02:35.5
12	eP 00:04:00.0 eS 45.6 Dist. 430 Km.		eS 10:04:40.7		iP 21:26:29.4 e(S) 27:08.7 i 09.6 Compression from ENE
	eP 05:08:38 eS 09:17.8 Dist. about 360 Km.	14	eP 13:55:51.3 eS 56:17.3 i 18.1 Dist. 230 Km.		iP 23:48:14.2 e(S) 33.4 i 35.2 Dilatation
	iP 10:39:56.0 eS 40:09.4 Dilatation from E Dist. 110 Km.		e(P) 20:40:53.5 eS 42:03.1		eP 23:53:27.5 i(S) 53.7 i 55.5 Dilatation from NE
	iP 14:05:02.2 eS 49.5 Dilatation from E Dist. 450 Km.	15	ePKP 00:14:36 i 45.3		eP 01:02:54.4 i(S) 03:20.2 i 29.0
	eS 16:01:02.2		eP 20:25:20.5 iS 50.9 Dist. 270 Km.		eP 09:19:32.8 eS 20:09.0 Dist. 320 Km.
	iP 16:13:10.2 iS 32.3 Dilatation from N Dist. 190 Km.		eS 23:43:13 eSKS 40 eG 53.2 eR 57.1 Doubtful interpretation		

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PROVISIONAL READINGS AT ANTOFAGASTA.

Jun.17 eS 17:49:52.9	Jun.19 iP 23:46:59.6	Jun.21 iP 21:45:41.8
1965	1965 iS 47:47.0	1965 iS 48.9
iP 18:13:47.4	Compression	Compression from N
iS 14:08.6	Dist. 450 Km.	Dist. 60 Km.
Dilatation from NW		
Dist. 190 Km.		
18 eP 02:09:22	20 eP 05:00:23.5	22 eP 14:21:07.4
eS 49.2	eS 49.2	eS 22:05.1
Dist. 240 Km.	Dist. 220 Km.	Dist. 560 Km.
	eS 08:03:13.4	eS 17:26:08.1
iP 10:49:10.4	eP 17:46:41	eS 19:01:34.0
iS 39	eS 47:03.0	eP 23:12:20.9
Compression from WSW	Dist. about 190 Km.	eS 13:09.3
Dist. 270 Km.		Dist. 460 Km.
iP 16:37:00.1	eP 20:01:01	23 iP 00:23:13.3
eS 39.8	eS 53.8	iS 49.1
Compression from E	Dist. about 510 Km.	Compression from ESE
Dist. 360 Km.	eP 23:15:00.5	Dist. 320 Km.
e(P) 21:43:48	eS 40.5	eP 03:05:54.0
e(S) 44:36	Dist. 360 Km.	iS 59.4
eP 22:48:16.3	iP 23:25:59.2	Small local
i 25.6	iS 26:39.4	Dist. 40 Km.
eS 50:26	Compression	
e 29	Dist. 360 Km.	eS 03:49:08.6
PZ 0.56 u; 1.5 sec.	21 iP 01:57:04.1	e(PP or PKP) 11:27:51
Mag. 6.0	iS 36	eSKS 33:50
Dist. 12°	Compression from E	i 34:04
	Dist. 290 Km.	eS 35:33
iP 22:40:04.3	eP 05:26:24.2	eSP 37:00
iS 19.7	i 24.5	eSS 42.6
Compression from W	eS 27:03.2	i 43
Dist. 130 Km.	Dilatation	eSS 46:(52)
	(From ESE)	eG 53:00
19 eP 08:00:19.4	Dist. 350 Km.	Dist. 106°
iS 51.7		eP 17:16:23.7
Dist. 290 Km.	eS 06:49:15	eS 36.6
eP 09:19:30.2	iP 11:23:46.5	Dist. 100 Km.
eS 39.9	iS 24:26.0	eP 17:53:31.3
e 43.9	Compression from E	eS 59.4
Compression	Dist. 360 Km.	Dist. 250 Km.
Dist. 80 Km.	eS 13:00:31.7	e(P) 18:51:59
eS 16:27:34.6	eS 15:29:17.5	eS 52:32.9
local	eP 17:20:34.5	eP 19:38:27.2
eP 16:58:45.1	e(S) 21:24	eS 56.0
eS 59:14.4	e(S) 34	Dilatation from E
Dist. 260 Km.	eP 19:43:44.8	Dist. 240 Km.
eP 19:27:29.7	eS 44:10.5	eP 20:24:56.2
eS 28:06.0	Dist. 220 Km.	eS 25:13.7
i 06.9		Dist. 140 Km.
Dist. 320 Km.		

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PROVISIONAL READINGS AT ANTOFAGASTA.

Jun.23 1965	e(P) eS e(S) Two shocks?	20:56:43.7 59.4 57:10.7	Jun.25 1965	eP eS Dist. about 150 Km.	05:26:21 38.8	Jun.27 1965	iP iS Compression from ESE Dist. 330 Km.	06:19:38.1 20:15.0
24	eS eP i iS Dilatation from N Dist. 570 Km.	00:38:30.7 03:31:02.9 17.6 32:02.2		iP eS i Compression Dist. 400 Km.	13:47:06.2 49.2 49.8		eP eS Dist. 220 Km.	08:53:37.5 54:02.6
	eP i eS Compression From E Dist. 370 Km.	04:17:15.8 16.2 56.5	26	iP iS Compression Dist. 110 Km.	01:55:16.1 30.4		eP i PZ 0.24 u; 1.2 sec Mag. 5.4	17:13:50.1 14:02.0
	eP iS Dist. 90 Km.	06:35:56.9 36:07.9		iP iS Dilatation from S Dist. 500 Km.	03:36:25.4 37:18.0		e(P) eS	23:09:35 10:09.5
	ePKP	08:05:38.8		e(P) eS e i	09:24:30 26:36.4 43.0 52.4	28	eP e(S) i	00:54:53 20.5 26.5
	eP e(S)	13:08:26.1 43.0		eP eS Small local (Compression) Dist. 50 Km.	10:36:38.5 45.1	29	eP e iS Dist. 270 Km.	00:04:37.5 05:06.5 08.4
	e(P) eS	13:51:33 57.5		iP iS Compression Dist. 40 Km.	10:55:05.2 09.7		eP eS Dist. about 190 Km.	05:26:34 56
	eP eS Dist. 360 Km.	14:58:41.4 59:21.3		eP i eS Dilatation from SE Dist. 310 Km.	17:18:47.9 48.3 19:22.8		eP eS Dist. about 140 Km.	09:02:02 19.1
	iP e(S)	16:35:57.0 37:21.4		eP i eS Dilatation Dist. 160 Km.	17:18:47.9 48.3 19:22.8		e(P) local	19:31:05
	ePKP Dilatation	16:48:11.5		eP e(S)	19:59:36.6 20:00:11	30	ePKP	03:13:04
	eP eS Dist. 120 Km.	17:22:01.0 16.7		iP eS Dilatation Dist. 170 Km.	03:57:38.9 58.8		eP iS Dist. 50 Km.	10:12:49.2 55.8
	iP iS Dilatation from NE Dist. 50 Km.	19:45:02.0 08.1					iP iS Compression from NE Dist. 430 Km.	11:13:52.8 14:38.8
	eP e(S)	20:16:53 17:21.6	27				No records from 30-VI-65 at 13:30 to 02-VII-65 at 22:45.	
25	eP iS Dist. 40 Km.	02:20:30.4 36.8						

J. Frez
 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

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Casilla 2777
 Santiago, Chile

PROVISIONAL READINGS AT ANTOFAGASTA
 (SPECIAL BULLETIN)

23° 42' 18" S 70° 24' 55" W h 80 m

Sep.01 1965	iP 00:01:57.5 iS 02:54.3 Dilatation Dist. 555Km	Sep.03 1965	eP 04:47:42.6 e(S) 48:35.6	Sep.04 1965	iP 21:42:02.0 iS 45 Compression from WSW Dist. about 414 Km
	eP 05:18:07.0 e(S) 46.0 Compression		iP 05:44:21.2 iS 45:55 Dilatation from NW Dist. 930 Km		eP 21:43:27 eS 48:54 eSS 49.0 eR 50.2 Dist. About 26°
	eP 09:14:03.0 eS 09.1 Dilatation Dist. about 40 Km		eP 06:11:51.1 eS 12:21.1 Dist. 280 Km		iP 22:41:37.4 iS 42:25.0 Compression from SW Dist. 460 Km
	eP 15:35:11.7 eS 52.2 Compression Dist. 385 Km		eP 10:45:21.0 iS 46.5 Dist. 235 Km		05 e(P) 10:24:48.5 eS 25:07.4
	eP 21:00:47.4 e(S) 54.7		eP 11:57:33.7 iS 58.3 Dist. 225 Km		e(P) 10:52:01.6 e(S) 49.7 i 53:22.8
	e(P) 23:17:28.6 eS 55.3		eP 14:29:19 eS 30:17 Compression? Dist. about 565 Km		06 e(P) 00:30:18.2 e(S) 56.1 i 31:02.9
	eS 23:36:50.0		iP 14:36:27.9 iS 37:07.8 Compression from SE Dist. 382 Km		e(P) 00:55:55.9 eS 56:19.1 i 31.5
02	iP 03:11:15.1 eS 46.8 e 12:15.5 Compression from SW Dist. 300 Km		eP 15:36:31.6 eS 44.4 i 53.4 Compression Dist. 80 Km		eP 07:14:17.1 eS 15:05.1 Compression from SE Dist. 464 Km
	eP 04:39:01.4 eS 41.2 Dist. 380 Km		e(P) 23:50:39.0 eS 59.6		eP 08:37:56.0 eS 38:07.3 i 09.0 Dist. 47 Km
	e(P) 09:45:41.7 eS 46:14.2	04	eP 00:03:14.1 iS 04:11.0 Dist. 554 Km		eP 16:49:00.2 eS 20.7 Dist. 178 Km
	eP 11:07:38.1 e(S) 08:14.8 i 24.3		eP 03:54:02.7 i 03.5 iS 21.5 Compression Dist. 156 Km		eP 17:21:51.7 i 53.3 eS 22:12.1 i 16.0 Dist. 174 Km
	eP 15:15:44.6 eS 16:09.5 i 18.6 Compression Dist. 230 Km		eP 14:47:20.0 ePP 51:24 eSKS 57.5 ePS 15:00:26 eSS 06:00 eSSS 10:00 eG 16:20 eR 20:33 Dist. about 107°		eS 21:25:29.8 eG 26:47.0 eSS 27:14.2 eR 28:35 Dist. 32°
	e(P) 15:45:46.3 eS 46:05.0 i 06.9				
	eP 19:17:39.1 eS 49.3 i 55.1 Compression from NW Dist. 10 Km				

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PROVISIONAL READINGS AT ANTOFAGASTA
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Sep.07 1965	eP 04:44:29.8 ePKP 07:17:16.3 eP 10:35:07 eS 35:37.0 Dist. about 280 km. eP 21:37:25.1 eS 37:44.0 i 37:46.1 Dist. 156 km. eP 23:56:49.8 eS 57:29.9 Compression from SE Dist. 381 km.	Sep.09 1965	eP 10:19:47.7 iS 19:52.1 Dilatation Dist. 20 km. eP 13:04:48.5 eS 05:46.4 Dist. 565 km. eS 14:53:24.7 eP 16:27:47.3 eS 28:27.9 28:29.4 Compression Dist. 380 km. eS 17:14:28.2 eP 18:10:09.1 eS 11:06.4 Compression Dist. 560 km. eP 21:53:36.4 eS 54:14.6 Dilatation Dist. 360 km. eP 23:59:05.1 eS 59:42.9 i 59:44.7 Compression Dist. 360 km.	Sep.10 1965	eS 22:03:29.2 11 e(P) 02:45:36.3 eS 45:55.2 ePKP 07:12:07.1 ePP 14:18 ePKS 15:41.0 eSKS 19:11 eSS 31:14 eSPS 31:36.4 eSSS 36:38 eG 44:30 eR 50:-- Dist. 129° 12 eP 01:20:23.5 eS 20:29.2 Compression from SW Dist. 35 km. iP 04:00:04.8 eS 00:22.3 i 00:24.2 Dilatation from NE Dist. 155 km. eP 20:26:57.6 eS 31:06 esS 31:33 eSS 32:12 eSSS 33:34 eR 34:20 Dist. 25° ePKP 22:21:47.8 ePKS 25:07.8 ePPP 27:24 ePS 34:13 ePPS 36:00 eSS 42:02 eSSS 46:18 eG 56:30 eR 23:04:30 Dist. 140° eP 22:40:05.3 eS 40:41.6 Dilatation Dist. 340 km.
08	eP 00:27:31.8 eS 28:03.8 i 28:24.3 Dist. 301 km. eP 06:59:38.5 eS 07:00:26.4 Dist. 464 km. iP 14:01:30.9 iS 01:58.5 Dist. 258 km. eP 15:43:17.1 eS 43:39.9 i 43:43.1 Dilatation from SW Dist. 205 km. eP 17:23:26.2 iS 23:39.8 Dilatation Dist. 90 km. eP 19:20:29.2	10	eP 00:54:05.1 eS 55:08.1 i 55:16.2 Compression Dist. 615 km. eP 00:59:59.9 eS 01:00:43.2 i 00:45.0 Dilatation from NE Dist. 415 km. eP 04:12:53.0 eS 13:17.0 i 19.5 Dist. about 220 km. eP 19:16:45.2 eS 16:50.2 Dist. 25 km. eS 20:35:51.0	13	eP 01:31:39.5 eS 31:54.9 i 31:56.2 Compression Dist. 115 km.
09	eP 06:09:18.5 eS 09:51.0 i 09:55.6 Dilatation from NW Dist. 305 km. eP 10:09:01.5 ePP 09:59 ePPP 10:32 eS 14:23.5 eG 15:18 eSS 16:26.8 eR 17:12.2 Dist. about 32°				

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PROVISIONAL READINGS AT ANTOFAGASTA
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Sep. 13 1965	eP e(S)	04:48:20 49:02.8	Sep. 14 1965	eP eS	18:58:58 59:02.5	Sep. 16 1965	iP eS	14:01:18.8 02:01.7
					Dist. about 20 km.			Dist. 410 km.
	eP e(S)	08:13:35 14:21.7		eP	19:22:26.8		eS	20:11:40.0
	e(P) eS	08:22:05.7 22:49.7	15	iP iS	01:50:29.8 51:20.3	17	eS	02:18:06.2
	eP eS	11:10:32.3 10:46.7		Dilatation Dist. 490 km.			eP eS	09:14:04.9 36.9
	Dilatation Dist. 100 km.			e(P) eS	03:24:16.4 24:57.7			Dist. 300 km.
	eP eS	15:19:17.9 19:56.3		eS	05:24:50.8		iP epP eS	11:18:49.1 19:25 22:50
	i (Compression from SE) Dist. 365 km.	19:57.9		eP eS	07:31:25.7 32:03.7		esS Dist. 23° Depth 160 km.	23:54
	eP epP ePPP eS esS eSS eSSS eR	16:21:21.7 21:31.9 22:38 25:49 26:00 26:30 27:00 27:46		Dilatation Dist. 360 km.			iPKP	15:38:24.1
	Dist. 25°			eP iS Local	12:36:48.0 36:51.4		iPKP eSKKS eSS ePSS eSSS	16:41:03.4 51:29 17:04:00 05:07 09:08
	eS	18:35:38.7		Dist. 390 km.			Dist. 149°	
	eP eS i	20:11:59.4 12:45.2 12:48.0		e(P) e(S)	18:46:10.9 47:05		eP eS	17:57:47.8 58:19.3
	Compression from SE Dist. 440 km.			Dist. 295 km.			Dist. 295 km.	
14	eP eS i	01:36:49.5 37:12.2 37:17.7	16	iP eS	13:11:55.2 12:35.9		iP Local Compression	20:22:32.9
	Compression Dist. 205 km.			Compression Dist. 390 km.			Dist. 295 km.	
	iP	07:22:34.2		e(P) iS	18:46:10.9 16:33		iP iS	22:27:03.9 27:08.4
	Dilatation from NW Dist. about 20 km.	22:38		Dist. 100 km.			Dist. about 20 km.	
	eP eS	11:26:19.4 26:35.8		iP iS	06:30:11.7 30:25.9		Dist. about 30 km.	
	Compression Dist. 120 km.			Dist. 415 km.			iP iS	23:36:02.8 07.8
	iP iS	14:28:19.3 29:06.4		eP eS	07:29:37.6 30:20.9	18	iP iS	00:42:03.9 39.8
	Compression from ENE Dist. 455 km.			Dist. 700 km.			Compression from SE Dist. 340 km.	
				iP eS	08:59:01.3 09:00:12.8		eP iS	00:44:41.1 55.2
				Dist. 350 km.			Dist. 100 km.	
				eP eS	12:50:49.7 51:26.8		iP eS	04:20:44.3 21:22
				Dist. 340 km.			Dist. about 355 km.	

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PROVISIONAL READINGS AT ANTOFAGA STA
 (SPECIAL BULLETIN)

Sep.18 1965	eP 04:58:40.7 i 45.4 iS 59:04.1 Dist. 310 km.	Sep.20 1965	iP 20:31:33.8 eS 55.3 Dist. 185 km.	Sep.23 1965	eP 11:27:54 iS 28:16.5 Dist. about 200 km.
19	eP 03:49:03.3 eS 17.4 Dist. 100 km.		iP 22:23:50.8 eS 24:21 Dilatation Dist. 280 km.		e(P) 12:25:54 iS 26:22
	iP 07:15:06.3 eS 24.7 Dilatation from NE Dist. 150 km.	21	iPKP 01:58:12.1 ipPKP 59:01.8 epPKP ₂ 02:00:05 esPKP ₂ 00:19.4 erP 02:02:46 epPP 03:35 e(SKS) 05:35 e 08:10.3 eSP 12:56 ePS 13:30 eSPP 15:44 ePPS 16:07 eSS 23:06 esSS 24:30 eSSS 29:29 Dist. 162°		e(P) 17:47:42 eS 48:40
	iP 14:19:57.4 iS 21:26.7 Dist. 890 km.		eP 03:37:28.4	24	iP 03:42:35.2 eS 43:11.3 Dist. 340 km.
	iP 15:01:53.8 eS 02:43.2 Dist. 480 km.		eP 13:44:05.3 iS 21.1 Dist. 120 km.		iP 06:34:39.6 eS 35:12.2 Compression Dist. 305 km.
	iP 15:31:09.4 eS 47 Dist. about 355 km.		iP 15:44:33.1 eS 45:13.6 Compression Dist. 385 km.		iP 07:00:17.7 i 47 Compression Dist. about 270 km.
	eP 16:06:30.7 e(S) 44 Dist. 113 km.		eP 21:00:28.3 eS 56.3 Dist. 260 km.		iP 07:11:20.8 iS 57 Dist. 340 km.
	eP 16:23:53.8 eS 24:23.4 Dist. 275 km.		iP 23:43:45.4 eS 44:13.2 Compression from SE Dist. 260 km.	25	ePKP 00:17:17 ePKP 14:57:03 ePKP 15:13:17
	eP 17:17:05.6 iS 44.9 Dist. 375 km.		22		eP 15:54:39 eS 55:56.0 Dist. 760 km.
	e(P) 20:30:13.2 iS 31:07.4		iP 07:07:59.3 eS 08:21 Dist. about 265 km.		eP 19:06:33.8 eS 07:06.6 Dist. 310 km.
20	iP 02:29:28.8 eS 30:08.5 Dist. 380 km.		ePKP 09:55:08.7 i 15 Dist. about 40 km.		iP 20:59:47.9 iS 21:00:08 Compression from SE Dist. about 170 km.
	iP 06:39:14.4 iS 40:24.3 Compression Dist. 685 km.		e(P) 15:13:52 eS 14:32		eP 22:26:16.9 eS 53.1 Dist. 340 km.
	ePKP 15:54:43.1		iPKP 22:27:49.9 Dilatation		eP 23:58:06.0 iS 50.5 Dist. 430 km.
	iP 16:46:04.7 iP 11.3 e(S) 39				
	ePKP 18:14:40.2				

PROVISIONAL READINGS AT ANTOFAGASTA
(SPECIAL BULLETIN)

Sep.26 1965	iP 00:21:01.8 iS 19.2 (Compression from SE) Dist. 135 km.	Sep.27 1965	iP 20:24:30.4 eS 44.3 Dist. 90 km.	Sep.29 1965	eP 01:06:02.9 eS 07:25 Dist. about 815 km.
	iP 03:21:03.7 iS 31.2 Dilatation from NNE Dist. 255 km.	28	iP 00:08:19.0 iS 55.7 Dist. 345 km.		iP 04:33:43.0 eS 34:21.2 Dist. 360 km.
	iP 06:35:54.2 eS 36:06.2 Compression Dist. 60 km.		e(P) 02:28:50.3 e(S) 29:18.0		eP 05:43:40.1 eS 44:40.2 Dist. 585 km.
	iS 06:37:15.2		e(P) 05:20:18 eS 30:29 ePS 32:05 ePPS 33:08 eSS 37:10 eSSS 40:48 e 44:38 eQ 45:30 eR 49:42		eP 07:58:11.6 i 20.3 eS 26.9 Dist. 115 km.
	iP 12:10:39.2 eS 11:21.1 Dist. 400 km.		e(P) 07:11:41 eS 11:54		iP 13:08:21.1 iS 58.1 Dist. 355 km.
	eP 16:53:29 eS 55 Dist. 240 km.		iP 07:41:55.9 iS 42:34.6 Compression Dist. 370 km.		eP 16:46:27.2 eS 57.7 iS 59.6 Dist. 285 km.
	iP 17:31:08.7 iS 48.0 Dilatation Dist. 370 km.		eP 08:06:27.9 e(S) 55	30	eP 00:34:36.8 eS 35:17.1 Dist. 385 km.
	iP 21:01:51.0 iS 02:31.5 (Compression) Dist. 385 km.		eP 13:08:19.3 eS 32.1 Dist. 80 km.		iP 01:26:44.1 eS 27:29.3 Compression Dist. 435 km.
	iP 21:20:42.3 eS 21:10.5 Dist. 260 km.		eP 14:31:18.4 eS 36.2 Dist. 140 km.		eP 02:55:54.5 eS 56:14.0 Dist. 160 km.
	iP 21:41:19.0 ePP 42:57 eS 47:20 eSS 49:52 eG 50:22 e(ScS) 51:26 R 52:33		eP 17:41:54.7 eS 42:17.1 Dist. 200 km.		eP 05:31:13.4 iS 36.6 iS 48.2 Dist. 205 km.
	eP 22:07:45.9 iS 08:05.6 Dist. 165 km.		eP 18:41:33.4 iP 34.5 e(S) 42:03		eP 07:51:40.6 e(S) 52:42.1
	eP 23:16:38.3 i 50.7 iS 17:07.1 Dist. 270 km.		iP 22:35:51.7 i 36:02 e(S) 43		eP 12:28:47.0 e(S) 55.1
27	iP 13:55:43.7 iS 56:05.2 Dist. about 185 km.		iP 23:04:58.2 iS 05:06.8 Dist. about 65 km.		iP 13:38:52.9 iS 39:07.4 Dilatation Dist. 100 km.
	e(P) 15:10:48.7 eS 11:18.2		e(P) 23:13:39.2 eS 14:23.2		eP 13:53:24.1 eS 42.0 Dist. 140 km.
			eP 23:54:05.5 i 16.4 iS 52.8 Dist. 460 km.		eP 17:44:34.2 eS 52.3 Dist. 145 km.

Chile Peldehue
 Santiago
 Sombrero
 Compañon
 Copuapo
 Antofagasta.

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Sep.20 1965	eP eS Small Dist. 230 Km.	23:24:30 55	Sep.24 1965	eP eS Dist. 355 Km.	06:35:31.5 37:09	Sep.26 1965	eP ePP ePKS eSKS esSKS ePS e(PPS) e eSS e(SSS) Dist. about 117° Depth about 100 Km.	21:40:13.5 45:17 47:31 50:44 51:51 54:55 56:42 59:56 22:01:08 04:55
21	eP e eS Dist. 300 Km.	00:11:58.5 12:14 30.5		eP eS Dist. 195 Km.	11:25:34 55.5			
	ePKP e	01:58:11.5 59:04.5		eP iS i Dist. 115 Km.	19:19:50 20:03.5 07.5			
	eP iS Small Dist. 191 Km.	06:35:31.5 56.6		eP eS Small Dist. 270 Km.	19:44:29 58	27	eP eS Small Dist. 140 Km.	17:06:58 07:14
	eP eS Small Dist. 218 Km.	22:53:05.7 29.5	25	iP iS Dilatation from ENE Dist. 147 Km.	05:45:53.5 46:10.2	28	iP iS Compression from NE PZ 0.13 u; 0.5 sec. Dist. 202 Km.	02:28:31.8 54.0
22	iP e iS Dilatation from NE Dist. 107 Km.	00:25:44.1 52 56.8		eP iS Dist. 105 Km.	10:28:10.5 23		eP eS eSS eG eR Dist. 87.5°	05:19:25 30:04 35:57 42:40 46:50
	eP iS Dilatation Dist. 142 Km.	10:50:33 49.2		eP iS Small Dist. 225 Km.	13:19:05 29.5		e(PKP) eP iS Dist. 176 Km.	11:24:52.5 17:06:41.5 07:01.1
	eP eS Small Dist. 236 Km.	12:02:11 36.6		eP eS Dist. 390 Km.	15:53:55 54:36		eP eS Dist. 835 Km.	22:36:30.5 37:56
	eP Teleseism	22:27:53.5		eP e(S)	21:01:22 03:15	29	eP eS Dist. 730 Km.	01:08:53 10:08
23	eP e eS Dist. 268 Km.	11:28:05.7 08.5 34.5	26	eP eS Dist. 409 Km.	01:55:52.6 56:35.5		eP iS Dist. 201 Km.	01:49:08 30.1
	eP e	17:47:38 53		iP iS Dist. 112 Km.	13:11:00.8 14		eP eS Small Dist. 140 Km.	02:03:49 04:05
	eP eS Small Dist. 368 Km.	18:05:14 52.8		iP iS Dist. 120 Km.	16:25:10.5 24.5		e(PKP) e eP eS Small Dist. 84 Km.	05:14:19.5 36 10:50:10.4 20.8
	eP iS Dist. 131 Km.	23:39:39.4 54.5		eP eS Dist. 370 Km.	19:45:09 48			

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PROVISIONAL READINGS AT PEI DEHUE.

Sep.29 1965	eP 12:21:55 eS 22:28 Dist. 310 Km.	Sep.30 1965	iP 06:30:35.0 iS 51.0 Compression from SE Dist. 140 Km.	Oct.01 1965	eP 04:48:47 e(S) 49:44 eP 08:34:53 eS 35:10.6 Small Dist. 156 Km.
	eP 15:35:12 iS 39.5 Dist. 255 Km.		eP 12:29:02.8 eS 30:06 Dist. 612 Km.		eP 13:44:18 eS 45:(28) Dist. about 680 Km.
30	iP 00:33:12.0 iS 33.9 Dilatation from NNE Dist. 199 Km.		eP 23:59:30.5 eS 00:00:34 Dist. 615 Km.		eP 18:11:02 eS 12:32 Dist. 880 Km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h 581 m

Sep.21 1965	ePKP 01:58:12 22 eP 00:25:47.2 eS 26:02.8 Dist. 136 Km.	Sep.30 1965	eP 00:33:16 eS 42 Dist. 240 Km.	Oct.05 1965	eP 03:39:47 eS 40:26 Dist. 370 Km.
23	eP 11:28:07.4 e 32.3		iP 06:30:32.4 eS 45.5 Compression Dist. 111 Km.		eP 03:44:23 eS 45:07.5 Dist. 425 Km.
25	eP 05:45:57.5 eS 46:16.8 Dist. 173 Km.		e(P) 12:29:12.6 eS 30:16.5		
26	eP 01:55:57 iP 16:25:07.7 eS 21.5 Compression Dist. 118 Km.	Oct.01 1965	eP 22:41:58.3 02 iP 12:36:51.5 eS 37:07 Dist. 135 Km. Compression		
28	eP 02:28:32.7 eS 55.8 Dist. 211 Km.		eP 20:49:55.5 eS 50:08.5 Dist. 110 Km.		
29	eP 01:49:11.5 eS 36.1 Dist. 226 Km.	03	eP 16:17:19.5		
		04	eP 11:14:48		

H. Becker
Seismologist

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PROVISIONAL READINGS AT SOMBRERO.

52° 46' 51" S 69° 14' 32" W h= 73 mts

Sep.16 eP 09:59:59	Sep.19 eP 11:07:35.3	Sep.22 eP 05:34:01
1965 eS 10:00:57	1965 e 08:10	1965 eS 35:00
Dist. 560 Km.	e(S) 25	Dist. 570 Km.
	Compression	

E. Lorca
Seismologist.

PROVISIONAL READINGS AT CONCEPCION.

36° 49' 41" S 73° 02' 42" W h= 46 mts

Sep.10 iP 20:30:08.5	Sep.18 eP 02:48:51	Oct.02 eP 12:37:22
1965 iS 12.5	1965 Small	1965 eS 49
Dist. 10 Km.		Dist. 250 Km.
11 eP 23:26:55	21 eP 07:22:(04.5)	eP 23:26:12
eS 27:12	e(S) 07.5	eS 25
Dist. 150 Km.		Dist. 105 Km.
12 e(P) 20:29:(43)	30 eP 21:38:(03.5)	Small
Distant shock	eS 16	
	Small	
13 eP 12:13:42	eP 23:58:34	03 eP 16:16:28.5
eS 56	iS 57	Teleseism
Dist. 115 Km.	Dist. 205 Km.	
e(P) 16:24:(--)	Oct.02 eP 12:10:03	05 iP 03:39:17
Distant shock	1965	iS 25
	iP 12:19:11.5	Dist. 65 Km.
17 eP 11:20:37	iS 15.5	FELT IV AT CONCEPCION
Distant shock	Dist. 35 Km.	iP 03:43:49
		iS 57
		Dist. 65 Km.
		FELT II AT CONCEPCION

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h= 384 mts

Sep.09 e(P) 10:09:32	Sep.24 iP 06:34:15	Sep.26 eP 23:16:34
1965 e(S) 15:16	1965 eS 27	1965 eS 52
e 16:07	Dist. 95 Km.	Dist. 145 Km.
13 eP 23:48:26	eP 13:36:00	28 iP 22:35:16
eS 33	eS 09	eS 28
Dist. 55 Km.	Dist. 70 Km.	Dist. 95 Km.
15 iP 01:49:47	25 eP 15:53:56	eP 23:12:53
eS 50:(00)	eS 54:13	eS 13:00
FELT IV AT COPIAPO	Dist. 135 Km.	Dist. 55 Km.
17 eP 11:19:22	eP 21:00:11	30 eP 07:51:14
eS 24:35	eS 49	eS 50
Dist. 30°	Dist. 340 Km.	Dist. 315 Km.
20 eP 09:32:41	26 eP 01:55:56	iP 12:27:02
eS 52	eS 56:02	eS 11
Dist. 90 Km.	Dist. 50 Km.	Dist. 70 Km.

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PROVISIONAL READINGS AT COPIAPO.

Oct.01 eP 04:47:33	Oct.03 eP 16:18:33	Oct.04 eP 23:53:01
1965 eS 45	1965 eS 21:56	1965 eS 07
Dist. 95 Km.	Dist. 18°	Dist. 50 Km.
eP 13:01:03	04 eP 02:34:19	05 e(S) 03:43:06
eS 13	eS 25	eP 10:08:45
Dist. 80 Km.	Dist. 50 Km.	eS 09:04
 	 	Dist. 140 Km.
eP 13:43:27	eP 16:27:22	eP 13:41:28
eS 42	eS 44	eS 32
Dist. 120 Km.	Dist. 180 Km.	Dist. 30 Km.

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Seismologist

PROGRAMA SISMOLOGICO ZONA NORTE
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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.03 eP 16:19:22.5
1965 i 23.5
eS 23:02
Dist. 2.230 Km.
A 5.1 u; T 1.0 sec.

J. Frez
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

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 Departamento de Geofísica, Sismología
 y Geodesia

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 Santiago, Chile

PROVISIONAL READINGS AT ANTOFAGASTA
 (SPECIAL BULLETIN)

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.01 1965	eP 14:51:22.5 eS 47 Dist.about 225 km.	Oct.03 1965	eP 01:04:06 eS 35 Dist. 270 km.	Oct.04 1965	iP 22:36:55.0 iS 37:31.2 Compression from E Dist. 340 km.
	eP 15:34:36.0 eS 56.8 Dist. 180 km.		iP 04:46:04.4 iS 25.5 Dilatation from E Dist. 180 km.		eP 23:53:51 eS 54:38 Dist. 455 km.
	iP 21:11:38.8 i(S) 12:00.2 iS 06.5		eP 05:21:04.7 eS 25.0 Dist.about 170 km.	05	iPKP 01:12:16.6
	iP 22:18:53.8 eS 19:18 Compression from E Dist.about 220 km.		iP 08:00:08.3 i 00:27.4 iS 37.2 Dilatation from NE Dist.about 270 km.		eP 03:41:51.0 i 56.9 iS 44:35 i 44:47 Dist. 15.6°
	iP 22:23:14.0 eS 30 Compression Dist.about 120 km.		e(P) 16:03:12.6 eS 23		iP 05:40:23.4 eS 26.5 Dilatation
	eP 22:43:07 eS 50:00 eSS 53:31 eL 57:30 Dist. 47°		eP 16:19:23.8 e 23:02		iP 07:16:53.1 e(S) 17:35
02	eP 02:45:58 eS 46:40.2 Dist.about 405 km.	04	e(P) 02:35:00 57.5		iP 09:52:45.5 iS 53:24.8 Dist. 375 km.
	eP 03:12:20 i(S) 13:41 i 47		iP 07:41:44.2 iS 50.9 Dilatation from S Dist. 47 km.		e(P) 10:09:29.5 iS 10:44
	e(P) 03:26:51.4 e(S) 26:31		iP 08:56:33.0 eS 57:11 Dist.about 360 km.		iP 17:13:41.8 eS 14:04.7 Dist. 205 km.
	e(P) 05:09:06 iS 44.0		eP 09:51:16.4 eS 52.1 Dist. 335 km.		e(P) 21:13:58.3 eS 14:22
	iP 12:13:09.8 eS 47 Compression Dist.about 355 km.		e(P) 10:23:40 iS 24:04	06	iP 04:02:19.0 iS 32.9 Dist. 80 km.
	eP 13:54:51.3 iS 55:09.2 Dist. 145 km.		e(P) 11:15:58.5 e(S) 17:29		iP 04:12:47.4 iS 13:29.1 Dist. 400 km.
	iP 17:16:44.0 eS 17:05 Dist.about 180 km.		iP 14:30:52.2 eS 31:34.5 Dilatation from E Dist. 405 km.		iP 05:15:55.0 eS 16:26 Dist.about 290 km.
	eP 17:24:43 e(S) 25:50.4		eP 15:33:08.4 eS 30.4 Dist. 195 km.		iP 06:29:04.0 iS 19 Dist.about 110 km.
	iP 17:28:06.4 eS 48 Dist.about 400 km.		eP 16:32:29.6 eS 33:19.8 Dist. 490 km.		iP 18:33:50.6 iS 34:08.3 Dist. 140 km.
					iP 21:27:36.4 iS 28:04.3 Compression Dist. 260 km.

PROVISIONAL READINGS AT ANTOFAGASTA
 (SPECIAL BULLETIN)

Oct. 06 1965	iP 23:01:56.1 eS 02:34.7 Dist. 370 km.	Oct. 08 1965	iP 22:32:29.2 eP 23:58:31.9 e 59:06 eS 59:44 Two shocks?	Oct. 09 1965	e(P) 20:29:50.6 eS 30:10.9		
07	eP 00:44:37 Local iP 02:02:12.7 iS 18.9 Dist. 40 km. e(PKP) 03:57:16.5 iP 14:51:13.6 iS 19.2 Compression from NE Dist. 30 km. e(P) 17:09:49 eS 10:37 eP 17:59:20.3 eS 35.5 Dist. 110 km. eP 18:58:11.5 eS 42 Dist. about 285 km. iP 20:24:50.6 eS 25:34 Dist. about 415 km.	09	e(P) 00:59:00.4 e(S) 47.6 iP 01:21:06.4 i 09.7 e(S) 30.1 iP 03:46:14.5 iS 47:01.1 Dist. 450 km. iP 04:31:15.1 eS 57 Dilatation Dist. about 400 km. iP 04:54:59.1 i(S) 55:03 iP 05:04:07.8 iS 11 Dilatation from SW iP 05:05:53.6 iS 57.7 Dist. 10 km. iP 06:43:00.5 iS 44:11.5 Dist. 700 km. eP 10:55:29 eS 43.9 Dist. about 110 km. iP 11:09:36.4 iS 40.4 Dist. 10 km. eP 17:52:56.1 eS 53:11.4 Dist. 230 km. i(P) 18:07:27.9 eS 43.1 e(P) 18:33:26.8 eS 43.3 eP 18:49:28.3 eS 50:22.4 Dist. 525 km. iP 18:56:30.5 i(S) 37.3 i 41.1	10	iP 06:58:26.3 eS 59:20.3 Dist. 525 km. iP 07:40:00.3 Local eP 13:16:54.7 eS 17:18.0 Dist. 210 km. iP 17:34:15.2 eS 40:56 e? 44:29 e? 47:48 Dist. 47° e(P) 19:27:07.0 iP 08.8 eS 32	11	eP 00:18:51 iS 19:06.4 Dist. about 110 km. iP 02:14:34.2 iS 56.3 Compression Dist. 195 km. eP 02:36:31.0 PZ 4.8u, 1.1 sec. iP 04:18:50.3 e(S) 19:02 (LP) Compression iP 10:26:24.7 eS 27:05.1 Compression Dist. 385 km. iP 13:16:32.4 eS 53.8 Dist. 185 km. eP 14:08:56.6 e(S) 19.9 iP 14:33:56.2 iS 34:17.1 Compression from E Dist. 180 km. iP 15:33:26.9 eS 34:05 Compression from E Dist. about 360 km.
08	eP 09:01:25.7 eS 02:02 Dist. about 340 km. iP 14:30:45.3 eS 31:21.3 Dist. 340 km. iP 14:59:45.9 eS 15:00:30.6 Dilatation from E Dist. 430 km. iP 18:14:00.4 eS 16 Dist. about 110 km. iP 19:07:49.5 eS 08:25 Dist. about 325 km. e(P) 20:03:02.5 Local iP 20:34:30.4 iS 35:07.0 Dist. 345 km. eP 21:30:12 iS 26.5 Dist. about 125 km.						

PROVISIONAL READINGS AT ANTOFAGASTA
(SPECIAL BULLETIN)

Oct. 24 1965	eP 00:04:39.6 eS 05:05 Dist. about 234 km.	Oct. 25 1965	iPKP 22:53:39.1 ipPKP 54:25 eSKKS 23:03:36 eSPP 09:11 eSS 15:26 eSSS 21:16 eG 30:07 e(R) 34:38 Dist. 143° Depth 160 km.	Oct. 27 1965	iP 10:11:51.7 eS 12:23 Compression Dist. about 293 km.
	iP 11:02:16.6 iS 54.2 Dist. 356 km.				eP 11:27:10.8 e(S) 28
	iP 16:21:50.2 iS 22:20.9 Dist. 185 km.				iP 14:59:02.8 iS 39.0 Compression from ESE
	iP 17:11:10.5 eS 51 Dist. about 385 km.	26	eP 00:44:25.9 iS 45:01.3 Dist. 334 km.		Dist. 342 km.
	e(P) 17:35:12 e 33 iS 36:12.1		eP 04:11:40.6 i 55.8 e(S) 12:04.1	28	ePKP 22:59:27.4 eP 10:07:44.2 eS 08:06 Dist. about 192 km.
	iP 17:46:11.1 eS 50 Dist. about 369 km.		eP 05:51:03 eS 40 Dist. 350 km.		iP 17:10:16.4 iS 23.5 Dilatation from NE Dist. 151 km.
	iP 18:59:32.7 eS 44.1 Dist. 94 km.		eP 05:57:20.4 e 28.4 i(S) 58:20.3		iP 21:01:35.1 e(S) 02:08 Dilatation
	iP 19:47:58.6 iS 48:33.8 Compression from (SSW) Dist. 332 km.		iP 12:15:23.7 Compression from SE		iP 21:35:37.1 iS 36:15.7 Dilatation
	iP 20:12:59.1 eS 13:36.7 Dist. 356 km.		iP 16:30:14.5 iS 19.1 Compression		iP 23:37:01.6 iS 38.8 Dist. 352 km.
	eP 23:28:06.8 eS 55 Dist. about 462 km.		iP 16:47:18.0 e(S) 28 Dilatation	29	eP 01:00:07.2 iS 20.5 Dist. 113 km.
25	eP 03:33:31.1 iS 34:06.9 Dist. 338 km.		iP 18:22:07.9 iS 52.6 Compression from ENE Dist. 427 km.		e(P) 01:11:15.6 eS 37.0
	e(P) 05:55:11.5 eS 41 Dist. about 275 km.		iP 19:32:31.4 e(S) 33:07		iP 04:02:11.8 eS 56.1 Dilatation from E Dist. 423 km.
	iP 06:01:54.8 iS 02:07.8 Dist. 110 km.	27	eP 01:41:15.1 iP 15.7 i 27.6 i(S) 37.3 Dilatation (Two Shocks)		eP 07:31:59.3 iS 32:09.1 Dist. 78 km.
	iP 07:44:59.3 iS 45:20.7 Dist. 194 km.		iP 02:13:09.9 iS 46.6 Dilatation Dist. 347 km.		iP 15:31:06.5 iS 11.6 Compression Dist. 29 km.
	eP 09:35:39.8 iS 57.7 Dist. 159 km.		e(P) 02:23:43.4 iS 24:03.8		iP 18:08:50.1 eS 09:29 Dilatation Dist. about 369 km.
	iP 20:56:05.3 iS 11.3 Dist. 39 km.		eP 08:09:03.4 eS 10:10.3 (Two Shocks?) Dist. 649 km.	30	iP 04:20:41.8 eS 21:19 Dist. about 352 km.

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PROVISIONAL READINGS AT ANTOFAGASTA
 (SPECIAL BULLETIN)

Oct.30 iP 04:30:03.5
 1965 eS 38.5
 Dilatation
 Dist. 330 km.

iP 08:02:04.8
 iS 40.1
 Compression
 Dist. 333 Km.

eP 08:04:20.6
 eS 51.8
 Dist. 292 km.

eP 09:00:59.2
 eS 01:36
 Dist. about 348 km.

iP 11:00:30.0
 iS 01:08.7
 Dilatation
 Dist. 367 km.

Oct.30 iP 12:10:39.1
 1965 iS 48.7
 Dist. 76 km.

eP 13:11:43.3
 iS 12:22.1
 Dist. 368 km.

iP 21:26:24.0
 iS 27:01.7
 Dist. 357 km.

e(P) 23:13:10
 e(S) 35

31 iP 00:08:20.9
 i 48.0
 i(S) 55

iP 05:15:04.2
 iS 42.4
 Dist. 362 km.

Oct.31 eP 06:38:24.6
 1965 eS 48.2
 Dist. 216 km.

iP 13:48:28.1
 iS 49 (LP)
 Dist. about 189 km.

José Frez
 Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA
(SPECIAL BULLETIN)

Oct.11 1965	iP 16:13:47.7 eS 14:17.2 Compression Dist. 275 km.	Oct.13 1965	e(P) 20:43:53.4 e 44:27 e 44:25 iP 22:12:19.8 eS 56.2 Dilatation from SE Dist. 340 km.	Oct.14 1965	eP 20:25:03.6 e 01 eS 26.2 Dist. 200 km.
	e(P) 17:59:54.3 i(S) 18:01:33 (Two shocks)		e(P) 23:49:47.8 eS 51:23	15	iP 00:42:29 eS 49:04 eSS 52:26 G 53:19 R 55:07 Dist. 46°
	iP 19:25:01 iS 38 Dist. 350 km.	14	iP 00:34:35.8 eS 35:13 Compression from NE Dist. about 35°		eP 04:09:25.4 e(S) 50.0 iP 06:29:10.2 iS 47 Dist. about 348 km.
12	iP 00:23:12.4 iS 47.5 Dilatation from NE Dist. 330 km.		iP 00:40:09.5 e 31 e 47		iP 16:49:58.1 iS 50:43.2 Compression from SE Dist. 431 km.
	iP 00:39:30.3 iS 40:06.2 Dist. 340 km.		eP 03:30:11.5 eP 15.2 iP 25.7 eS 32:07 eS 16		iP 18:39:49.5 iS 40:26.5 Compression Dist. 350 km.
	eP 01:02:19.6 iS 48 Dist. about 265 km.		iP 04:56:57.7 e(S) 57:25	16	iP 02:18:16.1 iS 22.2 Dist. 39 km.
	iP 01:20:39.0 eS 21:10 Dist. about 290 km.		eP 07:49:41.0 e(S) 50:17		i(PKP) 08:42:30.3 eP 14:29:42.8 iP 47.8 eS 35:18 eL 37:12 Dist. 35°
	eP 04:10:11.0 Local		iP 10:27:48.6 eS 28:29 Dist. about 385 km.		e(P) 16:01:51.5 eS 02:24.9
	eP 04:12:56 eS 13:58 Dist. 605 km.		eP 11:59:16.7 eS 43.7 Dist. 250 km.		eP 16:57:30.3 eS 58:02.6 Dist. 303 km.
	iP 08:30:24.7 eS 43 Dist. about 160 km.		eP 14:12:53 iS 13:11.3 Dist. about 160 km.		eP 18:10:02.9 iS 23.4 Dist. 185 km.
	eP 11:51:34 e(S) 52:24 Dist. 485 km.		eP 14:32:28.2 eS 46 Dist. about 140 km.		eS 18:42:25.9
	eP 16:15:31.3 e(S) 57.5 Dist. 242 km.		eP 15:02:02.9 eS 03:21 Dist. about 770 km.		iP 22:05:48.4 iS 06:00.8(LP) (Compression from ESE)
	eP 20:57:06.2 iS 42.7 Dist. 345 km.		iP 15:15:28.4 iS 16:04.7 Dist. 340 km.	17	eP 01:49:18.9 iP 19.7 e(S) 50:43 PZ 3,5u, 0.6 sec.
	iP 21:04:18.8 eS 42 Dist. about 210 km.		iP 19:27:12.6 iS 28.2 Compression Dist. 115 km.		
13	eP 16:15:20.1 eS 46.6 Dist. 245 km.		iP 19:57:11.4 eS 33.6 Compression from NE Dist. 195 km.		
	iP 19:09:37.6 e(S) 10:02				

PROVISIONAL READINGS AT AUFAGASTA
(SPECIAL BULLETIN)

Oct.17 1965	e(P) is	02:00:41 01:07.5	Oct.19 1965	iP is	02:28:23.5 59.4	Oct.22 1965	eP eS	09:44:26.4 48.7
				Dist.	339 km.		Dist.	203 km.
	e(P) is	04:19:47.1 20:28		iP eS	04:18:58.2 19:19		eP e(S)	13:44:42.6 45:10.5
				Dist.	about 188 km.			
	iP is	05:51:01.9 39.6		e(P) eS	06:59:51.3 07:00:32.1		iP e(S)	14:10:29.2 34
	Dist.	357 km.		Dist.	251 km.		Compression from	SSE
	e(P) Local	14:11:00.9		iP eS	09:09:34.4 51.5		eP e(S)	15:14:17 58
				Compression from	SE			
	iP is	15:54:21.4 25.9		e(P) is	11:19:53 20:11.3		iP Compression from	18:36:21.7 SSW
	Dilatation			Dist.	126 km.		Strong	
	Dist.	20 km.		eP is	13:28:09.5 46.9		iP is	15:51:27.9 33.2
	iP eS	16:34:21.1 35:26		Dist.	354 km.		Compression from	NE
	Compression						Dist.	30 km.
	Dist.	about 26 km.		iP is	17:54:40.5 55.1	23	iP eS	01:19:17.1 55
	iP is	19:34:52.5 57.7		Compression			Dilatation	
	Compression from	NNE		Dist.	126 km.		Dist.	about 359 km.
	Dist.	29 km.		20	iP is	09:19:56.1 20:41	iP eS	06:21:10.6 29.7
				Dist.	about 429 km.			
18	eP iP eS	00:56:50.5 51.5 57:42.0		eP eS	13:04:12.4 57.5		iP i e	06:54:55.8 55:21 56:37
	Dist.	500 km.		Dist.	431 km.		Strong	
	iP eS	02:50:25.1 53		iP eS	20:29:54.5 30:35		Dilatation	
	Compression			Dist.	about 385 km.		eP is	12:58:26.1 59:08.1
	Dist.	about 259 km.		21	iP eS eSS eR	00:01:56.8 07:58 10:59 13:27	Dist.	400 km.
	iPKP	02:58:56.7		Dist.	40°		eP is	15:32:11.0 29.8
	Compression						Dist.	168 km.
	eP is	06:39:20.5 54.5		iP eS	04:39:41.2 40:23.4		iP e(S)	15:36:44.9 37:15
	Dist.	320 km.		Dist.	402 km.			
	e(P) e(S)	07:16:45 35.5		e(P) e(S)	08:12:48 14:07		iP is	20:11:36.6 12:02.7
				Dist.	144 km.		Dilatation	
	eP eS	11:50:34 51:02		e(P) is	21:03:46.7 04:20.4		Dist.	341 km.
	Dist.	260 km.		Dist.	444 km.		iP is	20:32:06 21.6
	iP eS	12:57:48.2 58:18.5		iP is	21:28:51.4 29:07.8		Dist.	about 136 km.
	Compression from	NNE		Dist.	144 km.		eP is	22:51:35.8 52:02.3
	Dist.	282 km.		22	iP is	00:38:04.9 51.3	Dist.	about 245 km.
	eS	17:58:41		Dist.	444 km.		iP is	23:44:39.4 45:04.0
	ePKP	22:09:56.4		i(S) eS	08:08:08.5 43.7		Compression	
	e(PSS)	33:27		Dist.	226 km.		Dist.	226 km.
	e(SSS)	38:16						
	eR	23:01:22						
	(Dist.	152°)						

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.02 iP 20:49:52.4	Oct.06 eP 09:11:14.5	Oct.08 e(PKP) 22:34:03
1965 iS 50:01.9	1965 e(S) 12:06	1965
Dilatation from NW	iP 15:43:03.0	09 eP 00:27:58.5
Dist. 75 Km.	e 29	eS 28:25
	eS 36.6	Dist. 245 Km.
03 eP 12:32:09.5	Dilatation	eP 00:57:40.6
eS 33.5	Dist. 316 Km.	e 45
Small		e(S) 58:16.5
Dist. 220 Km.		
eP 16:17:21.3	07 eP 00:44:51.5	eP 06:43:24
e 19:26	e(S) 46:45	e(S) 44:26
i 20:12	eP 01:20:21	
FELT IV AT CHILOE	eS 46	eP 08:12:22.5
	Dist. 230 Km.	eS 50
eP 18:23:23.5	iP 02:04:58.6	Dist. 257 Km.
eS 24:42	iS 05:08.6	
Dist. 765 Km.	Dist. 80 Km.	iP 16:02:15.7
		iS 28.5
04 ePKP 00:32:23.7	eP 02:52:22	Dilatation
	iS 30.6	Dist. 108 Km.
eP 02:35:28.5	Small	eP 20:13:35.3
eS 36:45.5	Dist. 66 Km.	iS 44.1
Dist. 750 Km.		Dist. 68 Km.
eP 06:31:09	eP 09:01:11	iP 20:43:28.6
Teleseism	iS 38.5	eS 52.5
	Dist. 255 Km.	Compression
eP 11:14:42.7	eP 18:18:07.6	Dist. 209 Km.
eS 15:15.5	eS 47.5	
Dist. 308 Km.	Dist. 379 Km.	eP 23:10:51.5
eP 16:27:56	eP 20:04:53.7	eS 12:20
eS 28:55	iS 05:04.5	Dist. 375 Km.
Dist. 570 Km.	Small	
eP 20:01:10.4	Dist. 88 Km.	10 eP 07:17:38
iS 35.6		eS 18:03.5
Dist. 232 Km.	iP 22:15:43.3	Dist. 235 Km.
	iS 46.0	
eP 23:54:11.9	Compression	eP 14:12:24.5
eS 55:(25)		eS 53.8
Dist. about 710 Km.	eP 23:10:49	Dist. 273 Km.
	eS 11:27.5	
05 iP 03:39:50.4	Dist. 365 Km.	iP 17:33:14.1
iS 40:34		eS 39:12.5
Dist. 416 Km.	08 eP 08:25:57.8	eR 44:16
FELT AT CONCEPCION	iS 26:08.5	Compression
Compression from SSW	Dist. 87 Km.	Dist. about 40°
eP 10:09:31	eP 10:39:15.5	11 iP 02:34:47.5
e(S) 10:28	eS 45	iS 35:06.0
	Dist. 275 Km.	Dilatation from NE
06 eP 01:28:17.5		Dist. 165 Km.
iS 44.4	eP 14:12:24	
Dist. 249 Km.	iS 38.0	eP 02:57:55.5
	Dist. 120 Km.	eS 59:15
eP 03:28:44.5	iP 21:22:49.8	Dist. 175 Km.
eS 29:18	eS 57.4	
Small	Compression	eP 04:21:09
Dist. 315 Km.	Dist. 56 Km.	e(S) 23:11
		eP 17:58:35
		iS 48.5
		Dist. 115 Km.

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PROVISIONAL READINGS AT PELDEHUE

Oct.11 1965	iP 18:21:58.5 iS 22:13.6 Dist. 131 Km.	Oct.14 1965	iP 03:28:29.5 eS 41 FELT AT VALPARAISO AND SANTIAGO Dist. 95 Km.	Oct.15 1965	eP 18:01:53 iS 02:15.4 Small Dist. 200 Km.
12	eP 02:02:55 eS 03:14.3 Dist. 173 Km.		eP 13:09:29.5 iS 56.5 Dist. 250 Km.		iP 21:49:05.3 iS 18.1 Dilatation from ENE Dist. 108 Km.
	eP 04:10:21 e(S) 11:25.5		eP 20:09:56 eS 10:12 Dist. 140 Km.	16	eP 08:34:53.5 eS 35:30 Dist. 345 Km.
	eP 04:13:13.5 eS 14:21.5 Dist. 660 Km.		iP 22:16:47.5 iS 55.0 Compression from NNE Dist. 55 Km.		iPKP 08:42:10.6 Compression from SE?
	iP 04:15:59.2 iS 16:17.8 Superimposed to former shock Dist. 166 Km.	15	eP 08:14:24.5 eS 15:13 Dist. 465 Km.		eP 09:52:32 eS 51 Dist. 170 Km.
13	eP 06:39:19.7 eS 47.4 Small Dist. 257 Km.		eP 09:45:14 eS 33.8 Small Dist. 178 Km.		eP 14:30:57 Teleseism
	eP 18:17:17 iS 29.1 Small Dist. 101 Km.		eP 14:20:43 iS 53.4 Small Dist. 84 Km.		eP 19:07:53 eS 08:21 Small Dist. 260 Km.
	eP 23:48:15.6 eS 49:09.5 Dist. 519 Km.				eP 22:07:11 ePP 21 eS 09:03 Dist. 10°
					eP 22:26:45 e 27:03 eS 14 Dist. 270 Km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h 581 m

Oct.10 1965	eP 18:33:12.4	Oct.12 1965	eP 14:16:02.5 eS 23.5 Dist. 190 Km.
11	eP 02:34:50 eS 35:12 Dist. 200 Km.	14	eP 03:28:33
	eP 17:58:39 eS 55 Dist. 140 Km.		

H. Becker
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Oct.07 1965	eP 05:04:36 eS 47 Dist. 90 Km.	Oct.11 1965	eP 04:20:31 eS 49 Dist. 145 Km.	Oct.12 1965	eP 04:12:12 eS 22 Dist. 80 Km.
09	eP 06:42:23 eS 38 Dist. 120 Km.				

L. Cabello
Seismologist

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.05 iP 03:39:17.5
 1965 e(PP) 23
 iS 29.5
 Dist. 100 Km.

iP 03:39:17.5
 e(PP) 23
 e(PPP) 26.5
 iS 29.5
 Dist. 100 Km.

06 eP 15:42:41
 eS 58.5
 Dist. 140 Km.

Oct.08 eP 17:46:28.5
 1965
 09 eP 07:20:23

11 eP 02:57:04.5
 eS 17
 Dist. 100 Km.

14 eP 03:29:17
 eS 30:08
 Dist. 500 Km.

A. Sickinger
 Seismologist

UNIVERSIDAD DE CHILE
 INSTITUTO DE GEOFISICA Y SISMOLOGIA
 CASILLA 2777 SANTIAGO, CHILE

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND

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Chile Oct. 1965

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m.

Oct.17 1965	eP 01:34:47.5 eS 35:12.5 Dist. 230 Km.	Oct.18 1965	eP 22:09:33 e 31:20 More phases not clear	Oct.21 1965	eP 10:41:04 iS 19 Small Dist. 130 Km.
	eP 01:48:32.5 i 43.5 iS 49:20.0 Dist. 455 Km.	19	eP 06:22:41.5 iS 52.5 Small Dist. 90 Km.		iP 14:34:03.1 iS 19.2 Dilatation from W? PZ 0.4 u; 0.5 sec Dist. 141 Km.
	e(PKP) 04:48:16		iP 06:31:58.0 iS 32:13.0 Dist. 130 Km.		eP 16:38:11 iS 42.2 Dist. 290 Km.
	eP 16:48:27.8 iS 41.9 Dist. 121 Km.		eP 11:34:34 eS 36:04 Dist. 880 Km.		eP 17:55:27 iS 43.1 Dilatation Dist. 141 Km.
	iP 21:19:31.1 iS 48.4 Compression from NNE Dist. 153 Km.		eP 11:59:51 eS 12:00:53.8 e(R) 01:22 Dist. 608 Km.		e(P) 20:36:27 eS 42 Small
18	eP 00:57:03 e 32 iS 58:14.5 Dist. 695 Km.		eP 12:43:02 eS 26.3 Dist. 220 Km.		eP 23:50:43 eS 59.5 Small Dist. 145 Km.
	iP 01:07:54.6 iS 08:04.8 Compression Dist. 82 Km.		eP 16:37:09 Small	22	eP 14:21:51.5 iS 22:03.9 Small Dist. 104 Km.
	eP 01:25:04.5 iS 31.5 Small Dist. 250 Km.		eP 16:37:27 eS 38:43 Superimposed to former shock Dist. 740 Km.		iP 18:37:53.9 i 38:25.5 iS 39:25.5 eR 40:00 Compression from N? Dist. 940 Km.
	eP 06:46:40 iS 51.5 Dist. 95 Km.	20	eP 13:03:32 eS 56.5 Small Dist. 225 Km.	23	iP 06:54:29.7 i 41.1 iS 55:10.8 iR 23 Dilatation from N Dist. 390 Km. PZ 1.0 u; 0.5 sec.
	iP 07:13:04.2 iS 23.5 Dilatation from NNW PZ 0.82 u; 0.4 sec. FELT VI AT LOS ANDES AND V AT LA LIGUA Dist. 173 Km.		eP 14:52:09 eS 35 Small Dist. 240 Km.		iP 15:35:05.4 iS 18.0 Dilatation from NW FELT VI AT PUTAENDO AND V AT LOS ANDES Dist. 106 Km.
	eP 13:36:08 iS 29 Small Dist. 190 Km.	21	eP 00:03:04 eL 16:48 Compression		
	eP 18:17:13 e(S) 18:54		eP 00:12:26.9 eS 41.5 Small Dist. 126 Km.		
			eP 08:12:49 eS 13:41 Dist. 500 Km.		

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PROVISIONAL READINGS AT PELDEHUE

Oct. 23 1965	eP 18:57:31.5 eS 58:08 Dist. 345 Km.	Oct. 25 1965	eP 04:47:52 eS 48:10 Small Dist. 160 Km.	Oct. 26 1965	eP 00:00:37 eP 04:40:31.5 eS 41:06 Dist. 325 Km.
	eP 23:25:22 eS 26:35 Dist. 710 Km.		eP 04:48:42 eS 59 Small Dist. 150 Km.		eP 12:17:08 e 19 iS 19:12.5 Dist. 11.1°
24	iP 12:24:42.3 iS 56.0 Compression Dist. 117 Km.		eP 06:44:19.5 eS 50.1 Dist. 286 Km.		eP 21:39:16.2 iS 26.7 Small Dist. 85 Km.
	e(PKP) 14:51:40		eP 12:25:48.5 eS 26:03.5 Small Dist. 130 Km.		e(PKP) 23:35:09.8 Compression
	eP 17:35:(03) e 39 eS 36:01.5 Dist. about 560 Km.		eP 18:31:24.5 e 47.4 i 32:04 iS 23 Dist. 565 Km.	27	eP 01:42:(45) eS 44:14 Dist. about 870 Km.
	eP 23:09:43.5 eS 10:00.5 Small Dist. 150 Km.		eP 22:53:51 ipF 55.0 ePP 58:13 ePS 23:07:25 eSSS 16:37 e(Q) 21:48 eR 25:56 Dist. 102° Depth over 150 Km.		eP 10:12:18 eS 13:20.5 Dist. 605 Km.
	eP 23:13:30.5 iS 47.7 PZ 0.4 u; 0.3 sec. Dist. 152 Km.				iP 12:30:02.8 iS 14.2 Dilatation PZ 0.53 u; 0.3 sec. Dist. 94 Km.
25	eP 00:50:36.7 eS 53.5 PZ 0.16 u; 0.3 sec. Dist. 148 Km.				eP 13:59:25 iS 34.0 Small Dist. 70 Km.
	eP 03:21:15 eS 41 Small Dist. 240 Km.				

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h 581 m

Oct. 15 1965	eP 21:49:04.3 iS 16.6 Dist. 103 Km.	Oct. 18 1965	eP 06:46:39.4 iS 50.4 Dist. 90 Km.	Oct. 23 1965	iP 15:35:08.7 iS 24.2 Dilatation FELT VI AT PUTAENDO Dist. 135 Km.
17	eP 01:48:(36) e 44 iS 49:23.5 Dist. about 450 Km.		eP 07:13:07.8	24	iP 12:24:40.0 iS 53.0 FELT II AT SANTIAGO
18	eP 00:57:07 e(S) 58:18 iP 01:07:54.0 iS 08:04.0 Compression Dist. 80 Km.		22 eP 18:37:57.5 e(S) 39:45.5	25	eP 22:53:52 e 54:47 Teleseism
			23 eP 06:54:33.5 e(S) 55:35 Dilatation	26	eP 12:17:12 e(S) 19:16
				27	eP 12:30:02.8 iS 14.0 Dist. 92 Km.

E. Lorca
Seismologist

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 Santiago, Chile

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PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h 384 m

Oct.14 e(P) 03:29:02	Oct.20 eP 13:03:33	Oct.24 eP 17:34:16
1965 eS 30:37	1965 eS 40	1965 eS 31
	Dist. 55 Km.	Dist. 120 Km.
16 eP 22:06:02	21 eP 08:12:02	26 eP 12:15:54
eS 48	eS 12:20	eS 16:36
Dist. 415 Km.	Dist. 145 Km.	Dist. 375 Km.
17 eP 01:48:25	22 eP 18:36:39	27 eP 01:41:22
eS 49:11	eS 37:06	eS 46
Dist. 415 Km.	Dist. 230 Km.	Dist. 190 Km.
18 eP 00:56:25	23 eP 06:54:14	eP 10:11:17
eS 57:01	eS 52	eS 29
Dist. 320 Km.	Dist. 340 Km.	Dist. 95 Km.
eP 05:28:11	eP 15:36:02	
eS 20	e(S) 37:06	
Dist. 70 Km.		

L. Cabello
 Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.18 eP 18:16:20	Oct.22 eP 03:39:03	Oct.24 eP 03:04:02.5
1965 eS 43	1965 iS 07.5	1965 iS 06
Dist. 200 Km.	Dist. 35 Km.	Dist. 30 Km.
e(P) 19:24:22	23 eP 15:35:53	e(P) 12:26:00
Small	eS 36:41	
	Dist. 470 Km.	
19 eP 11:58:57	eP 18:57:22	25 eP 09:40:07.5
eS 59:17		iS 16.5
Dist. 165 Km.		Dist. 75 Km.

A. Sickinger
 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

CHILE



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Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct. 27 1965	iP 21:55:47.4 iS 50.2 Compression local	Oct. 30 1965	eP 20:52:14.2 iS 28.5 Dist. 123 Km.	Nov. 03 1965	eP 01:43:32.5 eS 47:09 Dist. 20° PZ 1.5 u; 1.2 sec.
	eP 22:17:22.3 i 39.7 e(S) 56 Two shocks?		eP 23:42:48.7 e(S) 43:35 e 44:24		iP 01:49:38.3 eS 53:23.8 PZ 0.4 u; 0.9 sec. Dist. 21°
28	iP 01:01:20.1 iS 31.8 Compression from NE PZ 0,32 u; 0.5 sec Dist. 97 Km.	31	eP 11:34:02.5 eS 20.2 Small Dist. 157 Km.		eP 04:42:21 eS 46.5 Dist. 235 Km.
	eP 05:14:35.5 iS 53.2 Dist. 157 Km.		eP 13:49:53 eS 51:33.7 e(R) 52:23 Dist. 9°		eP 06:42:03.8 iS 44.6 Dist. 390 Km.
	eP 08:24:49.3 eS 25:22 Dist. 307 Km.		eP 22:44:09.4 eS 33 Small Dist. 216 Km.		eP 13:01:38 e(S) 02:53
	iP 17:04:42.8 iS 54.2 Dilatation from NE Dist. 94 Km.	Nov. 01 1965	eP 03:04:32 eS 05:03 Dist. 290 Km.		eP 23:30:43.5 e 53 e(S) 31:48
29	eP 02:00:36 eS 56 Dist. 180 Km.		eP 10:25:42.3 e 53.5 eS 58 Dist. 137 Km.	04	eP 00:15:52 iS 16:24 Dist. 300 Km.
	eP 07:36:43 eS 37:13.5 Dist. 285 Km.		eP 13:29:48.5 eS 30:14 Small Dist. 235 Km.		eP 00:41:35 eS 42:46 Dist. 690 Km.
	eP 10:00:04.5 eS 01:28 Dist. 815 Km.		eP 14:35:24.7 eS 36:27 Dist. 600 Km.		eP 01:07:06.6 iS 34.8 Dist. 262 Km.
	eP 11:53:07.8 eS 29 Small Dist. 192 Km.		eP 14:46:29.5 eS 47:16 Dist. 445 Km.		eP 04:12:23.5 eS 50.2 Dist. 247 Km.
30	eP 03:15:13.4 eS 26.5 Small Dist. 110 Km.		eP 14:57:14.5 i 26.3 iS 45.5 Dist. 290 Km.		eP 11:15:00 eS 16:(14) Dist. 720 Km.
	No time marks from 05:30 to 13:59		iP 20:36:25.8 iS 39.4 Dilatation from SW PZ 0.28 u; 0.3 sec Dist. 116 Km.		ePDP 14:11:10.0
	eP 18:19:49.5 eS 20:18 Dist. 265 Km.	02	eP 10:37:54.4 eS 38:17 Small Dist. 206 Km.	05	eP 06:32:53 eS 33:31 Dist. 360 Km.
					eS 10:17:07 eG 20:04 eR 22:08
				06	iP 01:15:27.7 iS 50.1 Dilatation Dist. 204 Km.

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PROVISIONAL READINGS AT PELDEHUE

Nov.06 eP	09:29:18.3	Nov.07 eP	07:43:51	Nov.08 eP	20:26:39.5
1965 eS	35:26	1965 eS	45:17.5	1965 eS	50.4
eG	38:28	Dist.	850 Km.	Small	
eR	40:14			Dist.	89 Km.
Dist.	40°	eP	10:51:05.6		
		e(S)	48	09 iP	11:04:05.4
eP	18:14:25.5			iS	31.0
iS	48.2	08 eP	03:48:(20)	Dist.	236 Km.
Dist.	207 Km.	eS	50:12		
		Dist.	about 10.2°	10 eP	02:28:05.5
07 eP	03:30:26.2	Doubtful		iS	35.6
iS	40.4	eP	04:13:55.5	Dist.	280 Km.
Small		e	14:09		
Dist.	122 Km.	iS	14:14.5	eP	09:48:45
		Dist.	175 Km.	e(R)	52:00
eP	03:33:10.5			e	55:15
eS	34	eP	06:33:31.5		
Dist.	215 Km.	eS	57.6	eP	12:48:(36)
		Small		e(S)	53:13
eP	07:39:50.5	Dist.	201 Km.		
eS	41:17.5			eP	14:34:30
Dist.	857 Km.			iS	35:00.5
				Dist.	485 Km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h 581 m

Oct.28 iP	01:01:21	Oct.31 eP	13:49:57	Nov.03 eP	06:42:07
1965 eS	33.4	1965		1965	
Compression		Nov.01 eP	10:25:39.5	05 eP	06:32:47.5
Dist.	104 Km.	1965 eS	53	07 eP	03:33:08.5
		Dist.	115 Km.	eS	29
eP	05:14:38.5			Dist.	185 Km.
eS	15:(00)	eP	14:46:17		
				08 eP	04:13:58
eP	17:04:44	03 eP	01:43:35.5	eS	14:(21)
eS	56.5	eP	01:49:39.5	Dist.	about 210 Km.
Compression					
Dist.	105 Km.	eP	04:42:20		
		eS	(43.5)		
		Dist.	about 215 Km.		

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Oct.23 eP	06:58:40.5	Oct.25 eP	22:54:32	Nov.03 eP	01:46:17.5
1965 eS	07:02:58	1965 ePP	58:41	1965 ePP	47:52
e(R)	05:40	ePS	23:08:05	iS	52:08.0
Dist.	25°	e(SSS)	18:24	eSS	55:10
		Dist.	about 105°	Dist.	39°
				PZ	1.0 u; 1.1 sec.

E. Lorca
Seismologist

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PROVISIONAL READINGS AT COPIAPO.

27° 21' 15" S 70° 21' 04" W h 384 m

Oct.28 eP 08:26:47	Nov.03 eP 01:42:44	Nov.04 eP 00:41:10
1965 eS 54	1965 eS 45:39	1965 eS 17
Dist. 55 Km.	Dist. 1690 Km	Dist. 55 Km.
29 eP 08:33:02	eP 05:59:10	eP 11:14:02
eS 12	eS 13	eS 17
Dist. 80 Km.	Dist. 25 Km.	Dist. 120 Km.
30 eP 06:44:02	e(P) 08:53:25	Nov.06 eP 06:19:17
eS 16	eS 38	eS 35
Dist. 120 Km.		Dist. 145 Km.
31 iP 13:48:42	eP 11:51:36	08 eP 03:47:01
eS 49:15	eS 48	eS 43
Dist. 290 Km.	Dist. 95 Km.	Dist. 375 Km.
eP 17:20:47	eP 13:00:28	eP 08:21:27
eS 53	eS 51	eS 22:12
Dist. 50 Km.	Dist. 185 Km.	Dist. 400 Km.
Nov.01 eP 16:20:29	eP 23:29:36	
eS 44	eS 47	
Dist. 120 Km.	Dist. 90 Km.	

L. Cabello
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.30 eP 10:04:16	Nov.01 eP 20:13:(03)
1965 eS 34	1965 eS 06.5
Dist. 145 Km.	
Nov.01 eP 14:34:39.5	
i(S) 46.5	
eP 14:45:30.5	A. Sickinger
iS 37	Seismologist
Dist. 50 Km.	

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

Nov. 65

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov. 11 1965	eP 03:03:41.5 eS 13:33 eSS 18:46 eG 25:00 eR 28:20 Dist. about 79° eP 09:02:32.5 iS 42.6 Small local Dist. 80 Km. eP 09:30:37 eS 32:(14) Dist. about 950 Km. eP 11:46:09.5 iS 33 Small Dist. 215 Km. iP 21:16:03.5 iS 16.5 Compression from NNW Dist. 110 Km.	Nov. 13 1965	eP 04:53:47.5 e(pP) 54:30 ePP 58:10 eP 14:41:51.5 iS 56.6 Small local Dist. 40 Km. iP 18:00:46.2 iS 01:36 Compression from N PZ 0.66 u; 0.5 sec. Dist. 478 Km. eP 22:27:04 eS 59 Dist. 530 Km.	Nov. 15 1965	eP 05:05:35.3 Distant shock No phases in 1P components eP 05:07:(54) eS 08:48 Dist. about 520 Km. eP 05:09:24.6 iS 44.5 Dist. 179 Km. iP 05:11:04.4 iS 18 Dist. 116 Km. eP 07:42:10.5 e(S) 44:25.5 eP 09:42:04.5 iS 23.0 Dist. 165 Km. iP 09:42:39.8 iS 48.4 Compression Dist. 65 Km. Superimposed to pre- cedent shock Small local eP 11:28:48.6 epP 54.5 e 33:22 eS 36:55 eSS 40:32 e(SSS) 42:30 eG 43:30 Dilatation Dist. about 59° eP 14:39:32.5 eS 40:02.2 Small Dist. 277 Km. eP 16:58:47.8 eS 59:05.7 Compression Dist. 159 Km. iP 17:58:44.6 iS 56.9 Dist. 103 Km.
12	eP 02:12:05 eS 18:32 eR 21:54 Teleseism Dist. 44° eP 03:45:30.6 iS 41.6 Small Dist. 90 Km. eP 05:34:55 eS 35:15.6 Small Dist. 186 Km. eP 07:51:(43) eS 52:32.7 Dist. about 480 Km. iP 12:43:45.6 iS 57 Dilatation from NE? Dist. 94 Km. iP 16:00:47.4 Compression Explosion?	14	eP 05:53:54.2 eS 54:26.2 Dist. 300 Km. eP 06:17:00.6 eS 39.8 Dist. 372 Km. eP 07:44:51 eS 45:14.3 Dist. 193 Km. eP 12:48:50.4 iS 49:11.4 Dist. 194 Km. eP 13:18:23.9 iS 48.0 Dist. 221 Km. iP 22:47:04.2 iS 28.0 Compression from NW PZ 1.9 u; 0.2 sec. Dist. 218 Km.	15	eP 00:05:(55) e 06:00 eS 31 Dist. about 340 Km. eP 03:38:21.9 eS 38.5 Compression Dist. 146 Km. eP 03:40:25 iS 43.5 Dist. 165 Km.
13	eP 03:03:44.5 eS 04:04.6 Small Dist. 181 Km. eP 04:26:03.5 e(S) 27:22				

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Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT SANTIAGO
(Santa Lucía)

33° 26' 40" S 70° 38' 54" W h 581 Km

Nov 08 eP 18:20:56 1965 FELT III AT SAN JUAN	Nov.13 eP 04:53:47.5 1965 e 54:30.5 e 58:10	Nov.15 eS 00:38:45.8 1965 eP 05:05:32.5 Distant shock iP 05:11:07 eS 22 Dilatation Dist. 130 Km.
10 eP 02:28:08 eS 41.5 Dist. 315 Km.	eP 14:41:49 eS (55.5) Dist. about 40 Km.	eS 09:42:28.5
eP 09:48:42	eP 18:00:50.2 eS 01:43.8 Dist. 516 Km.	eP 09:42:40 eS 48.6 Dist. 65 Km.
eP 18:53:47.5 e(S) 54:15	14 eP 12:48:53 eS 49:16.8 Dist. 218 Km.	eP 11:28:49.5 eS 36:57 Distant shock Dist. 60°
11 eP 09:02:31.5 eS 40.5 Small local Dist. 70 Km.	eP 13:18:26 eS 55 Dist. 270 Km.	
12 eP 12:43:46.5 eS 59.6 Dilatation Dist. 111 Km.	eP 22:47:07.5 eS 35.5 Dist. 260 Km.	
13 eP 04:26:00.3 e(S) 27:19.5		

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Nov.05 eP 21:53:15.5 1965 e 45 iS 56.6 Dist. 390 Km.	Nov.06 iP 08:10:42.9 1965 i 11:12.2 iS 24.2 Compression PZ 2.9 u; 0.4 sec. Dist. 393 Km.
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E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Nov.07 eP 07:38:58 1965 Small	Nov.13 iP 04:25:08 1965 iS 19 Dist. 90 Km. FELT II AT CONCEPCION
eP 07:42:58 Small	eP 06:42:00 iS 10
11 eP 09:29:46 Small	

A. Sickinger
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h 80 m

Nov.01 eP 07:23:42.4	Nov.03 eP 16:02:31.3	Nov.04 eP 14:12:09.0
1965 eS 24:19.0	1965 eS 42.8	1965 e(G) 24:-----
i 20.5	i 43.7	PZ 0.06 u; 0.9 sec.
Compression	Dist. 90 Km.	e(S) 17:03:40.0
Dist. 330 Km.	eP 16:04:25.3	Dilatation
e(P) 14:58:28	i 25.5	iP 23:02:17.2
local	iS 59.3	eS 53.3
eP 16:21:04.8	Dist. 300 Km.	Dist. 320 Km.
eS 35.0	eP 17:00:02.3	Dilatation
Dist. 260 Km.	PZ 0.27 u; 1.0 Sec.	
02 iP 08:56:31.2	eP 18:28:41.7	05 iP 09:54:58.7
iS 57:11.6	PZ 0.77 u; 1.8 sec.	eS 55:34.1
Dilatation from ESE	eP 18:45:50.7	Dist. 310 Km.
Dist. 370 Km.	iS 46:11.3	Compression from E
eP 11:11:01.3	Dist. 180 Km.	eP 11:23:59.2
eS 38.5	Dilatation	eS 24:43.0
Dist. 330 Km.	eP 23:30:15.9	Dist. 410 Km.
eP 12:02:27.2	local	Dilatation
eS 03:32.4	04 iP 00:41:09.6	eP 14:26:33.1
Dist. 630 Km.	Compression from S	eS 44.3
03 eP 01:42:07.2	eP 03:33:30.8	Dist. 90 Km.
i 07.7	eS 34:01.9	eP 14:53:10.1
e 44:06	Dist. 270 Km.	eS 48.4
e(S) 19	e(P) 04:21:56	Dist. 350 Km.
e(S) 29	eS 22:22	iP 15:16:29.1
e(PcP) 46:35	iP 07:17:28.5	iS 51.0
eScP 49:17.4	iS 33.6	Dist. 190 Km.
ePcS 50:13	Dist. 40 Km.	Compression from S
eScS 52:55.0	Compression from SSE	eP 15:29:54.8
Depth about 600 Km.	eP 09:06:25	eS 20:03:40.4
Dist. about 14°	eS 58.2	06 eP 00:42:16.6
eP 05:57:21.6	Dist. about 290 Km.	eS 39.0
iS 58:03.0	eP 09:35:32.2	Dist. 190 Km.
Dist. 190 Km,	i 33.0	Compression
Dilatation from ENE	e(S) 54	eP 12:58:48.4
eP 06:43:06.8	e 58	e(S) 59:09.2
e(S) 44:21	Compression	Dist. 370 Km.
e 31.0	eP 11:14:40	eS 06:22:49.4
e(P) 10:09:16.7	local	e(PcP) 07:28:54.8
e(S) 44	eP 12:13:05	Dilatation
No LP record from 03-11	eS 59.3	
at 12:15 to 04-11 at	Dist. about 520 Km.	
12:45	eP 13:59:54.5	
iP 13:00:37.2	e(S) 14:00:32.7	
iS 01:07.0	i 33.5	
Dist. 270 Km.		
Dilatation from S		

J. Frez
Seismologist

COLOGNE
ESTAMPILLA ANULADA
SUPERIOR

SANTIAGO
18 JUN 1962



COLOGNE
ESTAMPILLA ANULADA
SUPERIOR

**INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLATERRA.**



IMPRESO AEREO

CHILE

PELDEHUE

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 Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov.15 eP 19:02:58.2	Nov.16 eP 11:24:43.5	Nov.19 eP 07:33:53
1965 iS 03:13.5	1965 eS 25:05	1965 eR 40:43
Dist. 133 Km.	Dist. 195 Km.	Superimposed to precedent shock
eP 19:28:26	eP 15:35:52.2	eP 14:43:10.8
eS 52.7	eL 59:(50)	e(S) 44:01
Dist. 247 Km.	Dilatation	
eP 21:04:47	No SP record from	20 eP 02:17:29
eS 05:06	16-XI at 19:50 to	iS 42.3
Dist. 170 Km.	17-XI at 18:18	Small
eP 21:08:58	17 eP 18:48:27.5	Dist. 113 Km.
iS 09:42.4	eS 51.8	eP 09:21:01
Dist. 424 Km.	Dist. 223 Km.	eS 33
eP 22:13:44.5	eP 21:29:47	Dist. 300 Km.
eS 14:26.9	e(S) 31:36.5	eP 13:56:09.5
Dist. 404 Km.	iP 22:08:02.8	iS 30.8
eP 22:59:00.5	iS 11.5	Dist. 193 Km.
eS 19	Small local	iP 14:19:21.8
Dist. 165 Km.	Dist. 70 Km.	iS 46.8
eP 23:28:12	18 eP 14:21:04.5	Compression
eS 30.5	eS 20	PZ 0.2 sec. 0.67 u
Dist. 165 Km.	Small	Dist. 230 Km.
16 eP 01:23:11.5	Dist. 135 Km.	eP 15:24:35.1
eP 01:27:(15)	eP 16:09:38	Teleseism
eP 01:46:50.5	eS 10:18	iPKP 15:28:02.9
eS 47:03.5	Dist. 380 Km.	e 15.2
Small	eP 16:48:25.5	eP 21:24:51
Dist. 110 Km.	eS 37.5	iS 25:15.3
iP 05:56:58.9	Small	Dist. 223 Km.
eS 57:14.2	Dist. 100 Km.	eP 23:27:02.3
Compression from S	ePKP 20:12:49	eS 31.4
Dist. 133 Km.	e 14:26	Dist. 271 Km.
e(P) 07:05:35.8	e 16:38	
eP 07:39:10.3	iP 21:57:33.3	21 eP 00:57:14.5
eS 45.4	iS 43.5	eS 33.4
Compression	Dilatation from NNW	Dist. 169 Km.
Dist. 331 Km.	PZ 1,87 u; 0.4 sec.	eP 01:03:41.5
eP 08:00:(06)	Dist. 82 Km.	eS 04:05.5
eS (47)	19 eP 03:45:56.5	Dist. 270 Km.
Dist. about 390 Km.	e(S) 46:15.6	eP 04:41:55.6
eP 09:11:56.9	eP 06:22:40.5	eS 42:23.7
eS 12:33	eS 58.5	Dist. 261 Km.
Dist. 341 Km.	Small	iP 05:44:53.9
eP 09:15:44	Dist. 160 Km.	iS 45:09.7
	eP 07:20:55	Dilatation
	e 32:33	Dist. 138 Km.

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PROVISIONAL READINGS AT PEIDEHUE

Nov.21 eP 10:50:51.6 1965 epP 51:05.6 ePP 54:47 e 11:00:20 eSP 02:42.5 e 06:14 eSSS 11:18 eG 14:14 Dist. about 90°	Nov.21 eP 11:57:51.2 1965 iS 58:21.2 Dist. 280 Km. eP 14:51:51.9 iS 52:01.0 Dist. 70 Km. Small	Nov.22 eP 05:46:31.6 1965 eS 56.7 Dist. 231 Km. eP 12:11:06 Distant shock
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E. Lorca
 Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Nov.16 eP 05:57:02.3 1965 eS 17.3 Dist. 130 Km. eP 07:39:06.5 eS 39 Dist. 305 Km. eP 22:47:21.5 eS (45.5) Dist. about 220 Km.	Nov.17 eP 18:48:24.5 1965 eS 47 Dist. 205 Km. 18 iP 21:57:37.3 eS 49.5 Dilatation Dist. 102 Km. 19 eP 03:46:00 eS 22.2 Dist. 202 Km.	Nov.20 eP 14:19:23.6 1965 eS 49.5 Dist. 239 Km. eP 15:28:02 Distant shock eP 21:24:58 Small 21 eP 05:44:50.6 eS 45:03.5 Dist. 109 Km.
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H. Becker
 Seismologist

eP 11:57:54
 e(S) 58:(21.5)

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Nov.15	1965	e(PPP)	11:38:42
		eSKS	42:52
		ePPS	46:00
		eSSS	54:48
		eR	12:04:04

H. Becker
 Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Nov.13 e(P) 18:02:(--) 1965 eS 03:(25) Doubtful interpretation eP 22:26:09 eS 23 Small Dist. 115 Km.	Nov.14 eP 05:53:00 1965 eS 20 Small Dist. 165 Km. e(P) 06:16:46 Small	Nov.15 eL 11:46:(--) 1965 Distant shock 18 eP 20:37:(11) iS 14
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A. Sickinger
 Seismologist

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PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Nov.12 eP 23:40:40	Nov.15 eP 09:14:37	Nov.18 eP 12:50:13
1965 eS 59	1965 eS 46	1965 eS 22
Dist. 150 Km.	Dist. 70 Km.	Dist. 70 Km.
13 eP 18:00:28	17 eP 13:39:02	20 eP 11:24:28
eS 01:02	eS 13	eS 36
Dist. 300 Km.	Dist. 90 Km.	Dist. 65 Km.
15 eP 01:26:28		
eS 37		
Dist. 70 Km.		

L. Cabello
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Nov.06 ePKP 09:17:10.6	Nov.07 e(P) 12:34:36.2	Nov.09 eP 17:33:52.3
1965	1965 eS 35:11	1965 eS 34:39.0
iP 09:29:21.5	e(P) 18:28:27.5	Dist. 440 Km.
ePcP 31:27.2	eS 50.9	eS 18:56:10.3
eS 35:30	08 eP 02:57:22.3	iP 21:42:29.5
eG 38:32	eS 44.4	eS 43:15.2
eR 40:13	Dilatation from S	i 16.5
PZ 0.65 u; 1.4 sec.	Dist. 190 Km.	Dist. 430 Km.
Mag. about 6.3	iP 03:46:10.4	10 iP 01:05:21.7
Compression from W	iS 17.4	iS 28.4
Dist. 40°	Compression from SE	Dist. 60 Km.
eP 14:26:16.6	Dist. 60 Km.	Dilatation from NNW
eS 27:42.9	eP 15:21:13.3	eS 01:17:05.3
Dist. 230 Km.	i 13.5	eP 01:48:46.7
iP 14:40:04.3	eS 22:05.0	e(S) 49:48
eS 19.9	Dist. 500 Km.	i 51.1
Compression from E	From E	eP 02:30:33.8
Dist. 130 Km.	e(P) 18:22:19.4	eS 31:16
eP 17:58:02	Local	Dist. 390 Km.
eS 27	09 eS 03:55:35	Dilatation From E
Dist. about 210 Km.	e(P) 04:09:22.0	eP 07:23:00
iP 21:32:11.6	i 23.4	eS 31
eS 53.2	eS 10:19.4	Dist. 280 Km.
Dist. 380 Km	eP 12:30:48.1	eP 09:12:08.0
eS 22:12:05.1	i 48.4	eS 23.3
eP 23:48:25.1	e(S) 31:48	i 25.1
e(S) 47.6	i 51.8	Dist. 130 Km.
07 eP 07:07:20.9	eP 12:16:40.8	eP 09:50:40.5
eS 57.9	eS 17:17.1	e(S) 54:52
Dist. 340 Km.	Dist. 320 Km.	PZ 0.11 u; 1.1 sec.
eP 12:08:57.2		Mag. about 5.3
e(S) 09:25.5		

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.10 eP 12:48:23.8
1965 e(S) 50
PZ 4.64 u; 1.3 sec.

e(S) 14:36:02.7
i 04.0

eS 18:57:07

iP 21:30:37.9
eS 31:22.7
Dilatation from E
Dist. 420 Km.

Nov.11 eP 03:04:25
1965 e(S) 15:02
i 22
ePS 16:12
eSS 21.1
eSSS 24.5
eG 27:51
eR 32:09
Dist. 91°

e(P) 11:05:29
eS 06:11.2
i 13.2

11 iP 02:32:52.3
eS 33:36.7
Dist. 410 Km.
Dilatation from E

J. Frez
Seismologist



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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLATERRA.

IMPRESO AEREO

SANTIAGO (SANTA LUCIA)

Nov & Dec. '65

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Santiago, Chile

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PROVISIONAL READINGS AT SANTIAGO (Santa Lucia)

33° 26' 40" S 70° 38' 54" W h 581 m

Nov.30 eP 11:52:16.5 1965 eS 29.5 Dist. 110 Km	Dec.02 eP 19:17:26 1965 eS 44.5 Dist. 165 Km	Dec.04 eP 19:59:(55.5) 1965 e 20:00:35 eP 23:32:35 eS 48 Dist. 110 Km
Dec.01 eP 01:46:51.0 1965 eS 47:26.8 Dist. 338 Km	03 iP 01:50:26 eS 42.5 Dilatation Dist. 145 Km	05 eP 20:34:14.5 Further phases not clear
02 ePKP 00:40:16.6 eP 10:17:13 eS 46.5 Dist. 315 Km	04 eP 06:49:30 eS (59.4) Dist. about 264 Km	06 eP 11:45:(17) Distant shock
eP 14:22:51.5	eP 08:01:02.4 eS 28.5 Dist. 241 Km	Another shock: Dec.04 eP 19:59:19.5 1965 eS 31.5 Dist. 100 Km

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Nov.28 eP 03:58:30 1965 e(PPP) 59:30 iS 04:00:34 Dist. 11.2° FELT V AT AYSEN	Nov.28 eP 05:30:(11) 1965 e(S) 31:19 eP 09:42:42 eS 44:14.5 Dist. 725 Km	Nov.30 eP 10:54:09 1965 Distant shock? eP 10:59:11 Distant shock?
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H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Dec.01 eP 05:47:45
1965

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Dec.01 eP 01:48:07 1965 eS 08 Dist. 10 Km	Dec.01 eP 06:26:17 1965 eS 20 Dist. 25 Km	Dec.02 eP 10:17:43 1965 e(S) 18:39
eP 03:59:48 eS 50 Dist. 15 Km	eP 08:25:15 eS 23 Dist. 65 Km	L. Cabello Seismologist

COPIAPO

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PROVISIONAL READINGS AT PELDENUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov.30 1965	eP 00:48:56.5 eS 49:13 Dist. 145 Km	Dec.02 1965	iP 19:17:24.6 iS 42.2 Compression from NE Dist. 156 Km	Dec.04 1965	iP 19:59:56.0 iS 20:00:21.5 Dist. 235 Km
	eP 05:32:02.7 e(S) 33:04		eP 21:56:26 iS 40.3 Dist. 123 Km		eP 20:45:16 e 49.5 e(S) 46:11
	eP 11:52:17.8 iS 31.3 Compression Dist. 115 Km		eP 22:12:31 iS 51.8 Dist. 188 Km		eP 23:32:39 iS 54 Dist. 130 Km
Dec.01 1965	eP 00:49:22 iS 34.6 Dist. 106 Km	03	iP 01:50:22.8 iS 37.2 Dilatation from NW PZ 0.35 u; 0.4 sec. Dist. 124 Km	05	eP 03:14:39.7 eS 15:35.5 Dist. 538 Km
	iP 01:46:48.1 iS 47:20 Compression PZ 0.46 u; 0.4 sec. Dist. 299 Km		eP 09:58:30.7 eS 53 Small Dist. 203 Km		eP 04:57:(09) eS 30 Dist. about 190 Km Small
	eP 03:21:46 eS 22:26 Dist. 380 Km		eP 10:54:(03) eS 56:00 Dist. about 10°		eP 11:43:12 iS 34.3 Small Dist. 203 Km
	eP 08:27:25.5 e(S) 28:44		iP 14:57:34.8 iS 43.3 Small Dist. 65 Km		eP 20:09:16 iS 33.1 Small Dist. 151 Km
	eP 09:38:14.5 eS 30 Small Dist. 135 Km		iP 19:46:07.3 iS 20.5 Small Dist. 112 Km		iP 20:34:11.0 i 16.7 iS 35:03.5 i 10.5 Dilatation from NE PZ 0.23 u; 0.6 sec. Dist. 505 Km
	eP 13:29:49 Small local		eP 21:37:17.3 Distant shock?		eP 23:51:50 eS 52:19.8 Dist. 278 Km
	eP 13:31:19 eS (42) Dist. about 200 Km	04	eP 03:28:38 e 32:05	06	eP 11:45:13.8 ePP 47:32 eS 53:46 ePPS 54:20 eSS 57:53 eSSS 12:01:04 eR 03:48 Dist. 62.5°
02	ePKP 00:40:12.8 e 43:14		eP 06:49:26.5 e 40 eS 53 i 57.5 Dist. 245 Km		eP 18:42:34.5 iS 45.5 Small Dist. 90 Km
	iP 10:17:09.6 iS 41.0 Compression from NNE Dist. 294 Km		eP 07:06:39 e(S) 07:12.5		
	eP 14:22:47.6 e 23:00 e 36 e(S) 51		eP 08:01:02.8 iS 29 Small Dist. 242 Km		
	iP 16:54:41.5 iS 47.5 Compression from NE Dist. 40 Km		eP 19:59:15.4 iS 27.2 Dist. 98 Km		

E. Lorca
 Seismologist

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

<p>Dec.06 eP 22:11:57.5 1965 iS 12:00.4 Compression Small local</p> <p>07 iP 00:03:38.9 iS 47.0 Compression Dist. 61 Km</p> <p>eP 01:26:(27) eS 27:25</p> <p>iP 03:23:36.9 iS 53.7 Dilatation from NNE Dist. 148 Km</p> <p>eP 05:55:18 iS 33.5 Dist. 135 Km</p> <p>iP 08:48:55.0 iS 49:07.8 Dist. 108 Km FELT II AT SANTIAGO</p> <p>eP 11:18:23 eS 21:27.5 FELT III AT ARICA Dist. 16°</p> <p>eP 22:38:09 Distant shock?</p> <p>eP 22:56:02.3 eS 28 Dist. 237 Km</p> <p>08 eP 03:49:18 iS 34.4 Small Dist. 144 Km</p> <p>eP 07:40:43 e(S) 41:(52)</p> <p>eP 08:27:16.5 eS 28:37 Dist. 785 Km</p> <p>eP 10:19:10.8 iS 23.7 Dilatation Small Dist. 109 Km</p> <p>eP 10:22:08.5 iS 20.7 Small Dist. 102 Km No record all compo- nents from 10:30 to 9-XII-65 at 00:20</p>	<p>Dec.09 eP 03:04:35.7 1965 e(S) 05:07</p> <p>eP 03:57:35.7 eS 58:32.1 Dist. 544 Km</p> <p>eP 06:17:31.7 ePcP 18:34.7 eS 25:30 eSS 29:24 eSSS 32:07 eR 34:35 Dist. 57.5° MZ 25 u; 20 sec. Magnitude about 6</p> <p>eP 12:22:06.7 iS 22.9 Small Dist. 142 Km</p> <p>eP 14:24:22.7 eS 41 Small Dist. 163 Km</p> <p>eP 15:45:36 iS 46:06.7 Dist. 287 Km</p> <p>No record from 9-XII-65 at 19:01 to 10-XII-65 at 20:15.</p> <p>10 iP 21:06:19.7 iS 30.4 Dilatation from ENE PZ 0.08 u; 0.6 sec. Dist. 87 Km</p> <p>11 eP 00:34:34 e(S) 35:06 e 33 Two shocks?</p> <p>eP 13:41:21 i 28.7 iS 42:20 e 35 Dilatation from N? Dist. 570 Km</p> <p>eP 20:44:07.4 iS 24.0 Small Dist. 146 Km</p> <p>iP 22:11:26.3 i 34.5 iS 12:46.3 PZ 0.1 u; 0.5 sec. Dist. 780 Km</p>	<p>Dec. 12 eP 02:00:06.5 1965 e(S) 02:43</p> <p>eP 05:26:08.7 iS 26.6 Small Dist. 159 Km</p> <p>eP 06:15:58.6 e 16:09.5 eS 17:05.7 Dist. 651 Km</p> <p>eP 06:45:44 iS 58.9 Small Dist. 129 Km</p> <p>eP 07:57:21.5 iS 47 Dist. 235 Km</p> <p>eP 09:16:58.3 iS 17:15.5 Compression Dist. 152 Km</p> <p>eP 09:42:14.5 eS 34.8 Dist. 183 Km</p> <p>eP 15:37:37.8 eS 38:01.8 Small Dist. 220 Km</p>
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E. Lorca
Seismologist

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Santiago, Chile

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Dec.07 eP 00:03:39.5	Dec.08 eP 07:40:39.5	Dec.10 eP 13:41:24.5
1965 eS 48.3	1965 eS 41:59.5	1965 e 32.4
Dist. 68 Km	Dist. 780 Km	
eP 03:23:40.4	eP 10:22:03.5	11 eP 22:11:23
eS 24:00.5	eS 12	eS 12:(37)
Dilatation	Dist. 65 Km	Dist. about 720 Km
Dist. 181 Km		
eP 05:55:(22.4)	iP 22:15:49.1	12 eP 05:26:05.5
eS 39	e(S) 16:05.8	eS 20.6
Dist. about 146 Km		Dist. 131 Km
	09 eP 06:17:34	eP 07:57:18.5
iP 08:48:58.2	Distant shock	eS 40.2
eS 12.6		Dist. 197 Km
Compression	10 eP 18:52:28	eP 09:17:03.2
Dist. 124 Km	eS 53:03	eS (22)
FELT II AT SANTIAGO	Dist. 330 Km	Dist. about 168 Km
08 eP 03:49:20	eP 21:06:19.2	eP 09:42:17.5
eS 38.7	eS 30	eS 42
Dist. 167 Km	Dist. 88 Km	Dist. 225 Km

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52°46' 51" S 69° 14' 32" W h 73 m

Dec.03 e(P) 11:29:02	Dec.06 eP 11:46:44	
1965 eS 30:30.5	1965 eS 56:58	
	eSS 12:01:57	
	e(G) 08:48	
	eR 12:48	
	Dist. about 82°	H. Becker Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Dec.05 eP 20:34:23	Dec.08 eP 13:08:07
1965 eS 35:10	1965 eS 21
Dist. 425 Km	Dist. 110 Km

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Dec.07 eP 01:25:39.5	Dec.08 eP 07:40:47	Dec.11 eP 22:10:31.5
1965 eS 42.5	1965 eS 41:00	1965 i(S) 54
Dist. 25 Km	Dist. 105 Km	
08 eP 07:39:48	eP 08:26:21	eP 22:21:35
e(S) 40:01	e(S) 34	eS 56
		Dist. 180 Km
	eP 08:28:21	
	eS 34	
	Dist. 105 Km	A. Sickinger Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Nov.11 1965	eP 16:26:48.2 eS 27:28.2 i 28.7 Dist. 370 Km Compression	Nov.13 1965	eP 04:48:05.4 local Dilatation	Nov.14 1965	iP 18:35:55.9 eS 36:03.5 Dist. 110 Km Dilatation from S
	eP 20:21:22.2 eS 39.1 Dist. 140 Km		ePKP ₁ 04:53:39.8 i 47.3 ePKP ₂ 54:00.8 ePP ₂ 57:33 eSKSP 05:07.4 ePSP 10:33 eSS 17.0 eSSS 23:05 eG 37.5 eR 43:43 Compression Dist. about 152°-153°		eS 22:50:37.2
	eP 23:07:18.9 i 19.6 iS 59 Dist. 360 Km		eP 14:23:20.3 eS 38.3 Dist. 150 Km	15	eP 04:21:46.0 iS 57.1 Dist. 90 Km
12	e(P) 02:13.5 eS 20:25 eSS 23:55 eG 25:05 eR 26:58 Dist. 50° From WSW		eP 18:01:08.8 iS 10.5 i(S) 02:18 Compression from S PZ 0.10 u; 0.7 seg.		eP 06:34:38.6 eS 35:13.3 Dist. 310 Km Compression?
	iP 06:03:40.5 iS 47.2 Compression from NW Dist. 60 Km		i(P) 19:34:23.9 eS 42.1		eP 06:56:03.5 eS 48,5 Dist. 420 Km
	iP 06:21:46.0 iS 52.2 Dist. 50 Km Compression from NW		eP 20:42:43.0 eS 43:19.5 Dist. 330 Km		iP 07:40:11.1 eS 36 Dist. 220 Km Compression from E
	i(PKP) 07:18:09.2	14	iP 00:24:15.7 eS 50.9 Dist. 310 Km Compression from E		eP 11:28:23.8 i 30.7 eS 36,0 i 36:08 eSS 39.9 eG 41.6 eR 44.7 Dilatation from ENE Dist. about 55° Mag. about 6.1 PZ 0.25u; 1.3 sec.
	iP 10:14:59.1 eS 15:35.5 i 39.3 Dist. 320 Km Dilatation		e 03:23:09 eR 26.1 From WNW		eP 19:02:30.1 eS 03:10.3 Dist. 370 Km Compression
	eP 11:32:29.1 iS 33:08.6 Dist. 360 Km		ePKP 06:14:01.4 i 14.7		eP 21:03:13.0 eS 27.6 Dist. 120 Km Compression from NW
	eP 15:55:36.8 eS 59.1 Dist. 190 Km		iP 06:40:21.0 iS 28 Dist. 60 Km Dilatation from SSE		eS 21:12:19.9
	ePKP 18:12:11 eSS 36.2 eSS 41.5 e(G) 53.0 eR 19:01.5 MH 15.6 u; 23 sec. Mag. about 6.5		iP 09:05:09.2 eS 20.5 Dist. 90 Km Compression from ENE	16	ePKP 01:23:03.0 Compression
	iP 15:55:36.5 iS 58.8 Dist. 190 Km Compression from SSE		eP 10:51:35.1 iS 52:02 Dist. about 240 Km		eP 01:28:10.7 eS 20.6 Dist. 80 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.16 eP 03:42:19.0	Nov.17 iP 17:12:55.2	Nov.18 eP 11:56:40
1965 eS 55.3	eS 13:28.4	1965 eS 57:04.3
Dist. 320 Km	i 32.9	Dist. about 330 Km
Dilatation	Dist. 290 Km	
	Compression from ESE	eP 13:33:40
eP 06:11:40.3	eP 18:36:16.4	eS 34:17.1
eS 49.7	i 17.8	Dist. about 330 Km
Dist. 70 Km	iS 40.1	eS 16:38:04.9
	Dist. 210 Km	
eP 08:49:15.9	Compression from NE	eP 17:28:59.2
eS 20.4		eS 29:34.5
Dist. 40 Km	eP 19:55:56.7	Dist. 310 Km
Dilatation	eS 56:36.8	
eP 09:15:13.6	Dist. 360 Km	iPKP 17:36:35.8
local	Dilatation from NE	e 37:15.9
		Dilatation
eP 10:05:03	iP 21:28:33.8	eP 20:13:10.6
eS 09.1	iS 29:03	epP 14:47
Dist. about 50 Km	Dist. 270 Km	esP 15:36
		ePP 17:11
eP 14:56:55.7	eP 21:36:55.4	eSPP 19:27
eS 57:13.6	eS 37:45.5	epPP 20:48
Dist. 140 Km	i 50.5	eSKS 22:03
Dilatation	Dist. 370 Km	eS 24:03
	Compression from SE	eSP 25:28
eP 15:34:56.9	eP 22:17:41.6	epS 26:10
eS 43:25	eS 18:01.8	esS 54
ePS 47	Dist. 170 Km	e(SS) 30:54
eSS 47	Compression from N	esSS 33.4
eG 50:00		e(G) 41
eR 53:27	eP 23:32:57.9	Depth about 410 Km
Dilatation from NNE	eS 33:03.3	Dist. about 100°
PZ 0.31 u; 1.1sec.	i 04.1	
Mag. about 6.3	Dist. 40 Km	
Dist. 67°	Dilatation from SW?	
17 eP 07:01:51.2	eP 23:35:50.8	
eS 02:16.6	e(S) 36:17.0	
eP 07:48:13.0	18 eP 00:24:46.2	
eS 51.5	eS 25:08.7	
i 54.1	Dist. 190 Km	
Dist. 350 Km		
Dilatation	eS 06:03:16.2	
eP 08:00:51.5	e(P) 09:17:27.9	
i 52.7	eS 18:02.6	
eS 01:15.8		
i 16.4	eP 09:35:11.4	
Dist. 110 Km	eS 48.6	
Dilatation	i 49.9	
	Dist. 330 Km	
eP 12:08:14	Compression	
eS 30.5		
i 40.8	eP 10:01:19.6	
Dist. about 130 Km	eS 02:00.4	
	i 01.5	
eP 15:45:30.0	Dist. 370 Km	
eS 48.5	Compression	
i 51.2		
Dist. 150 Km		
Compression from SE		

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PROVISIONAL READINGS AT PELDENUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov.22 eP 19:15:11.6	Nov.26 iP 22:02:47.4	Nov.28 iP 01:31:33.2
1965 iS 35.8	1965 iS 58.9	1965 iS 56.2
Compression from NE	Dilatation from NW	Compression
PZ 0.1 u; 0.4 sec.	Dist. 95 Km.	Dist. 210 Km
Dist. 222 Km.		
eP 20:41:31.8	27 eP 01:48:47.2	eP 03:59:42
eS 42:42	Distant shock	eS 04:02:25
Dist. 682 Km.		eSSS 03:04
eP 20:45:(38)	iP 04:10:54.5	eR 03:48
eS 46:11	iS 11:02.8	Dist. 14.6°
Superimposed to former shock	Compression	FELT V AT AYSEN
Dist. about 300 Km.	Dist. 63 Km.	PZ 0.36 u; 0.9 sec.
	Small	
iP 21:33:14.9	eP 05:50:12.5	iP 04:13:50.0
iS 26.8	e 23	iS 14:02.7
Compression from NE	eS 52:03.5	Dilatation
PZ 0.96 u; 0.2 sec.	e 53:09	Dist. 107 Km
Dist. 99 Km.	Dist. 9.8°	
eP 22:10:17.6	eP 06:30:20	eP 07:09:52.2
iS 33.1	eS 46	iS 10:15.4
Small	Dist. 240 Km.	Dist. 212 Km.
Dist.135 Km.		
eP 23:17:42	eP 07:25:50.8	eP 08:04:26.9
eS 18:28.5	eS 59.7	eS 48.5
Dist. 445 Km.	Dist. 69 Km.	Dist. 196 Km.
23 eP 01:37:10.5	eP 08:44:23.5	iP 08:34:19.1
Distant shock	eS 43	iS 35.4
	Dist. 175 Km.	Dilatation
eP 08:01:14.4		Dist. 143 Km.
eS 46.1	eP 09:00:27.6	
Dist. 297 Km	e(S) 01:08.5	eP 14:04:58
		eS 05:30.3
24 eP 01:00:16	iP 12:02:17.2	Dist. 303 Km.
eS 36	iS 40.3	eP 19:24:49.5
Dist. 180 Km.	Dist. 211 Km.	eS 25:22
		Dist. 305 Km
eP 02:50:00.3	iS 12:04:24.4	
iS 30		iP 20:31:34.5
Dist. 277 Km.	iP 16:34:22.8	iS 54.1
	iS 46.6	Compression from NE
eP 09:45:02	Compression from S	PZ 0.09 u; 0.5 sec.
eS 46:03	Dist. 218 Km.	Dist. 176 Km.
Dist. 590 Km.		
Main Power off from	iP 20:33:25.8	eP 22:43:55.5
24 Nov. at 19:14 to	iS 35.6	eS 44:16.5
26 at 20:45	Dilatation from NNW	Dist. 190 Km.
	Dist. 78 Km.	
26 eP 21:16:(16)	eP 22:31:09.5	29 eP 04:44:52.5
eS 59	eS 43	eS 45:34
Dist. about 400 Km.	Dist. 315 Km.	Dist. 395 Km.
		eP 05:10:06.6
		Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Nov. 29 eP 09:07:45	Nov. 29 eP 15:00:15	Nov. 29 eP 16:17:16.3
1965 e 08:19.7	1965 eS 01:21	1965 eS 53
eS 26	Dist. 640 Km	Dist. 347 Km.
Dist. 390 Km.		
	iP 15:18:58.6	eP 17:12:51
eP 10:18:31	iS 19:16.0	e 17:39
iS 47.0	Dilatation from NW	Distant shock
Dist. 140 Km.	Dist. 154 Km.	

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO
(Santa Lucia)

33° 26' 40" S 70° 38' 54" W h 581 m

Nov. 22 iP 21:33:16.4	Nov. 27 eP 12:02:21.3	Nov. 28 eP 08:04:30.5
1965 iS 29.5	1965 e(S) (49)	1965 e(S) 56
Dist. 111 Km		
	eP 16:34:18.8	eP 08:34:22.5
24 eP 02:50:03.6	eS 41.2	eS 42.4
	Dist. 204 Km	Dist. 179 Km
25 eP 04:50:24	eP 20:33:29	eP 20:31:37
eS 42	eS 41.3	eS 58.8
Dist. 160 Km.	Dist. 103 Km	Dist. 198 Km.
26 eP 07:19:54.6	28 eP 01:31:38.3	29 eP 10:18:34.5
eS 20:05.4	eS 32:05.3	eS 54.2
Dist. 88 Km	Dist. 250 Km	Dist. 177 Km.
27 eP 04:10:54.5	eP 03:59:40	eP 15:19:01.5
eS 11:02.8	eS 04:02:15	eS 22
Dist. 63 Km	Dist. 14.5°	Dist. 185 Km.
eP 05:50:(31.5)	28 eP 04:13:52.5	
eS 52:17	eS 14:07.3	
Dist. about 9.6°	Dist. 128 Km.	
eP 07:25:51.1		
eS 26:01		
Dist. 79 Km		

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Nov. 13 eP 04:54:40.4	Nov. 15 e(PPP) 11:38:42	Nov. 18 eP 16:59:00
1965 ePP 58:26	1965 eSKS 42:52	1965 eS 41
e 05:19:00	ePPS 46:00	Dist. 390 Km.
More phases not clear	eSSS 54:48	
	eR 12:04:04	19 eP 01:10:20.6
eP 18:04:47		eS 11:21
eS 08:54	16 eP 12:01:38.2	Dist. 594 Km.
eL 12:--	eS 02:47	
Dist. 24°	Dist. 665 Km.	

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Nov. 28 eP	03:58:55	Nov. 29 eP	14:59:20
1965 eS	04:00:56	1965 e(S)	29

Dist. 1100 Km.

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384

Nov. 27 eP	05:48:56	Nov. 28 eP	04:01:00
1965 eS	49:36	1965 e(S)	06:36

Dist. 355 Km.

L. Cabello
Seismologist

PROVISIONAL READINGS AT BASE O'HIGGINS

63° 19' 00" S 57° 54' 00" W

Nov. 28 eP	04:01:25
1965 e	07:23

FELT V AT AYSÉN

Cap. Ojeda
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



Dec. 1965

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Dec.12 eP 20:03:58	Dec.15 eP 05:39:21.5	Dec.16 eP 13:30:21.7
1965 eS 04:15.3	1965 eS 30. (35)	1965 eS 36.4
Small	Dist..about 710 Km	Compression
Dist. 153 Km		Dist. 127 Km
iP 22:34:55.4	e(PKP) 08:41:41.5	eP 22:48:(56)
e 35:14.5	e 42:10.2	eS 51:20
iS 21.4	eP 10:50:12.5	Dist. about 820 Km
Compression	eS 30	FELT V AT CALAMA
Dist. 240 Km	Small	17 eP 04:57:21
	Dist. 155 Km	eS 55.5
13 eP 05:34:(35)	eP 12:05:01.8	Dist. 325 Km
eS 35:04.5	eS 16.3	e(P) 06:26:25.5
Dist.about 270 Km	Dist. 125 Km	
eP 09:54:43.4	eP 12:18:42	eP 09:21:58.8
i 55:01.1	Distant shock	eS 22:12.6
iS 14.3		Small
Dist. 289 Km	eP 14:30:43.4	Dist. 118 Km
	iS 58.3	
eP 10:41:52	Dist. 129 Km	eP 09:42:43.1
iS 42:09		eS 57.2
PZ 1.4 u; 0.3 sec.	eP 17:57:01.7	Small
Dist. 150 Km	eS 15.8	Dist. 121 Km
eP 11:11:47.7	Small	
e 12:01.4	Dist. 121 Km	eP 12:04:19.8
Distant shock		eS 41.8
	eP 19:50:49	Dist. 200 Km
eP 15:05:49	iS 51:17.5	Small
Distant shock	Dist. 265 Km	
		eP 13:25:32.8
eP 15:15:25	eP 23:07:09.4	eS 41.8
e 51	e 16.5	Dist. 70 Km
Distant shock	eS 08:03.8	Small
	Dist. 524 Km	
iP 21:59:19.3	eP 23:13:14.5	eP 14:40:14.5
iS 22.1	e(PP) 15:23	eS 37.2
Compression	eS 19:41	Dist. 207 Km
local	eSS 23:06	Small
	eR 25:36	
14 eP 00:17:00.4	Dist. 41 $\frac{1}{2}$ °	eP 15:45:37.3
iS 11.6		eS 48.8
Dist. 92 Km	iP 23:55:10.7	Dist. 95 Km
	iS 26.2	
eP 04:58:43	Dist. 135 Km	eP 15:56:29.2
e 05:02:24	Compression	eS 58
Distant shock		Dist. 268 Km
	16 eP 08:53:03.5	
eP 08:24:40	eS 34.7	eP 16:55:24.9
iS 54.7	Dist. 292 Km	eS 35.7
Dist. 127 Km		Dist. 98 Km
		Small
eP 16:28:51.5	eP 12:14:45.3	
iS 29:08	eS 15:15.8	eP 22:11:31.5
Dist. 145 Km	Dist. 285 Km	eS 49
		Small
eP 23:33:41.5		Dist. 155 Km
eS 34:01.5		
Small		
Dist..180 Km		

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PROVISIONAL READINGS AT PELDEHUE

Dec.18 1965	eP 01:09:39.8 eS 56.8 Dist. 150 Km	Dec.19 1965	eP 06:27:24 eS 49.5 Dist. 235 Km	Dec.21 1965	eP 12:27:46.3 eS 28:00 Dist. 117 Km
	eP 02:08:12.5 eS 29.5 Dist. 150 Km		eP 06:59:51.5 eS 07:00:15 Dist. 215 Km Small		eP 16:48:08 eS 38.5 Dist. 285 Km
	eP 02:28:20.8 eS 30.5 Dilatation Dist. 77 Km		eP 07:06:04.5 eS 14.5 Dist. 80 Km Small		eP 17:05:04 eS 45.5 Dist. 395 Km
	eP 03:30:37.3 eS 46.5 Dist. 72 Km Small		eP 19:56:30.2 eS 57:02.9 Dist. 307 Km		eP 22:21:37.7 eS 58 Small Dist. 183 Km
	eP 05:59:01.8 e 17 eS (59) Dist. about 550 Km		eP 20:14:33.7 Distant shock		eP 22:34:03 eS 20.2 Dist. 152 Km Small
	eP 06:21:32 eS 22:44.1 Dist. 700 Km		eP 22:08:35.6 eS 48.2 Dist. 106 Km		e 23:33:14.5
	eP 06:40:30 eS 50.3 Dist. 183 Km		eP 22:46:47.1 eS 47:08.5 Dist. 194 Km		eP 23:48:18.5 eS 40.7 Dist. 202 Km
	eP 08:58:45 eS 55.6 Dist. 86 Km	20	eP 06:48:29.7 iS 49:16.5 Dist. 448 Km	22	eP 00:06:15 Small
	eP 09:03:(28.5) eS 04:34.5 Dist. about 640 Km		iP 09:33:10.6 iS 24.4 Dilatation Dist. 118 Km		eP 01:11:48
	eP 11:39:17 eS 31.5 Dist. 125 Km		eP 10:59:40.3 e 11:01:05.4 e(S) 30.4		eP 05:04:54.5 eS 05:25.5 Dist. 290 Km
	eP 13:15:16.3 eS 26 Dist. 77 Km		e(P) 22:34:53 e(SKS) 41:08 e(SSS) 50:39 eR 57:30		eP 06:11:34 eS 48.8 Dist. 128 Km
	eP 14:17:10.5 eS 33.5 Compression Dist. 210 Km	21	eP 00:51:07 eS 21 Dist. 120 Km Small local		eP 09:24:15 eS 55.7 Dist. 387 Km
	eP 18:12:05.5 eS 15 Compression from SE Dist. 75 Km		eP 01:23:05.5 e 43 Two shocks superimposed?		eP 09:28:19.7 eS 43.3 Distance 216 Km
19	eP 02:40:57.5 eS 41:22 Dist. 225 Km Small local		eP 07:36:46.5 eS 37:01.5 Dist. 130 Km		iP 16:58:45.4 iS 52.6 Compression from NE Dist. 52 Km
			eP 09:40:41.3 eS 56 Dist. 127 Km		eP 20:13:36 e 57.5 e(S) 14:14.8
					eP 22:12:07.7 eS 29.5 Small Dist. 198 Km

PROVISIONAL READINGS AT ANTOFAGASTA
 (SPECIAL BULLETIN)

Dec.15 1965	eP eS	14:02:33 03:05	Dec.17 1965	iP eS	09:18:13.4 32.0	Dec.19 1965	eP eS	11:25:27.9 32.9
	Compression Dist. 290 km.			Compression from E Dist. 150 km.			Dist. 40 km.	
	eP i iS	14:34:31 32 53		eS	13:36:04.5		eP eS	14:29:58.3 30:33.5
	Compression from SE? Dist. 190 km.			eP eS	17:39:38 57.1		Dist. 360 km.	
	eP i iS	19:33:24 27 51		eG eR From W	19:52:17 54:10		eP iS	17:50:23.5 58
	Compression Dist. 240 km.			e(S)	20:07:25.5		Dist. about 300 km.	
	eP eS	19:38:51 57		e(P) eS	22:48:13 49:11		eP e(S)	20:12:32.6 14:11.9
	Compression from NE Dist. about 50 km.			eP e(S) i	23:42:58 43:32 33.3		20 eP e(S)	00:12:50 13:05.8
	eP e eS eSS eR	23:12:00.0 50 17:25 19:44 21:40		Two shocks?			eP eS	04:24:49.6 25:09.3
	Dilatation from NNW PZ 10.6u; 0.5 sec. Magnitude about 7.0 Dist. 35°			eP eS	23:38:12.2 47.0		Compression Dist. 170 km.	
	No record from 01:00 Dec.16 to 14:15 Dec.16 due to a Stroboscope failure.			Dist. 310 km.			eP eS	08:13:09.9 26.4
				18 eP e(S) i	02:45:59.8 46:09.3 10.6		Compression Dist. 130 km.	
				Dilatation			eP eS	11:43:54.6 44:06.1
				eP eS	03:01:55.4 02:30.8		Compression Dist. 90 km.	
				Dist. 310 km.			eP e(S)	14:22:12.5 47.6
16	iP eS	17:23:45.0 24:12		eP e(S)	05:59:10.3 06:00:07		eP eS i	16:18:24 41.7 44.7
	Compression from NE Dist. 240 km.			e(P) Local	06:22:06		Dist. about 150 km.	
	eP eS	17:44:49.4 17:45:29.7		eP eS	14:13:15.8 14:13:52.5		e(P) eS	18:49:11.4 18:49:38.9
	Dist. 360 km.			Dilatation? Dist. 330 km.			eP eS	20:02:55.6 20:03:02.2
	eP e(S)	18:20:40 18:21:07		Dist. 330 km.			Compression Dist. 50 km.	
	iP iS	22:47:03.6 22:47:28.6		eP eS	14:54:21.5 14:54:45.8		eS	20:10:23.0
	Compression from NE Dist. about 200 km.			Dist. 210 km.			21 eP e(S)	01:23:13 01:24:02.8
	Dist. 200 km.			eS	15:35:54.0		eS	02:18:24.9
17	eP eS e	03:44:43.7 03:45:06.7 45:10.4		e(P) eS	18:53:03.5 18:53:29.5		iP iS	06:11:22.4 06:11:58.5
	Dist. 200 km.			eS	20:08:08		Compression from ESE Dist. 320 km.	
	e(P) eS	04:49:57.5 04:50:22.0		eS	23:18:49.4			
	e(PKP)	06:25:31.7						

PROVISIONAL READINGS AT ANTOFAGASTA

Dec. 21 1965	iP iS Compression from SW Dist. 130 km.	08:11:37.3 53.2	Dec. 23 1965	eP iS Dist. about 540 km.	10:26:50 27:46	Dec. 25 1965	eP iS Compression? Dist. 330 km.	02:54:44.9 55:02.2
	e(P) eS eS	09:50:57.7 51:07.5 10:20:35.2		eP eS Compression Dist. 360 km.	13:44:49.4 45:29.6		eP e(S)	03:11:25.6 50.4
	iP iS Compression from SW Dist. 400 km.	13:15:37.5 16:21.1		eP eS Dilatation Dist. 160 km.	16:19:18.3 36.5		e(P) eS	06:14:41.2 15:02.6
	e(P) Local	15:13:31.5		eP eS i Dilatation Dist. 160 km.	17:09:12.6 31.0 32.2		eP eS i Compression Dist. 70 km.	11:56:45.5 46.1 54.1
	eP eS Compression Dist. 40 km.	16:31:12.6 18.0		eS	21:16:35.6		eP eS i Compression Dist. 360 km.	18:18:59.9 19:38.9 41.0
	eS i	18:37:09.3 11.2		eP eS Dist. 240 km.	21:34:12.6 39.7		eP eS Compression? Dist. 90 km.	18:33:56.4 34:08.2
	eP e(S)	21:12:38.3 13:27.5	24	eP iS Dilatation Dist. 200 km.	01:00:33.2 56.8	26	eP eS Dilatation Dist. 270 km.	03:03:11.2 41.0
22	eP eS Dist. about 680 km.	09:25:05 26:15		eP e e(S) i Dilatation	03:02:35.2 45.8 51.0 03:06.8		eP eS Dist. 120 km.	04:09:24.0 39.5
	eP eS Dist. 320 km.	15:32:53.7 33:28.7		e(P) iS	15:50:56.6 51:43.9		eP eS Compression Dist. 330 km.	04:25:07.0 44.1
	iP ePKP ePP eSKS esSKS ePS ePPS eSS eSSS eG eR Compression Dist. about 110°	19:55:30.3 59:20 20:00:04 06:14 06:35 09:40 10:42 15:30 19:34 20:25:40 30:40		eP eS Compression Dist. 130 km.	17:35:28.1 44.1		eP eS Compression? Dist. 190 km.	05:59:55.6 06:00:17.9
	e(P) eS	22:33:00 34:01.8		eP eS i Compression from WNW Dist. 50 km.	17:43:28 46.4		eP eS Compression? Dist. 180 km.	09:04:41.3 05:01.5
23	eP eS Dist. 230 km.	05:42:07.7 34.0		eP eS i Compression Dist. 90 km.	21:01:51.1 57.1 02:01.8		eS eS	16:59:07.8 18:37:20.1
	eS	07:17:05.9		eP i eS i Compression Dist. 90 km.	22:20:22.3 24.8 34.0 46.1		eP eS Compression Dist. 320 km.	22:56:52.7 57:28.1
	eP e(S) i	08:18:14.9 30.4 44.1					eP iS Dilatation Dist. 50 km.	23:59:34.7 40.6

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Dec.27	eP	01:35:50.0	Dec.29	iP	00:50:01.0	Dec.30	iP	20:33:03.2
1965	e(S)	36:07.6	1965	iS	35.6	1965	eS	29.9
	i	15.6		Compression from ESE			i	30.5
	Compression from NE			Dist. 310 km.			Compression from ESE	
	eP	11:56:14.2		eS	01:27:17.0		Dist. 230 km.	
	iS	57:20.7		e(P)	02:03:03.8		eP	22:13:49.8
	Compression			eS	29.3		eS	14:19.2
	Dist. 630 km.						Compression	
	iP	13:04:24.9		eP	06:35:08.7		Dist. 250 km.	
	eS	42.0		eS	19.4	31	eP	00:29:15.3
	i	43.2		i	20.2		eS	22.4
	Compression from WNW			Dilatation?			Compression	
	Dist. 140 km.			Dist. 90 km.			Dist. 50 km.	
	e(P)	14:29:29		eP	14:51:35.9		e(P)	07:30:18.8
	eS	30:11.9		eS	52.8		eS	34.4
				Compression				
	e(P)	16:54:55.4		Dist. 130 km.			e(P)	15:31:52.3
	eS	55:18.2		eS	18:29:07.5		eS	32:15.2
	iP	17:26:01.4		eP	22:55:09.6		eP	17:26:35.6
	iS	05.9		eS	48.8		Dilatation	
	Compression from N			Compression			PZ 0.11 u; 1.0 sec.	
	Dist. 30 km.			Dist. 360 km.			iPKP	20:03:19.4
28	e(P)	07:05:23.1					PZ 0.12 u; 1.0 sec.	
	eS	06:08.9	30	eP	06:17:41.2		eP	22:45:01.3
	i	10.9		i	41.6		e(S)	36.4
				iS	18:52.7		Dilatation	
	ePKP	07:57:10.3		Compression from NNW				
				Dist. 660 km.			eP	23:12:58.8
	e(P)	08:12:23		eP	06:58:11		eS	13:30.5
	Local			e(S)	40.8		Compression	
	eP	11:00:12.7		i	46.1		Dist. 280 km.	
	i	13.1		i	51.8			
	eS	49.8		eP	09:43:31.6			
	Compression from E			eS	51.1			
	Dist. 330 km.			i	56.1			
	eP	14:28:35.7		Dilatation from SW?				
	eS	29:15.5		Dist. 160 km.				
	Compression from NE			eP	14:33:19.4			
	Dist. 360 km.			eS	36.6			
	eP	20:52:15.6		i	44.4			
	Compression			Compression?				
	PZ 0.14 u; 1.0 sec.			Dist. 140 km.				
	eP	22:09:42.9		eP	16:43:54.6			
	ePP	10:24		i(S)	44:44.1			
	eS	14:16		Compression				
	eSS	15:40		eP	20:06:10.2			
	eR	17:06		eS	29.4			
	Compression			i	30.2			
	Dist. about 27°			Dilatation?				
				Dist. 160 km.				

Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.



IMPRESO AEREO



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PROVISIONAL READINGS AT PELDEHUE

Dec. 22 1965	iP 22:15:39.3 iS 16:04.5 Dilatation from NE PZ 0.3 u: 0.5 sec. Dist. 232 Km	Dec. 25 1965	iP 00:12:14 e 24.2 iS 32.5 Compression Dist 165 Km.	Dec. 29 1965	eP 05:17:43.5 eS 54.5 Dist. 90 Km
	eP 22:32:21.5 eS 33:12 Dist. 485 Km		e(P) 01:27:02 Distant shock		eP 07:51:58.2 eS 53:23 Dist. 840 Km
	eP 22:38:56 e(S) 39:59		e(P) 03:10:16 e 12:32 Distant shock		eP 09:54:23 iS 30.6 Dist. 116 Km
23	iP 00:50:48.0 iS 51:06.3 Compression Dist. 163 Km	26	eP 04:47:25 iS 33 Small local Dist. 60 Km		eP 10:12:09 eS 29.5 Dist. 185 Km Small
	eP 09:48:44 iS 52.3 Small Dist. 63 Km	27	eP 10:51:57.5 e(S) 53:27 ePKP 20:38:10.5		eP 11:41:56.4 eS 42:14 Dist. 156 Km Small
	eP 10:27:00.2 e(S) 45	28	eP 02:04:06.4 iS 19.2 Dist. 108 Km		iP 12:45:01.6 iS 22.8 Dilatation Dist. 192 Km
	eP 20:07:11.3 iS 33.4 Dist. 201 Km		eP 06:21:28.1 eS 48 i 53.4 Dist. 181 Km		eP 22:51:(10) eS 40 Dist. about 280 Km
24	eP 06:03:08.3 eS 41.3 Dist. 310 Km		eP 07:57:08.3 ePKP 12:30:08.5		E. Lorca Seismologist
	eP 07:01:55.7 eS 02:11.0 Small Dist. 133 Km		eP 14:57:34.4 iS 44.3 Small Dist. 79 Km		
	iP 13:36:11.3 eS 26.7 Dilatation Dist. 134 Km		iP 20:52:16.6 Compression Distant shock		
	eP 15:27:30. e 36.3 eS 28:18.3 Dist. 463 Km		eP 22:04:26 eS 39.7 Dist. 117 Km Small		
	eP 17:02:22 iS 33.2 Dist. 92 Km.		eP 22:11:05.5 Distant shock		
	eP 22:51:43 eS 52:01.5 Small Dist. 165 Km.	29	eP 00:32:42.5 eS 33:13.5 Dist. 290 Km		
			eP 02:26:23 eS 57 Dist. 320 Km Small		

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Dec.15 eP 23:13:16.3
1965 Distant shock

iP 23:55:07.4
iS 20.7
Dist. 113 Km

18 iP 02:28:18.5
eS 28
Dilatation
Dist. 75 Km

eP 05:59:05.0
e(S) 50

Dec.18 eP 14:17:07.6
1965 eS 29
Dist. 194 Km

iP 18:12:03.9
Local

20 eP 06:48:(34)
eS 49:25
Dist. about 490 Km

21 eP 01:23:09
Distant shock

eP 17:05:09.5
e(S) 54

Dec.22 iP 22:15:42.8
1965 eS 16:12.0
Dist. 272 Km

23 iP 00:50:44.9
iS 51:00.7
Dist. 138 Km

30 iP 02:16:17.6
iS 31.0
Dist. 114 Km

eP 06:19:52

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Dec.09 eP 06:19:23
1965 eS 28:58
eSS 33:26
e 39:44
eR 42:45
Dist. about 75°

Dec.15 eP 23:15:24
1965 e 19:53
eS 23:58
Dist. 65°

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Dec.13 eP 17:54:18.5
1965 iS 21.5
Dist. 25 Km

A. Sickinger
Seismologist

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ANTOFAGASTA

5.

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Nov.-DEC.
1965.

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Nov. 18 eP 21:45:13.5 1965 eS 53.6 Dist. 360 Km Compression eP 21:59:33.3 eS 22:00:14.0 i 32.3 Dist. 370 Km	Nov. 19 eP 21:13:54.9 1965 e(S) 14:24.2 eP 21:42:35.4 eS 46.4 i 49.0 Compression from SE Dist. 90 Km	Nov. 20 eP 21:48:53.0 1965 eS 49:28.3 i 33.5 Dilatation from NE? Dist. 310 Km
19 eP 03:18:31.1 i 31.6 eS 19:10.0 i 11.6 Compression from NE Dist. 350 Km eP 04:27:11.9 e(S) 51.8 eSKS 07:32:00 eSKKS 06 eS 13 ePS 33:41 ePPS 34:13 eSS 38.7 eG 46 eR 50:36 Dist. 90° eP 14:08:14.9 eS 32.4 Dilatation Dist. 140 Km eP 14:32:14.8 eS 30.4 Compression Dist. 120 Km eP 14:41:06.4 eS 41.3 Dilatation Dist. 310 Km eP 17:11:06.5 eS 30.8 i 38.1 Dist. 210 Km iP 17:21:45.6 iS 22:22.3 Compression from SE Dist. 330 Km eS 18:45:42.4 eP 18:47:54.5 eS 48:31.6 i 34.8 Dilatation from E Dist. 330 Km	20 eP 00:08:09.1 eS 54.4 Compression Dist. 420 Km eP 08:05:32.8 eS 06:08.6 i 10.4 Compression from SE Dist. 220 Km eP 08:58:41.9 eS 59:24.3 i 27.9 Compression Dist. 390 Km eP 11:35:29.9 eS 59.6 Compression Dist. 260 m eP 13:26:20.8 eS 30.2 Compression from N Dist. 80 Km e(P) 13:58:34.5 eS 49.9 eP 15:19:20.4 eS 39.1 Compression? Dist. 70 Km ePKP 15:24:59.4 ePP 28:26.4 eSS 47.4 eSSS 52.3 eG 16:04.5 Dist. 148° Doubtful interpretation eP 16:01:43.6 eS 50.7 eS 02:21.7 Two shocks eP 18:47:11 eS 45.6 i 55 Dist. about 310 Km	21 eP 05:17:36 e(S) 19:39.5 eP 06 29:05.3 eS 31.2 i 41.1 Dist. 220 Km eP 06:39:50 eS 40:19.5 Dist. 240 Km eP 07:59:45.0 eS 08:00:03.1 Dist. 150 Km ePKP 10:51:15.3 epPKP 44.4 i 52:00 ePP 54:20 ePKS 24.4 i 55:35.4 eSKS 58:07 eSKKS 11:01:17 ePS 05:20 eSPP 06:17.3 eSS 13:11 eSPS 44 eSSS 18:24 eG 28.1 Compression Dist. 143° eP 18:00:38.9 iS 01:14.9 Compression from ESE Dist. 320 Km iP 21:38:49.2 eS 39:05.3 i 21.3 Compression from ESE? Dist. 130 Km eP 21:47:20.2 eS 41.1 i 42.4 Dilatation Dist. 180 Km eP 23:09:06 eS 29.5 Dist. about 200 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov. 21 1965	eP 23:57:44.2 eS 58:21.3 Dist. 330 Km	Nov. 24 1965	eP 07:19:40.1 eS 58.3 Compression Dist. 150 Km	Nov. 26 1965	eP 15:31:01 eS 13.4 Dist. 100 Km
22	eP 04:05:27 eS 38.8 i 39.6 Dist. about 100 Km		eP 08:54:06.4 eS 33.4 Compression from E Dist. 240 Km		iP 21:09:22.6 iS 10:05.2 Compression from ENE Dist. 400 Km
	eS 08:14:23.0		eP 09:44:39.7 Dilatation? Local		eP 21:12:16.5 iS 40.0 Dist. 200 Km
	eP 09:50:07.4 Local		eP 18:10:03.8 eS 22.0 Dist. 150 Km		eP 23:50:54.1 eS 51:24.9 Dist. 270 Km
	ePKP 12:12:48.8		e(P) 18:13:37.8 Local	27	eP 01:39:35.4 eS 40:02.6 Compression Dist. 220 Km
	iP 20:13:03.8 eS 37.7 i 41.3 Compression from ESE Dist. 200 Km		eP 21:40:12.4 eS 48.1 Compression from E Dist. 320 Km		eP 02:43:31.4 i 32.1 iS 44:14.1 Dilatation Dist. 400 Km
	eP 20:41:08.4 e(S) 55 e 59.6	25	eP 10:08:11.3 eS 49.2 Dilatation from E Dist. 340 Km		eP 05:24:39.1 i(S) 25:33.4
	iP 20:51:08.2 e(S) 42.8 i 45.0		eG 10:50:54 eR 53:39 From W Doubtful interpretation		eP 05:48:27.9 i 34 i(S) 40
	e(P) 23:17:52.5 e(S) 18:55 Two shocks?		eP 10:56:33.5 eR 11:03:45		ePKP 09:02:12.0 Compression
23	eP 08:49:44.6 eS 50:23.0 Dist. 350 Km		eP 14:02:07.7 i 08.1 eS 48.2 Compression from ESE Dist. 370 Km		eS 12:02:43.0
	eP 10:22:20.8 eS 23:20.0 i 21.9 Dist. 570 Km		iP 17:46:31.5 eS 47:03.7 Compression from E Dist. 280 Km		iP 12:06:32.1 iS 37.6 Dilatation from NW Dist. 40 Km
	eS 11:35:15.5		iP 19:39:53.4 iS 59 Compression Dist. about 40 Km		eP 16:39:38.4 iS 44.6 Compression Dist. 50 Km
	iP 13:28:29.8 iS 46.3 Compression from ENE Dist. 130 Km		iP 22:02:23.8 eS 29.6 Compression from NNE Dist. 40 Km		eP 22:14:14.1 eS 26.0 Dist. 100 Km
	eS 16:51:47.4				iP 22:46:51.7 eS 47:31.0 Compression from ENE Dist. 360 Km
	eP 17:43:03.2 eS 23.9 i 29.3 Dist. 170 Km	26	e(P) 14:51:25 eS 52 05.4	28	eS 01:35:02.7
	eP 17:50:45.7 eS 51:22 Dist. about 320 Km				eP 02:05:23.6 eS 46.6 Dist. 190 Km
24	iP 04:24:18.0 eS 39.0 Dist. 180 Km Compression from E				

PROVISIONAL READINGS AT ANTOFAGASTA

Nov.28 1965	e(S) 03:40:44.0	Dec.01 1965	eP 01:47:56.1	Dec.03 1965	eS 20:46:41
	eP 04:01:37.6		e(S) 48:17		eSS 50.3
	i 43.1		Compression		eG 51:51
	eS 05:42		eS 02:07:58.1		eR 53.2
	e(R) 07:34		eS 07:52:50.8		From SSW
	PZ 0.54 u; 1.5 sec.		e(P) 08:26:54.5		Dist. about 53°
	Mag. 5.9		Local		Doubtful interpretation
	Dist. 23°		eP 14:26:50.8	04	eP 00:24:54.4
	iP 15:32:57.7		eS 27:38.2		i 56.3
	eS 33:35.4		Compression from ENE		eS 25:22.3
	Compression from E		Dist. 450 Km		i 26.5
	Dist. 340 Km		eP 22:31:10.3		Dilatation from NE
	ePKP 21:51:32.6		Local		Dist. 240 Km
29	eP 02:36:57		eP 00:38:11.6		eS 01:32:39.5
	e(S) 37:17.0		e(S) 39:29		e 03:12:08
	eP 03:11:18	02	eP 06:41:53.1		eG 13.4
	eS 36.0		e(S) 42:24		i 14:06
	Dist. about 160 Km		eP 07:40:02		eR 58
	iP 17:11:26.9		e(S) 15.6		From WSW
	e(S) 14:55		e(P) 10:18:22		eP 03:30:30.6
	e(R) 15:30		Local		eS 34:41
	PZ 0.53 u; 1.5 sec.		iP 13:48:04.5		e(R) 36:08
	Mag. 5.6		iS 32		PZ 0.16 u; 1.3 sec
	Compression from NNW		Compression from ESE		Mag. 5.6
	Dist. about 19°		Dist. 240 Km		Dist. about 23°
	iP 22:21:16.3		iP 14:07:28.0		eP 04:45:01.1
	eS 53.3		eS 08:13.2		eS 49.2
	Compression from NE		Compression from SW?		Compression from E
	Dist. 330 Km		Dist. 420 Km		Dist. 460 Km
30	e(P) 09:27:46.5		iP 05:50:29.7		iP 06:58:38.4
	e(S) 28:11.3		iS 37.8		iS 42.4
	eP 09:45:58.6		Dilatation from S		Compression from NW
	eS 46:57.4	03	Dist. 60 Km		Dist. 30 Km
	Dilatation?		e(P) 08:37:11		eP 07:06:37.1
	Dist. 570 Km		e 17.5		Local
	eS 11:46:13		eS 41:11		eP 07:56:45.7
	eP 14:56:51.4		e 18		eS 57:25.0
	eS 57:32.0		e(R) 43.1		i 26.7
	Compression from E		Dist. about 23°		Compression
	Dist. 370 Km		iP 10:52:14.0		Dist. 350 Km
	eP 17:22:43.6		iS 31.6		iP 12:10:32.1
	eS 23:18.9		Compression from ESE		eS 11:20.1
	Dilatation?		Dist. 140 Km		Compression from E
	Dist. 310 Km		eP 11:02:43.1		Dist. 460 Km
	eP 22:18:54.3		eS 03:24.6		eS 14:30:18.5
	eS 19:46.4		iS 25.0		eP 19:59:54
	Dilatation		Compression		e(S) 20:01:06
	Dist. 500 Km		Dist. 380 Km		iP 19:43:24.9
	eS 23:03:44.0				eS 44:04.7
					Compression from E
					Dist. 360 Km
					e(S) 20:47:20

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Dec.04 eP 20:58:20.1 1965 eS 58.7 Compression Dist. 350 Km	Dec.06 e 19:00.1 1965 eSS 03.5 eG 06:16 e 08.7 iR 09:14 Dist. about 60° Doubtful interpretation	Dec.08 eP 18:25:56.0 1965 eS 26:13.4 Dist. 140 Km e(P) 22:16:09 Local eP 22:32:20.4 eS 58.3 Compression Dist. 340 Km
05 iP 03:09:49.3 eS 10:28.6 Compression Dist. 350 Km eP 06:54:03.5 eS 53.0 Dilatation? Dist. 470 Km eP 13:04:52 eS 05:07.7 Dist. about 230 Km eP 20:34:58.3 Local	07 eP 15:13:59 eS 14:17 Dist. 140 Km eP 16:42:48 eS 43:25 Dist. about 330 Km eP 17:39:35 eS 40:13 Dist. about 340 Km eP 23:02:48 eS 03:12 Dist. about 200 Km	09 eP 01:23:00.1 eS 27 Dist. about 230 Km eP 06:16:37.6 ePcP 17:57 ePP 18:(44) e 22.1 iS 23:49 eScS 26:31 e(SS) 27:37 eG 28:39 e(R) 31:32 Compression PZ 0.93 u; 2.1 sec. Mag. 6.5 Dist. 51° eP 06:41:24.1 eS 42:01 Dist. about 330 Km eP 19:34:06.8 eS 46.3 Dist. 360 Km iP 23:17:24.6 eS 18:05.3 Compression from E Dist. 360 Km eP 23:26:01 e(S) 29
06 eP 00:34:26.8 eS 50.3 Dist. 200 Km eP 03:58:55 eS 59:24.5 Dist. about 260 Km eP 05:14:17.9 eS 23.4 i 23.7 Dilatation Dist. 40 Km eP 08:56:18.8 eS 54.6 Dist. 320 Km eP 11:44:28 i 29.8 e(PP) 46:45 ePPP 47:52 iS 52:16 eSS 56:00 eG 58:16 eR 12:01:15 Compression from NW Dist. 56° eP 13:02:21.7 i 22.2 iS 03:10.9 Dilatation from NE Dist. 470 Km	08 eP 03:00:49 Compression eP 03:11:04 eS 16 Dist. about 100 Km eP 06:12:16 eS 13:14 Dist. about 560 Km iP 10:16:03 iS 42 Dist. about 350 Km eP 12:58:06 eS 42 Dist. about 320 Km iP 13:08:47 e(S) 09:44 iP 13:18:15 i 26 eP 18:18:19.6 epP 19:00 eSKS 28:38 eS 29:12.3 eSSKKS 30:08 eSP 34 eSS 35:37 eG 43:16 eR 48 Compression PZ 0.23 u; 1.6 sec. Mag. 6.2 H about 150 Km Dist. 94°	10 eP 04:03:09.1 i 10.4 iS 29.2 Dist. 170 Km iP 04:55:15.6 iS 20.2 Compression Dist. 40 Km eP 05:22:30.1 eS 23:08.6 Dist. 350 Km eP 09:05:36 Local
No records from 6-XII-65 at 16:30 to 7-XII-65 at 12:30 SP		

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PROVISIONAL READINGS AT ANTOFAGASTA

Dec.10 eP 09:19:04.2	Dec.11 e(P) 09:03:52.4	Dec.13 e(P) 00:38:23.0
1965 eS 20:02.0	1965 eS 04:05.4	1965 eS 45.5
Dilatation	eP 09:57:43.9	eS 02:06:14.7
Dist. 560 Km	eS 58:20.9	e(P) 06:01:28
eP 10:02:31.2	Compression	eS 58.1
i 32.0	Dist. 330 Km	eP 10:46:24.4
eS 03:14.4	eP 13:41:50.2	e 37.0
Compression from E	Local	e(PKP) 11:11:46.0
Dist. 400 Km	eS 18:49:22 0	eP 15:16:27
eP 13:34:26	eP 22:14:11.2	i 57
eS 35:06.0	e(S) 17:06	e 15:23:40
Dist. 360 Km	Dist. about 16°	e 27:00
eP 16:54:33.9	PZ 0.15 u; 1.3 sec.	Distant shock
eS 55:12.4	12 iP 01:58:06.3	14 eP 04:56:34
Dilatation	iS 32.0	Compression
Dist. 350 Km	Dist. 220 Km	eS 22:00:48.2
eP 18:55.0	Compression from NE	15 eP 01:21:19.9
e(R) 57:53.7	eP 07:00:20.0	eS 46.6
eP 19:24:53.3	eS 58.8	Dilatation?
eS 25:00.1	i 01:00.0	Dist. 230 Km
i 03.3	Compression from NE	eP 02:33:21.9
Compression from NE	Dist. 350 Km	eS 49.6
Dist. 50 Km	eP 12:16:02.4	Compression?
11 iPKP 00:19:38.1	eS 33.9	Dist. 240 Km
eP 00:35:24.3	eP 19:40:52.2	eP 05:39:17
e(S) 36:45.2	eS 41:04.0	eS 40:11.8
eP 03:42:37.8	i 08.8	Dist. about 530 Km
eS 44:08.1	Dist. 90 Km	eP 06:19:55.8
i 17.1	eS 21:54:20.8	eS 20:01.2
Compression	eP 22:02:11	Compression from NE
Dist. 890 Km	eS 24.8	Dist. 40 Km
eP 04:30:55	i 27.9	e(PKP) 08:42:04.3
e(S) 31:11.0	Dist. about 110 Km	i 40.6
iP 08:04:50.5		e 12:28:08
iS 05:30.6		e(G) 34:46
Compression from ESE		
Dist. 360 Km		

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 Seismologist

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO



PELDEH



UNIVERSIDAD DE CHILE

Departamento de Geofisica, Sismologia y Geodesia

1.

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

Dec. 65 & Jan 66

33° 08' 37" S 70° 41' 07" W h 690 m

Dec.30 1965	iP 02:16:15.2 iS 23.0 Dilatation Dist. 58 Km	Dec.31 1965	eP 23:57:49 iS 58:07.6 Dist. 166 Km	Jan.04 1966	eP 01:41:33 eS 55 Small Dist. 200 Km
	eP 06:19:47.7 e 20:17 e(S) 23:30 Two shocks	Jan.01 1966	iP 07:23:47.8 iS 24:00.0 Dilatation from NE Dist. 102 Km		iP 02:30:09.2 iS 24.2 Dilatation Dist. 130 Km
	eP 11:06:45.5 iS 58.3 Dist. 108 Km		eP 11:30:35 eS 47.5 Small Dist. 105 Km		eP 06:16:30.6 iS 47 Small Dist. 144 Km
	eP 16:46:07.1 eS 49:(08) Dist. about 590 Km		eP 12:01:07.8 iS 31.9 Dist. 221 Km		eP 06:32:(06) eS 34:29 Dist. about 13°
	eP 19:02:17 iS 29.4 Dist. 104 Km	02	eP 00:55:05.7 iS 36.3 Dist. 286 Km		eP 10:10:25.5 eS 51 Dist. 235 Km
	iP 21:47:59.3 iS 48:02.0 Compression local		eP 01:13:31.7 eS 14:18 Dist. 443 Km		eP 12:52:09.5 Distant shock
31	iP 05:30:06.5 iS 19.0 Dilatation Dist. 105 Km		eP 02:46:41.5 e 57.5 e(S) 47:32.4		eP 14:53:57.3 e(S) 55:43
	eP 17:01:50.2 iS 02:06.3 Dist. 141 Km		eP 03:57:24.8 Distant shock		eP 15:54:58 e 55:07 eS 37.5 Dist. 375 Km
	eP 17:17:18.9 e 18:17 eS 38 Dist. 770 Km		eP 10:30:10.5 eS 24.5 Dist. 120 Km		eP 23:12:30.5 i 46.8 iS 13:00.0 Dist. 275 Km
	eP 19:16:18 e 29.8 iS 41.0 Dist. 210 Km		eP 11:17:39.5 iS 18:33.7 Dist. 522 Km	05	eP 00:28:03 Small local
	eP 19:24:44.6 e 56 e(S) 25:41		eP 12:05:58 eS 06:16.4 Small Dist. 164 Km		eP 00:28:(20) eS 30:23 Dist. about 11°
	eP 21:30:52 e(S) 31:31.5		eP 22:17:55.2 iS 18:06. Dist. 96 Km		eP 07:51:49.5 eS 52:42.7 Dist. 512 Km
	eP 22:06:31 e 07:00 e(S) 08:17 Two shocks?		eP 23:48:51.5 eS 49:(59) Dist. about 650 Km		eP 10:54:12 eS 55:18.5 Dist. 645 Km
	iP 23:14:16.8 iS 29.5 Dilatation Small Dist. 107 Km	03	eP 18:12:37.6 iS 47.5 Small Dist. 79 Km		eP 14:37:13.5 eS 41.5 Small Dist. 260 Km
		04	eP 00:42:15.3 eS 32.0 Dist. 147 Km		iP 15:26:00.7 iS 18.0 Dilatation from N. Dist. 153 Km

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PROVISIONAL READINGS AT PELDEHUE

<p>Jan.05 iP 15:31:09.7 1966 iS 27.1 Dist. 154 Km</p> <p>eP 16:03:50 iS 04:07.0 Dist. 150 Km</p> <p>eP 16:23:48.8 iS 24:10.0 Dist. 192 Km</p> <p>eP 18:29:35.8 i 46.9 Distant shock</p> <p>eP 20:39:52.3 iS 40:20.9 Dist. 256 Km</p>	<p>Jan.08 eP 16:23:57.4 1966 eS 24:49 Dist. 496 Km</p> <p>iP 19:45:54.6 iS 46:11.3 Dilatation from NW PZ 0.42 u; 0.3 sec. Dist. 147 Km</p> <p>eP 20:06:(23) eS 07:43 Dist. about 780 Km</p> <p>eP 21:49:52.8 eS 50:24 Dilatation from NE? Dist. 192 Km</p> <p>09 iP 02:06:02.4 iS 24.9 Dilatation from NE PZ 2.6 u; 0.2 sec. Dist. 205 Km</p> <p>eP 04:09:17 eS 11:49 Dist. 14°</p> <p>eP 04:52:22 eS 53:11 Dist. 470 Km</p> <p>eP 06:54:16 iS 32.9 Dist. 149 Km</p> <p>e(P) 09:19:32</p> <p>iP 10:37:24.5 iS 43.5 Compression Small Dist. 170 Km</p> <p>eP 22:53:52.7 iS 54:37 Dist. 423 Km</p>	<p>Jan.10 eP 05:18:29 1966 eS 42.5 Small Dist. 115 Km</p> <p>iP 11:39:26.5 iS 41.0 Dilatation Dist. 125 Km</p> <p>eP 20:04:58.3 eS 05:25 Dist. 247 Km</p> <p>eP 21:59:47.5 Small local</p> <p>eP 22:28:47.5 eS 29:02 Dist. 125 Km Small</p> <p>11 eP 03:30:30.5 Distant shock</p> <p>eP 08:31:56 eS 32:21 Dist. 230 Km Small</p> <p>eP 09:46:25 iS 42.8 Dist. 158 Km Small</p> <p>eP 10:09:25.5 eS 55.8 Dist. 238 Km</p> <p>eP 12:19:09.8 iS 25.8 Dist. 140 Km</p>
<p>06 eP 04:10:(58) eS 11:28.6 Distant about 280 Km</p> <p>eP 07:12:(22) eS 14:(27) Distance about 12°</p> <p>eP 10:10:(22) e(S) 12:06</p> <p>iP 10:29:57.0 iS 30:17.2 Dist. 182 Km</p> <p>eP 10:32:53 eS 33:14 Dist. 190 Km</p> <p>eP 17:46:53 iS 47:18.1 Dist. 231 Km</p> <p>eP 23:41:24 eS 42:11 Dist. 450 Km</p> <p>eP 21:57:50 eS 59:06 Dist. 740 Km</p>	<p>10 eP 00:04:51 eS 05:30 Dist. 370 Km</p> <p>iP 00:12:09.5 iS 26.0 Dilatation from NW PZ 1.0 u; 0.5 sec. Dist. 145 Km</p>	<p>E. Lorca Seismologist</p>

SANTIAGO

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PROVISIONAL READINGS AT SANTIAGO

Dec. & Jan 65-66

33° 26' 40" S 70° 38' 54" W h 581 m

Dec.31 eP 05:30:03.6	Jan.02 eP 22:17:50.5	Jan.08 eP 19:45:58.6
1965 eS 15	1966 iS 58.5	1966 eS 46:19
Dist. 94 Km	Dist. 60 Km	Dist. 184 Km
eP 23:57:51.4	04 eP 02:30:13.8	09 iP 02:06:06.2
eS 58:12.5	eS 32.7	eS 31
Dist. 191 Km	Dist. 169 Km	Dilatation
Jan.01 eP 07:23:53	05 eP 15:26:04.4	Dist. 228 Km
eS 24:09.2	06 e(P) 17:47:05.5	eP 22:53:57.8
Dist. 142 Km	eS 19	10 eP 00:12:14
02 eP 02:46:(48)	eP 23:41:28.6	eS 31.3
eP 11:17:43.2	e(S) 42:15.3	Dist. 153 Km
iS 18:40.5		
Dist. 553 Km		

H. Becker
 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO