

PELDEHUE

1.

UNIVERSIDAD DE CHILE
Departamento de Geofísica, Sismología
y Geodesia

Jan. 1966

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690

Date	Type	Time	Dist.	Date	Type	Time	Dist.	Date	Type	Time	Dist.
Jan. 11 1966	eP	17:10:51.8	260 Km	Jan. 13 1966	eP	05:46:04	300 Km	Jan. 14 1966	eP	06:51:53.2	68 Km
	eS	11:19.8			eS	36			eS	52:02.0	Small
	eP	19:13:45.8			eP	08:16:32.3	192 Km		eP	09:59:12	289 Km
	e(S)	14:33.5			iS	51.5			eS	42.9	Small
12	iP	01:28:16.5	122 Km		iP	10:40:00	Distant shock?				
	iS	30.7			e	11:00:24.5			eP	17:59:43.3	271 Km
	Compression from SE PZ 0.18 u; 0.5 sec.				eP	11:36:38.4	276 Km		eS	18:00:12.4	
	eP	05:02:22.2	280 Km		iS	37:08			iP	19:02:01.3	69 Km
	eS	52.2			eP	12:54:21.7	588 Km		iS	10.2	Small
	eP	05:19:15.6	124 Km		eS	55:22.5			Compression		
	eS	30			eP	14:22:19.5			Small		
	e(P)	08:08:16	Distant shock?		e	53.5			Dist.		
	eP	08:30:34	170 Km		eP	16:06:58	225 Km		eP	21:50:53.6	266 Km
	eS	53			eS	07:22.5			eS	51:22.2	
	Small				Dist.				Compression from SE		
	eP	19:38:28.5	142 Km		eP	17:57:31.6	90 Km		PZ 0.1 u; 0.5 sec.		
	eS	44.7			eS	42.6			Dist.		
	Small				Dist.				374 Km		
	eP	20:06:31.5	95 Km		eP	19:42:28.9			eP	06:00:20.6	328 Km
	eS	43			e(S)	44:07.8			e(S)	01:58	
	Small				iP	22:37:36.2					
	e	21:43:42.5			iS	39			eP	06:57:21.2	221 Km
	eP	22:38:05.5	205 Km		Compression from SW				i	31.6	
	iS	28			PZ 0.16 u; 0.5 sec.				iS	56.0	
	Dist.				eP	23:42:49.6	295 Km		Dist.		
	eP	01:51:21	185 Km		eS	43:21.1			eP	07:09:50.5	292 Km
	eS	41.5			Dist.				eS	10:14.6	
	Dist.				14	iP	03:40:08.9		Dist.		
	eP	04:33:13	190 Km		iS	22.4			Small		
	eS	34			Dilatation from NW				eP	11:18:24	162 Km
	Dist.				PZ 0.79 u; 0.5 sec.				eS	55.2	
	eP	05:28:13.6	241 Km		Dist.				Dist.		
	eS	39.7			eP	04:13:21.9	279 Km				
	Dist.				eS	51.8					

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PROVISIONAL READINGS AT PELDREHUE

Jan.15 1966	iP iS	19:29:06 44.4	Jan.15 1966	eP eS	21:29:26.5 37.5	Jan.16 1966	iP iS	14:40:51.7 41:03.4
		Compression from SE PZ 0.59 u; 0.3 sec. Dist. 364 Km			Dist. 90 Km Small			Compression Dist. 97 Km
	eP iS	19:43:52.3 44:04.2	16	eP eS	00:04:35.2 46.3		eP eS	14:20:14.2 24.0
		Dist. 99 Km Small			Dist. 91 Km			Dist. 78 Km
	eP eS	19:50:27.5 38.5		eP eS eSS eR	00:19:03.5 27:13 33:43 36:14		eP eS	16:55:44 55.4
		Dist. 90 Km Small			Dist. 60°			Dilatation Dist. 94 Km
	eP eS	19:52:31.6 43		eP eS	01:50:10 21.3		iP eS	17:55:00.9 27.2
		Dist. 94 Km Small			Dist. 93 Km Small			Compression Dist. 243 Km
	eP iS	20:08:05.5 17		eP iS	02:10:55.6 11:07.1		eP iS	19:45:44.5 56
		Dist. 95 Km			Dist. 95 Km			Dist. 95 Km
	eP eS	20:12:44 13:06.6		eP iS	02:42:14.2 58.6		eP eS	20:24:00.5 18.3
		Dist. 206 Km			Dist. 424 Km			Dist. 98 Km
	eP iS	20:19:39 50.6		eP eS	03:07:02.0 25.1		iP eS	20:46:40.0 49.3
		Dist. 96 Km Small			Dist. 211 Km Small			Compression Dist. 65 Km
	eP iS	20:34:40 51.7		eP iS	05:10:39.4 50.3		eP eS	21:51:11.5 32
		Dist. 97 Km Small			Dist. 89 Km Small			Dist. 185 Km
	eP iS	20:59:10.5 22		eP iS	05:14:31.6 42.6		eP eS	23:16:19.6 47.8
		Dist. 95 Km Small			Dist. 90 Km Small	17		Dist. 262 Km
	eP eS	21:04:32.8 44.5		iP iS	06:01:09.4 20.4		eP eS	04:08:47.5 09:56.5
		Dist. 97 Km Small			Compression Dist. 90 Km			eP eS
	eP eS	21:16:19.5 31.5		iP iS	10:34:22.9 34			12:06:12 24.7
		Dist. 100 Km Small			Compression Dist. 91 Km			Dist. 107 Km
	eP eS	21:21:47 58.6		iP eS	10:43:56.4 44:06.0		eP iS	14:30:27 41
		Dist. 96 Km Small			Compression Dist. 76 Km			Dist. 120 Km
	eP			eP	12:31:03.1			
					Small			

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 Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Jan.12 iP	01:28:14.5	Jan.14 eP	03:40:13.2	Jan.15 iP	19:29:04
1966 iS	27.0	1966 eS	30.3	1966 eS	42
Compression		Dist. 151 Km		Dist. 360 Km	
Dist. 105 Km					
eP	22:38:02.3	eP	21:50:50.3	16 eP	10:34:21.2
eS	22	iS	51:15.3	eS	30.5
Dist. 177 Km		Dist. 230 Km		Dist. 73 Km	
		15 eP	05:09:55.5	eP	16:55:42.5
		eS	10:36	eS	(51.5)
		Dist. 385 Km		Dist. about 70 Km	

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Seismologist

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAERRA.



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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jan.17 eP 15:38:53.5
1966 eS 39:04.3
Dist. 88 Km
Small

iP 15:56:30.5
iS 33.3
Small local

eP 16:13:20.8
iS 31.5
Dist. 107 Km

eP 16:31:07.5
eS 20.5
Dist. 110 Km

eP 16:38:13.3
iS 33.2
Dist. 179 Km

eP 17:27:17.5
eS 31
Dist. 105 Km
Small

eP 17:36:47.7
eS 58.5
Dist. 88 Km
Small

eP 19:33:42.2
eS 47
Dist. 25 Km

eP 19:41:47.3
eS 59
Dist. 97 Km

eP 20:35:32
eS 42.6
Dist. 86 Km

eP 22:23:16
eS 28.2
Dist. 82 Km
Small

eP 22:29:27.5
eS 39.3
Dist. 98 Km

eP 22:42:28.5
eS 59.3
Dist. 288 Km

Jan.17 eP 23:03:14
1966 eS 04:42
Dist. 868 Km

18 eP 00:50:05.5
eS 24
Dist. 165 Km
Small

eP 01:10:26.5
eS 41.7
Dist. 132 Km

eP 04:30:37.2
iS 47.3
Dist. 81 Km

iP 06:21:55
iS 22:06.5
Compression from SE
PZ 0.23 u; 0.7 sec.
Dist. 95 Km

eP 06:59:28.6
eS 39.5
Dist. 89 Km
Small

eP 07:05:(33)
eS 43.5
Dist. about 85 Km

iP 11:03:18.3
iS 26.4
Compression from NW
Dist. 61 Km

eP 12:45:(27)
eS 46:00.4
Dist. 314 Km
Small

eP 18:00:02.7
eS 19.2
Dist. 145 Km

eP 21:08:25.5
iS 46.5
Dist. 190 Km

eP 21:10:21
eS 45.3
Dist. 223
Small

eP 21:24:26.5
eS 37.5
Dist. 90 Km

Jan.18 iP 22:28:09.7
1966 eS 20.7
Dilatation
Dist. 90 Km

eP 22:35:06.6
eS 31.3
Dist. 127 Km

19 eP 00:50:(02.5)

eP 01:46:20
eS 51.5
Dist. 295 Km

eP 02:28:23
eS 45
Dist. 200 Km

eP 04:33:24.9
eS 30:01
Dist. 341 Km

eP 04:48:03.5
e(S) 50:58.3

eP 05:18:18.5
iS 39.5
Dist. 190 Km

eP 10:51:49.7
eS 52:10
Dist. 183 Km

eP 13:06:37.3
eS 07:01
Dist. 217 Km
Small

eP 18:13:37
eS 14:30.6
Dist. 516 Km

eP 21:26:06.5
Distant shock?

eP 21:41:34.2
eS 42:01
Dist. 248 Km
Small

20 eP 00:04:22.4
eS 33.3
Dist. 89 Km
Small

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PROVISIONAL READINGS AT PEIDEHUE

Jan. 20 1966	iP 02:18:01.3 iS 33.5 Compression Dist. 302 Km	Jan. 21 1966	eP 01:46:40.2 eS 58.5 Dist. 163 Km Small	Jan. 22 1966	eP 01:25:06 eS 29.5 Dist. 215 Km Small
	eP 07:18:24 Distant shock?		eP 03:17:(05) eS 32.1 Dist. about 251 Km Small		iP 01:40:08.7 eS 37.3 Compression Dist. 266 Km
	iP 09:02:58.7 iS 03:11.8 Compression from NE Dist. 111 Km		eP 05:01:28 eS 02:(00) Dist. about 300 Km Small		eP 02:18:17.2 eS 36.7 Dist. 175 Km
	eP 09:58:07.5 eS 21.5 Dist. 120 Km Small		eP 06:34:11.7 eS 41.6 Dist. 279 Km		eP 03:59:52.5 eS 04:00:38.0 Dist. 440 Km
	eP 11:49:09.6 eS 21.3 Dist. 97 Km Small		eP 07:45:11 eS 41 Dist. 280 Km Small		eP 07:46:07 Distant shock?
	eP 12:44:51.7 eS 45:08.7 Dist. 150 Km Small		eP 08:00:45.5 eS 01:12.5 Dist. 250 Km Small		eP 08:57:26 eS 52.5 Dist. 245 Km
	eP 14:07:50.6 eS 08:17 Dist. 244 Km		eP 08:05:48 eS 06:13.5 Dist. 235 Km		eP 12:44:45 eS 50 Dist. 28 Km
	iP 16:58:32.3 iS 46 Dilatation from NW PZ 0.12 u; 0.5 sec. Dist. 117 Km		eP 10:20:38.5 eS 21:06.3 Dist. 258 Km Small		eP 14:23:43.5 eS 24:11 Dist. 255 Km
	eP 17:48:20.2 eS 41.8 Dist. 196 Km		eP 14:04:46 eS 05:00 Dist. 120 Km		eP 17:14:15.8 iS 50 Dist. 322 Km
	eP 19:06:09.5 eS 31.5 Dist. 200 Km Small		eP 21:37:56 eS 38:46.6 Dist. 486 Km	23	eP 05:14:(29.5) eS 15:37.5 Dist. about 60 Km
	iP 22:24:35.3 iS 37.7 Compression Local		eP 23:27:28.3 eS 50.5 Dist. 202 Km		eS 10:52:29.5
	eP 23:38:20.3 eS 32.7 Dist. 104 Km	22	eP 00:20:31 eS 42.8 Dist. 98 Km Small		eP 12:52:04.6 eS 53:56.6 Dist. 10.2°
21	eP 00:04:32 eS 43.9 Dist. 99 Km		eP 00:21:42 eS 54 Dist. 120 Km Small		eP 19:09:17 iS 29.5 Dist. 105 Km
					eP 23:22:03 eS 23:22.8 Dist. 778 Km

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PROVISIONAL READINGS AT PELDEHUE

Jan. 24 eP 00:10:36.3
1966 e 44
eS 49.5
Dist. 112 Km
eP 00:39:11.4
iS 25.5
Dilatation from NW
Dist. 121 Km
iP 00:42:50
iS 43:04.5
Compression from SE
Dist. 125 Km
eP 01:30:35.4
eS 50.2
Dist. 128 Km

Jan. 24 eP 04:22:22.5
1966 eS 43.5
Dist. 190 Km
Small
eP 04:42:07.7
eS 22
Dist. 123 Km
eP 06:29:47.5
eS 30:33.8
Dist. 443 Km
eP 07:42:49.5
Distant shock

Jan. 24 eP 11:02:(26)
1966 eS 03:09
Dist. 410 Km
Small
eP 11:07:12.3
eP 11:56:14.5
eS 26
Dist. 95 Km
eP 12:11:18.7
eS 37.5
Dist. 168 Km

H. Becker
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Jan. 17 eP 16:38:09
1966 eS 27
Dist. 160 Km
18 iP 06:21:53.8
iS 22:03.6
Compression
Dist. 78 Km
iP 11:03:20.2
iS 29.7
Compression
Dist. 75 Km
eP 22:28:08
eS 16.8
Dist. 68 Km

Jan. 20 iP 09:02:58.6
1966 eS 03:11.5
Compression
Dist. 109 Km
22 eP 01:40:12
eS 44.8
Dist. 308 Km
eP 04:00:02.5
eS 51
Dist. 465 Km
eP 07:46:09.5
Distant shock

Jan. 22 eP 08:57:31
1966 eS 58:04
Dist. 310 Km
23 e 23:22:15.5
eS 23:32.5
24 iP 00:39:14.9
eS (32)
Dist. 151 Km
eP 00:42:54
eS 43:10
Dist. 140 Km
iP 01:30:32
iS 45.5
Dist. 115 Km

H. Becker
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 m

Jan. 24 1966	eP 19:50:44 eS 55.3 Dist. 93 Km	Jan. 26 1966	iP 05:27:50.7 iS 28:03.3 Dist. 106 Km	Jan. 27 1966	eP 16:15:27.9 Distant shock?
	eP 20:04:57.8 iS 05:15 Dilatation Dist. 152 Km		iP 05:31:52.4 Small		iP 18:24:09.4 iS 18.7 Compression from W Dist. 73 Km
	eP 21:03:41.3 eS 06:45 Dist. about 17°		eP 06:01:17.7 eS 02:01.9 Dist. 422 Km		eP 19:22:(31) e(S) 25:05.6
	eP 22:44:08.5 eS 19.5 Dist. 90 Km Small		eP 06:30:(04.5) eS 31:52.8 Dist. about 990 Km	28	eP 01:49:30 eS 50:00.5 Dist. 285 Km
	eP 23:59:09 eS 32.8 Dist. 218 Km Small		eP 07:48:19.5 e 50:25		eP 04:55:44.4 eS 56:24.7 Dist. 383 Km
25	eP 00:25:14 eS 35 Dist. 190 Km Small		eP 10:27:52.7 eS 28:04.3 Dist. 96 Km Small		eP 05:33:08.5 Distant shock?
	eP 05:10:33 eS 11:12.5 Dist. 375 Km Small	27	iP 22:29:08.0 iS 26.4 Compression Dist. 164 Km		ePP 06:00:07.5 eS 07:44 eSS 15:02 e(G) 25:46 eR 29:53 Doubtful interpretation Dist. about 105°
	eP 05:59:43.2 eS 06:00:02.5 Dilatation Dist. 173 Km		eP 00:31:19.6 iS 30.4 Dist. 88 Km		eP 08:06:50.4
	eP 10:22:39 iS 23:06.5 Dilatation from NW Dist. 255 Km		eP 01:44:41.6 iS 45:28.3 Dist. 447 Km		eP 15:03:25.2 iS 42.4 Dist. 152 Km
	eP 11:57:48.5 eS 59:(08.5) Dist. about 780 Km		eP 02:18:(02.7) iS 09.7 Small local		iP 17:23:42.4 iS 52.8 Dilatation PZ 0.2 u; 0.7 sec. Dist. 84 Km
	eP 17:29:06.1 eS 36.0 Dist. 279 Km		iP 03:00:28.3 iS 01:14.4 Compression from N Dist. 441 Km	29	eP 04:45:(55) iS 46:11.6 Small Dist. about 140 Km
	eP 18:25:39.9 Distant shock		iP 08:22:50.4 iS 23:07.4 Compression from NW Dist. 150 Km		eP 06:09:00.7 iS 12.3 Small Dist. 96 Km
26	iP 01:07:38.3 iS 53.9 Compression from NW Dist. 136 Km		iP 10:37:04.7 iS 21.3 Dilatation Dist. 146 Km		iP 08:22:28.5 eS 23:00.3 Dist. 298 Km
			eP 11:00:(27.0) iS 52.4 Dist. about 230 Km		eP 11:57:33.5 eS 50.9 Small Dist. 154 Km

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PROVISIONAL READINGS AT **PELDEHUE**

Jan. 29 1966 iP 18:25:52.5
iS 26:09.3
Dilatation
Dist. 148 Km

eP 20:17:28.8
eS 55
Dist. 242 Km

eP 20:33:09.3
iS 27.4
Dist. 161 Km

30 eP 00:41:58.9
i 42:09.5
iS 16.4
Dist. 155 Km

iP 02:50:30.7
i 36.8
iS 47.4
Dilatation
Dist. 147 Km

iP 03:58:34.5
iS 46.4
Compression
Small
Dist. 99 Km

Jan. 30 1966 iP 04:28:50.1
iS 29:02.9
Dist., 108 Km

iP 19:24:55.5
iS 25:12.1
Dilatation from SW
Dist. 146 Km

31 eP 02:57:51.1
eS 58:21.9
Dist. 288 Km
iP 06:37:53.5
eS 38:30.9
Dilatation from S
Dist. 354 Km

eP 07:12:52.4
iS 13:03.3
Dist. 89 Km

iP 07:53:37.6
iS 48.6
Dist. 90 Km

Jan. 31 1966 eP 14:03:40.8
eS 05:55.1
eR 06:44.6
Dist. 10.7°

iP 16:12:03.3
iS 18.2
Dilatation from N
Dist. 129 Km

iP 17:46:40.2
iS 57.7
Dilatation from E
Dist. 155 Km

iP 17:49:50.4
eS 50:06.7
Compression from W
Dist. 143 Km

eP 17:52:(27.2)
eS 52.0
Dist. about 230 Km

E. Lorca
Seismologist

PROVISIONAL READINGS AT **CONCEPCION**

36° 49' 41" S 73° 02' 42" W h 46 m

Dec. 31 1965 eP 17:16:23.5
iS 40.0
Dist. 135 Km

eP 19:23:51
iS 24:08
Dist. 135 Km

eP 22:05:38
iS 42.5
Dist. 35 Km

iP 22:06:07
eP 08:22

Jan. 05 1966 eP 23:11:46.5
iS 50
Dist. 25 Km

Jan. 05 1966 eP 23:22:51.5
iS 55
Dist. 25 Km

08 eP 16:23:21.5
eS 38
Dist. 135 Km

09 eP 04:51:35.5
iS 43.5
Dist. 65 Km

11 eP 13:08:25

14 eP 00:28:37

iP 21:49:58
iS 50:15
Dist. 135 Km

Jan. 15 1966 eP 19:20:44.5

iP 19:30:36
iS 31:43
Dist. 650 Km

17 iP 17:43:47
iS 57.5
Dist. 85 Km

iP 23:02:18
iS 34
Dist. 130 Km

A. Trautmann
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Peldehue
Antofagasta
Concepcion
Santiago
Jan & Feb '66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Date	Type	Time	Distance	Notes	
Feb. 01 1966	eP	01:56:44.2			
	e(S)	57:49			
	eP	04:32:53.1			
	eS	33:18.6			
	Small				
	Dist.	235 km			
	eP	05:07:05			
	iS	08:01.8			
	FELT IV AT CONCEPCION				
	Dist.	548 km			
Feb. 01 1966	eP	06:41:57.1			
	eS	42:14.6			
	Small				
	Dist.	155 km			
	eP	10:03:(04.5)			
	e(S)	04:46			
	eP	11:22:04.1			
	eS	16.7			
	Small				
	Dist.	106 km			
Feb. 01 1966	eP	22:32:37.8			
	eS	33:15			
	Dist.	352			
	02	eP	00:22:49.3		
		eS	23:22.5		
	Dist.	312 km			
	eS	00:33:06			
	iP	02:23:21.0			
	iS	32.7			
	Small				
Compression					
Distance	97 km				
02	eP	06:56:06			
	eS	17			
Small					
Distance	90 km				
03	eP	00:49(59)			
	eS	52:22.5			
Dist.	about 13°				
Feb. 03 1966	iP	02:06:08.6			
	iS	20.0			
	Compression from NE				
	FELT III AT STGO				
	Dist.	94 km			
	iP	02:13:30.3			
	eS	40			
	Compression from SE				
	FELT II AT STGO				
	Dist.	77 km			
Feb. 03 1966	iP	04:05:29.8			
	iS	40.7			
	Compression from N				
	Dist.	179 km			
	iP	06:07:28.1			
	Distant shock				
	Compression from NE				
	iP	08:02:08.4			
	iS	18.4			
	Dilatation from NE				
Dist.	80 km				
Feb. 03 1966	eP	09:41:12.5			
	eS	24			
	Dist.	95 km			
	eP	09:53:54.4			
	eS	54:10.5			
	Dist.	141 km			
	iP	17:31:43.1			
	iS	54.4			
	Dilatation				
	Dist.	93 km			
Feb. 03 1966	eP	19:33(16)			
	e(S)	35:43			
Feb. 03 1966	eP	20:03:22			
	eS	39.8			
Dist.	158 km				
Feb. 03 1966	iP	22:11:17.9			
	iS	38			
Dilatation					
Dist.	181 km				
Feb. 03 1966	eP	22:32:44			
	eS	33:25.5			
	Dist.	395 km			
	04	eP	00:48:33		
		iS	45.5		
	Small				
	Dist.	105 km			
	iP	16:36:09.2			
	Compression				
	Explosion?				
Feb. 03 1966	eP	22:17:36.8			
	eS	44.4			
Small					
Dist.	56 km				
05	eP	00:53:57.2			
	eS	54:17			
Small					
Distance	178 km				
Feb. 03 1966	eP	06:37:15.4			
	iS	33.8			
Dist.	164 km				
Feb. 03 1966	iP	15:15:53.2			
	iS	16:05.0			
Dilatation					
Dist.	98 km				
Feb. 03 1966	eP	15:32:40.1			
	e	33:57.3			
Distant shock					
Feb. 03 1966	iP	21:28:04.0			
	iS	23.2			
Compression					
Dist.	172 km				
Small					
Feb. 03 1966	eP	22:25:21.8			
	eS	27.4			
Dist.	36 km				
Feb. 03 1966	iP	23:37:34.9			
	iS	40:19.5			
Compression					
Distance	15°				

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PROVISIONAL READINGS AT PELDEHUE

Feb.06 iP 00:42:43.2	Feb.06 No records from 18:25	
1966 iS 54.8	1966 to Feb.07 at 15:03	
Compression	07 eP 23:26:17	E. Lorca
Dist. 96 km	Distant shock	Seismologist
Small		

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Feb.03 eP 00:50(13)	Feb.03 iP 08:02:06.9	Feb.07 eP 04:45:53
1966 eS 52:39	1966 iC 15.8	1966 Distant shock
Dist. about 13,4°	Dilatation	eP 05:41:30
iP 02:06:07.0	Dist. 69 km	eS 49.5
iS 19.5	04 iP 13:44:00.8	Dist. 175 km
FELT III AT STGO.	e(S) 11.5	
Dilatation from NE	Compression	eP 23:26:18
Dist. 105 km	05 iP 15:15:55.9	Distant shock
iP 02:13:28.7	iS 16:08.3	
iS 37.8	Dist. 104 km	
Compression	eP 15:32:39.3	
Dist. 71 km	Distant shock	
eP 04:05:28	eP 23:37:40	E. Lorca
eS 37.3	e(S) 40:33	Seismologist
Dist. 173 km		

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jan.31 eP 06:37:32	Jan.31 eP 09:06:34.5	Feb.01 iP 05:06:14
1966 eS 50	1966 eS 47.5	iS 19.5
Dist. 145 km	Dist. 105 km	Dist. 45 km
		FELT IV AT CONCEPCION
		A. Sickinger
		Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h = 80 m

Jan.01 e(P) 03:20:28.4	Jan.01 eP 10:48:35.0	Jan.01 eP 15:25:38.7
1966 eS 58.4	1966 eS 49:13.7	1966 eS 26:01.6
	i 23.1	Compression
eP 03:58:19.7	Compression	Dist. 140 km
eS 41.3	Dist. 350 km	eP 16:52:23.5
Dist. 280 km	e(P) 14:21:31.6	eS 53:02.2
eP 09:01:44.5	eS 58.4	Compression
eS 03:00.9	e(P) 14:48:25	Dist. 350 km
Dist. 720 km	eS 49	02 e(P) 22:33:45.4
eP 10:46:30.1	eP 14:54:52.2	eS 34:17.2
eS 47:10.5	eS 55:29.5	eP 23:48:37.9
Dist. 360 km	Dilatation	e(S) 49:10.5
	Dist. 330 km	i 28.7
		i 50.4
		Compression

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PROVISIONAL READINGS AT ANTOFAGASTA

Jan.03 1966	e(P) eS i	03:13:56.5 14:19.6 26.3	Jan.05	iP iS Compression from SE Dist. about 50 km	00:25:52.8 59	Jan.07 1966	eP eS Dilatation from SE? Dist. 420 km	00:50:16.3 51:01.8
	e(P) eS	11:46:07.6 37.5		eP eS Dilatation Dist. 80 km	00:56:58.6 57:08.5		eP eS Dist. about 320 km	03:49:02 37.8
	eP eS Dist. about 260 km	11:50:31 51:00.9		eP eS Compression Dist. 70 km	07:04:45.0 53.4		e(P) eS	04:14:58 15:04.6
	eP PZ 0.078 u; 1.0 sec	18:22:00.4		eP i eS i Compression from SE Dist. 420 km	10:53:54.4 55.9 54:40.3 54.3		e(P) eS	21:16:56.4 17:14.2
	eS	19:05:11.9		eS eP i(S) i Compression	11:53:33.1 12:16:07.5 28.5 41.0	08	eP eS Compression Dist. 400 km	00:34:38.2 35:21.8
04	iP iS Dilatation from SSE Dist. 40 km	02:07:45.3 50.4		eP i e(S)	15:27:52.1 56.9 29:38.7		eP eS i Dilatation Dist. 190 km	02:47:22.6 43.8 48
	e(PKP)	05:02:14.4		ePKP	18:29:38.4		e(P) eS	04:06:54.4 07:31
	eP eS i Dist. 190 km	06:05:05 27.5 32.2		eP eS Dist. 150 km	21:25:45.6 26:03.9		eP eS	05:03:48.1 04:25.2
	iP i(S) Dilatation from NE	06:29:51.2 30:09	06	eS	01:20:32.5		Compression Dist. 330 km	
	eS	09:26:24.2		eS	08:54:34.9		eP eS i Dilatation from NE? Dist. 200 km	08:37:01.4 25.1 26.0
	eP e(S)	11:26:41 27:15		iP iS Compression from ESE Dist. 240 km	17:54:18.6 56.8		eP eS i Dist. about 160 km	15:55:24 45.6 47.2
	eP i iS Compression Dist. 240 km	12:50:09.0 10.2 51:37		eP eS Compression from NE Dist. 50 km	20:00:20.3 26.4		iP eS i Compression from NE Dist. 360 km	16:01:13.8 53.3 54.5
	iP iS Compression from SE Dist. 200 km	14:52:31.2 55		e(P) e i iS Dist. 660 km	23:42:03.6 43:03.4 06.7 14.9		Dist. 200 km	
	eP e(S)	15:48:35.7 49:11.5						
	eP eS Dist. 150 km	16:48:08.0 26.0						
	iP eS i Compression from NE Dist. 50 km	21:48:20.9 27.3 31.5						

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PROVISIONAL READINGS AT ANTOFAGASTA

Jan.08 1966	eP	16:28:23.9	Jan.10 1966	eP	07:16:05.5	Jan.12 1966	eP	13:49:12	
	i	27.6		eS	38.5		eS	30.9	
	eS	29:08.8		Dist.	290 km		i	31.4	
	i	12.3		e(P)	07:44:15.2		Dist.	about 150 km	
	Dilatation from NE			eS	35		eP	17:33:41.0	
	Dist. 410 km			eP	18:59:17.6		e(S)	34:44.5	
	eP	22:49:01.8		eS	43.7		eP	22:52:20.4	
	eS	41.4		Dist.	220 km		eS	26.9	
	Dist. 360 km			11	eP	00:32:28.0		i	33.6
09	iP	04:07:06.0		eS	33:00.6		Compression from SW?		
	iS	36.8		i	02.1	13	eP	02:45:57.8	
	e(R)	49		Dilatation?			eS	46:37.3	
	Compression from NW			Dist.	290 km		Dist.	380 km	
	Dist. 260 km			e(P)	04:29:08		iP	02:55:17.8	
	e(P)	04:29:25.6		eS	44		eS	55	
	eS	49.6		Dist.	320 km		i	56.7	
	iP	06:06:59.9		iP	07:59:53.4		Compression from NE		
	eS	07:24.2		iS	08:00:30.3		Dist.	340 km	
	i	36.0		Compression from NE			eP	05:39:30.9	
	Compression from ESE			Dist.	330 km		eS	57.2	
	Dist. 200 km			e(P)	19:13:30		Compression		
	e(PKP)	09:17:15.0		eS	14:21		Distance 220 km		
	eP	13:40:00		i	23.5		eP	07:27:20	
	eS	39		e(P)	20:10:00		eS	28:15	
	Dist. about 350 km			eS	29		i	16.1	
	e(P)	14:29:12.5		Dist.	about 210 km		Dist.	510 km	
	eP	15:12:10.3		eP	22:05:36.4		eP	09:32:54.8	
	eS	35.9		eS	52.8		eS	33:18.0	
	Compression			Dist.	130 km		i	19.8	
	Dist. 220 km			eP	23:04:30		Compression		
	eP	20:50:00		eS	54.5		Dist. 190 km		
	eS	31.8		i	55.0		eP	10:38:45.2	
	Dist. 280 km			Dist.	about 210 km		i	46.4	
	eP	22:54:16.7		12	eP	03:07:52.1		Dist.	about 42°
	i	55:10.5		eS	08:31.6		e(P)	12:54:21	
	iS	19.8		Compression			e(S)	55:18	
	i	55.9		Dist.	380 km		iP	14:20:44.2	
	Compression			eP	04:01:39.4		PZ 0.86 u; 0.9 sec.		
	Dist. 590 km			eS	02:11.3		eP	14:27:57.4	
	eP	22:59:20.6		Compression			local		
	eS	50.2		Dist.	280 km		iP	16:19:38.4	
	Dilatation			eP	06:35:35.4		eS	20:22.7	
	Dist. 260 km			i	35.8		i	23.1	
	eP	23:17:10		eS	36:15		Compression from SSE		
	local			Compression from S			Dist.	400 km	
	Dist. 90 km			Dist.	360 km		eP	19:27:11.4	
10	eP	00:37:21.1		eP	08:06:56.7		i	16.4	
	eS	31.8		Dilatation			iS	36.7	
	Compression			e(P)	09:16:55		Dilatation		
	Dist. 90 km			eS	17:20		Dist. 210 km		

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PROVISIONAL READINGS AT ANTOFAGASTA

Jan.13 eP 21:41:09.2	Jan.14 eP 07:47:59.9	Jan.14 eP 20:59:35.6
1966 eS 47.7	1966 eS 48:24.8	1966 eS 52.2
Compression	Dist. 210 km	i 58.5
Dist. 350 km		Compression
	eP 09:54:00.4	Dist. 130 km
14 eP 01:29:28.4	i 00.8	
iS 33.6	eS 38.1	eP 21:56:32
Compression	i 39.8	i 35
Dist. 40 km	Compression from NW	Dilatation
	Dist. 340 km	
eS 03:36:37.0		
eP 03:43:59.7	eP 19:31:42.1	
local	eS 32:04.2	
	i 07.0	
	Dilatation	
	Dist. 180 km	

Franulic
Seismologist

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m

Feb. 08 1966	e(P) 14:56:43.5 eP 19:12:28.2 eS 41.3 e(S) 58:05 Small Dist. 110 km.	Feb. 10 1966	eP 05:12:30 e 13:02.3 eS 56.3 Dist. 840 km.	Feb. 14 1966	eP 06:00:47.3 Distant shock eP 06:29:51.3 Distant shock eP 06:37:30.5 eS 56.5 Small Dist. 140 km.
	eP 21:02:32.2 e 36.3 iS 03:27.2 Dist. 530 km.		eP 06:16:09 iS 17:44.7 Dist. 940 km.		eP 15:56:21.6 eS 57:07.4 Dist. 438 km.
09	eP 00:57:40 eS 53.8 Small Dist. 118 km.	11	iP 22:09:41.5 e 50.5 iS 55.2 Dist. 117 km.		iP 17:06:52.4 iS 07:10.4 Felt II at Santiago Dilatation from NE Dist. 160 km.
	eP 02:08:36 eS 58.2 Dist. 200 km.	12	eP 00:53:38.1 eS 54:06.6 Dist. 265 km.	15	eP 04:47:31.5 iS 42.3 Dist. 88 km.
	iP 03:10:24.1 iS 41.1 Compression from N Dist. 150 km.		eP 03:35:24.7 eS 36:36 Dist. 693 km.		eP 07:50:26 eS 47.3 Dist. 193 km.
	eP 04:37:43.8 iS 38:00.8 Dist. 150 km.		eP 07:25:28.4 iS 40.4 Small Dist. 100 km.		eP 08:40:50.3 eS 41:(05) Small Dist. about 130 km.
	eP 04:47:51.5 eS 53:59.5 G 56:44.5 Dist. 42°		eP 14:24:18.6 eS 43.2 Dist. 226 km.		eP 09:40:51.4 eS 41:09.4 Small Dist. 160 km.
	eP 15:20:19.5 eS 23:49.5 eR 24:55 Dist. 19.3°		eP 15:32:18.9 eS (38.5) Dist. about 180 km.		eP 09:44:32.3 eS 48 Small Dist. 137 km.
	eP 16:23:52.2 eS 24:05.7 Dist. 115 km.	13	eP 05:17:55.2 Distant shock eP 09:37:(47) eS 38:18 Dist. about 200 km.		eP 14:31:24.3 eS 55.1 Small Dist. 288 km.
	eP 17:25:09.3 eS 26:50.1 Dist. 990 km.		eP 19:29:26 Distant shock eP 19:31:02 iS 08 Dist. 40 km.		iP 17:51:40.5 iS 49.7 Compression Dist. 70 km.
	eP 18:14:(31.5) eS 51.9 Dist. about 180 km.		eP 23:21:06 iS 36.8 Dist. 288 km.		eP 20:02:47 iS 58.0 Small Dist. 90 km.
	e(P) 20:25:(32) Local	14	eP 01:59:04 eS 22.5 Small Dist. 165 km.		eP 23:42:43.3 eS 43:26.3 Dist. 410 km.
10	eP 02:32:32 iS 49.3 Dist. 153 km.				eS 23:44:19.8
	eP 03:31:21.8 eS 35 Dist. 112 km.				

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Feb.09 1966	eP i eS Dist. 187 km.	03:10:27.3 36.8 48	Feb.10 1966	eP Distant shock iP eS Dist. 71 km.	14:40:45.6 15:31:23.9 33	Feb.14 1966	eP Distant shock iP iS Felt II at Santiago Dilatation Dist. 183 km.	06:00:48 17:06:58.7 07:19
10	eP eL eP eS Dist. 890 km.	05:12:29 14:09 06:16:05 17:36	11	eP eS Dist. 148 km.	22:09:45 10:01.8	13	eP Distant shock	05:17:55.3

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Feb.01 1966	iP iS Felt IV at Concepción Dist. 75 km.	05:06:14 19.5	Feb.09 1966	eP eP eS Dist. 185 km.	15:48:02 17:21:56 22:18.5	Feb.11 1966	eP 12 eP 14 eP e(P) eS 15 eP 16 eP	23:12:10 14:58:43 16:23:37 17:07:46 08:45 19:37:10 15:33:37
03	eP e(S) eP eS Dist. 55 km.	02:07:(00) 08:10 19:57:28 35	10	eP eS Dist. 195 km. eP eS Dist. 195 km.	05:11:45 12:08.5 06:15:15 38.5	11	eP eP	16:01:42 21:53:21

A. Sickinger
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Jan.27
1966
 eP eS Dist. 210 km. | 13:21:41.4 22:04.5 |

E. Lorca
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jan.15 1966	eP eS i Compression Dist. 320 km. e(P) eS i	01:30:32.2 31:05.8 10.8 03:35:17 45.4 52.2	Jan.15 1966	eP eS eR Compression Dist. 9° eP iS Compression Dist. 40 km.	05:10:47.7 12:30 13:12 05:46:40.6 45.5	Jan.15 1966	eP 16 eP i eS i Dilatation from NW Dist. 40 km.	07:00:20.2 20:27:43.2 43.9 48.5 58.1
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PROVISIONAL READINGS AT ANTOFAGASTA

Jan. 17 1966	eP eS Dilatation Dist. 360 km.	01:50:05.1 44.7	Jan. 21 1966	eP eS Dist. about 230 km.	17:59:38 18:00:05.4	Jan. 23 1966	eP eS Dist. about 150 km.	02:12:59 13:27.5
	e(P) eS	05:56:45 57:05		eP eP i eS i Dilatation from SW Dist. 190 km.	18:26:33.1 19:20:56.6 57.6 21:19.5 25.5		eP eS Dist. 120 km.	02:29:59.6 30:25.3
	eP eS i Compression from S Dist. 50 km.	08:03:58.9 04:05.7 12.6		eP eS Compression Dist. 230 km.	20:48:29 56.4		eP eS Dist. 190 km.	11:19:12.7 35.8
19	eS	18:14:40.4		e(P) eS	00:58:32.2 59:09.7		e(P) eS	11:51:55.8 52.30
20	eP i eS i Compression Dist. 350 km.	02:36:13.7 14.3 51.2 52.7	22	eS eS eP Local	10:42:10.8 10:46:05.4 12:26:20.5		eP e(S) Dist. 90 km.	12:52:04.4 56.3
	iP eS i Compression from NW? Dist. 320 km.	06:47:38.2 48:14.3 15.1		iP iS Compression from ENE Dist. 460 km.	12:43:15.3 44:05.5		e(P) eS	19:46:40.5 47:08.8
	eP e	07:16:29.0 32.8		eP iP iS Compression from ENE Dist. 460 km.	12:43:15.3 44:05.5		eP e e iS Dist. 530 km.	21:38:32.2 44.4 Dilatation Dist. 90 km.
	eP eS Compression from SE Dist. 50 km.	11:44:52.5 58.5		e(P) e(S)	13:59:56 14:00:18.2		eP e e iS Dist. 530 km.	23:21:30.5 48.2 51.0 22:25.0
	iP eS i Dilatation Dist. 90 km.	13:17:25.8 37.2 47.1		eP eS eSS eSSS e(R) Dist. about 41°	14:45:40 51:58 52:14 55:00 57:00	24	eP eS i Dist. 70 km.	00:43:03 12.2 18.8
	eP i eS i Dilatation from NE Dist. 40 km.	20:19:24.8 25.0 30.4 34.1		eP eS Compression Dist. 150 km.	15:54:25.3 43		eP eS Dist. 280 km.	01:58:26.4 57.8
	e(P) e(S)	22:02:06.7 40.4		eP eS Dist. 140 km.	18:51:40.5 57.6		eP eS i Compression from SW? Dist. 130 km.	09:25:22.4 38.7 44.0
21	eP e(S) iP iS Compression from ENE Dist. 370 km.	05:39:34.7 40:01.7 11:22:23.6 23:03.1		eP eS Compression Dist. 50 km.	20:15:40.5 46.7		eP eS Dist. 330 km.	13:29:10.7 47.6
	eP eS i Compression Dist. 180 km.	14:53:44 54:05.2 06.4		iP iS Compression from SE Dist. 50 km.	20:41:06.9 12.9		e(P) eS	15:03:24.4 42.3
	eP eS i Compression Dist. 180 km.	14:53:44 54:05.2 06.4	23	e(P) eS eSS e(R) Dist. about 31°	01:07:14 12:28 12:45 15:00		eP i eS i Compression from NE Dist. 90 km.	15:11:17.7 18.1 29.9 30.5

PROVISIONAL READINGS AT ANTOFAGASTA

Jan. 24 1966	eP 18:40:23 eS 49.6 Compression Dist. 230 km.	Jan. 26 1966	eP 00:45:29.2 eS 46:11.2 Compression Dist. 380 km.	Jan. 27 1966	eP 10:32:21.7 i 31.2 eS 54.2 i 57.8 Compression from NE Dist. 190 km.
	eP 21:09:06.5 i 08.7 eS 10:47 eR 11:24 Compression Dist. 9°		eP 01:08:41.0 i 41.4 Compression		e(P) 10:35:54 eS 36:11
	e(P) 21:44:57.2 eS 45:16.3		eP 03:52:24.9 eS 32.0 Compression Dist. 60 km.		eP 11:31:26.7 eS 32:12.2 Dist. 410 km.
	eP 22:07:55 i 55.4 eS 08:33.1 i 34.2 Compression from SW Dist. 340 km.		e(P) 04:56:09.4 eS 23.7		eP 14:33:16.5 i 17.6 eS 35.0 i 37.2 Compression from SE? Dist. 150 km.
	eP 22:34:55.2 eS 35:30.5 Compression from NW Dist. 310 km.		eP 07:06:59.7 Compression		eP 15:00:46.6 e(S) 01:28.1
25	eP 04:11:52.4 eS 12:05.1 i 17.5 Compression from SW Dist. 90 km.		iP 07:46:16.6 iS 28.4 Compression from SSE Dist. 100 km.		eP 16:00:59.8 eS 01:04.9 Compression Dist. 40 km.
	e(P) 05:25:37.3 eS 26:12.1		eP 11:41:20 i 20.8 eS 28.0 i 35.9 Compression from S Dist. 70 km.		eP 19:20:23.7 i 25.4 iS 54.0 Compression from SW Dist. 260 km.
	eP 12:04:05 eS 05:09 Dist. about 590 km.		e(P) 12:04:12.7 eS 28.9	28	eP 01:03:23.2 eS 55.3 Dist. 280 km.
	eS 12:57:09.2		eP 19:51:44.5 i 46.0 eS 52:01.8 i 07.6 Compression from NE Dist. 230 km.		eP 05:35:43
	eP 16:52:28.4 Local		eP 21:57:53.2 eS 58:13.4 i 14.2 Dilatation Dist. 160 km.		ePKP 06:00:36 ePP 01:26 eSKS 07:27 ePS 10:40 eSPP 11:41 eSS 16:00 eG 27:39 eR 33:18 Dist. about 111°
	eS 18:44:21.7		eP 23:56:02.1 eS 41.8 Compression Dist. 400 km.		e(P) 07:23:30.9 eS 59.4
	eP 20:18:50.9 eS 19:29.8 Compression Dist. 350 km.				eP 08:07:03.4 eS 12:40 e(G) 14:40 eSS 15:00 eR 16:37 Compression Dist. about 35°
	eP 20:33:23.4 eS 57.3 Dilatation Dist. 300 km.	27	e(P) 03:01:25.4 e 02:38.6 e 49.2 e(S) 58.0 Felt III at La Serena		e(P) 09:00:54.6 eS 01:23.5 i 32.2
	eP 22:54:35.2 i 41.4 eS 48.7 i 55:03.0 Dilatation from NE Dist. 100 km.		e(P) 04:58:09.2 eS 38.9		ePKP 09:11:41.0 Compression
26	eP 00:36:10 eS 34.8 Compression Dist. 380 km.		eS 05:21:14.5		

PROVISIONAL READINGS AT ANTOFAGASTA

Jan.28 1966	e(P) 09:54:57.4 eS 56:05 Two Shocks?	Jan.29 1966	eP 15:24:36.6 eS 44.8 i 49.6 Compression Dist. 70 km.	Jan.31 1966	eP 08:12:54.5 i 54.9 eS 13:39.8 Compression from SE Dist. 410 km.
	iP 11:25:02.1 iS 22.9 Compression from SE Dist. 170 km.		eP 15:45:33.5 eS 46:10.8 Dilatation Dist. 330 km.		e(P) 11:03:26.6 eS 04:03.2
	e(P) 11:58:57.4 eS 59:35.5		eP 18:18:45.6 eS 19:21.5 Compression Dist. 320 km.		eP 14:02:47.2 i 47.6 iS 03:25 Compression Dist. about 340 km.
	iP 15:51:37.7 eS 52:14.3 i 18.0 Compression from ESE Dist. 330 km.		e(P) 18:27:34.3 eS 29:14.5		e(P) 18:14:41 Local
	eP 16:18:51.8 eS 19:31.5 Dist. 360 km.		eP 18:38:07.2		eP 19:51:27.2 eS 33.6 Compression Dist. 50 km.
	ePKP 23:00:38.4	30	e(P) 01:25:06.6 eS 21.5	Feb.01 1966	eP 01:56:21.1 eS 47.4 Dilatation Dist. 220 km.
29	e(P) 03:58:54.7 Local		eP 02:08:11.5 eS 45.1 i 46.6 Dilatation Dist. 300 km.		eP 05:13:26.2 Compression
	eP 04:32:51.2 eS 33:30.4 Compression Dist. 350 km.		iP 03:33:26.8 eS 41.4 i 49.1 Compression from E Dist. 130 km.		eP 05:39:50.3 e(S) 40:35.9
	eP 04:35:34.4 eS 36:30.5 i 37.0 Compression Dist. 520 km.		e(P) 05:07:30.1 eS 08:10.2		eP 09:20:38.4 eS 43.2 Dilatation from SW Dist. 30 km.
	e(P) 06:57:14.1 eS 58:01.8		e(P) 09:10:29.8 eS 11:11.2		eP 10:01:32.7 i 35.4 iS 57.7 Compression from SE Dist. 210 km.
	eP 08:38:52.4 eS 39:26.6 Dist. 300 km.		eP 10:45:36 eS 46:45 Compression Dist. 650 km.		eP 10:06:20.6 e(S) 38.2 i 43.8 Compression
	eP 10:15:23.4 eS 48.3 i 48.8 Dilatation Dist. 210 km.		eP 11:10:28.8 eS 11:05.3 Compression Dist. 320 km.		eP 11:41:03.9 e(S) 23.8
	eP 10:56:19.3 eS 56.4 Dist. 330 km.		e(P) 11:19:55.1 eS 20:03		e(P) 14:36:06.6 eS 34.1
	eP 12:19:17.1 eS 34.5 Compression Dist. 140 km.		e(P) 14:44:24.5 eS 40.3		e(P) 17:29:13.6 eS 44.4
	iP 14:50:55.4 iS 51:01.5 Compression from N Dist. 50 km.		eP 16:31:11.7 eS 30.2 Compression Dist. 150 km.		e(P) 17:32:13.2 eS 24.7
		31	iP 05:23:16.6 iS 30.2 Compression Dist. 100 km.		eS 19:07:58.4 eP 21:33:45.7 eS 34:20.4 Dist. 310 km.

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PROVISIONAL READINGS AT ANTOFAGA STA

Feb.01 eP	22:06:43.2	Feb.02 e(P)	00:04:36.5	Feb.02 eP	00:28:22.0
1966 eS	07:30.5	1966 e(S)	05:10.5	1966 i	22.7
	Compression from SE			1966 iS	55.6
	Dist. 440 km.				Compression from SW
					Dist. 300 km.

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Feb. 66
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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb 08 1966	e(P) eP eS e(S) Small Dist. 110 km.	14:56:43.5 19:12:28.2 41.3 58:05	Feb. 10 1966	eP e eS Dist. 840 km.	05:12:30 13:02.3 56.3	Feb 14 1966	eP Distant shock eP Distant shock eP eS Small Dist. 140 km.	06:00:47.3 06:29:51.3 06:37:30.5 56.5
	eP e iS Dist. 530 km.	21:02:32.2 36.3 03:27.2		eP iS Dist. 940 km.	06:16:09 17:44.7			
09	eP eS Small Dist. 118 km.	00:57:40 53.8	11	iP e iS Dist. 117 km.	22:09:41.5 50.5 55.2		eP eS Dist. 438 km.	15:56:21.6 57:07.4
	eP eS Dist. 200 km.	02:08:36 58.2	12	eP eS Dist. 265 km.	00:53:38.1 54:06.6		iP iS Felt II at Santiago Dilatation from NE Dist. 160 km.	17:06:52.4 07:10.4
	iP iS Compression from N Dist. 150 km.	03:10:24.1 41.1		eP eS Dist. 693 km.	03:35:24.7 36:36	15	eP iS Dist. 88 km.	04:47:31.5 42.3
	eP iS Dist. 150 km.	04:37:43.8 38:00.8		eP iS Small Dist. 100 km.	07:25:28.4 40.4		eP eS Dist. 193 km.	07:50:26 47.3
	eP eS G Dist. 42°	04:47:51.5 53:59.5 56:44.5		eP eS Dist. 226 km.	14:24:18.6 43.2		eP eS Small Dist. about 130 km.	08:40:50.3 41:(05)
	eP eS eR Dist. 19.3°	15:20:19.5 23:49.5 24:55		eP eS Dist. about 180 km.	15:32:18.9 (38.5)		eP eS Small Dist. 160 km.	09:40:51.4 41:09.4
	eP eS Dist. 115 km.	16:23:52.2 24:05.7	13	eP Distant shock eP eS Dist. about 290 km.	05:17:55.2 09:37:(47) 38:18		eP eS Small Dist. 137 km.	09:44:32.3 48
	eP eS Dist. 990 km.	17:25:09.3 26:50.1		eP Dist. about 290 km.	19:29:26		eP eS Small Dist. 288 km.	14:31:24.3 55.1
	eP eS Dist. about 180 km.	18:14:(31.5) 51.9		eP iS Dist. 40 km.	19:31:02 08		iP iS Compression Dist. 70 km.	17:51:40.5 49.7
	e(P) Local	20:25:(32)		eP iS Dist. 288 km.	23:21:06 36.8		eP iS Small Dist. 90 km.	20:02:47 58.0
10	eP iS Dist. 153 km.	02:32:32 49.3	14	eP eS Small Dist. 165 km.	01:59:04 22.5		eP eS Dist. 410 km.	23:42:43.3 43:26.3
	eP eS Dist. 112 km.	03:31:21.8 35					eS	23:44:19.8

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Feb.09 1966	eP i eS Dist. 187 km.	03:10:27.3 36.8 48	Feb.10 1966	eP Distant shock iP eS Dist. 71 km.	14:40:45.6 15:31:23.9 33	Feb.14 1966	eP Distant shock iP iS Felt II at Santiago Dilatation Dist. 183 km.	06:00:48
10	eP eL	05:12:29 14:09	11	eP eS Dist. 148 km.	22:09:45 10:01.8			
	eP eS Dist. 890 km.	06:16:05 17:36	13	eP Distant shock	05:17:55.3			E. Lorca Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Feb.01 1966	iP iS Felt IV at Concepción Dist. 75 km.	05:06:14 19.5	Feb.09 1966	eP eP eS Dist. 185 km.	15:48:02 17:21:56 22:18.5	Feb.11 1966	eP 12 eP 14 eP e(P) eS 15 eP 16 eP	23:12:10 14:58:43 16:23:37 17:07:46 08:45 19:37:10 15:33:37
03	eP e(S) eP eS Dist. 55 km.	02:07:(00) 08:10 19:57:28 35	10	eP eS Dist. 195 km. eP eS Dist. 195 km.	05:11:45 12:08.5 06:15:15 38.5			
07	eP Small	22:56:27	11	eP eP	16:01:42 21:53:21			A. Sickinger Seismologist
09	eP Distant shock P.C.	04:49:(00)						

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Jan.27
1966
 eP eS Dist. 210 km. | 13:21:41.4 22:04.5 |

E. Lorca
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jan.15 1966	eP eS i Compression Dist. 320 km.	01:30:32.2 31:05.8 10.8	Jan.15 1966	eP eS eR Compression Dist. 9° eP iS Compression Dist. 40 km.	05:10:47.7 12:30 13:12 05:46:40.6 45.5	Jan.15 1966	eP 16 eP i eS i Dilatation from NW Dist. 40 km.	07:00:20.2 20:27:43.2 43.9 48.5 58.1
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PROVISIONAL READINGS AT ANTOFAGASTA

Jan. 17 1966	eP eS Dilatation Dist. 360 km.	01:50:05.1 44.7	Jan. 21 1966	eP eS Dist. about 230 km.	17:59:38 18:00:05.4	Jan. 23 1966	eP eS Dist. about 150 km.	02:12:59 13:27.5
	e(P) eS	05:56:45 57:05		eP eP i eS i Dilatation from SW Dist. 190 km.	18:26:33.1 19:20:56.6 57.6 21:19.5 25.5		eP eS Dist. 120 km.	02:29:59.6 30:25.3
	eP eS i Compression from S Dist. 50 km.	08:03:58.9 04:05.7 12.6		eP eS Compression Dist. 230 km.	20:48:29 56.4		eP eS Dist. 190 km.	11:19:12.7 35.8
19	eS	18:14:40.4		e(P) eS	00:58:32.2 59:09.7		e(P) eS	11:51:55.8 52.30
20	eP i eS i Compression Dist. 350 km.	02:36:13.7 14.3 51.2 52.7	22	eS eS eS eP Local	10:42:10.8 10:46:05.4 12:26:20.5		eP e(S)	12:52:04.4 56.3
	iP eS i Compression from NW? Dist. 320 km.	06:47:38.2 48:14.3 15.1		iP iS Compression from ENE Dist. 460 km.	12:43:15.3 44:05.5		e(P) eS	19:46:40.5 47:08.8
	eP e	07:16:29.0 32.8		eP e(P) e(S)	13:59:56 14:00:18.2		eP e e iS Dist. 530 km.	21:38:32.2 44.4 Dilatation Dist. 90 km.
	eP eS Compression from SE Dist. 50 km.	11:44:52.5 58.5		eP eS eSS eSSS e(R) Dist. about 41°	14:45:40 51:58 52:14 55:00 57:00		eP e e iS Dist. 530 km.	23:21:30.5 48.2 51.0 22:25.0
	iP eS i Dilatation Dist. 90 km.	13:17:25.8 37.2 47.1		eP eS eS eS e(R) Dist. about 41°	15:54:25.3 43 Compression Dist. 150 km.	24	eP eS i Dist. 70 km.	00:43:03 12.2 18.8
	eP i eS i Dilatation from NE Dist. 40 km.	20:19:24.8 25.0 30.4 34.1		eP eS Compression Dist. 140 km.	18:51:40.5 57.6		eP eS Dist. 280 km.	01:58:26.4 57.8
	e(P) e(S)	22:02:06.7 40.4		eP eS Compression Dist. 50 km.	20:15:40.5 46.7		eP eS i Compression from SW? Dist. 130 km.	09:25:22.4 38.7 44.0
21	eP e(S)	05:39:34.7 40:01.7		eP eS Compression Dist. 50 km.	20:41:06.9 12.9		eP eS Dist. 330 km.	13:29:10.7 47.6
	iP iS Compression from ENE Dist. 370 km.	11:22:23.6 23:03.1		iP iS Compression from SE Dist. 50 km.	20:41:06.9 12.9		e(P) eS	15:03:24.4 42.3
	eP eS i Compression Dist. 180 km.	14:53:44 54:05.2 06.4	23	e(P) eS eSS e(R) Dist. about 31°	01:07:14 12:28 12:45 15:00		eP i eS i Compression from NE Dist. 90 km.	15:11:17.7 18.1 29.9 30.5

PROVISIONAL READINGS AT ANTOFAGASTA

Jan. 24 1966	eP 18:40:23 eS 49.6 Compression Dist. 230 km.	Jan. 26 1966	eP 00:45:29.2 eS 46:11.2 Compression Dist. 380 km.	Jan. 27 1966	eP 10:32:21.7 i 31.2 eS 54.2 i 57.8 Compression from NE Dist. 190 km.
	eP 21:09:06.5 i 08.7 eS 10:47 eR 11:24 Compression Dist. 9°		eP 01:08:41.0 i 41.4 Compression		e(P) 10:35:54 eS 36:11
	e(P) 21:44:57.2 eS 45:16.3		eP 03:52:24.9 eS 32.0 Compression Dist. 60 km.		eP 11:31:26.7 eS 32:12.2 Dist. 410 km.
	eP 22:07:55 i 55.4 eS 08:33.1 i 34.2 Compression from SW Dist. 340 km.		e(P) 04:56:09.4 eS 23.7		eP 14:33:16.5 i 17.6 eS 35.0 i 37.2 Compression from SE? Dist. 150 km.
	eP 22:34:55.2 eS 35:30.5 Compression from NW Dist. 310 km.		eP 07:06:59.7 Compression		eP 15:00:46.6 e(S) 01:28.1
25	eP 04:11:52.4 eS 12:05.1 i 17.5 Compression from SW Dist. 90 km.		iP 07:46:16.6 iS 28.4 Compression from SSE Dist. 100 km.		eP 16:00:59.8 eS 01:04.9 Compression Dist. 40 km.
	e(P) 05:25:37.3 eS 26:12.1		eP 11:41:20 i 20.8 eS 28.0 i 35.9 Compression from S Dist. 70 km.		eP 19:20:23.7 i 25.4 iS 54.0 Compression from SW Dist. 260 km.
	eP 12:04:05 eS 05:09 Dist. about 590 km.		e(P) 12:04:12.7 eS 28.9	28	eP 01:03:23.2 eS 55.3 Dist. 280 km.
	eS 12:57:09.2		eP 19:51:44.5 i 46.0 eS 52:01.8 i 07.6 Compression from NE Dist. 230 km.		eP 05:35:43
	eP 16:52:28.4 Local		eP 21:57:53.2 eS 58:13.4 i 14.2 Dilatation Dist. 160 km.		ePKP 06:00:36 ePP 01:26 eSKS 07:27 ePS 10:40 eSPP 11:41 eSS 16:00 eG 27:39 eR 33:18 Dist. about 111°
	eS 18:44:21.7		eP 23:56:02.1 eS 41.8 Compression Dist. 400 km.		e(P) 07:23:30.9 eS 59.4
	eP 20:18:50.9 eS 19:29.8 Compression Dist. 350 km.		27 e(P) 03:01:25.4 e 02:38.6 e 49.2 e(S) 58.0 Felt III at La Serena		eP 08:07:03.4 eS 12:40 e(G) 14:40 eSS 15:00 eR 16:37 Compression Dist. about 35°
	eP 20:33:23.4 eS 57.3 Dilatation Dist. 300 km.		e(P) 04:58:09.2 eS 38.9		e(P) 09:00:54.6 eS 01:23.5 i 32.2
	eP 22:54:35.2 i 41.4 eS 48.7 i 55:03.0 Dilatation from NE Dist. 100 km.		eS 05:21:14.5		ePKP 09:11:41.0 Compression
26	eP 00:36:10 eS 34.8 Compression Dist. 380 km.				

PROVISIONAL READINGS AT ANTOFAGASTA

Jan. 28 1966	e(P) eS Two Shocks?	09:54:57.4 56:05	Jan. 29 1966	eP eS i Compression Dist. 70 km.	15:24:36.6 44.8 49.6	Jan. 31 1966	eP i eS Compression from SE Dist. 410 km.	08:12:54.5 54.9 13:39.8
	iP iS Compression from SE Dist. 170 km.	11:25:02.1 22.9		eP eS Dilatation Dist. 330 km.	15:45:33.5 46:10.8		e(P) eS	11:03:26.6 04:03.2
	e(P) eS	11:58:57.4 59:35.5		eP eS Compression Dist. 320 km.	18:18:45.6 19:21.5		eP i iS Compression Dist. about 340 km.	14:02:47.2 47.6 03:25
	iP eS i Compression from ESE Dist. 330 km.	15:51:37.7 52:14.3 18.0		e(P) eS	18:27:34.3 29:14.5		e(P) Local	18:14:41
	eP eS Dist. 360 km.	16:18:51.8 19:31.5		eP	18:38:07.2		eP eS Compression Dist. 50 km.	19:51:27.2 33.6
	ePKP	23:00:38.4	30	e(P) eS	01:25:06.6 21.5	Feb. 01 1966	eP eS Dilatation Dist. 220 km.	01:56:21.1 47.4
29	e(P) Local	03:58:54.7		eP eS i Dilatation Dist. 300 km.	02:08:11.5 45.1 46.6		eP Compression	05:13:26.2
	eP eS Compression Dist. 350 km.	04:32:51.2 33:30.4		iP eS i Compression from E Dist. 130 km.	03:33:26.8 41.4 49.1		eP e(S)	05:39:50.3 40:35.9
	eP eS i Compression Dist. 520 km.	04:35:34.4 36:30.5 37.0		e(P) eS	05:07:30.1 08:10.2		eP eS Dilatation from SW Dist. 30 km.	09:20:38.4 43.2
	e(P) eS	06:57:14.1 58:01.8		e(P) eS	09:10:29.8 11:11.2		eP i iS Compression from SE Dist. 210 km.	10:01:32.7 35.4 57.7
	eP eS Dist. 300 km.	08:38:52.4 39:26.6		eP eS Compression Dist. 650 km.	10:45:36 46:45		eP e(S) i Compression	10:06:20.6 38.2 43.8
	eP eS i Dilatation Dist. 210 km.	10:15:23.4 48.3 48.8		eP eS Compression Dist. 320 km.	11:10:28.8 11:05.3		eP e(S)	11:41:03.9 23.8
	eP eS Dist. 330 km.	10:56:19.3 56.4		e(P) eS	11:19:55.1 20:03		e(P) eS	14:36:06.6 34.1
	eP eS Compression Dist. 140 km.	12:19:17.1 34.5		e(P) eS Compression Dist. 150 km.	16:31:11.7 30.2		e(P) eS	17:29:13.6 44.4
	iP iS Compression from N Dist. 50 km.	14:50:55.4 51:01.5	31	iP iS Compression	05:23:16.6 30.2		e(P) eS	17:32:13.2 24.7
							eS	19:07:58.4
							eP eS	21:33:45.7 34:20.4



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PROVISIONAL READINGS AT ANTOFAGA STA

Feb.01 eP	22:06:43.2	Feb.02 e(P)	00:04:36.5	Feb.02 eP	00:28:22.0
1966 eS	07:30.5	1966 e(S)	05:10.5	1966 i	22.7
				1966 iS	55.6
					Compression from SW
					Dist. 300 km.
					Compression from SE
					Dist. 440 km.

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb. 16 1966	eP 03:32:29.3	Feb. 18 1966	eP 07:13:16.9	Feb. 21 1966	eP 00:29:41.9
	ePP 36:45.8		iS 31.7		ePP 31:05.5
	eSKS 43:11.8		Small		eS 35:29.5
	eSP 45:54.3		Dist. 128 km.		eSS 38:11.5
	eSSP 51:56.8		e(P) 07:23:12.8		eR 39:11.0
	eR 04:07:(0.1)				Dist. 37.5°
	Dist. about 103°		eP 16:14:37.5		e(P) 00:35:37.2
	eP 10:18:29.5		e(S) 47		eP 15:05:40.7
	Distant shock		iP 19:05:21.8		iS 06:01.4
	eP 15:37:16.4		iS 37.9		Dist. 187 km.
	eS 46.4		Dist. 141 km.		e(P) 17:04:34.7
	Dist. 280 km.				Distant shock
	eP 19:18:10.7	19	eP 01:23:50.9		eP 23:13:(04)
	eS 41.1		iS 24:01.6		e(S) 15:11
	Small		Dist. 87 km.		
	Dist. 284 km.		eP 03:07:42.7	22	iP 00:24:37.6
	eP 21:38:06.9		e(S) 08:19.7		Dilatation
	eS 24.7		eP 05:19:13.5		Distant shock
	Small		eS 28.5		eP 01:59:17.3
	Dist. 158 km.		Dist. 130 km.		e 29
	eP 21:48:34.2		eP 06:45:42		Distant shock
	eS 51.4		e(S) 46:08.5		eP 04:17:54.1
	Dist. 152 km.		eP 10:53:07.8		eS 19:22.1
	iP 21:55:07.6		eS 55.2		Dist. 860 km.
	iS 10.2		Dist. 454 km.		eP 04:22:47.6
	Compression		eP 11:01:28.7		iS 23:05.1
	Local		eS 59		Dist. 155 km.
	eP 22:00:45.6		Dist. 283 km.		ePKP 05:21:35.1
	eS 01:16.9	20	eP 05:26:17.2		ePP 23:23.1
	Dist. 293 km.		eS 55.3		ePS 33:25.1
17	iP 00:32:03.3		Dist. 361 km.		eSS 40:10.1
	iS 18.3		eP 09:10:10.9		eQ 54:22.1
	Dilatation		e(S) 59.2		eR 06:01:33.6
	Dist. 130 km.		iP 09:29:26.2		Dist. 124°
	eP 00:57:(10)		iS 40.5		iP 05:39:40.1
	e(S) 52.7		PZ 0.32 u; 0.3 sec.		iS 52.0
	eP 01:35:12		Felt III at Santiago		Dilatation
	iS 21.9		Dilatation		Dist. 99 km.
	Dist. 79 km.		Dist. 123 km.		eP 08:01:38.6
	e(PKP) 12:06:50		e(P) 15:30:49.0		eS 02:03.6
	ePS 16:21		Distant shock?		Small
	ePSS 22:32		eP 16:11:40.9		Dist. 230 km.
	eSSS 26:07		eS 12:14.1		eP 08:18:36.1
	eG 32:26		Dist. 312 km.		iS 19:04.9
	eR 38:46		eP 23:22:29.7		Dist. 268 km.
	Dist. about 110°		iS 46.7		eP 13:09:31.2
	Depth about 100 km.		Dist. 150 km.		e(S) 11:22.7
18	eP 04:37:15.7				
	eS 42.7				
	Small				
	Dist. 250 km.				

PROVISIONAL READINGS AT PELDEHUE

Feb.22 1966 iP 14:25:04.2
iS 11.4
Compression
Small
Dist. 50 km.

Feb.22 1966 eP 14:53:42.2
eS 54:16.7
Dist, 325 km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Feb.15 1966 eP 04:47:31.8
e(S) 41
iP 17:51:43.8
iS 53.4
Dilatation
Dist. 76 km.

Feb.19 1966 eP 06:45:40.7
eS 46:(03.5)
Dist about 210 km.

Feb.22 1966 eP 01:59:15.5
e 27.0
Distant shock

17 eP 01:35:18
eS 29
Dist. 90 km.

20 e(P) 05:26:26.0
eS 27:12.2
iP 09:29:21.1
iS (38.7)
Dist. about 160 km.
Compression
Felt III at Santiago

eP 05:39:44
iS 57.8
Dist. 118 km.

18 e(P) 16:09:12.2
eP 19:05:28.6
eS 49.3
Dist. 187 km.

iP 20:43:25.9
iS 36.5
Dist. 86 km.

E. Lorca
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Feb.02 1966 eP 17:56:38.0
eS 57:14.3
Compression
Dist. 320 km.

Feb.03 1966 iP 06:07:50.6
e 08:04
Compression

Feb.04 1966 eP 01:26:50
eS 27:08.1
Dist. 150 km.

iP 19:01:20.1
eS 51.3
i 02:01.0
Compression
Dist. 270 km.

eP 07:23:10.0
e(S) 47.4
i 53.9
e(P) 16:47:29.9
eS 58.3

eP 04:13:21.7
eS 14:00.1
Dist. 340 km.

03 eP 00:48:00.2
iP 02.0
iS 28
Compression from SW
Dist. 250 km.

eP 17:13:09.1
e(S) 22.8
i 49.8
eP 17:40:08.2
eS 15.2
Compression from S
Dist. 60 km.

05 eP 14:59:29.5
eS 54
Dist. 210 km.

eP 00:59:18.5
eS 01:00:40
Compression
Dist. about 180 km.

eP 20:47:58.2
eS 48:33.3
Compression
Dist. 310 km.

eP 15:18:58.4
eS 19:13.6
Dist. 120 km.

eP 02:08:28
eS 10:56
eSS 11:11
e(R) 11:44
Compression

04 eP 00:49:40.7
eS 50:18.4
Compression
Dist. 340 km.

eP 15:32:45.4
eP 16:38:29.8
e 40.7

eP 18:34:48.3
eS 35:47.5
Dist. 540 km.

PROVISIONAL READINGS AT ANTOFAGASTA

Feb. 05 1966	iP 23:35:27.0 iS 36:32 i(R) 37:06 Dilatation from N Dist. 550 km.	Feb. 06 1966	e(P) 17:47:17 eS 49 e(P) 19:49:37.2 Local	Feb. 10 1966	iP 00:01:19.9 eS 26.3 i 30.7 Compression from NE Dist. 50 km.
06	e(P) 04:22:28.6 eS 46.3 eP 05:24:51.9 eS 25:14 Dist. 180 km. eP 05:39:48.1 eS 40:33.1 Dist. 410 km. e(P) 09:38:33.4 eS 57.4 eP 09:49:50.2 eS 50:04.0 Dist. 110 km. eP 10:17:13.5 i 14.7 eS 51.8 i 53.9 Compression Dist. 350 km.	07	eP 04:45:46.8 epPKP 49:20 eSS 05:07:46 ePSS 08:00 eG 21:22 eR 27:34 Dist. about 123° e(P) 05:08:55 eS 09:27.2 eS 06:04:03.4 e(P) 08:45:13.9 e 46:14 iP 15:00:20 iS 40 Compression from SE Dist. about 160 km. eP 18:54:09 e(S) 55 eP 23:26:11 Compression		eP 06:09:24 eS 39.4 Dist. about 120 km. eP 07:56:08.8 eS 48 Compression Dist. 360 km. eP 10:45:24 eS 46:42.1 i 45.3 Compression from S Dist. about 740 km.
	eP 12:10:41.1 i 41.6 eS 48.6 i 54.6 Compression from NE Dist. 60 km. eP 12:52:29 eS 53:08 Dist. about 350 km. eP 15:24:45.6 eS 25:21.6 Dist. 320 km.		No record from 01:00 Feb. 08 to 21:00 Feb. 09 - Due power failure		

Franulic
 Seismologist



IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEY OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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Departamento de Geofísica, Sismología
y Geodesia

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb.16 1966	eP ePP eSKS eSP eSSP eR Dist. about 103°	03:32:29.3 36:45.8 43:11.8 45:54.3 51:56.8 04:07:(0.1)	Feb.18 1966	eP iS Small Dist. 128 km.	07:13:16.9 31.7	Feb.21 1966	eP ePP eS eSS eR Dist. 37.5°	00:29:41.9 31:05.5 35:29.5 38:11.5 39:11.0
	eP Distant shock	10:18:29.5		e(P) eP e(S)	07:23:12.8 16:14:37.5 47		e(P)	00:35:37.2
	eP eS Dist. 280 km.	15:37:16.4 46.4		iP iS Dist. 141 km.	19:05:21.8 37.9		eP iS Dist. 187 km.	15:05:40.7 06:01.4
	eP eS Small Dist. 284 km.	19:18:10.7 41.1	19	eP iS Dist. 87 km.	01:23:50.9 24:01.6		e(P) Distant shock	17:04:34.7
	eP eS Small Dist. 158 km.	21:38:06.9 24.7		eP e(S)	03:07:42.7 08:19.7		eP e(S)	23:13:(04) 15:11
	eP eS Dist. 152 km.	21:48:34.2 51.4		eP e(S)	06:45:42 46:08.5	22	iP Dilatation Distant shock	00:24:37.6
	iP iS Compression Local	21:55:07.6 10.2		eP eS Dist. 454 km.	10:53:07.8 55.2		eP e Distant shock	01:59:17.3 29
	eP eS Dist. 293 km.	22:00:45.6 01:16.9		eP eS Dist. 283 km.	11:01:28.7 59		eP eS Dist. 860 km.	04:17:54.1 19:22.1
17	iP iS Dilatation Dist. 130 km.	00:32:03.3 18.3	20	eP eS Dist. 361 km.	05:26:17.2 55.3		eP iS Dist. 155 km.	04:22:47.6 23:05.1
	eP e(S)	00:57:(10) 52.7		eP e(S)	09:10:10.9 59.2		ePKP ePP ePS eSS eQ eR Dist. 124°	05:21:35.1 23:23.1 33:25.1 40:10.1 54:22.1 06:01:33.6
	eP iS Dist. 79 km.	01:35:12 21.9		iP iS PZ 0.32 u; 0.3 sec. Felt III at Santiago Dilatation Dist. 123 km.	09:29:26.2 40.5		iP iS Dilatation Dist. 99 km.	05:39:40.1 52.0
	e(PKP) ePS ePSS eSSS eG eR Dist. about 110° Depth about 100 km.	12:06:50 16:21 22:32 26:07 32:26 38:46		e(P) Distant shock?	15:30:49.0		eP eS Small Dist. 230 km.	08:01:38.6 02:03.6
	eP eS Dist. 250 km.	04:37:15.7 42.7		eP eS Dist. 312 km.	16:11:40.9 12:14.1		eP iS Dist. 268 km.	08:18:36.1 19:04.9
18	eP eS Small Dist. 250 km.	04:37:15.7 42.7		eP iS Dist. 150 km.	23:22:29.7 46.7		eP e(S)	13:09:31.2 11:22.7

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y Geodesia

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Santiago, Chile

PROVISIONAL READINGS AT PELDEHUE

Feb.22 1966	iP	14:43:04.2	Feb.22 1966	eP	14:53:42.2
	iS	11.4		eS	54:16.7
	Compression			Dist. 325 km.	
	Small				
	Dist. 50 km.				

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Feb.15 1966	eP	04:47:31.8	Feb.19 1966	eP	06:45:40.7	Feb.22 1966	eP	01:59:15.5
	e(S)	41		eS	46:(03.5)		e	27.0
	Dist. 76 km.			Dist. about 210 km.			Distant shock	
	iP	17:51:43.8	20	e(P)	05:26:26.0		eP	05:39:44
	iS	53.4		eS	27:12.2		iS	57.8
	Dilatation			Dist. about 160 km.			Dist. 118 km.	
	Dist. 76 km.			iP	09:29:21.1			
17	eP	01:35:18		iS	(38.7)			
	eS	29		Dist. about 160 km.				
	Dist. 90 km.			Compression				
18	e(P)	16:09:12.2		Felt III at Santiago			E. Lorca	
	eP	19:05:28.6		iP	20:43:25.9		Seismologist	
	eS	49.3		iS	36.5			
	Dist. 187 km.			Dist. 86 km.				

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Feb.02 1966	eP	17:56:38.0	Feb.03 1966	iP	06:07:50.6	Feb.04 1966	eP	01:26:50
	eS	57:14.3		e	08:04		eS	27:08.1
	Compression			Compression			Dist. 150 km.	
	Dist. 320 km.			eP	07:23:10.0		eP	04:13:21.7
	iP	19:01:20.1		e(S)	47.4		eS	14:00.1
	eS	51.3		i	53.9		Dist. 340 km.	
	i	02:01.0		e(P)	16:47:29.9		No record from 1	
	Compression			eS	58.3		Feb.04 to 13:00	
	Dist. 270 km.						05	
03	eP	00:48:00.2		eP	17:13:09.1	05	eP	14:59:29.5
	iP	02.0		e(S)	22.8		eS	54
	iS	28		i	49.8		Dist. 210 km.	
	Compression from SW			eP	17:40:08.2		eP	15:18:58.1
	Dist. 250 km.			eS	15.2		eS	19:13.6
	eP	00:59:18.5		Compression from S			Dist. 120 km.	
	eS	01:00:40		Dist. 60 km.				
	Compression			eP	20:47:58.2		eP	15:32:41.4
	Dist. about 180 km.			eS	48:33.3		eP	16:38:29.6
	eP	02:08:28		Compression			e	40.7
	eS	10:56		Dist. 310 km.				
	eSS	11:11		eP	00:49:40.7		eP	18:34:48.3
	e(R)	11:44	04	eS	50:18.4		eS	35:47.5
	Compression						Dist. 510 km.	

PROVISIONAL READINGS AT ANTOFAGASTA

Feb.05 1966	iP iS i(R) Dilatation from N Dist. 550 km.	23:35:27.0 36:32 37:06	Feb.06 1966	e(P) eS e(P) Local	17:47:17 49 19:49:37.2	Feb.10 1966	iP eS i Compression from NE Dist. 50 km.	00:01:19.9 26.3 30.7
06	e(P) eS eP eS Dist. 180 km.	04:22:28.6 46.3 05:24:51.9 25:14		e(P) eS eP eS i Compression Dist. 80 km.	20:27:10.5 28.1 21:33:57 34:07.3 08.3		eP eS Dist. about 120 km. eP eS Compression Dist. 360 km.	06:09:24 39.4
	eP eS Dist. 410 km.	05:39:48.1 40:33.1	07	eP epPKP eSS ePSS eG eR Dist. about 123°	04:45:46.8 49:20 05:07:46 08:00 21:22 27:34		eP eS i Compression from S Dist. about 740 km.	10:45:24 46:42.1 45.3
	e(P) eS eP eS Dist. 110 km.	09:38:33.4 57.4 09:49:50.2 50:04.0		e(P) eS eS e(P) e	05:08:55 09:27.2 06:04:03.4 08:45:13.9 46:14			
	eP i eS i Compression Dist. 350 km.	10:17:13.5 14.7 51.8 53.9		eP e(S) eP e(S)	05:08:55 09:27.2 18:54:09 55		Franulic Seismologist	
	eP i eS i Compression from NE Dist. 60 km.	12:10:41.1 41.6 48.6 54.6		eP e(S) eP Compression	15:00:20 40 Compression from SE Dist. about 160 km. 23:26:11			
	eP eS Dist. about 350 km.	12:52:29 53:08		No record from 01:00 Feb.08 to 21:00 Feb.09 - Due power failure				
	eP eS Dist. 320 km.	15:24:45.6 25:21.6						



IMPRESO ORDINARIO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY
INGLATERRA



08-25 2

Feb. 66

1.-

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Departamento de Geofísica y Geodesia

Casilla 27
Santiago, Chile

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PROVISIONAL READINGS AT PELDETERO

33° 08' 37" S 70° 41' 07" W h. 0.0

Feb. 23 1966	eP 00:50:32.8 eS 51:12 Dist. 370 km.	Feb. 24 1966	iP 18:36:02.8 iS 13.6 Dilatation Dist. 98 km.	Feb. 26 1966	iP 10:50:00.7 iS 27.4 Dist. 247 km.
	eP 01:55:45 i 45.5 eS 56:02.5 Dist. 155 km.		iP 18:51:30.5 iS 41.7 Small Compression Dist. 92 km.		eL 12:04:07 eP 12:13:00.0 iS 28.6 Dist. 266 km.
	eP 06:31:41 eS 56 Small Dist. 130 km.	25	eL 21:46:51 iP 01:58:24.7 iS 37.5 Dist. 108 km.		eP 17:38:30 eS 39:24 Dist. 520 km.
	iP 07:29:25.2 iS 41.2 Dilatation Dist. 140 km.		eP 02:49:48.5 eSS 53:39.5 eR 54:33.0 Dist. 19°		eP 18:54:01.5 e(S) 52
	eP 07:32:53 eS 33:20.2 Dist. 250 km.		eP 02:57:32.5 iS 43.5 Small Dist. 90 km.		eP 20:37:37.1 eS 38:14.5 Dist. 354 km.
	eP 10:38:22 iS 37.9 Dist. 140 km. e(P) 10:38:50 iS 39:05.8 Superimposed to former shock		eP 07:00:10.8 eS 01:(15.0) Dist. about 620 km.		iP 23:03:05.4 iS 11.8 Small Dilatation Dist. 44 km.
	iP 11:13:15.7 iS 26.2 Small Dist. 85 km.		iP 06:06:56.8 iS 07:19.7 Compression Dist. 209 km.	27	eP 00:39:36.5 Distant shock eP 00:58:26 eS 59:25.5 Dist. 575 km.
	iP 11:31:38.5 iS 50.8 Dist. 103 km.		FELT II AT SAN FERNANDO eP 09:29:38.9 iS 51.8 Small Dist. 109 km.		e(PKP) 02:56:27.7 eP 03:29:02.9 eS 19.3 Small Dist. 144 km.
24	eP 01:00:12.6 iS 27.0 Small Dist. 124 km.		eP 16:26:54.4 eS 27:34.8 Dist. 384 km.		eP 07:35:46.7 e(S) 37:19.5 e 52
	eP 03:19:06.2 eS 31.4 Small Dist. 232 km.		eP 18:51:27.6 iS 32.8 Dist. 32 km.		iP 09:45:09.8 iS 23.3 Compression from NE Dist. 115 km.
	eP 06:59:10.4 iS 26.0 Dist. 136 km.		eP 21:15:30.4 e 52.4 eS 16:22.4 Dist. 500 km.		eP 12:18:25.6 i 48.0 iS 19:01.2 Dist. 336 km.
	eP 09:56:02.1 e(S) 57:(30.8)		eP 23:03:56 eSKS 14:29 eSS 21:10 eR 32:57 Dist. 92.5°		eP 13:38:02.5 eS 18.6 Small Dist. 161 km.
	eP 11:51:09.2 eS 29.0 Dist. 178 km.	26	eP 08:03:35.2 Distant shock		

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2.-

PROVISIONAL READINGS AT PELDEHUE

Feb.27 1966	iP e iS Compression Dist. 135 km.	17:57:37.7 42 53.2	Feb.28 1966	eP e eS Dist. 589 km.	15:34:50.6 35:05.1 51.5	Mar.01 1966	eP iS Dist. 141 km.	07:19:11.9 28.0
	i(P) e Distant shock	20:44:26.4 54:56.3		iP iS Compression from WSW Local	16:00:44.6 47.4		eP iS Small Dist. 294 km.	08:52:09.5 40.9
	eP eS Dist. about 400 km.	21:51:31.7 52:23.7		eP e eS FELT IV AT COPIAPO Compression Dist. 890 km.	21:40:33.9 45 42:05		eP e Distant shock	08:55:58 09:09:20
28	eP eS Small Dist. about 75 km.	02:20:34.3 43.8		eP eS Compression Dist. 976 km.	22:45:27 47:06.6		eP iS Dist. 377 km.	10:02:51 03:30.7
	e(P) i Distant shock	02:21:38.9 48.1					eP e(pP) e(S) e(R)	12:24:07.8 17 26:(01) 12:27:01
	eP eS Small Local	05:11:21.3 24.8	Mar.01 1966	iP eS Dilatation from SSW Dist. 132 km.	02:45:11.3 26.5		eP iS Small Dist. 136 km.	14:08:40.9 56.5
	iP iS Compression Local	11:14:08.8 12.5		eP iS Small Dist. 125 km.	05:40:17.8 32.3		eP eS Small Dist. 109 km.	14:28:26.2 39.1

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" h 581 m

Feb.26 1966	eP eS Dist. 286 km.	12:13:05.7 36.3	Feb.27 1966	eP eS Dist. 116 km.	17:57:41.9 21:40:38.6	Mar.01 1966	iP iS Dist. 116 km.	16:17:39.7 53.3
27	eP eS Dist. 129 km.	09:45:12.2 27.1		FELT IV AT COPIAPO				
	eP eS Dist. 330 km.	12:18:32.5 19:08.8	Mar.01 1966	iP iS Dist. 98 km.	02:45:08.2 20.0			

E. Lorca
Seismologist

8-66

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 000

Feb. 23 eP 00:50:32.8
1966 eS 51:12
Dist. 370 km.

eP 01:55:45
i 45.5
eS 56:02.5
Dist. 155 km.

eP 06:31:41
eS 56
Small
Dist. 130 km.

iP 07:29:25.2
iS 41.2
Dilatation
Dist. 140 km.

eP 07:32:53
eS 33:20.2
Dist. 250 km.

eP 10:38:22
iS 37.9
Dist. 140 km.

e(P) 10:38:50
iS 39:05.8
Superimposed to
former shock

iP 11:13:15.7
iS 26.2
Small
Dist. 85 km.

iP 11:31:38.5
iS 50.8
Dist. 103 km.

24 eP 01:00:12.6
iS 27.0
Small
Dist. 124 km.

eP 03:19:06.2
eS 31.4
Small
Dist. 232 km.

eP 06:59:10.4
iS 26.0
Dist. 136 km.

eP 09:56:02.1
e(S) 57:(30.8)

eP 11:51:09.2
eS 29.0
Dist. 178 km.

Feb. 24 iP 18:36:02.8
1966 iS 13.6
Dilatation
Dist. 98 km.

iP 18:51:30.5
iS 41.7
Small

Compression
Dist. 92 km.

eL 21:46:51
25 iP 01:58:24.7
iS 37.5
Dist. 108 km.

eP 02:49:48.5
eSS 53:39.5
eR 54:33.0
Dist. 19°

eP 02:57:32.5
iS 43.5
Small
Dist. 90 km.

eP 07:00:10.8
eS 01:(15.0)
Dist. about 620 km.

iP 07:06:56.8
iS 07:19.7

Compression
Dist. 209 km.
FELT II AT SAN FERNANDO

eP 09:29:38.9
iS 51.8

Small
Dist. 109 km.

eP 16:26:54.4
eS 27:34.8
Dist. 384 km.

eP 18:51:27.6
iS 32.8
Dist. 32 km.

eP 21:15:30.4
e 52.4
eS 16:22.4
Dist. 500 km.

eP 23:03:56
eSKS 14:29
eSS 21:10
eR 32:57
Dist. 92.5°

26 eP 08:03:35.2
Distant shock

Feb. 26 iP 10:50:00.7
1966 iS 27.4
Dist. 247 km.

eL 12:04:07

eP 12:13:00.0
iS 28.6
Dist. 266 km.

eP 17:38:30
eS 39:24
Dist. 520 km.

eP 18:54:01.4
e(S) 52

eP 20:37:37.1
eS 38:14.5
Dist. 354 km.

iP 23:03:05.4
iS 11.8
Small

Dilatation
Dist. 44 km.

27 eP 00:39:36.5
Distant shock

eP 00:58:20
eS 59:05.5
Dist. 575 km.

e(PKP) 02:56:27.7

eP 03:29:02.9
eS 19.3
Small
Dist. 144 km.

eP 07:35:46.7
e(S) 37:19.5
e 52

iP 09:45:09.8
iS 23.3
Compression from NE
Dist. 115 km.

eP 12:18:25.6
i 28.0
iS 19:01.2
Dist. 336 km.

eP 13:38:02.5
eS 18.6
Small

Dist. 161 km.

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2.

PROVISIONAL READINGS AT PELDEHUE

Feb.27 1966	iP e iS Compression Dist. 135 km.	17:57:37.7 42 53.2	Feb.28 1966	eP e eS Dist. 589 km.	15:34:50.6 35:05.1 51.5	Mar.01 1966	eP iS Dist. 141 km.	07:19:11.9 28.0
	i(P) e Distant shock	20:44:26.4 54:56.3		iP iS Compression from WSW Local	16:00:44.6 47.4		eP iS Small Dist. 294 km.	08:52:09.5 40.9
	eP eS Dist. about 400 km.	21:51:31.7 52:23.7		eP e eS FELT IV AT COPIAPO Compression Dist. 890 km.	21:40:33.9 45 42:05		eP e Distant shock	08:55:58 09:09:20
28	eP eS Small Dist. about 75 km.	02:20:34.3 43.8		eP eS Compression Dist. 976 km.	22:45:27 47:06.6		eP iS Dist. 377 km.	10:02:51 03:30.7
	e(P) i Distant shock	02:21:38.9 48.1					eP e(S) e(R)	12:24:07.8 17 26:(01) 12:27:01
	eP eS Small Local	05:11:21.3 24.8	Mar.01 1966	iP eS Dilatation from SSW Dist. 132 km.	02:45:11.3 26.5		eP iS Small Dist. 136 km.	14:08:40.9 56.5
	iP iS Compression Local	11:14:08.8 12.5		eP iS Small Dist. 125 km.	05:40:17.8 32.3		eP eS Small Dist. 109 km.	14:28:26.2 39.1

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" h 581 m

Feb.26 1966	eP eS Dist. 286 km.	12:13:05.7 36.3	Feb.27 1966	eP 28 eP FELT IV AT COPIAPO	17:57:41.9 21:40:38.6	Mar.01 1966	iP iS Dist. 116 km.	16:17:39.7 53.3
27	eP eS Dist. 129 km.	09:45:12.2 27.1						
	eP eS Dist. 330 km.	12:18:32.5 19:08.8	Mar.01 1966	iP iS Dist. 98 km.	02:45:08.2 20.0			

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PROVISIONAL READINGS AT SOMBRE
 52° 46' 18" S 70° 24' 55" W h 80 m

Jan. 27 eP	13:21:41.4	Feb. 21 eP	00:27:48	Feb. 22 ePKP	05:21:09
1966 eS	22:04.5	1966 eS	32:18	1966 eSP	31:40
Dist. 210 km.		eS	34:24	eSS	38:00
		Dist. 26.5°		e(SSS)	47:40
				e(G)	49:10
				eR	56:00
		E. Lorca		Dist. 115°	
		Seismologist			

PROVISIONAL READINGS AT CONCEPCION
 36° 49' 41" S 73° 02' 42" W h 46 m

Feb. 18 eP	16:14:46	Feb. 22 eP	19:35:32	Feb. 25 eP	06:59:22
1966 eS	48.5	1966		1966	
Dist. 20 km.		24 eP	14:08:17		
		eS	23		
19 eP	17:29:18	Doubtful interpretation		A. Sickinger	
		Dist. 45 km.		Seismologist	

PROVISIONAL READINGS AT ANTOFAGASTA
 23° 42' 18" S 70° 24' 55" W h 80 m

Feb. 10 ePKP	14:40:48.8	Feb. 11 e(P)	14:36:29.9	Feb. 12 eP	09:10:39.8
1966 epPKP	41:00	1966 eS	57.4	1966 i	40.7
eSPP	57:35	eS	15:12.5	e(S)	58.2
eSS	15:04:17	e(P)	18:53:29.3	i	11:04.0
e(PSS)	05:00	e(S)	54:01.7	Compression from NE	
eG	22:00	e(P)	19:58:22.9	e(P)	16:40:20
e(R)	28:24	eS	47	e	50.4
Dist. about 145°		iP	22:03:59.7	e(S)	41:52.1
eP	15:01:27.5	iS	04:39.5	eP	19:48:40.6
eS	02:03.5	Compression		eS	49:21.1
Dist. 320 km.		Dist. 360 km.		Dist. 360 km.	
eP	16:46:33.9	eP	23:53:15.3	e(P)	20:07:18.2
eS	47:05.8	e(S)	33.3	eS	32.2
Dist. 280 km.		12 iP	03:35:15.1	13 eP	01:32:42
e(P)	18:06:21.3	e(S)	36:12.8	eS	33:17
eS	51.1	Compression from SW		Dist. 310 km.	
e(P)	20:05:43.1	eP	05:42:05.3	eP	01:59:26.5
eS	06:03.7	eS	41.1	eS	46.0
11 eS	03:42:19.8	Dist. 320 km.		Dist. 360 km.	
eP	04:15:48.7	eP	08:18:20.3	iP	05:17:36.1
e	56.9	i	20.6	Compression	
e(S)	16:06.6	eS	19:03.1	eP	09:49:36.2
eP	09:16:02.8	From NE		i	36.4
eS	10.4			eS	50:16.1
Dist. 60 km.				Compression from NE	
				Dist. 360 km.	

PROVISIONAL READINGS AS APPROXIMATE

Feb.13 1966	e(P) eS	11:30:49.8 31:08.1	Feb.16 1966	eP ePP eSKS eSSKS ePS eSPP eSS eSSP eG eR	03 32:53 37:27 43:29 44 46:49 48:00 52:52 53:15 04:03:10 08:32	Feb.17 1966	eP i e(S) i eS e(P) eS eS e(P) e(S)	14:11:45.8 46.3 12:10.2 13.9 19:49:24.2 22:48:39.3 49:03.4 23:03:17.3 23:46:53.5 47:23.3
	e(P) eS	16:28:50 29:09.5		Dist.about 109° From S.W.				
	eP eS	19:23:30.4 39.5		eP eS	03:58:23.7 59:01.7			No record from 13:00 Feb.17 to 13:00 Feb.18
	Dist. 70 km.			Dist. 340 km.				
	iP eS i	19:53:41.4 57:24.4 57:25.0		eP eS	05:41:35.0 42:10.6			18 eP i i
	Compression from E Dist. 390 km.			Dist. 320 km.				15:21:18.0 29.5 56.0
	iP eS i	21:33:25.4 34:11.0 12.8		e(S) eS	08:10:11.1 12:19.0			eP eS
	Compression from NE Dist. 420 km.			Dist. 360 km.				15:48:19.8 35.4
14	e(P) eS	00:24:40 25:01.0		eP iP e(S) i	10:25:27.4 25:29.0 51.7 54.3			Dist. 120 km.
	e(P) eS	02:16:30.1 51.2		Compression				eP eS
	eP e(S) i	16:37:25.5 39:27.6 29.1		eP eS	13:52:19.4 59.5			Dist. 50 km.
	eP e iS	17:08:24 10:03.6 10:11.2		Dist. 360 km.				eP e(S)
	Dist.about 980 km.			eS	14:57:43			18:51:29.0 52:09.7
15	e(P) i e(S)	01:47:28 32.9 48:18.6		e(P) eS	15:41:33.7 42:01.7			eP eS
	Dilatation			Dist. about 330 km.				20:20:13.5 20.7
	eP e(S)	03:28:54 29:32.0		eP eS	16:14:17 * 54.5			Dist. 60 km.
	eS	06:46:17.9		iP e e(S) i	22:23:51.6 24:10.1 25.1 26.3			e(P) e eS
	iP iS	06:49:11.3 50.4		Dist. about 330 km.				21:26:39 54.1 27:03.8
	Compression from SE Dist. 360 km.			eP eS i	23:45:03.4 39.4 42.8			19 eS
	eP e(S) i	09:42:52 43:28.5 33.2		Dist. 320 km.				00:03:49.5
	e(P) e(S) i	19:14:00 29 35	17	eP e(S) i	02:44:05.5 39.5 44.7			eP eS
	eP eS	23:17:33.6 18:18.3		Dist. 420 km.				00:06:44.3 58.3
	Dist. 410 km.			e(P) eS	03:50:03.3 38.5			Dist. 110 km.
				Dist. 420 km.				eP i eS i
				eP eS	09:58:13.2 58.9			02:48:59 49:01.5 26.5 30.0
				Dist. 420 km.				Compression from SW Dist. 240 km.
				eP eS	05:13:26.2 33.3			eP eS
				Dist. 50 km.				07:09:53.2 10:38.9
				e(P) eS	07:09:53.2 10:38.9			Dist. 420 km.
				Dist. 50 km.				eP eS
				eP eS	08:01:16.2 22.6			Dist. 50 km.

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1.

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Mar.01 1966	eP 15:49:37 eS 50:07.5 Dist. 285 Km iP 16:17:42.5 iS 59.0 Dilatation from SSE? Dist. 145 Km. eP 16:37:08.4 iS 26.5 Dist. 160 Km. e(P) 23:15:56 Distant shock?	Mar.05 1966	eP 00:11:38 e 15:05 Distant shock eP 02:15:10 iS 32 Dist. 200 Km iP 18:31:24 iS 43 Dist. 170 Km Dilatation from N iP 18:39:58.5 iS 40:18 Dilatation from NE Dist. 175 Km eP 23:42:17 eS 37 Small Dist. 180 Km	Mar.07 1966	eP 01:26:46.7 eS 27:05 Dist. 160 Km Small eP 01:39:07.1 iS 24.7 Dist. 155 Km eP 01:59:35 eS 46 Dist. 90 Km iP 02:07:40.8 iS 58.5 Compression Dist. 160 Km iP 02:27:48.5 iS 28:06.9 Compression from NW Dist. 160 Km iP 03:01:45.0 iS 02:00.5 Dilatation from NW Dist. 135 Km eP 03:44:11.5 Distant shock? iP 11:36:37.7 iS 37:07.3 Compression Dist. 275 Km
02	eP 03:59:(22) e 38 eS 49 Dist. about 250 Km eP 05:59:51.5 Distant shock eP 21:07:01 eS 17.5 Dist. 145 Km	06	ePKP 02:35:51 ePP 39:54 eSKKS 46:51 ePPS 53:06 eSS 59:33 Dist. 155° eP 07:10:07 eS 35 Dist. 260 Km eP 12:38:36 eS 39:06 Dist. 280 Km iP 16:19:59.5 iS 20:22 Dilatation Dist. 205 Km eP 17:57:32.5 eS 55 Dist. 205 Km Small eP 23:36:00.3 eS 18.2 Dist. 160 Km		
03	eP 00:11:41.5 iS 58.9 Dist. 155 Km eP 03:44:55 Distant shock eP 05:33:29 eS 52 Dist. 210 Km eP 11:17:57 iS 18:17.5 Dist. 185 Km eP 11:56:03 eS 12 Dist. 70 Km eP 20:27:37.5 eS 28:03.5 Dist. 240 Km				
04	eP 01:28:10.3 eS 56 Dist. 437 Km eP 23:48:04 iS 17 Dist. 110 Km	07	eP 01:05:51.3 eS 06:09.5 Dist. 160 Km		
		08	eP 23:37:23.5 eS 41.5 Dist. 160 Km		

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar.05 eP 18:31:27	Mar.07 eP 01:39:10.5	Mar.07 iP 03:01:47.9
1966 e(S) 45	1966 e(S) 32	1966 e(S) 02:06
		Dilatation
eP 18:40:02	eP 02:07:(36)	iP 11:36:34.3
eS 25	e(S) 08:06	eS 37:02
Dist. 210 Km	eP 02:27:53.2	Dist. 260 Km.
	iS 28:14.5	E. Lorca
06 eP 16:19:55.4	Dist. 190 Km	Seismologist
eS 20 17.3		
Dist. 200 Km		

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Feb.28 eP 21:44:28.7	
1966 e 53	
eS 49:20	
eR 52:40	
Compression	E. Lorca
Dist. about 28°	Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Feb.28 eP 15:33:56.5	Feb.28 eP 21:41:44	Mar.07 eP 11:37:15
1966 eS 34:15	1966 Distant shock	1966 Small
Dist. 150 Km		
	Mar.06 eP 16:20:26	A. Sickinger
	Small	Seismologist

PROVISIONAL READINGS AT SOPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Jan.02 eP 02:46:04	Jan.15 eP 05:10:16	Feb.01 eP 01:55:44
1966 e 18	1966 eS 58	1966 eS 56:01
	Dist. 400 Km	Dist. 200 Km
eP 11:17:02	eP 20:31:(14)	02 eP 13:40:04.7
eS 24	e 32:25	eS 11.3
Dist. 200 Km	eS 51	Dist. 46 Km.
	Dist. about 955 Km	
eP 23:47:55	19 eP 18:12:51	03 eP 00:48:47
eS 48:07.3	eS 13:04.8	eS 49:44
Dist. 103 Km	Dist. 118 Km	Dist. 550 Km
05 eS 00:27:42	Small	
		eP 02:07:(38)
09 eP 23:53:40	21 eP 21:37:24	eS 08:53
eS 54:11.5	eS 48.7	Dist. about 730 Km
Dist. 295 Km	Dist. 227 Km	
		05 eP 23:36:35.5
14 eP 20:59:34	23 eP 23:20:(50)	e 37:40.5
eS 52	Doubtful interpretation	eS 38:11
Dist. 160 Km		Dist. 9°
Small		

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PROVISIONAL READINGS AT SOMBRERO
52° 46' 18" S 70° 24' 55" W h 80 m

Jan. 27 eP 1966 eS Dist. 210 km.	13:21:41.4 22:04.5	Feb. 21 eP 1966 eS eS Dist. 26.5°	00:27:48 32:18 34:24	Feb. 22 ePKP 1966 eSP eSS e(SSS) e(G) eR Dist. 115°	05:21:09 31:40 38:00 47:40 49:10 56:00
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E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION
36° 49' 41" S 73° 02' 42" W h 46 m

Feb. 18 eP 1966 eS Dist. 20 km.	16:14:46 48.5	Feb. 22 eP 1966 24 eP eS Doubtful interpretation Dist. 45 km.	19:35:32 14:08:17 23	Feb. 25 eP 1966	06:59:22
19 eP	17:29:18				

A. Sickinger
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m

Feb. 10 ePKP 1966 epPKP eSPP eSS e(PSS) eG e(R) Dist. about 145°	14:40:48.8 41:00 57:35 15:04:17 05:00 22:00 28:24	Feb. 11 e(P) 1966 eS eS e(P) e(S) e(P) eS iP iS Compression Dist. 360 km. eP e(S) 12 iP e(S) Compression from SW eP eS Dist. 320 km. eP i eS From NE	14:36:29.9 57.4 15:12:12.5 18:53:29.3 54:01.7 19:58:22.9 47 22:03:59.7 04:39.5 23:53:15.3 33.3 03:35:15.1 36:12.8 05:42:05.3 41.1 08:18:20.3 20.6 19:03.1	Feb. 12 eP 1966 i e(S) i Compression from NE e(P) e e(S) eP eS Dist. 360 km. e(P) eS 13 eP eS Dist. 310 km. eP eS Dist. 360 km. iP Compression eP i eS Compression from NE Dist. 360 km.	09:10:39.8 40.7 58.2 11:04.0 16:40:20 50.4 41:52.1 19:48:40.6 49:21.1 20:07:18.2 32.2 01:32:42 33:17 01:59:26.5 46.0 05:17:36.1 09:49:36.2 36.4 50:16.1
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PROVISIONAL READINGS AT ANTOFAGASTA

Feb.13 1966	e(P) eS	11:30:49.8 31:08.1	Feb.16 1966	eP ePP eSKS eSSKS ePS eSPP eSS eSSP eG eR	03 32:53 37:27 43:29 44 46:49 48:00 52:52 53:15 04:03:10 08:32	Feb.17 1966	eP i e(S) i eS e(P) eS eS e(P) e(S)	14:11:45.8 46.3 12:10.2 13.9 19:49:24.2 22:48:39.3 49:03.4 23:03:17.3 23:46:53.5 47:23.3
	e(P) eS	16:28:50 29:09.5		Dist.about 109° From S.W.				
	eP eS	19:23:30.4 39.5		eP eS	03:58:23.7 59:01.7			No record from 13:00 Feb.17 to 13:00 Feb.18
	Dist. 70 km.			Dist. 340 km.				
	iP eS i	19:53:41.4 57:24.4 57:25.0		eP eS	05:41:35.0 42:10.6			
	Compression from E			Dist. 320 km.				
	Dist. 390 km.			eS	07:59:35.3			
	iP eS i	21:33:25.4 34:11.0 12.8		e(S) eS	08:10:11.1 12:19.0			18 eP i i
	Compression from NE							15:21:18.0 29.5 56.0
	Dist. 420 km.							
14	e(P) eS	00:24:40 25:01.0		eP iP e(S) i	10:25:27.4 25:29.0 51.7 54.3			eP eS
	e(P) eS	02:16:30.1 51.2		Compression				15:48:19.8 35.4
	eP e(S) i	16:37:25.5 39:27.6 29.1		eP eS	13:52:19.4 59.5			Dist. 120 km.
	eP	17:08:24		Dist. 360 km.				eP eS
	e iS	10:03.6 10:11.2		eS	14:57:43			18:51:29.0 52:09.7
	Dist.about 980 km.							eP eS
15	e(P) i e(S)	01:47:28 32.9 48:18.6		e(P) eS	15:41:33.7 42:01.7			20:20:13.5 20.7
	Dilatation							Dist. 60 km.
	eP e(S)	03:28:54 29:32.0		eP eS	16:14:17 54.5			e(P) e eS
	eS	06:46:17.9		Dist.about 330 km.				21:26:39 54.1 27:03.8
	iP iS	06:49:11.3 50.4		iP e e(S) i	22:23:51.6 24:10.1 25.1 26.3			19 eS
	Compression from SE			eP eS i	23:45:03.4 39.4 42.8			00:03:49.5
	Dist. 360 km.			Dist. 320 km.				
	eP e(S) i	09:42:52 43:28.5 33.2						eP eS
	e(P) e(S) i	19:14:00 29 35		17 eP e(S) i	02:44:05.5 39.5 44.7			00:06:44.3 58.3
	eP eS	23:17:33.6 18:18.3						Dist. 110 km.
	Dist. 410 km.			e(P) eS	03:50:03.3 38.5			eP i eS i
				Dist. 420 km.				02:48:59 49:01.5 26.5 30.0
								Compression from SW
								Dist. 240 km.
								eP eS
								05:13:26.2 33.0
								Dist. 50 km.
								eP eS
								07:09:53.2 10:38.9
								Dist. 420 km.
								eP eS
								08:01:16.2 22.6
								Dist. 50 km.

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PROVISIONAL READINGS AT COPIAPO

Feb.08 eP 21:01:44.5 1966 eS 02:(02.5) Dist. about 160 Km	Feb.20 eP 09:09:43.5 1966 eS 10:(06) Dist. about 205 Km Small	Feb.27 eP 07:31:(25) 1966 eS 32:15.8 Dist. about 488 Km
14 eP 17:07:38.5 eS 08:28 Dist. 475 Km	22 eP 04:16:37 eS 57 Dist. 180 Km	eP 20:47:31 eS 46 Dist. 130 Km
19 eP 02:39:40.5 eS 51 Dist. 85 Km Small	24 eP 09:54:35 e(S) 55 (07)	28 iP 21:39:18 iS 35 Dist. 150 Km
eP 10:52:37 eS 53 Dist. 140 Km Small	26 eP 18:53:27 Local	iP 22:44:10.5 eS 28 Dist. 155 Km

H. Becker
 Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Feb.19 eP 10:53:37.6 1966 e(S) 54:41.1 e(S) 11:13:22 e(P) 11:33:28.6 eS 52.8 eP 14:38:55.9 i 56.2 eS 39:37.5 Dist. 370 Km Compression eS 15:07:16.2 e(P) 18:47:52.6 eS 48:20 eS 20:29:23.9 eS 21:26:05.6 e(P) 23:33:02.5 e(S) 28	Feb.20 eS 15:01:03.5 1966 e(S) 15:29:05 e(S) 20:33:52 eP 23:22:26.5 eS 36.4 Dist. 80 Km 21 eP 09:30:43.8 ePP 32:32 e(PcS) 36:17 eS 37:16 eSS 40:27 eG 54 eR 43:43 PZ 5.8 u; T 10 sec. Dist. 45° Mag. about 6.4 Compression from SE? e(P) 00:36:44.3 e(P) 04:36:43.8 eS 37:06.3 e(P) 16:34:23 eS 43.2 e(P) 16:37:39 e(S) 59.9 e(P) 18:01:12.8 e 14.8 eS 33.7 i 38.8	Feb.21 eP 19:18:21.7 1966 eS 19:02.0 Dist. 370 Km eP 20:57:38.4 eS 48.9 Dist. 90 Km eP 23:11:40 i 59.1 e(S) 13:10.4 Doubtful interpretation 22 eP 04:16:56 i 17:01.1 e(S) 21.9 i 34.2 eP 04:45:35.3 eS 46:05.2 i 06.6 Dist. 260 Km ePKP 05:21:46.6 ePP 23:58 eSKP 25:08.7 i 29.5 eSKKS 30:56 e 39:35 eSS 41:48 eSSS 45:22 eG 55:28 eR 06:03:08 Dist. about 130° eP 06:12:56.5 eS 13:43.7 Dist. 440 Km
20 e(S) 05:29:11 e(P) 08:18:32.2 e 19:04.5 e(S) 23.0 i 34.0 eP 09:10:27.5 e(S) 11:26.1 eP 10:04:22.3 eS 05:01.6 i 10.3 Dist. 340 Km		

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PROVISIONAL READINGS AT ANTOFAGASTA

Feb. 22 1966	e(P) e(S)	07:18:07.3 53.9	Feb. 24 1966	eS	18:45:11	Feb. 26 1966	eP eS	15:30:30.5 50
	eS	08:35:46.9		eSS	21:36:52		Dist. about 160 Km	
	eP e(S)	09:14:14.7 40.7		eSS eG eR	40.5 43.6 48.5		eP eS	17:20:43 21:02.7
	eP eS	10:44:07.2 43.7		Dist. about 90°			Dist. about 170 Km	
	Dist. 320 Km			eP eS	23:53:40.5 54:16.6		eP eS	18:33:48.9 34:11.2
				Dist. 320 Km			Dist. 190 Km	
	iP i(S)	13:07:50.8 08:07	25	eP eS	01:22:45.6 23:03.9		eS	18:55:02.9
	Compression from SW			Compression			eP iS	21:01:59.1 02:27.4
	eP eS	18:52:25.1 33.5		Dist. 150 Km			Dilatation from NE	
	Dilatation			e(P) e	02:50:25 35		Dist. 250 Km	
	Dist. 70 Km			e(S) e(SP)	54:45 55:10		eP eS	21:15:53.9 16:55.1
	eP Local	20:07:47.4		eSS eR	56.0 56.6		Dist. 590 Km	
				From SW		27	eP eS	00:17:31.9 46.4
	iP i	21:33:45.4 51.8		eP eS	13:41:48.2 42:29.7		Dist. 120 Km	
	Compression from NNE			Dist. 380 Km			e(P) e(S)	00:53:56.4 54:28.4
	Dist. 50 Km			eP e(S)	14:01:58.8 02:40.5		e(P) eS	01:30:20.1 50.9
23	iP iS	03:22:24.7 37.5		e(P)	14:30:28		eP eS	03:00:10.5 39.4
	Compression from N			eSKS eS	23:14:23 15:32		Dist. 260 Km	
	Dist. 110 Km			ePS eSS	16:36 22:00		eP eS	03:02:00.6 45.1
	eP eS	05:57:21.1 58:04.2		eG eR	29:00 33:51		Dist. 420 Km	
	Dilatation from E			Dist. about 92°			e(P) eS	05:17:40.5 18:04.4
	Dist. 400 Km			From SW			e(P) eS	06:01:06.3 02:46.1
	eP eS	13:31:35.5 32:03.0		e(P) eS	23:40:35.7 54.4		iP iS	07:33:39.0 34:00.0
	Dist. 230 Km			Dist. 320 Km			Compression from NE	
	iP Local	15:30:56.8		eP i eS	05:05:21.6 22.9 42.7		Dist. 180 Km	
	eP eS	18:12:22.4 13:54.7	26	i i	47.3			
	i(R)	57.5		Compression from NE?				
	Dilatation			Dist. 170 Km				
	Dist. 280 Km			iP iS	09:25:49.8 55.0			
24	eP i(S)	05:36:51.6 37:46		Compression				
	eP i	09:54:25.3 26.7		Dist. 50 Km				
	i(S)	42.5						
	Dilatation							

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Mar.01 1966	eP 15:49:37 eS 50:07.5 Dist. 285 Km iP 16:17:42.5 iS 59.0 Dilatation from SSE? Dist. 145 Km. eP 16:37:08.4 iS 26.5 Dist. 160 Km. e(P) 23:15:56 Distant shock?	Mar.05 1966	eP 00:11:38 e 15:05 Distant shock eP 02:15:10 iS 32 Dist. 200 Km iP 18:31:24 iS 43 Dist. 170 Km Dilatation from N iP 18:39:58.5 iS 40:18 Dilatation from NE Dist. 175 Km eP 23:42:17 eS 37 Small Dist. 180 Km	Mar.07 1966	eP 01:26:46.7 eS 27:05 Dist. 160 Km Small eP 01:39:07.1 iS 24.7 Dist. 155 Km eP 01:59:35 eS 46 Dist. 90 Km iP 02:07:40.8 iS 58.5 Compression Dist. 160 Km iP 02:27:48.5 iS 28:06.9 Compression from NW Dist. 160 Km iP 03:01:45.0 iS 02:00.5 Dilatation from NW Dist. 135 Km eP 03:44:11.5 Distant shock? iP 11:36:37.7 iS 37:07.3 Compression Dist. 275 Km
02	eP 03:59:(22) e 38 eS 49 Dist. about 250 Km eP 05:59:51.5 Distant shock eP 21:07:01 eS 17.5 Dist. 145 Km	06	ePKP 02:35:51 ePP 39:54 eSKKS 46:51 ePPS 53:06 eSS 59:38 Dist. 155° eP 07:10:07 eS 35 Dist. 260 Km eP 12:38:36 eS 39:06 Dist. 280 Km iP 16:19:59.5 iS 20:22 Dilatation Dist. 205 Km eP 17:57:32.5 eS 55 Dist. 205 Km Small eP 23:36:00.3 eS 18.2 Dist. 160 Km		
03	eP 00:11:41.5 iS 58.9 Dist. 155 Km eP 03:44:55 Distant shock eP 05:33:29 eS 52 Dist. 210 Km eP 11:17:57 iS 18:17.5 Dist. 185 Km eP 11:56:03 eS 12 Dist. 70 Km eP 20:27:37.5 eS 28:03.5 Dist. 240 Km				
04	eP 01:28:10.3 eS 56 Dist. 437 Km eP 23:48:04 iS 17 Dist. 110 Km	06	eP 23:37:23.5 eS 41.5 Dist. 160 Km		
		07	eP 01:05:51.3 eS 06:09:5 Dist. 160 Km		

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar.05 eP 18:31:27	Mar.07 eP 01:39:10.5	Mar.07 iP 03:01:47.9
1966 e(S) 45	1966 e(S) 32	1966 e(S) 02:06
		Dilatation
eP 18:40:02	eP 02:07:(36)	iP 11:36:34.3
eS 25	e(S) 08:06	eS 37:02
Dist. 210 Km		Dist. 260 Km.
06 eP 16:19:55.4	eP 02:27:53.2	E. Lorca
eS 20 17.3	iS 28:14.5	Seismologist
Dist. 200 Km	Dist. 190 Km	

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Feb.28 eP 21:44:28.7
1966 e 53
eS 49:20
eR 52:40
Compression
Dist. about 28°

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Feb.28 eP 15:33:56.5	Feb.28 eP 21:41:44	Mar.07 eP 11:37:15
1966 eS 34:15	1966 Distant shock	1966 Small
Dist. 150 Km		
	Mar.06 eP 16:20:26	A. Sickinger
	Small	Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Jan.02 eP 02:46:04	Jan.15 eP 05:10:16	Feb.01 eP 01:55:44
1966 e 18	1966 eS 58	1966 eS 56:01
	Dist. 400 Km	Dist. 200 Km
eP 11:17:02	eP 20:31:(14)	02 eP 13:40:04.7
eS 24	e 32:25	eS 11.3
Dist. 200 Km	eS 51	Dist. 46 Km.
eP 23:47:55	Dist. about 955 Km	
eS 48:07.3		
Dist. 103 Km		
05 eS 00:27:42	19 eP 18:12:51	03 eP 00:48:47
	eS 13:04.8	eS 49:44
	Dist. 118 Km	Dist. 550 Km
	Small	
09 eP 23:53:40	21 eP 21:37:24	eP 02:07:(38)
eS 54:11.5	eS 48.7	eS 08:53
Dist. 295 Km	Dist. 227 Km	Dist. about 730 Km
14 eP 20:59:34	23 eP 23:20:(50)	05 eP 23:36:35.5
eS 52	Doubtful interpretation	e 37:40.5
Dist. 160 Km		eS 38:11
Small		Dist. 9°

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PROVISIONAL READINGS AT COPIAPO

Feb.08 eP 21:01:44.5	Feb.20 eP 09:09:43.5	Feb.27 eP 07:31:(25)
1966 eS 02:(02.5)	1966 eS 10:(06)	1966 eS 32:15.8
Dist. about 160 Km	Dist. about 205 Km	Dist. about 488 Km
	Small	
14 eP 17:07:38.5	22 eP 04:16:37	eP 20:47:31
eS 08:28	eS 57	eS 46
Dist. 475 Km	Dist. 180 Km	Dist. 130 Km
19 eP 02:39:40.5	24 eP 09:54:35	28 iP 21:39:18
eS 51	e(S) 55 (07)	iS 35
Dist. 85 Km		Dist. 150 Km
Small		
eP 10:52:37	26 eP 18:53:27	iP 22:44:10.5
eS 53	Local	eS 28
Dist. 140 Km		Dist. 155 Km
Small		

H. Becker
 Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Feb.19 eP 10:53:37.6	Feb.20 eS 15:01:03.5	Feb.21 eP 19:18:21.7
1966 e(S) 54:41.1	1966 e(S) 15:29:05	1966 eS 19:02.0
		Dist. 370 Km
e(S) 11:13:22	e(S) 20:33:52	eP 20:57:38.4
e(P) 11:33:28.6	eP 23:22:26.5	eS 48.9
eS 52.8	eS 36.4	Dist. 90 Km
eP 14:38:55.9	Dist. 80 Km	eP 23:11:40
i 56.2	21 eP 00:30:43.8	i 59.1
eS 39:37.5	ePP 32:32	e(S) 13:10.4
Dist. 370 Km	e(PcS) 36:17	Doubtful interpretation
Compression	eS 37:16	
eS 15:07:16.2	eSS 40:27	22 eP 04:16:56
e(P) 18:47:52.6	eG 54	i 17:01.1
eS 48:20	eR 43:43	e(S) 21.9
eS 20:29:23.9	PZ 5.8 u; T 10 sec.	i 34.2
eS 21:26:05.6	Dist. 45°	eP 04:45:35.3
e(P) 23:33:02.5	Mag. about 6.4	eS 46:05.2
e(S) 28	Compression from SE?	i 06.6
20 e(S) 05:29:11	e(P) 00:36:44.3	Dist. 260 Km
e(P) 08:18:32.2	e(P) 04:36:43.8	ePKP 05:21:46.6
e 19:04.5	eS 37:06.3	ePP 23:58
e(S) 23.0	e(P) 16:34:23	eSKP 25:08.7
i 34.0	eS 43.2	i 29.5
eP 09:10:27.5	e(P) 16:37:39	eSKKS 30:56
e(S) 11:26.1	e(S) 59.9	e 39:35
eP 10:04:22.3	e(P) 18:01:12.8	eSS 41:48
eS 05:01.6	e 14.8	eSSS 45:22
i 10.3	eS 33.7	eG 55:28
Dist. 340 Km	i 38.8	eR 06:03:08
		Dist. about 130°
		eP 06:12:56.5
		eS 13:43.7
		Dist. 440 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Feb. 22 1966	e(P) e(S)	07:18:07.3 53.9	Feb. 24 1966	eS	18:45:11	Feb. 26 1966	eP eS	15:30:30.5 50
	eS	08:35:46.9		eSS	21:36:52		Dist. about 160 Km	
	eP e(S)	09:14:14.7 40.7		eSS	40.5		eP	17:20:43
	eP eS	10:44:07.2 43.7		eG	43.6		eS	21:02.7
	Dist. 320 Km			eR	48.5		Dist. about 170 Km	
	iP i(S)	13:07:50.8 08:07		Dist. about 90°			eP	18:33:48.9
	Compression from SW			eP	23:53:40.5		eS	34:11.2
	eP eS	18:52:25.1 33.5		Dist. 320 Km			Dist. 190 Km	
	Dilatation		25	eP	01:22:45.6		eS	18:55:02.9
	Dist. 70 Km			eS	23:03.9		Dist. about 160 Km	
	eP Local	20:07:47.4		Compression			eP	21:01:59.1
	iP i	21:33:45.4 51.8		Dist. 150 Km			iS	02:27.4
	Compression from NNE			e(P)	02:50:25		Dilatation from NEE	
	Dist. 50 Km			e	35		Dist. 250 Km	
23	iP iS	03:22:24.7 37.5		e(S)	54:45		eP	21:15:53.9
	Compression from N			e(SP)	55:10		eS	16:55.1
	Dist. 110 Km			eSS	56.0		Dist. 590 Km	
	eP eS	05:57:21.1 58:04.2		eR	56.6			
	Dilatation from E			From SW			27	eP
	Dist. 400 Km			eP	13:41:48.2		eS	00:17:31.9
	eP eS	13:31:35.5 32:03.0		eS	42:29.7		Dist. 120 Km	
	Dist. 230 Km			Dist. 380 Km			e(P)	00:53:56.4
	iP Local	15:30:56.8		e(P)	14:01:58.8		e(S)	54:28.4
	eP eS	18:12:22.4 13:54.7		e(S)	02:40.5		e(P)	01:30:20.1
	i(R)	57.5		e(P)	14:30:28		eS	50.9
	Dilatation			eSKS	23:14:23		eP	03:00:10.5
	Dist. 280 Km			eS	15:32		eS	39.4
24	eP i(S)	05:36:51.6 37:46		ePS	16:36		Dist. 260 Km	
	eP i	09:54:25.3 26.7		eSS	22:00		eP	03:02:00.6
	i(S)	42.5		eG	29:00		eS	45.1
	Dilatation			eR	33:51		Dist. 420 Km	
				Dist. about 92°			e(P)	05:17:40.5
				From SW			eS	18:04.4
				e(P)	23:40:35.7		e(P)	06:01:06.3
				eS	54.4		eS	02:46.1
			26	eP	00:06:45.1		iP	07:33:39.0
				eS	07:20.7		iS	34:00.0
				Dist. 320 Km			Compression from NE	
				eP	05:05:21.6		Dist. 180 Km	
				i	22.9			
				eS	42.7			
				i	47.3			
				Compression from NE?				
				Dist. 170 Km				
				iP	09:25:49.8			
				iS	55.0			
				Compression				
				Dist. 50 Km				

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ADDRESS ADMINISTRATION

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INTERNATIONAL SEISMOLOGICAL SUMMARY
Kew Observatory
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CHILE
Mar. '66

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PROVISIONAL READINGS AT PELDEIUE

33° 08' 37" S 70° 41' 07" W h 690 m

Mar.07 1966	eP 17:05:13 eS 36.4 Small Dist. 215 Km	Mar.09 1966	eP 03:10:13.8 e 20 iS 32.4 Dist. 165 Km	Mar.11 1966	eP 09:32:56 ePP 33:03.5 i 36.8 iS 34:52.4 Dist. 11°
	eP 21:47:36		iP 04:57:19.2 eS 35.0 Small Dist. 150 Km		eP 23:28:10 e(S) 29:07.2
	ePKP 21:49:27 e 22:16:08		eP 08:57:26.4 Distant shock	12	iP 06:59:30 Dilatation from NE
08	iP 02:33:34 eS 34:02 Compression from NE Dist. 260 Km		iP 15:09:15.9 eS 31.8 Dist. 140 Km		iP 08:02:13.9 Compression from NE
	eP 05:34:52.5 eS 35:07 Dist. 125 Km		iP 18:30:25.5 i 35.5 iS 54.0 Compression from N? Dist. 265 Km		iP 08:05:17 iS 39 Dist. 200 Km
	ePKP 06:00:39 Distant shock		10		iP 08:10:59.6 iS 11:25 Compression from SW Dist. 235 Km
	iP 06:19:41.5 Distant shock		eP 01:00:10.3 iS 27.0 Dist. 150 Km Small		iP 14:20:22.4 i(S) 42.3
	eP 12:38:51.2 Distant shock		iP 01:12:20.2 iS 37.2 Dilatation Dist. 150 Km		ePKP 16:51:23 Big shock, no more readable phases
	eP 20:49:13.8 i 15.4 e(PP) 21.8 e(S) 51:09 e 37.5 e(R) 59 FELT V AT COPIAPO III AT ANTOFAGASTA		eP 03:13:37.2 eS 14:02 Dist. 230 Km		iP 18:27:05.2 Compression from SW?
	eP 21:29:04.4 iS 10.2 Small local Dist. 40 Km		e(P) 04:45:41 Distant shock?		iP 18:31:08.2
	eP 22:48:50.4 e 59.6 eS 49:26.0 Dist. 335 Km		eP 09:41:40 eS 42:22 Dist. 400 Km		eP 21:11:02.7 eS 35.5 Dist. 310 Km
09	e(P) 00:13:47.8 eS 14:14.8 Small		eP 11:59:51.2 eS 12:00:47 Dist. 540 Km		eP 22:00:51.3 eS 01:16.7 Dist. 235 Km
	e(P) 01:28:09 eS 23.8 Small		e(P) 13:01:25.9	13	eP 06:01:18 eS 28 Dist. 80 Km
			eP 19:22:49 i 56.9 iS 23:28.2 Dist. 370 Km		eP 06:29:07.4 eS 34 Dist. 245 Km
		11	eP 01:51:45 ipP 51.9 eS 54:45 Dist. 16°		eP 08:26:50.5 e(S) 28:53.5 e(R) 29:27
					eP 14:52:00.5 eS 30 Dist. 275 Km

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PROVISIONAL READINGS AT PELDEHUE

Mar.13 1966	eP eS Dist. 280 Km	15:52:27 57	Mar.13 1966	eP eS Dist. 580 Km	19:32:53 33:23	Mar.13 1966	eP iS Dist. 230 Km	21:51:30.5 55.5
	eP eS Dist. 265 Km	17:02:10 38.5		eP eS Dist. 280 Km	21:46:27 57		eP iS Dist. 205 Km	22:57:16 38.5
	eP eS Dist. 47°	18:06:42 13:30						

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar.08 1966	iP eS Dist. 275 Km	02:33:37.5 34:07	Mar.12 1966	iP eS Compression Dist. 200 Km.	08:02:11 33.2	Mar.12 1966	iP e(S)	18:31:02.5 28
	eP eS Dist. 95 Km	05:34:49.5 35:01		eP e(S)	08:05:11.5 36		eP	22:00:48.6
	ePKP Distant shock	06:00:40		iP iS Compression Dist. 215 Km	08:10:56.9 11:20.5		eP Distant shock	18:06:43
	eP Distant shock	06:19:41		iP e(S) Compression Small	14:20:19.3 43		eP e(S)	21:51:27.9 30.5
09	eP e(S)	18:30:29.5 31:06		ePKP	16:51:27.5		eP e(S)	03:47:07.5 16
10	eP e(S)	01:12:23 44.5		iP iS Compression Dist. 385 Km	18:27:02.6 42		eP	05:30:06.5
12	iP i(S) Dilatation	06:59:31.3 48.3						

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PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Mar.06 1966	ePKP	02:35:43	Mar.08 1966	eR	00:56:05	Mar.08 1966	iP ipP i e(R)	20:52:35.7 52:43.8 53:01.4 21:00:(??)
07	e(PKP) e e e(G) eR	22:01:10 19:05 21:15 48:10 52:45		eG eR	01:55:(00) 59:30			
				eG eR	06:42:(05) 48:25			

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Mar.06 eP 1966 Small	16:20:26	Mar.09 eP 1966 eS	09:34:08 13	Mar.12 eP 1966 Small	07:01:33
		Dist. 40 Km		eP	08:02:46
07 eP Small	11:37:15	eP	10:25:34	eP	08:11:31
				eP	16:21:14

A. Sickinger
 Seismologist

PROVISIONAL READINGS AT BASE PEDRO AGUIRRE CERDA

62° 52' S 60° 40' W

Feb.25 iP 07:08:16.8
 Cdte. Stange
 Seismologist

PROVISIONAL READINGS AT BASE O'HIGGINS

63° 19' S 57° 54' W

Mar.12 ePKP 16:55:00
 1966 e 56:12
 Capitán López
 Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Feb.27 eP 1966 eS i Dist. 390 Km	11:26:06.6 49.1 52.8	Feb.28 e(P) 1966 eS	00:55:40 56:02.8	Feb.28 iP 1966 iS	21:39:27.7 53.9
		eP eS Dist. 300 Km	01:02:21.0 55.3	Compression from SE Dist. 220 Km FELT IV AT COPIAPO	
eP eS i Dist. 220 Km	11:35:36.6 36:03.4 06.9	eP i Dist. 230 Km	02:21:32.4 35.3	iP iS Dilatation from SE? Dist. about 210 Km	22:44:21.4 46
e(P) e(S)	12:19:50.4 21:21	eP eS i Dist. 230 Km	05:13:57.1 14:24.3 30.8	Mar.01 eP eS Dist. 160 Km	04:13:34.9 53.9
e(P) eS	14:25:31.8 26:00	eP eS i Dist. 120 Km	05:26:01.1 15.7 18.5	eP eS Dist. 310 Km	04:51:28.4 52:03.7
eP eS Dist. 210 Km	15:53:04.5 30.0	eP eS i Dist. 430 Km	16:09:43.7 10:29.2	eP i eS i Dist. 180 Km	04:24:41.0 42.9 25:02 9 06.0
eP eS Dist. 100 Km	17:45:47.8 46:00.1	eP eS Dist. 130 Km	19:56:08.9 26.0	eP eS Dist. 200 Km	08:44:52.7 45:17.3
e(P) e(S)	21:51:31.4 52:24				

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PROVISIONAL READINGS AT AUTOPAGASTA

Mar.01 1966	eP 12:19:42.9 eS 59 i 20:02.8 Dist. about 130 Km	Mar.03 1966	eP 15:47:12.2 eS 50.3 Dist. 340 Km	Mar.05 1966	eP 18:41:36.3 eS 43:10 Dist. 290 Km
	iP 12:22:27.6 iS 52 Dist. about 210 Km		eP 23:39:41.9 eS 40:14.6 Dist. 280 Km		e(P) 18:48.2 eS 49:50.1
	eP 12:30:56.4 eS 31:01.0 Dist. 50 Km	04	eP 10:40:56.1 eS 41:35.0 Dist. 350 Km		eS 19:29:16.6
	eP 12:48:15.2 eS 47.5 Dist. 280 Km		eP 11:11:53.0 eS 12:30.2 Dist. 330 Km	06	ePKF 02:35:43 epPKF 54 ePP 39:34 eSPP 52:41 eSS 59:09 eSSS 03:04:50 eG 19:00 eR 25:46 Dist. about 152°
	e(P) 21:29:42.4 eS 30:20.4		e(P) 11:16:51.4 e(S) 17:15.0 i 43.2		eP 07:57:20.1 eS 58:05.0 Dist. 420 Km
	eP 22:17:19.4 eS 25.4 Dist. 60 Km		e(P) 11:21:18.6 e(S) 22:09.7		eP 17:39:41.0 eS 40:42.3 Dist. 600 Km
02	eP 01:34:47.2 eS 35:10.8 Dist. 200 Km		eP 17:59:17.3 Local		eP 21:45:33.4 eS 46:09.0 i 10.9 Compression from SE Dist. 330 Km
	eP 05:58:00.5 eS 59:05.8 i 09.0 Dist. 630 Km		eS 19:11:27.1		
	eP 06:59:08.6 eS 13.0 Dist. 40 Km		eP 19:18:22.4 eS 50.2 Dist. 240 Km		
	eP 07:44:38.6		eP 21:20:39.8 eS 21:07.8 Dist. 240 Km	07	eP 00:02:48.0 eS 03:26.6 Dist. 350 Km
	e(P) 08:58:24.3 eS 59:04.1	05	eP 22:07:27.8		eP 01:15:59.3 e(S) 16:22.7 i 26.3
	e(P) 10:37:41.6 e(S) 38:49.5		eP 06:27:17.1 eS 41.3 Dist. 210 Km		eP 05:37:02 eS 07.7 Dist. 50 Km
	eP 15:13:24.8 e(S) 43.2 i 47.0		eP 13:33:11.2 eS 36.8 Dist. 220 Km		eP 06:58:31.3 e(S) 50
	eP 23:43:58 eS 44:20.7 Dist. about 190 Km		iP 13:49:55 iS 50:13.9 Compression from ESE Dist. 160 Km		eP 09:29:34.7 eS 30:22.7 Dist. 450 Km
03	eP 13:29:37.6 eS 54.9 Dist. 140 Km		iP 14:46:46.0 iS 47:21.0 Compression from E Dist. 310 Km		

Y. Franulic
Seismologist

CHILE

Mar. '66

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PROVISIONAL READINGS AT PELDENUE

Mar.14 1966	eP eS Dist. 115 Km	03:47:10 23.5	33° 08' 37" S	70° 41' 07" W	h 690 m
	eP e(S)	05:30:05.8 29.5			
	eP eS Small Dist. 300 Km	09:27:15 47			
	eP iS Dist. 70 Km	17:23:33.2 42.0			
	eP eS Dist. 195 Km Small	18:04:50.5 05:12			
	eP eS Small. Dist. 95 Km	18:52:15.5 27			
15	eP eS Small Dist. 295 Km	01:23:20.6 52			
16	iP iS Dilatation Dist. 195 Km	00:12:12.4 34.0			
	eP eS Dist. 420 Km	01:52:14 58			
	eP e eS Dist. 290 Km	06:42:48 43:11 19			
	iP iS Compression Dist. 110 Km	09:09:37.6 50.4			
17	eP Distant shock	04:16:59			
	iP iS Compression Small Dist. 80 Km	05:15:22 32			
	eP eS Dist. 215 Km	09:17:13.5 37			
Mar.17 1966	eP ePP iPPP eS eScS eSS Dist. 57° Depth about 100 Km	16:02:41.4 04:53 06:29 10:15 12:15 14:19			
	eP eS Dist. 510 Km	18:50:40 51:33			
	iP iS Compression from NNW Dist. 95 Km	21:21:30.8 42.5			
18	eP eS Dist. 325 Km	11:52:47.5 53:22			
	eP eS Dist. 325 Km	16:18:39.5 19:14			
	eP iS Small Dist. 125 Km	17:12:23 37.5			
19	eP iS Dist. 240 Km	01:51:08 33.8			
	eP iS Dist. 225 Km	04:30:38 31:02.5			
	eP eS Small Dist. 245 Km	12:31:18.5 45			
	eP eS Dist. 470 Km	17:11:29 12:18			
	eP Distant shock	17:27:17.5			
	No time control from 18:55 to 18:31 20-III-66				
Mar.20 1966	eP eS Small Dist. 125 Km	19:20:29 43.5			
	eP eS Small Dist. 150 Km	23:07:25.3 42.3			
21	eP iS Small Dist. 130 Km	05:07:50 08:05.0			
	eP eS Dist. 310 Km	08:14:31 15:04.2			
	eP e(S)	13:29:(02) 31:16			
	iP iS PZ 0.54 u; 0.4 sec. Dilatation from N Dist. 140 Km	15:07:07.5 23.5			

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar.16 eP 06:42:45.7
1966 e(S) 43:09

iP 09:09:37.8
iS 50.8
Compression
Dist. 110 Km

Mar.17 eP 09:17:15
1966 eS 37.5
Dist. 205 Km
iP 21:21:34.3
iS 48.4
Compression
Dist. 121 Km

Mar.19 eP 04:30:33.5
1966 iS 53.4
Dist. 180 Km

21 iP 15:07:11.7
iS 31.4
Dilatation
Dist. 175 Km

17 eP 05:15:22
iS 31.7
Dist. 77 Km

H. Becker
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Mar.12 ePKP 16:51:08
1966 iPP 54:57
ePPP 58:21
eSKKS 17:01:38
iSKSP 04:59
iSPP 07:50
eSS 13:41
eSSP 14:40
iSSS 19:31
eG 32:25
iR 40:00
Compression
Dist. about 150°

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Mar.08 eP 21:48:13.5
1966 eS 49:16
eR 43
Dist. 605 Km

Mar.11 eP 01:14:44.5
1966 eS 58
Dist. 115 Km

e(P) 01:51:49
e 52:19

Mar.11 eP 09:31:42.5
1966 eS 32:25.5
Dist. 310 Km

09 eP 16:03:22.5
eS 45
Dist. 205 Km

12 ePKP 16:51:31
eSKKS 17:03:08
eSS 17:09
eSSS 24:12.5
Dist. 167.5°

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Mar.12 ePKP 16:51:(23)
1966
eP 18:27:13
eS 47
Dist. 320 Km

Mar.12 eP 18:31:39
1966 eS (54.5)
Dist. about 135 Km

H. Becker
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 30 m

Mar.07 1966	eS 16:40:37.5	Mar.08 1966	eP 19:52:12	Mar.10 1966	eP 20:18:15
	eP 18:23:36.3		eS 20		eS 50.5
	eS 57.7		Dist. about 80 Km		i 52.5
	i 59.8		iP 20:47:08.8		Dist. 310 Km
	Dist. 180 Km		iS 37.5		eP 21:53:43.5
	eP 21:45:30.9		Dist. 250 Km		eS 54:30.2
	i 32.0		FELT III AT ANTOFAGASTA		i 32.3
	iS 37.9		eS 22:21:44		Dist. 440 Km
	Compression			11	e(P) 01:15:06.2
	Dist. 60 Km	09	eP 02:57:33.2		e(S) 34
	ePKP 21:50:09		eS 58:10.3		i 50
	e 46		Dist. 330 Km		eP 01:49:37.5
	ePP 54:09		iP 05:25:35.4		i 39.5
	eSPP 22:07:53		iS 42.8		iS 50:27
	eSS 14:40		Dist. 70 Km		Compression
	eSSS 20:53		Dilatation from SSE		Dist. 470 Km
	eG 36.6		e(P) 05:51:37		iP 09:31:03.0
	eR 45.5		e(S) 52:10		iS 16.0
	Dist. 167°		eP 09:07:56.2		Compression from SE
	Doubtful interpretation		eS 08:33.7		Dist. 100 Km
08	eP 02:34:41.1		Dist. 340 Km		eP 19:11:32
	Local		eS 11:45:54.3		eS 52.5
	ePKP 06:00:55		eP 23:33:25.2		i 59.4
	epPKP 01:02				Dist. 170 Km
	eSKK 11:46	10	e(P) 04:18:12		eP 23:27:45.6
	eSPP 18:00		e(S) 43.5		eS 28:34.0
	eSS 24:55		iP 04:57:47.5		Dist. 460 Km
	ePSS 25:56		eS 58:32.0	12	eP 07:00:32.4
	eSS 30.5		i 33.5		iS 02:02.2
	eG 45.1		Dilatation from NE		Dist. 260 Km
	eR 52.5		Dist. 410 Km		eS 08:15:39.4
	Dist. about 156°		eP 05:16:50.2		iP 09:15:18.6
	eP 08:09:23.0		eS 17:08.5		iS 45:46.7
	eS 10:01.8		i 22.2		Compression from ESE
	Dist. 350 Km		Dist. 150 Km		Dist. 240 Km
	eP 08:21:45.1		No time marks from		eP 12:59:03.1
	eS 22:24.2		05:30 to 14:00		eS 38.0
	Dist. 350 Km		eP 17:20:13.9		i 39.3
	eP 09:05:06.9		eS 19.2		Dist. 310 Km
	eS 41.5		Dist. 50 Km		ePKP 16:51:25.3
	i 45.6		eP 17:32:55		epPKP 33
	Dist. 300 Km		eS 33:50		ePKS 54:58
	eP 11:04:55		Dist. about 530 Km		ePP 56:34
	eS 05:07				eSKS 58:26
	Dist. about 90 Km				Dist. about 170°
	eP 12:17:09				
	eS 42.7				
	i 47.8				
	Dist. 290 Km				

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.12 eP 18:29:07	Mar.15 e(P) 02:23:41	Mar.17 eP 01:28:11.8
1966 e(S) 30:24	1966 e(S) 24:30.0	1966 i 15.3
		iS 39.1
13 iP 04:05:03.8	eP 03:47:42.5	Dist. 240 Km
iS 19.8	eS 48:45.3	
Dist. 130 Km	Dist. 600 Km	eP 07:36:39.3
Compression from SE		eS 37:18.9
	eP 07:56:21	Dist. 360 Km
iP 08:24:30.3	eS 43.6	
iS 53	Dist. about 180 Km	e(P) 08:02:37.6
Dist. about 110 Km		eS 03:13
	eP 09:51:26	e(P) 10:08:19
eP 10:04:58.4	eS 55.5	eS 09:03
eS 05:33.0	Dist. about 250 Km	
Dist. 300 Km		eP 11:00:06.2
	eP 13:26:43.0	i(S) 01:05
eP 12:48:26.2	eS 47.0	
eS 49:05.7	Dist. 40 Km	eP 17:53:30.7
Dist. 360 Km		eS 54.2
	eP 13:53:26.8	Dist. 190 Km
eP 21:58:59.9	e(S) 58.0	
eS 59:32.2		iP 20:11:23.5
i 37.8	16 eP 00:26:25.9	iS 36
Dist. 280 Km	i 26.8	Compression from SW
	iS 50.3	Dist. about 100 Km
	Compression	
14 eP 01:29:39.3	Dist. 200 Km	
eS 53.9		18 eP 10:42:55
Dist. 110 Km	e(P) 01:17:57.8	eS 43:29.7
	eS 18:15.6	Dist. about 310 Km
e(P) 03:45:35		
eS 46:05.3	eP 02:36:14.4	eP 19:48:28
	eS 39.1	eS 48.9
eS 05:24:21.2	Dist. 210 Km	Dist. about 170 Km
eP 11:33:22	e(P) 07:42:11	
eS 38.3	eS 56.5	Y. Franulic
i 41.5		Seismologist
Dist. 130 Km	eS 16:21:29.9	
eP 17:08:15.9	eS 16:32:47.5	
eS 37.5		
Dist. 180 Km		
	eP 22:02:20.6	
eP 20:27:14.6	eS 27.7	
eS 53.2	Dist. 70 Km	
Dist. 350 Km		
eP 21:22:38		
eS 45.5		
i 56.7		
Dist. about 70 Km		
eP 21:59:33.4		
eS 52.2		
Dist. 250 Km		

STAMPED CANCELS



79 MAR -5 7/4

SANTIAGO
29 MAR 1974
CHILE

COLOQUE
ESTAMPILLA
SUPERIOR

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO

Chile MARCH 1966

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Mar. 22 1966	eP 08:39:42.7 eSS 51:50 eSP 53:36 eR 09:15:56 Dist. about 110°	Mar. 24 1966	eP 05:33:20.7 eS 37 Dist. 145 Km	Mar. 26 1966	eP 19:21:08 iS 22.8 Dist. 130 Km
	eP 08:45:07 ePP 48:43 e(PPP) 51:58 e(SKS) 52:43 eSP 59:20 eSSS 09:13:14.5 eG 25:46 eR 33:35 Superimposed to former shock Doubtful interpretation		eP 05:41:48.5 eS 42:36.8 Dist. 465 Km	27	eP 01:33:19.5 iS 34:01 Dist. 395 Km
			eP 12:42:20.2 eS 31.5 Dist. 95 Km		eP 05:16:20.4 iS 38.7 Dist. 165 Km
			iP 14:34:22.5 eS 38.7 Dilatation Dist. 140 Km.		eP 05:52:58 Distant shock
23	eP 00:24:35 e 25:32 Distant shock		eP 21:04:25 iS 35.9 Dist. 90 Km		eP 14:53:53 e(S) 57:24
	eP 03:25:42.5 eS 26:46 Dist. 615 Km	25	eP 13:03:54.5 Distant shock		eP 15:44:34.5 iS 45:00.7 Dist. 240 Km
	iP 04:12:55.7 iS 14:15 iR 56 Compression from S Dist. 780 Km FELT III AT VALDIVIA		eP 14:19:29.5 Distant shock.		eP 17:54:17 iS 38 Dist. 190 Km
	e(P) 04:37:06.5 iS 38:01.6	26	eP 02:51:07.7 iS 37.3 Dist. 275 Km		
	eP 06:31:07.6 e(S) 32:32		iP 06:02:40.6 iS 57.3 Dilatation from NNW PZ 0.65 u; 0.4 sec. Dist. 150 Km FELT III AT PEDEGUA		
	iP 16:03:21.5 iS 24 Nearby explosion?		iP 15:06:00.2 iS 10.3 Dist. 80 Km		
	eP 19:49:19.7 eS 38.5 Compression Dist. 170 Km		eP 16:11:08 eS 33 Small Dist. 230 Km		
	eP 20:00:34 eS 53 Dist. 170 Km				

E Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar. 23 eP 03:25:39
1966 e(S) 27:09

eP 04:12:52.3
eS 14:10
Dist. 760 Km
FELT III AT VALDIVIA
eP 15:17:36.1
e(S) 48

Mar. 23 eP 19:49:23.5
1966 eS 47
Dist. 215 Km

24 eP 14:34:20.6
e(S) 34

26 eP 06:02:44.5
iS 03:00.4
Dist. 140 Km

Mar. 26 iP 15:05:56.2
1966 iS 06:03.8
Dilatation
Dist. 60 Km

27 eP 01:33:15.6
e(S) 48.8

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Mar. 14 eP 00:57:03
1966 eS 20.5
Dist. 155 Km

Mar. 20 eP 01:56:20
1966 ePP 02:00:14
eS 07:42
eSS 14:13
eG 23:--
Dist. 96°

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Mar. 19 eP 17:10:54
1966 eS 11:00
Dist. 40 Km

Mar. 23 eP 04:12:(00)
1966 iS 26
Dist. about 240 Km

eP 04:35:43
eS 36:04.5
Dist. 195 Km

Mar. 24 eP 05:41:33
1966
27 eP 01:33:00
eS 26
Dist. 235 Km

20 eP 09:00:46
eS 54
Dist. 60 Km

21 eP 16:12:48
eS 55
Dist. 50 Km

23 eP 03:24:50
eS 25:13
Dist. 210 Km

A. Sickinger
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar. 18 1966	eP 20:09:33 iS 51.5 Dist. about 150 Km	Mar. 20 1966	eP 02:16:54.4 eS 17:07.8 Dist. 100 Km	Mar. 21 1966	eP 11:55:15 eS 55.1 Dist. about 360 Km
19	eP 01:25:43 eS 26:28.6 iP 06:23:33.5 eS 24:12.1 i 13.6 Dilatation from SE Dist. 350 Km iP 11:12:33.4 iS 13:12.0 Compression from ESE Dist. 350 Km iP 21:42:01.7 iS 49.9 Compression from E Dist. 450 Km eP 23:53:49.9 eS 54:17.4 Dist. 230 Km		iP 04:14:46.8 iS 15:12.1 Compression from E Dist. 210 Km eP 12:31:25.2 eS 32:05.6 Dist. 360 Km eP 19:08:19.8 iS 31.5 Dist. 90 Km		iP 12:22:42.2 iS 23:09.0 Compression from SE Dist. 230 Km iP 13:26:58.0 iS 27:33.4 Compression from NE Dist. 310 Km eP 15:08:50 e(S) 10:27 eP 17:03:36.7 eS 50.0 Dist. 100 Km eP 19:32:22.4 eS 53.2 Dist. 210 Km
20	eP 01:56:37.9 e 46.6 ePP 02:00:36 eSKS 07:36 eS 08:23 eSS 15:15 eG 23:42 eR 30:10 Dist. about 102°		21 eS 00:03:27.5 eP 02:10:22.1 iS 40 Dist. about 150 Km eP 02:41:44 eS 58.2 Dist. about 110 Km eS 06:54:34.9		

Y. Franulic
 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO



CHILE
MAR. '66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Mar. 28 1966	eP 07:07:50.5 eS 08:19.5 Dist. 270 Km.	Mar. 30 1966	eP 17:46:(36) e(S) 48:42 eP 17:51:36 iS 54.5 Dist. 165 Km	Apr. 01 1966	eP 21:12:00.6 iS 23.5 Dist. 210 Km eP 22:09:(41) e(S) 10:36
	No time control from 15:43 to 16:18			02	eP 02:02:09.8 Distant shock eP 03:56:14.8 iS 30.4 Dist. 135 Km
	eP 17:40:58.5 eS 56:-- Distant shock e(P) 19:04:31		eP 22:15:54 iS 16:04.3 Small Dist. 85 Km.		eP 05:46:05 e(S) 47:00 eP 10:52:33.5 eS 53:(23) Dist. about 480 Km
29	eP 02:37:17.4 Distant shock iP 02:37:22.2 e 48 Distant shock eP 08:50:02.5 iS 20.1 Small Dist. 155 Km e(F) 11:12:08 e(S) 14:30 eP 14:43:20.7 eS 53.2 Dist. 305 Km eP 20:20:19 iS 30.7 Dist. 100 Km eP 21:48:19 iS 34.5 Dist. 145 Km	31	iP 01:24:11.0 iS 33.0 Dilatation from ENE Dist. 200 Km eP 05:28:30.5 eS 51 Small Dist. 185 Km eP 12:42:07.8 eS 29.5 Small Dist. 195 Km eP 15:35:26.4 eS 48.7 Dist. 205 Km Small eP 19:37:11.7 eS 21.5 Dist. 80 Km eP 19:44:00.5 eS 08 Dilatation Dist. 55 Km eP 23:57:20.3 Dilatation Distant shock		iP 20:59:55.9 iS 21:00:08.8 Dilatation Dist. 110 Km iP 21:11:27.6 iS 45.5 Dilatation from NNE Dist. 160 Km 03 eP 05:03:34 Distant shock iP 06:12:20.6 iS 32.5 Small Dist. 100 Km eP 14:23:59.6 i 24:08.5 iS 25:12.6 Dist. 710 Km eP 14:49:31.5 e(S) 51:00 eP 22:25:37 iS 26:20.5 Dist. 415 Km
30	eP 02:01:07.5 e 12 eS 41.5 Dist. 320 Km eP 03:29:30.5 eS 30:01 Dist. 285 Km eP 04:54:31.8 iS 55:12.0 EPIAF IV AT LA SERENA Dist. 380 Km iP 13:12:16.5 iS 38.5 Dilatation Dist. 200 Km iP 14:07:39.2 iS 51.9 Dilatation Dist. 110 Km	Apr. 01 1966	eP 01:28:14 e(S) 29:49.5 eP 02:20:42.4 eS 21:04.7 Dist. 205 Km eP 03:06:39.5 Distant shock iP 03:42:29.5 eS 49:49 eG 54:13 eR 57:04 Compression Dist. 51.2° iP 12:59:07 eS 22.5 Dist. 135 Km Dilatation from NE		04 iP 13:04:21.1 iS 35.0 Dilatation Dist. 120 Km E. Lopez Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Mar. 29 eP 02:37:21.8
1966 Distant shock

Mar. 30 eP 14:07:41.7
1966 e(S) 58.6

Apr. 02 iP 21:11:31.6
1966 iS 51.5

eP 02:37:28.6
Distant shock

Apr. 01 iP 12:59:08.3
1966 iS 25.1

Dist. 180 Km

30 eP 04:54:36.8
FELT AT LA SERENA

Dist. 150 Km
Dilatation

03 eP 14:23:56
e(S) 25:05

eP 13:12:13
iS 33.5
Dist. 185 Km.

02 eP 20:59:55.6
eS 21:00:08.5
Dist. 110 Km

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Mar. 22 ePKP₁ 08:39:40
1966 ePKP₂ 40:37
ePP 44:19
ePSP 57:56
ePSS 09:06:04
e(SSS) 11:26

Mar. 23 e(P) 04:16:12
1966 eL 19:49
FELT III AT VALDIVIA

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Mar. 29 eP 13:12:52
1966 eS 56.5
Dist. 25 Km.

Mar. 30 eP 13:11:54
1966 eS 12:08.5
Dist. 130 Km

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Mar. 28 eP 22:10:21
1966 eS 31
Dist. 80 Km

Mar. 30 eP 01:12:01
1966 eS 12
Dist. 90 Km.

Mar. 30 eP 14:49:58
1966 eS 50:07
Dist. 70 Km

29 eP 09:38:33
eS 47
Dist. 110 Km

eS 02:04:25
eP 04:54:19
e 39

Apr. 01 eP 01:27:00
1966 eS 12
Dist. 95 Km

FELT IV AT LA SERENA

L Cabello
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar. 22 1966	eP 00:43:09.4 eS 37.9 Dist. 250 Km	Mar. 22 1966	eS 21:37:16.9	Mar. 24 1966	iP 08:09:19.5 iS 25.3 Dist. 60 Km Dilatation from SW
	e(P) 03:07:01.9 e(S) 37.4	23	ePKP 00:24:38.4 ePP 29:35 eSKSP 39:54 eSPP 43:20 eSS 50:30 eSSS 56.2 eG 01:11:06 Dist. about 166°		eP 11:13:36.3 eS 14:13.1 Dist. 330 Km
	eP 05:18:05.6 eS 32.5 Dist. 240 Km		e(P) 04:14:58.9 e 15:09.6 eS 17:57 e(R) 18:48		iP 12:49:57.1 iS 50:36.0 Dist. 350 Km Compression from SE
	eP 05:25:14.8 eS 41.7 Dist. 240 Km.		eP 05:07:30 eS 08:08.3 Dist. about 340 Km	25	eP 17:20:25.5 eS 21:23.2
	ePKP ₁ 08:39:42.8 iPKP ₂ 40:39.8 ePP ₂ 44:14.5 ePPP 48:11 eSKKS 51:16 eSKSP 55:13 eSS 09:04:56 eSSS 11.2 eG 26 eR 36.5 Dist. about 165° Doubtful interpretation		e(P) 06:16:43 eS 17:15.7		eP 00:27:39.5 eS 45.6 Dist. 60 Km
	eP 13:52:30.5 eS 53:38.0 i 40.3 Dist. 660 Km		eP 11:58:29.8 i 30.1 iS 59:17.0 Dist. 440 Km		eP 01:48:58 eS 49:29 Dist. about 270 Km
	eP 13:57:47.8 eS 58:15.2 Dist. 240 Km		eP 16:49:11.5 eS 48.4 Dist. 330 Km		eP 05:27:47 eS 28:01.8 Dist. 120 Km
	eP 14:53:56.7 eS 54:36.0 Dist. 350 Km		eP 18:01:41.0 eS 02:19.0 Dist. 340 Km		eP 14:35:47.1 eS 36:13.2 i 14.3 Dist. 220 Km
	eP 17:10:27.6 eS 45.7 Dist. 150 Km		eS 18:25:08.5		eP 15:53:02.0 e(S) 47.2
	eP 18:35:52 eS 36:29.4 i 31.4 Dist. 330 Km		eP 18:44:05 eS 31.7 Dist. about 240 Km		eS 16:49:16.5
	eP 19:00:01.9 eS 33.4 i 48.7 Dist. 260 Km		eP 21:15:25.4 eS 16:12.6 Dist. 440 Km		iP 18:50:21.3 iS 58.3 Dilatation from E Dist. 330 Km
	eP 21:35:40.9 iS 56.2 Dist. 130 Km	24	eP 21:56:53.4 e(S) 59.9		eP 18:54:43.6
			eP 04:56:41.0 eS 57:29.8 Dist. 460 Km	26	eP 19:42:15.8 eS 54 Dist. 340 Km
			iP 08:02:03.4 iS 09.5 Dilatation from SW Dist. 60 Km		eP 04:29:05.3 eS 34.3 i 45.4 Dist. 250 Km
					eP 06:27:04.7 eS 37.0 Dist. 280 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar. 26 eP 13:36:10.4	Mar. 27 eP 10:40:58.8	Mar. 28 eS 11:07:36
1966 eS 43.2	1966 i 41:05.5	1966 iP 15:34:15.5
Dist. 190 Km	eS 40.7	epP 21.6
iP 13:38:05.5	i 49.6	eS 38:17
iS 10.4	From NE	eR 40:00
Compression from NNE	Dist. 390 Km	Dist. about 23°
Dist. 50 Km	iP 14:54:29.7	eP 20:34:18.7
e(P) 14:03:36.4	iS 55:08.0	epP 27.5
eS 04:21.2	Compression from SE	eS 38.5
eP 14:56:58.5	Dist. 360 Km	eR 40.5
eS 57:39.3	eP 15:30:32.5	Dist. about 24°
Dist. 360 Km	eS 45.5	e(P) 23:45:00
eP 20:43:11.6	Dist. 110 Km	e(S) 39.5
eS 36.6	eP 19:00:31	iPKP 02:37:22.6
Dist. 210 Km	ePP 01:56	iP 09:38:54.7
iP 23:35:29.7	eS 06:06	e(S) 39:26.5
iS 36:04.9	eG 07:56	i 40
Compression from SE	eR 10.0	Compression from SW
Dist. 310 Km	Dist. about 35°	iP 10:42:07.9
27 eP 03:09:43.7	Doubtful interpretation	eS 53.7
eS 10:18.6	28 eP 01:54:35.7	i 56.6
i 20.4	e(S) 52.1	Compression from NE
Dist. 310 Km	i 57.4	Dist. 430 Km
eS 05:09:22.8	eP 09:04:06.1	eP 11:09:45.4
eS 07:38:40.8	eS 24.6	i 46.3
iP 08:03:15.9	Dist. 150 Km	iS 10:10.7
eS 55.1	eP 09:37:37	From SW
Dist. 360 Km	e(S) 38:08.8	Dist. 210 Km
Compression from E	e(P) 10:39:51	
	eS 40:16.3	

Y. Franulic
Seismologist

CORRECTION FOR PROVISIONAL READINGS AT
PELDEHUE NUMBER 12 - 66.

Mar. 22 ePKP ₁ 08:39:42.7
1966 ePKP ₁ 41:16
ePP ₂ 48:43
eSKKS 52:43
ePPS 59:20
eSSS 09:13:14.5

This readings replace those
for Mar. 22, 1966.



IMPRESO A

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEM OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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SEISMIC VISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 6 m

Apr.04 1966	iP 19:23:08.8 iS 27.6 Dist. 170 Km eP 19:58:52.2 Distant shock iP 21:10:15.1 iS 35.3 Compression Dist. 180 Km	Apr.06 1966	eP 18:08:06 i 08.0 e(S) 15.8 eS 18:09:17 eP 18:18:31.5 e(S) 19:24.5 eP 19:41:05.5 eS 34 Dist. 265 Km eP 22:12:59 Distant shock	Apr.09 1966	eP 16:10:17.0 e 34.0 iS 49.0 Dist. 295 Km eP 20:20:32.3 Distant shock 10 eP 05:58:29.2 e(S) 06:00:11 eP 07:22:10.4 eS 35 Dist. 225 Km eP 15:28:36.7 eS 29:27 Dist. 485 Km iP 16:36:43.5 i(S) 58.0 Dilatation from NW FELT IV AT SANTIAGO - VI AT OVALLE eP 17:09:51.4 iS 10:14.0 Small Dist. 205 Km eP 21:59:52.7 e(S) 22:01:11 eP 22:03:30 e(S) 04:24 eP 23:14:36.5 iS 53.5 Small Dist. 150 Km eP 23:32:53 eS 33:14.5 Small Dist. 195 Km eP 23:45:25.5 e(S) 47:01.5 11 eP 01:20:27 iS 51.3 Dist. 220 Km eP 02:21:33.6 iS 44.9 Small Dist. 95 Km. iP 05:45:34.9 iS 51.3 Dilatation Dist. 150 Km
05	iP 02:38:50.2 iS 39:11.2 Compression Dist. 190 Km iP 02:47:14.3 iS 35.0 Dist. 185 Km eP 12:10:02.7 Distant shock eP 12:15:30 eS 16:04 Dist. 320 Km eP 20:40:50.4 iS 41:10.4 Small Dist. 180 Km	07	iP 06:53:32.8 eS 50 i 53.7 Dilatation from N Dist. 150 Km eP 09:35:45 iS 56.1 Small Dist. 90 Km eP 10:03:21 Distant shock eP 13:37:18 Distant shock		
06	eP 02:11:40 Distant shock eP 03:16:54 eL 40:-- Distant shock eP 03:30:25 eS 31:03 Dist. 360 Km iP 03:58:46.2 iS 58.3 Compression Dist. 100 Km eP 05:13:(04) eS 37 Small Dist. about 310 Km e(P) 05:54:36 eP 14:06:57.5 e(S) 08:19	08	eP 02:06:03.5 e 27:28 Distant shock eP 12:39:09.5 eS 44 Dist. 325 Km e(S) 14:21:10 eSSS 24:03 eR 26:00 eP 20:41:27.4 eS 42:00.5 Dist. 310 Km		
09	eP 02:42:30 Distant shock eP 02:50:18.8 Distant shock eP 02:56:04.8 e(S) 57:00.4				

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PROVISIONAL READINGS AT PELDEHUE

Apr.11 eP 06:49:14.5
1966 e(S) 52:01

eP 10:32:06.5
e(S) 34:(25)

eP 11:35:20
eS 41.6
Dist. 195 Km

eP 12:30:16.7
iS 42.3
Small
Dist. 235 Km

eP 15:14:02.2
iS 28.9
Small
Dist. 245 Km.

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Apr.04 eP 19:23:09.5
1966 Nearby shock

05 eP 02:38:55.6
eS 39:19
Dist. 215 Km

eP 02:47:20.5
Nearby shock

06 eP 03:30:29
Nearby shock

eP 03:58:46.6
eS 59
Dist. 105 Km

Apr.06 eP 18:08:03.8
1966 eS 11.1
Dist. 55 Km

07 eP 06:53:37
eS 55.5
Dist. 165 Km

eP 09:35:44.3
eS 53.3
Dist. 70 Km
Small

Apr.09 eP 16:10:21
1966 eS 51
Dist. 280 Km

eP 20:20:32.5
Distant shock

10 eP 05:58:33.5

iP 16:36:48
iS 37:13
Dist. 230 Km
FELT IV AT SANTIAGO
FELT VI AT OVALLE

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Apr.02 eP 10:51:46.5
1966 eS 54
Dist. 60 Km

Apr.03 eP 22:25:05.5
1966 eS 21
Dist. 135 Km

Apr.06 eP 18:07:12
1966 eS 36
Dist. 220 Km

03 eP 14:23:04
eS 24
Dist. 180 Km

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384

Mar.21 eP 19:22:53
1966 eS 23:02.8
Dist. 80 Km.

Mar.26 eP 04:28:38
1966 eS 54
Dist. 140 Km

Mar.28 eP 01:54:45.6
eS 55:02.5
Dist. 150 Km

25 eP 07:06:02.8

27 eP 14:54:48
eS 55:43
Dist. 530 Km

L. Cabello
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar 31 eP 23:57:11.9
1966 Distant shock

Apr. 01 eP 03:30:18.2
1966 eS 37.0
Dist. 90 Km

Apr. 01 eP 06:43:25.2
1966 iS 52.4
Dist. 230 Km

Apr. 01 eP 01:27:32.3
1966

eP 03:17:14.2
eS 28.4
Dist. 110 Km

eP 03:43:18.7
Distant shock
eP 06:13:53.7
e(S) 14:11.2

eP 07:57:37.9
e(S) 58:58.9

Y. Franulic
Seismologist



UNIVERSIDAD DE CHILE
DEPARTAMENTO DE GEOFISICA Y GEODESIA
ANTOFAGASTA

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO



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PROVISIONAL READINGS AT PEI DEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Date	Time	Phase	Distance	Date	Time	Phase	Distance	Date	Time	Phase	Distance
Apr. 11 1966	17:02:39.2	eP		Apr. 12 1966	20:32:(04)	eP		Apr. 13 1966	04:01:01	eP	
	17:27:30.5	eP			40	e(S)			58.6	eS	
		Distant Shock				Small				Dist. 555 Km	
	18:22:10.2	eP			22:03.10	eP			04:13:55.5	eP	
	22.4	i(S)			04:37	e(S)			15:06	e(S)	
	24.0	e			22:47:37.2	iP			05:06:(14)	eP	
	19:39:27.0	eP			53.2	iS			07:38	e(S)	
	41:30	e(S)				Dilatation					
	21:06:43	eP			23:30:45	eP			05:40:47	eP	
	07:46	e(S)			31:49.5	eS			41:51	eS	
	22:57:43.1	eP				Dist. 625 Km			Dist. 620 Km		
	59:19	e(S)			23:38:58.6	eP			08:40:56.5	eP	
	23:50:16.5	iP			40:00.0	i(S)			41:59.6	e(S)	
	29.4	iS			18.0	i			09:12:17.4	iP	
	Dist. 110 Km					FELT V AT TEMUCO, IV AT CONCEPCION			13:11	i(S)	
12	00:44:45.0	eP							Compression from S		
	56.0	iS			23:58:28	eP			12:02:00.5	eP	
	Dist. 90 Km				59:31	e(S)			27	e	
	00:59:25.3	eP		13	00:10:41	eP			Nearby shock		
	39.9	eS			11:42	e(S)					
	Dist. 125 Km								16:10:39.3	iP	
	01:34:39.5	eP			00:32:28.9	eP			42.2	iS	
	Distant shock				33:34	e(S)			Compression from W		
	04:54:55.8	eP							Explosion?		
	55:08.6	iS			00:51:41	eP			16:18:48.7	iP	
	Small				52:44	e(S)			19:01.2	iS	
	Dist. 110 Km								Compression from N		
	08:05:36.4	eP			01:12:02.8	eP			Dist. 105 Km		
	07:07	e(S)			13:06.4	e(S)			16:34:43.5	eP	
	09:35:52.3	iP			01:27:41.5	eP			35:41.5	e(S)	
	36:09.7	iS			28:58.7	e(S)					
	Dist. 155 Km				01:30:36.5	eP			14	05:13:58	eP
	09:43:01.6	eP			31:41	e(S)			14:30.5	eS	
	16.5	eS			01:37:(14)	eP			Dist. 305 Km		
	Dist. 130 Km				38:19	e(S)					
	11:30:26.4	eP			02:09:14.8	iP			05:59:31.5	eP	
	31:16	eS			20.3	iS			43	eS	
	Dist. 475 Km				Compression from E				Small		
	16:10:55.4	iP			Explosion?				Dist. 95 Km		
	11:05.2	i			02:12:09.5	eP			06:21:34	eP	
	10.6	iS			13:15.7	e(S)			24:23	eS	
	Dilatation								25:25	eR	
	Dist. 150 Km				02:27:(08)	eP			Dist. 15°		
	16:45:33	eP			28:09.5	e(S)					
	46:54	e(S)			03:36:35.3	iP			07:17:29.5	iP	
					37:58	i(S)			53.5	iS	
					Compression from SSW				Dist. 220 Km		
					FELT IV AT CONCEPCION						
									09:58:58	eP	
									59:52	e(S)	
									16:49:33.8	eP	
									50:08.5	e(S)	
									41.4	e	

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PROVISIONAL READINGS AT PELDEHUE

Apr.14 eP 18:08:32.0	Apr.15 eP 18:27:30	Apr.17 eP 13:21:40.5
1966 iS 57.4	1966 e(S) 28:51	1966 iS 57.8
Dist. 235 Km		Dist. 155 Km
eP 18:48:07.4	16 eP 01:29:40.1	iP 20:32:02.7
e(S) 49:25	eS 30:04.8	iS 12.4
	Dist. 660 Km.	Compression from NW
eP 21:26:03.4	eP 02:43:47.9	Dist. 80 Km
Distant shock	i 48.7	
	Distant shock	18 eP 00:31:13.8
eP 22:06:04.8	eP 08:33:50.8	eS 40.5
e(S) 33.6	iS 34:08.5	Dist. 330 Km
	Dist. 160 Km	eP 08:53:17
eP 23:01:49.4	eP 09:04:51.3	eS 54:09.5
e(S) 03:20	iS 05:19.0	Dist. 505 Km
eP 23:38:40.7	Dist. 260 Km	iP 10:59:23.8
iS 57.3	eP 10:05:52.2	iS 27.4
Dist. 145 Km	eS 06:07.4	Compression
eP 23:52:12.2	Small	Local Shock
eS 24.6	Dist. 130 Km	iP 11:35:13.7
Dist. 105 Km	iP 11:27:50.3	iS 34.0
Small	iS 28:01.9	Compression from S?
iP 23:56:56.7	Dilatation	Dist. 185 Km
iS 57:06.5	Dist. 95 Km	eP 14:03:37.5
Compression	eP 17:37:42.7	iS 04:08.5
Dist. 80 Km	iS 56.5	Small
15 eP 02:33:35.1	Dist. 120 Km	Dist. 290 Km
e 49.8	eP 17:39:26	eP 16:37:47
e(S) 34:33	iS 45.8	eS 38:03.5
eP 03:58:33.6	Dist. 180 Km	Small
Distant shock?	eP 18:12:21.8	Dist. 145 Km
eP 06:50:29.5	e(S) 13:49	eP 17:27:41.5
Distant shock	eP 23:31:12.3	iS 55.5
eP 07:08:54	eS 32:18.5	Small
iS 09:12.5	e(R) 45	Dist. 120 Km
Small	Dist. 640 Km	eP 21:34:37.6
Dist. 165 Km	17 eP 00:21:12.5	eS 35:00
eP 08:31:01.7	iS 36.5	Small
iS 29.2	Dist. 220 Km	Dist. 205 Km
Dist. 255 Km	eP 00:41:(42)	eP 22:41:47.3
eP 09:34:41.8	Nearby shock	eS 42:12.5
eS 35:16.7	eP 01:18:58	Dist. 230 Km
Dist. 330 Km	e(S) 19:55	19 eP 09:53:42
iP 11:23:52.0	eP 07:18:33.6	e(S) 55:25
iS 24:12.5	eS 20:01	eP 12:54:47.5
Dist. 185 Km	Dist. 855 Km	e(S) 55:10
eP 14:27:03.8	eP 12:02:(52.5)	
e(S) 28:29.8	e(S) 03:33	
iP 15:21:32.9		
eS 22:00.3		
Dist. 255 Km		

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Apr.12 1966	iP e(S)	23:38:55.3 40:12	Apr.16 1966	eP e(S)	01:29:36.5 30:38	Apr.17 1966	iP iS	20:32:05.5 17.0
							Dist. 95 Km	
13	iP iS Compression	02:09:12.5 16.1	eP	02:43:47.5	Distant shock	18	eP e eS	00:31:11.6 20.5 (48)
	iP	03:36:31.3	eP eS	08:33:55 34:15	Dist. 180 Km		Dist. about 340 Km	
	eP e(S)	05:40:43.9 41:41	iP iS	11:27:51.5 28:03.8	Dilatation		iP 10:59:24.5 iS 28.2 Dilatation Local shock	
	eP e(S)	09:12:13.9 13:17			Dist. 105 Km		iP 11:35:10.3 iS 29.8 Compression Dist. 175 Km	
14	eP e(S)	06:21:(45) 24:10	eP e(S)	18:12:18.4 13:40		19	eP e(S)	12:54:57 55:11
	iP eS	07:17:33.3 18:01	eP eS	23:31:09 32:12	Dist. 610 Km			
	Dist. 255 Km		17	eP	12:02:54			
	iP iS	23:56:56.8 57:07.0		Nearby shock				
	Compression Dist. 80 Km		iP eS	13:21:37.5 51.8	Compression Dist. 125 Km			
15	eP	06:50:(32)						
	Distant shock							

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 04' 32" W h 73 m

Apr.10 1966	eP ePP eS eR	16:40:59 41:12 44:50 46:29	Apr.12 1966	eP eS	23:41:08.3 43:48	Apr.13 1966	eP eS	03:38:45.6 41:47
							Dist. 16.5° FELT IV AT CONCEPCION	
	Dist. 21.5° FELT IV AT SANTIAGO, VI AT OVALLE			Dist. 14.5° FELT V AT TEMUCO, IV AT CONCEPCION				

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Apr.10 1966	iP iS	16:36:48.0 37:13.0	Apr.13 1966	eP eS	01:11:15.5 25.6	Apr.13 1966	eP eS	16:33:51 34:12
							Dist. 180 Km	
	Dist. 230 Km FELT IV AT SANTIAGO, VI AT OVALLE			Dist. 80 Km				
12	eP eS	08:04:44.4 05:04	iP iS	03:35:42.0 58.0	Dist. 140 Km	16	eP eS	23:30:21 41
	Dist. 175 Km			FELT IV AT CONCEPCION			Dist. 180 Km	
	eP	16:44:41	eP	05:39:54		17	eP iS	01:27:21 25
	Small local		eP	08:40:04			Dist. 35 Km	
	iP iS	23:38:04.0 21.0	eP iS	09:11:23.5 45	Dist. 195 Km			
	Dist. 150 Km FELT V AT TEMUCO, IV AT CONCEPCION							

A. Sickinger
Seismologist

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Casilla 3047
Santiago, Chile

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PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Mar. 28 eP 22:10:20.7
1966 eS 30.8
Dist. 80 Km

29 eP 09:38:32.5
eS 47
Dist. 125 Km

30 eP 01:12:11.5
Small

eP 02:04:20.6
eS 24.4

eP 04:54:19.7
eS 38.3
Dist. 165 Km

Mar. 30 eP 14:49:57
1966 eS 50:06.6
Dist. 75 Km

Apr. 01 eP 01:26:00.8
1966 eS 12.9
Dist. 100 Km

10 eP 16:37:17.3
e(S) 38:04.3

11 eP 21:05:29
eS 39.4
Dist. 85 Km

12 eP 23:40:25
eS 42:41.7
Dist. 12.5°
FELT V AT TEMUCO,
IV AT CONCEPCION

Apr. 13 eP 03:37:58.5
1966 eS 40:17

Dist. 12.5°
FELT IV AT CONCEPCION

14 eP 18:47:02
eS 09
Dist. 55 Km.

15 eP 02:32:58
eS 33:21
Dist. 185 Km

eP 14:26:21
eS 33
Dist. 95 Km

L. Cabello
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Apr. 01 e(P) 20:36:46.7
1966 eS 37:07.9

eP 20:46:19.5
eS 31.8
Dist. 90 Km

eP 21:49:20.2
i 20.6
eS 26.5
Compression from SE
Dist. 60 Km

02 eP 01:21:55
e(S) 29:21.7

eP 02:01:13.7
eS 08:15
eSS 11.5
eR 15:11
Dist. about 49°

iP 08:53:12.5
iS 34.9
Dilatation from NW
Dist. 180 Km

03 iP 17:11:05.3
iS 44.9
Compression from ESE
Dist. 360 Km

Apr. 03 eP 17:56:57.8
1966 eS 57:14.6
i 25.1
Dist. 130 Km

04 eP 09:41:54.7
eS 42:29.6
Dist. 310 Km

eP 10:35:18.8
eS 55.2
Dist. 320 Km

eP 21:13:44.0
Distant shock

05 e(P) 00:41:34.5
e(S) 42:07.2

eP 01:37:29.0
eS 54.5
Dist. 220 Km

eP 02:42:20.5
Distant shock?

eP 12:12:31.7
eS 58.5
Dist. 230 Km

No records from 5-04-66
at 12:30 to 7-04-66 at
22:00

Apr. 08 ePKP 02:05:--
1966

eP 15:03:27.2
i 27.7
eS 04:14.5
i 15.3

Compression from ESE
Dist. 450 Km

eP 22:06:58.5
eS 07:41.2
Dist. 400 Km

09 eP 02:41:18.4
eS 49:07
eG 54:40
eSS 55.0
e 56.3
eR 57:44
Distance about 56°

eP 08:58:37.2
eS 59:15.7
Dist. 350 Km

eP 11:59:29
e(S) 12:00:11.2

eP 16:54:44.5
eS 55:31.5
Dist. 450 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr. 09 1966	eP eS Dist. 150 Km	17:15:20.5 39.0	Apr. 10 1966	iP iS Dilatation from NW Dist. 110 Km	15:59:56.2 16:00:09.6	Apr. 11 1966	e(P) eS eP iS Dist. 340 Km	20:18:44.7 19:14.5 21:06:04.0 41.5
	eS	20:36:17.7		iP i(S) Compression from S PZ 0.16 u; 1.2 sec. FELT IV AT SANTIAGO, VI AT OVALLE	16:38:02.5 39:43	12	eP e(S) i	01:32:33.0 33:27.9 39.5
	eP e(S)	23:31:56.0 32:34.2					eP e(S)	20:09:28.2 10:03.2
	iP iS Dilatation from NE Dist. 80 Km	23:34:43.2 51.8	11	eP iS Dist. 310 Km	06:47:08.5 43.0		iP iS iR Compression from SSW Dist. about 15° FELT V AT TERAUCO, IV AT CONCEPCION	23:41:07.5 43:44.0 44:36
10	eP i iS Compression from NE Dist. 240 Km	05:56:30.1 31.7 58.0		iP iS Compression from ENE Dist. 160 Km	07:29:30.9 50.5			
	eP iS Dist. about 290 Km	07:19:15 48.5		iP iS Dist. 240 Km	10:30:00.0 28.5	13	iP epP eS eR Dist. about 15° FELT IV AT CONCEPCION	03:38:39.2 45 41:17 42:16
	eP eS Dist. 225 Km	07:22:10.4 35		eP eS Dist. 140 Km	13:20:15.2 32.7			
	eP i eS i From SE Dist. 150 Km	09:20:24.7 25.3 43.5 44.5		e(P) eS eP eS Dist. 40 Km	13:35:06.7 39.2 15:50:26.2 30.4		eP eS Compression Dist. about 70 Km	09:14:21.4 17:30
	eP iS Compression from N Dist. 360 Km	15:03:18.5 57.8		eP eS Dist. 310 Km	17:51:49.4 52:24.0		eP i iS Dilatation from SE Dist. 240 Km	12:00:44.2 45.3 01:12.3
	eP eS Dist. 570 Km	15:28:45.5 29:44.6		iP iS Compression from SE Dist. about 130 Km	19:37:36.4 51.0			

Y. Franulic
Seismologist



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



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IMPRESO AEREO

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

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Santiago, Chile

PROVISIONAL READINGS AT PELDENUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr. 20 1966	eP Distant shock	02:52:24.4	Apr. 21 1966	eP e(S) e	06:14:03 48.6 15:12	Apr. 23 1966	eP iS	03:18:55.7 19:08.2
	eP iS Small Dist. 240 Km	03:48:00.5 26.7		eP eS Small Dist. 185 Km	10:40:07 27.3		eP Distant shock	04:08:40.5
	eP iS Small Dist. 165 Km	07:26:34.3 52.6		iP iS Dilatation from S Dist. 190 Km	11:26:16.2 37.2		eP iS Dist. 145 Km	05:53:06 06:05:48.0 06:04.4
	eP e(S)	12:52:35 53:35		e(P) eS	19:06:29.5 07:03		eP iS Dist. 130 Km	06:14:57.5 15:12.5
	iP iS Small Dist. 85 Km	15:31:04.7 15.2		eP iS Dist. 210 Km	20:32:48.8 33:12		eP Distant shock	07:02:13.3
	iP eS Dilatation from NE Dist. 185 Km	16:23:22.4 42.8		eP e(S)	22:20:35 21:35		eP i iS Small Dist. 150 Km	07:28:48 48.8 29:04.8
	eP Distant shock	16:45:50.4	22	iP iS iR Compression from SW Dist. 670 Km FELT IV AT CONCEPCION	03:07:49.8 08:59 09:29		ePKP i	09:16:14.5 20.6
	eP iS Small Dist. 115 Km	18:08:23.2 36.7		eP e(S)	08:27:08.5 29:12		e(P) eS	20:11:50.5 12:20.5
	eP e(S)	19:39:14 47		iP Distant shock	12:25:09.8	24	eP e(S)	02:39:42 41:01
	iP iS Dilatation from N Dist. 170 Km	20:17:11.0 30.0		eP eS Dist. 620 Km	15:13:47.5 14:51.5		eP eS Dist. 210 Km	03:13:09 32
21	iP iS Dilatation from N Dist. 105 Km	01:01:10.0 22.5		iP i iS Dilatation from NW Dist. 115 Km	18:45:26.5 33.7 40.0		eP eS i Dist. 80 Km	04:40:24.5 41:06.7
	eP eS Small Dist. 210 Km	01:34:54 35:17		eP eS Dist. 520 Km	19:10:07 11:01		eP eS i Dist. 80 Km	05:12:28.4 38.5 39.5
	eP eS Small Dist. 130 Km	02:11:34.3 49.5	23	ePKP i e	00:29:03.7 10.3 51:25		eP e(S)	06:26:56.8 27:31.5
	iP iS Compression Local	04:56:36.6 39.7		e(P) eS	03:02:13.5 03:09.8		e(P) eS e	15:42:58 43:52.5 44:11
				eP e(S)	03:06:37.5 07:09		eP eS Dist. 430 Km	20:37:30.6 38:15.5

Podesia

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PROVISIONAL READINGS AT PELDENUE

Apr. 24 eP 21:20:06.3
1966 e(S) 48

e(P) 21:56:46
e 57:31
iS 45.0

Apr. 25 e(P) 02:12:59
1966 e(S) 15:16

Apr. 25 eP 04:34:21.9
1966 iS 39.3
Small
Dist. 155 Km

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 26' 40" S 70° 38' 54" W h 581 m

Apr. 20 eP 07:26:36.7
1966 eS 57.7
Small
Dist. 190 Km

Apr. 22 iP 18:45:29.5
1966 iS 45.5
Dilatation
Dist. 140 Km

Apr. 23 eP 07:28:49.4
1966 eS 29:06.8
Small
Dist. 155 Km.

eP 16:23:24.5
eS 48
Dist. 215 Km

23 e(PKP) 00:29:09.5

iP 03:18:54.3
iS 19:06.1
Dist. 100 Km

ePKP 09:16:14.4
i 19.9

24 iP 05:12:27.6
iS 38.0
Dist. 80 Km

21 eP 01:01:14
eS 29
Dist. 130 Km

eP 05:53:05.5
Distant shock

eP 06:05:48.6
eS 06:06.0
Dist. 155 Km

eP 06:26:56.6
eS 27:31
Dist. 325 Km

eP 04:56:37
eS 40
Local

eP 06:14:58.5
eS 15:15.8
Dist. 155 Km

eP 21:20:07
eS 43.5
Dist. 345 Km

eP 11:26:12.8
eS 30.5
Dist. 155 Km

22 eP 03:07:46.2
e(S) 08:54
e 09:07
FELT IV AT CONCEPCION

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Apr. 20 eP 12:51:39
1966 eS 50
Dist. 90 Km

Apr. 21 eP 06:13:09.5
1966 iS 17.5
Dist. 60 Km

Apr. 22 iP 03:06:53
1966 iS 07:08.5
Dist. 135 Km
FELT IV AT CONCEPCION

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Apr. 18 eP 20:06:52
1966 eS 07:03
Dist. 90 Km

Apr. 19 e(P) 09:52:35
1966 e 53:11
e(S) 24

Apr. 22 eP 08:25:41.5
1966 e(S) 26:42.8

19 eP 02:13:15
eS 35
Dist. 160 Km

22 eP 03:09:02.7
e(S) 11:45.4
FELT IV AT CONCEPCION

eP 10:34:56.3
eS 35:07.5
Dist. 90 Km

eP 04:11:18.6
eS 27
Dist. 65 Km

L. Cabello
Seismologist

Departamento de Geofísica y Geodesia

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Apr. 15 1966	eP e(S)	03:44:36.2 57.7	Apr. 16 1966	eP iS	19:13:45 14:36.2	Apr. 18 1966	e(P) eS	12:09:02 20
	iP	08:33:20.8		Dist.	about 490 Km		eP	13:13:26.8
	iS	40		e(P)	20:13:16.9		eS	45.5
	Compression from NE			e(S)	37		Dist. 150 Km	
	Dist. about 170 Km			e(P)	22:29:25		eP	14:11:56.5
	iP	12:06:34.8		eS	42.4		eS	12:12.0
	iS	07:10		i	46.0		Dist. 120 Km	
	Compression from ESE?							
	Dist. about 310 Km							
	iP	17:59:36.2	17	iP	00:39:33.5		eS	14:14:32.3
	iS	44.0		iS	40:01.5		eP	17:12:28
	Dilatation from NNE			Compression			eS	46.5
	Dist. 80 Km			Dist.	240 Km		Dist. about 150 Km	
	eP	18:24:45.7		eS	00:50:34.5			
	eS	52.5		eS	03:11:36.7		iP	19:08:28.9
	Dist. 70 Km			eP	03:38:13.6		eS	09:05.2
	eP	19:06:13.8		eS	51.5		i	07.8
	eS	21.2		Dist. 330 Km			Compression from ESE	
	i	22.0		eP	05:15:09.3		Dist. 320 Km	
	Dist. 70 Km			eS	43.8		eS	20:08:34.2
	eS	19:43:49.2		Dist.	300 Km		eP	23:28:00.0
	eS	20:00:12.7		eP	10:07:45.8		eS	46.8
16	ePP	01:46:02		i	46.7		Dist. 440 Km	
	ePKS	49:12		eS	08:01.6			
	eSKS	52:04		i	04.1		19	eP
	ePS	55:06		Dist. 120 Km			eS	00:32:22.5
	ePPS	56:20		eP	13:14:36.8		i	50.2
	eSS	02:01:08		eS	58.7		i	50.9
	eSSS	05:00		Dist. 180 Km			Dist. 240 Km	
	eG	11:16		iP	19:02:05.6		eP	02:13:16.2
	eR	18:13		iS	44.9		e(S)	26.7
	Dist. about 106°			Compression from ESE			i	45.0
	iP	02:12:02.7		Dist.	360 Km		e(P)	06:59:39.5
	iS	46.2		eP	19:08:42.2		eS	07:00:35.7
	Compression from NE			eS	09:21.8		Dist. 320 Km	
	Dist. 400 Km			Dist. 360 Km				
	iP	03:13:53.6	18	e(P)	00:32:18		eP	08:13:50.3
	iS	14:10.7		eS	33:46.4		eS	14:26.3
	Dist. 140 Km			Dist. 360 Km			Dist. 320 Km	
	eP	04:59:27.7		eP	04:14:28.9		eP	09:00:12.0
	iP	29.7		eS	15:05.1		eS	54
	i(S)	57.0		i	06.5		Dist. about 390 Km	
	e(PKP) 10:33:10			Dist. 320 Km			eP	09:35:19.5
	eP	11:02:05.5		eP	08:15:23.8		eS	31.4
	eS	41.2		eS	16:02		i	32.2
	eS	13:59:42.6		Dist. about 350 Km			Dist. 90 Km	
	eP	18:43:53.2		eP	12:07:08.8		iP	09:51:59.8
	e(S)	44:18.8		eS	43.0		iS	52:21
				Dist. 350 Km			Compression from ESE	
							Dist. about 180 Km	
							e(P)	10:00:10.7
							eS	32.0

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



IMPRESO AEREO

Chile 1966
April 1965

1.

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDENUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr. 25 1966	eP 16:50:28.7 eS 51.5 Dist. 210 Km	Apr. 27 1966	eP 05:58:18.2 eS 38.4 Dist. 180 Km	Apr. 29 1966	eP 23:58:31. iS 46.5 Dist. 135 Km
	iP 18:40:54.5 iS 41:21.5 Dist. 250 Km Compression from N		eP 22:14:(31) e(P) 22:16:06 eS 45.5	30	eP 00:49:(45) e(S) 50:54 eP 03:19:13.5 e(S) 24.5 Small
	eP 23:26:51.5 eS 27:02.4 Dist. 90 Km Small		eP 23:37:58.6 iS 38:25.4 Dist. 250 Km		eP 08:00:(54) e(S) 02:50 eP 08:12:30 Distant shock?
	eP 23:42:35 Distant shock	28	eP 01:05:00.8 iS 14.3 Small Dist. 115 Km		eP 15:15:26.5 iS 57.7 Dist. 290 Km
	eP 23:57:47 eS 58:10.8 Dist. 220 Km Small		eP 02:38:11.2 i(S) 34.5	May. 01	eP 12:29:57.7 eS 30:23.2 Dist. 235 Km
26	eP 00:00:28 eS 44 Dist. 140 Km		eP 07:37:19.1 iS 28.7 Dist. 75 Km		eP 12:54:31.5 i 35.9 eS 55:42.4 Dist. 690 Km
	eP 00:34:30.6 eS 42.6 Dist. 100 Km Small		eP 12:36:45 eS 37:31.8 Dist. 450 Km		eP 16:28:04.9 ipP 39.5 eS 32:17 eScS 38:49 Dist. about 24° Depth about 150 Km
	eP 01:28:00 eS 12 Dist. 100 Km		iP 12:55:38.0 eS 56.5 Dist. 165 Km		
	eP 06:49:46.2 eS 50:09.5 Dist. 215 Km		eP 18:14:16 eS 59 Dist. 410 Km		
	eP 07:24:22.3 eS 41 Dist. 165 Km		eP 19:02:(04) e(S) 46.5		
	eP 08:38:35 eS 39:07.8 Dist. 125 Km Small	29	eP 03:32:53.5 iP 56.6 iS 33:17.5 Dist. about 220 Km		
	eP 14:02:(34)		iP 05:20:08.7 iS 31.8 Compression from NE Dist. 210 Km		
	e(P) 21:10:09 e(S) 12:11		eP 14:31:56 e(S) 32:41		
27	eP 03:29:15.3 iS 27.7 Dist. 105 Km		eP 21:24:20 eS 44.5 Dist. 225 Km		

E. Lorca
Seismologist

UNIVERSIDAD DE CHILE
Departamento de Geofisica y Geodesia

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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

Apr. 26 eP 1966	00:00:27.7	Apr. 29 eP 1966	03:32:51 53.4	May. 01 eP 1966	12:54:28.7 55:39
27 eS	03 29 32	ipP	05:20:11.5 35	Dist. 685 Km	eP 16:28:06 ipP 42.7
eP	05:58:14.5	Dist. 215 Km			
eS	30.8				
Dist. 145 Km					
28 iP	02:38:12.9				
iS	28.4				
Dist. 135 Km					

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Apr. 22 eP 03:10:(15)
1966 eR 13:50
FELT IV AT CONCEPCION

E. Lorca
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Apr. 24 eP 1966	23:00:04.5 17.5	Apr. 28 eP 1966	12:35:57 36:04.5 05	Apr. 29 eP 1966	03:33:00 21.5
Dist. 110 Km		Dist. 60 Km		Dist. 195 Km	

A. Sickinger
Seismologist

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

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Santiago, Chile

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PROVISIONAL READINGS AT ANTOFAGASTA

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

Apr. 20 1966	eP 02:55:35 eS 48.7 Dist. about 110 Km	Apr. 21 1966	eP 22:10:31.5 eS 43.5 Dist. 90 Km	Apr. 23 1966	ePKP 00:29:27.1 ePKS 32:48 ePP 33:16 eSS 52:50 ePSS 53:40 eSSS 58:48 e(G) 01:12:48 e(R) 19:24 Doubtful interpretation Dist. about 152°
	ePKP 14:21:03.5		eP 22:32:54.9 eS 33:33.6 Dist. 350 Km		iP 01:46:57.3 eS 47:33.0 Compression from ESE Dist. 320 Km
	eP 15:23:46.5 eS 24:02 Dist. about 230 Km	22	eP 00:09:56.2 e(S) 10:04.8		eP 04:20:03.0 i 07.8 e(S) 28.3 i 34.5
	e(PKP) 16:45:55.0		eP 03:09:50 epP 10:00 eS 12:30 eSS 41 eR 13:24 Dist. about 14°		eP 08:21:50.9 eS 22:04.7 i 05.8 Dist. 110 Km
	eP 18:14:40.7 eS 46.7 Dist. 60 Km		eP 03:47:42.4 eS 48:21.1 Dist. 350 Km		eP 08:27:37.1 eS 43.7 Dist. 70 Km
21	eP 00:04:53.5 eS 05:46.8 Dist. 510 Km		iP 08:24:57.1 iS 25:12 Dilatation from NE Dist. about 130 Km		ePKP 09:16:38 eSS 40:00 eSSS 45:36 eG 10:00:00 Doubtful interpretation Dist. about 152°
	eP 00:41:55 eS 42:25.3 Dist. about 260 Km		eP 11:05:58.2 iP 58.5 iS 06:12.7 Dist. 130 Km		eP 14:05:08.6 eS 39.5 Dist. 270 Km
	e(P) 01:24:25.2 eS 25:01.8		eP 11:46:19.3 eS 58.8 Dist. 360 Km		e(P) 14:36:41.8 eS 37:00.0
	e(P) 01:30:53.5 eS 31:05.0		eP 14:59:34.2 e(S) 15:00:00.7 i 11.7		eP 15:25:43.8 eS 26:02.2 Dist. 150 Km
	e(P) 04:30:23.3 eS 31:02.8 i 20		eP 15:30:19.0 eS 32.0 Dist. 110 Km		eP 15:34:45 eS 35:03.5
	iP 05:20:37.9 iS 21:05.0 Compression from E Dist. 240 Km		eS 19:11:06.5 i 29.5		eP 16:40:14.2 eS 33.4 Dist. 160 Km
	eP 08:42:11.8 eS 47.3 Dist. 320 Km		iP 21:46:56.3 eS 47:34.0 i 35.7 Compression Dist. 340 Km		e(P) 17:42:26.7 eS 54.8
	eP 14:35:51.3 eS 36:18.0 i 26	23	e(P) 00:04:32.6 eS 46.7		
	ePKP 16:02:53.0 e(PP) 05:12.5				
	iP 16:28:48.5 iS 29:10.3 Dilatation from SE Dist. 180 Km				

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Departamento de Geofísica y Geodesia

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Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr. 23 1966	eP e(S)	21:43:08.7 32.3	Apr. 25 1966	eP eS	10:03:07.4 57.0	Apr. 26 1966	iP iS	21:07:51.0 08:07
	iP i	22:39:24.5 32.3		eP eS	11:31:32.6 57.0		Compression Dist. about 130 Km	
	Compression from SW Dist. 80 Km			Dist. 210 Km		27	eP eS	05:52:13.8 58.6
	eP e(S) i	23:16:00 17.3 32	26	eP eS	00:41:12.7 41.2		Dist. 420 Km	
24	eP eS	01:49:56.0 50:36.2		Dist. 240 Km			eP eS	07:48:59 49:24.9
	Dist. 360 Km			eP e(S)	03:28:12.2 39.3		Dist. about 220 Km	
	e(P) eS	04:04:44.2 59.5		Dist. 360 Km			eP e(S)	13:55:19.4 56:27.6
	eP eS	07:36:00 23.3		iP iS	03:43:35.8 44:16.2		Compression from NE Dist. 60 Km	
	Dist. 250 Km			Compression from NE Dist. 360 Km			eP e(S) i	16:51:17 33.7 42
	iP iS	07:55:43.4 56:31.8		eP e(S)	03:57:12.7 52.8		Dist. 21:14:27.5 33.9	
	Compression from SE Dist. 450 Km			Dist. 350 Km			Dist. 60 Km	
	eP eS	09:30:13.5 44.7		eP eS	09:20:02.4 40.8		eP eS	21:55:30.2 56:08.5
	Dist. 270 Km			Dist. 350 Km			Dist. 350 Km	
	iP iS	11:32:30.0 33:18.3		iP iS	09:52:00.4 05.3		iP iS	22:12:57.0 13:23.5
	Compression Dist. 450 Km			Dist. 50 Km			Dilatation from SW Dist. 230 Km	
	e(P) eS	15:43:11 44:27		eP eS	11:29:31.1 49.4		eS	22:18:12.5
	Dist. 450 Km			Dist. 150 Km			Dist. 230 Km	
	eP i	16:43:53 53.5		iP iS	12:01:29.2 43.3		Compression from NE Dist. 110 Km	
	eS i	44:36.0 37.7		Compression from NE Dist. 110 Km			eP e(S) i	22:42:28.7 local
	Dist. 400 Km			iP iS	14:00:20.7 30.5		Dist. 23:57:44.3 58:03.0 08.0	
	e(S)	21:22:24.5		Compression from NNW Dist. 80 Km			Dist. 80 Km	
	eP eS	21:56:56.8 57:58.2		eP eS	16:53:56.4 54:45.8	28	eP eS i	02:01:46.5 02:03 07.3
	Dist. 590 Km			Dist. 470 Km			Dist. 140 Km	
25	iP iS	02:10:55.0 11:24.0		eP eS	17:06:03 35.9		Dist. 06:38:42 39:05	
	Compression from NE Dist. 250 Km			i Dist.	36.7 about 290 Km		Dist. 08:51:18 51.3	
	eP eS	07:19:20.4 32.2		Dist. 290 Km			Dist. 300 Km	
	Dist. 90 Km			e(P) eS	17:59:42.7 18:00:13.5		Dist. 11:18:13 35.8 40.2	
				Dist. 90 Km			Dist. about 190 Km	
	eP eS	18:55:00 26.5		Dist. 90 Km				

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Santiago, Chile

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr. 28 1966	eP eS	11:27:26.5 43.2	Apr. 29 1966	e(P) eS	16:53:52 54:14.3	Apr. 30 1966	e(P) e e(S) e(R)	08:14:31.3 40 18:44 20:08
		Dist. 180 Km		e(P) eS	17:10:24 46.2			Doubtful interpretation
	iP iS	14:43:34.9 43.7		eP Local	19:25:14.5		eP eS	12:05:48.6 06:06.5
		Dist. 110 Km						Dist. 140 Km
	eS	18:16:14		iP iS	20:41:41.3 46		eP iS	19:46:23.0 43.7
		Dist. 220 Km			Dist. about 50 Km			Dist. 170 Km
	eP eS	18:41:20.5 46.5		eP eS	20:57:48.3 58:24.0	May 01 1966	e(P) eS	01:54:00 14.2
		Dist. 220 Km			Dist. 320 Km			
	e(P) eS	19:20:20.5 52.8		eP eS	23:15:42.8 48.2		eP iP iS	06:19:28.0 29.2 52.7
		Dist. about 180 Km			Dist. 50 Km			Dist. 210 Km
29	e(P) e(S)	03:35:16 37:24		eP eS	23:16:56 17:01.6			Compression from NE
		Dist. 320 Km			Dist. 50 Km		e(P) eS	06:43:13.7 36.9
	eP eS	13:00:39.5 01:16.0	30	e(P) eS	00:49:36.9 50:27		eS	08:10:53.0
		Dist. 320 Km					eP eS	08:14:04.5 27.6
	eP eS	15:30:27.7 31:03.0		e(P) eS	04:23:28.2 24:00.2			Dist. 200 Km
		Dist. 310 Km					eS	08:55:01.2
	eP eS iS	15:42:42.3 43:13.5 18.2		eP eS	04:59:45.5 05:00:22.5			
		Dist. 310 Km			Dist. 330 Km		eP eS	11:09:41 10:18.5
	eP eS	16:40:05.8 41.7			Dist. about 180 Km			Dist. about 330 Km
		Dist. 320 Km		eP eS	07:34:07 29.5		eP eS	11:30:18.7 57.5
					Dist. about 170 Km			Dist. 350 Km
	iP iS	07:58:48.9 59:09					eP eS	11:44:19.2 43.5
		Dist. about 170 Km						Dist. 210 Km

Y. Franulic
Seismologist

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEY OBSERVATORY
RICHMOND, SURREY, ENGLAND.

Chile
May 1966

UNIVERSIDAD DE CHILE
Departamento de Geofisica y Geodesia

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 03 1966	iP 04:51:35.5 iS 51.7 Dist. 140 Km Compression	May 05 1966	eP 14:42:24 Distant shock	May 08 1966	eP 11:58:36.5 eS 54.5 Dist. 160 Km
	eP 09:54:19 iS 31.2 Dist. 100 Km Small		eP 20:12:08 eS 32 Dist. 220 Km		eP 14:11:27 eS 45.5 Dist. 165 Km
	eP 10:35:(18) e(S) 36:12		iP 22:06:56.5 iS 07:10 Compression Dist. 115 Km		eP 15:15:28.5 eS 45.5 Dist. 150 Km
	iP 11:55:44.1 iS 55.3 Dilatation Dist. 90 Km	06	eP 08:57:59.3 iS 58:20.5 Dist. 190 Km		eP 19:59:05.5 eS 22.3 Small Dist. 150 Km
	eP 13:20:(55) iS 21:10.9 Small Dist. about 140 Km		eP 13:55:45 eS 47.5 Near explosion?		eP 21:57:40.5 eS 54.5 Dist. 120 Km
04	iP 04:18:28.9 iS 37.2 Compression Dist. 65 Km	07	iP 16:03:11.5 iS 14 Near explosion		eP 22:36:43.5 eS 37:00.5 Dist. 150 Km
	iP 21:49:46.6 iS 54.1 Compression from NW Dist. 55 Km		eP 06:51:29.7 eS 43.2 Dist. 125 Km	09	eP 01:06:27 eS 07:18 Dist. 490 Km
	eP 22:11:12.5 eS 53.3 Dist. 390 Km		eP 07:58:17.5 eS 59:42.5 Dist. 830 Km		eP 06:18:20.5 iS 49.5 Dist. 270 Km
05	eP 00:01:30 eS 02:09 Dist. 370 Km		eP 15:43:19 eS 36 Dist. 150 Km		eP 11:22:(41.5) e 23:09
	eP 02:33:23 Distant shock?		eP 16:04:06.6 e(S) 20		eP 14:02:40.2 eS 55.5 Dist. 135 Km
	eP 03:39:19.5 eS 40:(31.5) Dist. about 700 Km	08	eP 23:59:56.5 eS 00:00:02.7 Dist. 285 Km		
	iP 11:47:13.5 iS 27.7 Dist. 120 Km		eP 00:58:49.3 iS 56 Dilatation from NE Dist. 45 Km		
	eP 11:58:13.4 eS 39.8 Dist. 235 Km		iP 01:07:17.5 iS 24.5 Dilatation Dist. 40 Km		
			eP 11:34:14.5 eS 30.5 Dist. 140 Km		

H. Becker
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

May 04 iP 04:18:30.4
1966 iS 39.7
Compression
Dist. 70 Km

iP 21:49:48.2
iS 58.5
Compression
Dist. 80 Km

May 06 iP 08:58:03
1966 iS 26.5
Dist. 215 Km

08 iP 00:58:55
eS 59:(03.5)
Dist. about 65 Km

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

May 01 eP 23:25:44
1966

J. Alé
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

May 02 e(P) 15:43:11.2
1966 eS 26.0
i 29.7

eP 16:59:05.6
eS 16.7
i 33.5
Dist. 90 Km

eP 17:24:20.5
iS 42.3
Dist. 190 Km

e(P) 20:01:02
eS 33.3

e(P) 21:30:27.5
eS 31:39.5

eP 21:35:40.9
eS 36:40.7
i 55.2

eP 22:26:23.0
eS 58.5
Dist. 320 Km

03 eP 02:25:33.3
eS 26:20.2
Dist. 450 Km

eP 05:28:46.6
eS 29:14.1
Dist. 240 Km

eP 05:48:32.7
eS 56.4
i 49:09.9

May 03 eS 10:36:52.7
1966
eP 18:42:21.2
eS 47.2
i 48.5
Dist. 230 Km

eP 19:18:43.4
eS 19:20.7
i 21.7
Dist. 330 Km

eP 20:42:32.4
eS 43:05.6
Dist. 290 Km

eP 22:05:03.5
eS 52.3
Dist. 470 Km

eP 22:48:52.7
eS 49:43.0
Dist. 480 Km

04 eP 00:09:48.2
i 48.4
eS 10:26.5
i 28.6
Dist. 340 Km

eP 01:12:37.7
iS 46.3
Dist. 80 Km

eS 04:23:48.7
i 49.3

May 04 eP 05:51:21.5
1966 eS 26.7
Dist. 50 Km

iP 03:04:32.0
e(S) 52.5
i 05:08.7

iP 10:56:11.0
iS 22.0
Dilatation from S
Dist. 90 Km

e(P) 10:58:58.5
eS 59:39.5

iP 23:42:19.3
i(S) 29
Compression from NE

eP 23:48:42.5
iS 49:05.2
Dist. 190 Km

05 eS 03:40:13.2
eP 05:47:17.0
eS 56
Dist. about 350 Km

eS 10:38:36.5
ePKP 14:41:28

e(P) 14:49:38.2
e(S) 42.7

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PROVISIONAL READINGS AT ANTOFAGASTA

May 05 1966	iP iS Dist. 350 Km	20:25:15.7 54.6	May 07 1966	e(P) i iS	07:57:15.5 22.5 52.4	May 08 1966	eP eS i Dist. 300 Km	06:54:16.9 51.5 52.5
	e(P) eS	07:19:24.8 20:42.4		eS	10:35:20.1		eP eS Dist. 130 Km	08:30:20.2 35.7
	eP eS Dist. 390 Km	08:36:33.3 37:14.6		eP eS Dist. 210 Km	15:51:53.7 52:17.7		eS	16:28:29.9
06	e(P) e(S)	08:59:41 09:00:08.8		eP eS i Dist. 240 Km	18:21:22.9 49.8 58.0	09	eP e(S) i	01:33:24.6 34:20.3 30.2
	eP eS i Dist. 170 Km	09:06:13.5 33.6 39.2		eS	18:50:01.0		eP eS i Dist. about 200 Km	03:41:06 29.2 35.2
	eP eS Dist. 340 Km	15:39:20.7 58.6		eP eS Dist. 100 Km	20:55:29.8 43.0		eP eS Dist. about 180 Km	03:59:19 40.9
	e(P) eS i	20:23:08.5 36.0 41.9	08	eP eS Dist. 60 Km	00:27:32.4 38.5			
	eP eS Dist. 150 Km	21:31:20.3 38.7		eS	02:16:16.4			
	eP eS i Dist. 430 Km	22:39:34.0 18.7 19.5		eP eS i Dist. 130 Km	04:16:38.4 53.5 54.7			
07	eP e(S)	05:51:15.5 22.7						

Y. Franulić
Seismologist

IMPRESO AEREO



INTERNATIONAL SEISMOLOGICAL SUMMARY
KEY OBSERVATORY
RICHMOND, SURREY, ENGLAND.

Chile
May 1966

UNIVERSIDAD DE CHILE
Departamento de Geofisica y Geodesia

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 09 eP 21:58:37.5 1966 eS 55.5 Dist. 160 Km	May 11 iP 17:22:28.2 1966 iS 48.8 Dist. 186 Km Compression	May.13 eP 12:26:03.5 1966 e 16.6 e 30.3 eS 34.4 Dist. 290 Km
10 eP 01:53:11 eS 26.5 Dist. 135 Km	iP 21:51:04.7 iS 08.4 Local Dilatation from NE	14 eP 00:11:17.5 eS 40.6 Dist. 210 Km
eP 05:14:44.1 eS 15:01 Dist. 150 Km	12 eP 00:37:53.2 e 38:21.3 eS 25.4 Dist. 300 Km	eP 18:27:53.5 e 28:09.5 e(S) 29:40
eP 07:17:28.5 eS 59 Dist. 185 Km	iP 00:54:01.0 i 08.2 iS 14.5 Dist. 115 Km Dilatation from W	eP 20:35:34.5
eP 08:31:20 eS 29.5 Dist. 75 Km	iP 08:23:38.1 e 46.5 eS 55.8 Compression from NNW Dist. 157 Km	15 eP 17:37:44.5 eS 38:08 Dist. 215 Km Small
iP 17:12:34.6 eS 52.2 Dilatation Small Dist. 155 Km	eP 11:23:(27.5) e 24:35.0 e(S) 25:04.0	eP 18:21:26.6 eS 40.5 Dist. 120 Km Small
11 iP 01:01:03.5 eS 13.0 Dilatation Small Dist. 75 Km	eP 14:09:05.0 e 10:04.0 e 30.3	eP 19:55:23 eS 36 Dist. 110 Km Small
eP 02:13:40 Distant shock	eP 17:37:05.5 e 13.0 eS 19.0 Dist. 115 Km	16 eP 03:08:53.7 Distant shock?
eP 03:56:20.3 e(S) 44.8	eP 19:43:58.3 eS 44:13.9 Dist. 135 Km	eP 14:16:15.5 eS 41.3 Dist. 240 Km
eP 09:00:38.2 iS 01:04.3 Small Dist. 240 Km	13 iP 03:15:57.2 iS 16:09.8 Dilatation Small Dist. 105 Km	iP 16:09:27.5 iS 30.0 Compression from W Local
eP 09:08:31.0 iS 47.3 Dist. 145 Km Small		eP 16:51:28.3 iS 52.0 Dist. 215 Km
iP 13:43:34.0 iS 45.0 Dist. 90 Km Dilatation from NE		

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

May 11 1966	iP iS Dist. 120 Km Dilatation	13:43:34.9 49.0	May 12 1966	eP e eS Dist. 115 Km eP e	00:54:01.0 07.2 14.3 08:23:43.1 52.2	May 13 1966	iP eS Dist. 315 Km	12:26:07.5 41
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E. Lorca
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Apr. 22 1966	eP eS Dist. 160 Km	19:09:24.2 43.4	Apr. 25 1966	eP eS Dist. 620 Km	02:11:36.5 12:40.5
24	eP eS Dist. 280 Km	21:56:19.7 51.9	27	iP eS Dist. 65 Km	04:29:19.1 27.3

L. Cabello
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

May 09 1966	eP eS i Dist. 180 Km e(P) eS eS eP eS Dist. 150 Km eP eS Dist. 150 Km eP eS Dist. 350 Km	13:09:48.3 10:09.8 10.7 15:44:28.3 45:41.6 17:44:17.8 17:47:05 23 18:41:13.9 32.8 19:44:22.0 45:00.5	May 10 1966	eP eS Dist. 450 Km eP iS Dist. 300 Km eP eS Dist. 50 Km eP eS i Dist. 160 Km iP iS Compression from ESE Dist. 360 Km eS eP eS Dist. 430 Km eS eP iS Dist. 180 Km	04:57:35.8 58:23.4 05:07:01.8 07.5 11:34:22.2 27.4 13:03:14.0 42.8 52.8 14:48:40.5 49:20.7	May 11 1966	eP e e(P) eS Dist. 70 Km ePKP ePKS ePPP e eG eR Dist. about 128° Doubtful interpretation eP eS Dist. about 290 Km eP iS Dist. 260 Km 12 eP eS Dist. about 180 Km eP eS Dist. 350 Km	03:57:19.6 58:15.5 07:44:53.5 45:05 14:36:57.5 40:28 41:30 58:00 15:11:30 21:12 15:37:29.5 38:02 19:59:02.0 33.5 04:35:17 38.9 06:32:44.7 33:23.2
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PROVISIONAL READINGS AT ANTOFAGASTA

May 12 1966	eP eS	18:40:58.3 41:36.0	May 14 1966	iP iS	01:04:11.6 29.3	May 14 1966	eP iS	19:07:06.6 34.2	
	Dist.	350 Km		Dist.	150 Km		Dist.	250 Km	
	eS	23:22:50		Compression			eP	21:05:48.6	
13	eP e(S)	01:37:17.3 38:45		e(S)	04:02:42.4		eS	06:21.1	
	e(P) eS	04:43:00.0 38.7		iP iS	04:08:50.1 58.2		Dist.	360 Km	
	e(S)	05:49:51.7		Dilatation from SE		15	iP iS	00:21:02.1 26.6	
	eP eS	10:15:34.8 53.7		Dist.	80 Km		Dist.	210 Km	
	Dist.	160 Km		eP eS	05:45:12.8 55.7		Compression		
	e(P) eS	12:00:07.5 32.5		Dist.	400 Km		iP iS	05:44:25.0 45:00.9	
	eP eS	15:17:06.7 46.2		eP eS	12:49:19.2 52.0		Dist.	320 Km	
	Dist.	360 Km		Dist.	290 Km		eS	07:49:31.7	
	eP eS i	17:28:47.3 53.5 54.3		eP eS	13:05:32.5 06:09.2		Dist.	130 Km	
	Dist.	60 Km		Dist.	320 Km		eS	21:09:44.1	
	e(S) e	19:54:04.5 20.7		iP iS	15:17:40.5 18:17.9		16	eP eS	01:02:36.9 03:12.4
	Two shocks?			Compression from NE			Dist.	320 Km	
				Dist.	330 Km		eP	03:05:53.5	
				eP iP iS	18:27:04.5 05.7 54.6		Distant shock?		
				Compression from SW?			eP	08:07:38.0	
				Dist.	480 Km		e(S)	08:10.2	

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



IMPRESO AEREO

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Chile
May 1966

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 17 1966	eP eL	17:00:59 03:30	May 19 1966	eP eS	15:33:35.5 34:36.5	May 22 1966	eP eS	23:53:44.7 54:04.4
				Dist.	590 Km		Dist.	175 Km
	eP eS	18:46:31.6 46.7		eP eS	19:45:20.4 25.3	23	eP eS	01:06:05.2 34
	Dist.	130 Km		Dist.	40 Km		Dist.	270 Km
	eP eS	21:49:03.5 50:27	20	eP	06:44:20.5		eP eS	05:09:28 59.5
	Dist.	820 Km		Dist.	Distant shock?		Dist.	295 Km
18	iP iS	04:25:27.8 41		iP iS	17:59:25.0 39.7		eP iS	12:48:57 49:11
	Dist.	110 Km		Dist.	130 Km		Dist.	120 Km
	FELT II AT SANTIAGO			Small			eP eS	13:31:13.5 29.5
	iP iS	10:47:37.5 52		eP eS	19:42:20.5 43		Dist.	140 Km
	Dist.	115 Km		Dist.	205 Km		eP e(S)	14:47:(47.5) 48:24
	iP iS	15:53:20.8 23.3	21	eP eS	19:13:57 14:16.5		Dist.	200 Km
	Compression Near by Explosion			Dist.	175 Km		eP eS	15:18:53.5 19:15.5
19	eP eS	00:33:56.2 34:17.6		eP eS	23:46:26.7 43		Dist.	200 Km
	Dist.	195, Km.		Dist.	145 Km		iP iS	16:12:49 59.5
	eP eS	07:30:20.5 37	22	eP e	01:37:(03) 38:17.2		Dist.	85 Km
	Dist.	145 Km		Dist.	400 Km		Compression from SE	
	eP eS	08:22:49		eP eS	07:19:55 20:37		eP e	18:03:14.5 23
	Distant shock			Dist.	400 Km		e(S)	06:15.5

H. Becker
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

May 17 1966	eP	17:00:55.5	May 18 1966	eP eS	10:47:39.5 55	May 23 1966	iP eS	16:12:47 56
				Dist.	135 Km		Dist.	70 Km
18	iP e(S)	04:25:31.1 41.5		eP eS	07:30:23.9 42.5			
	Dilatation FELT II AT SANTIAGO			Dist.	165 Km			

H. Becker
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

May 16 1966	eP eS	23:35:21.5 36:02.9	May 17 1966	ePKP eP i iS	01:18:52.5 08:34:00.2 00.5 17.5	May 17 1966	eP eS	10:45:12.5 47.2
	Dist.	380 Km		Dist.	140 Km		Dist.	310 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

May 17 1966	eP 14:18:07.8 eS 40.4 Dist. 280 Km	May 18 1966	eP 20:18:02.7 eS 28.5 Dist. 220 Km	May 20 1966	eP 12:31:41.8 Local
	eS 15:53:02.9	19	eP 02:05:12.0 eS 34.7 Dist. 190 Km		iP 13:40:47.7 eS 41:27.5 Dist. 360 Km Compression from ESE Dist. 360 Km
	eP 17:02:56.0 epP 03:06 eG 06:53 eR 08.2 Dist. about 23°		iP 03:54:58.8 iS 55:11.4 Dist. 100 Km		iP 15:59:53.1 eS 16:00:17.3 Dist. 200 Km Compression from ENE
	eP 17:53:56.2 eS 54:17.5 Dist. 180 Km		iP 06:32:21.1 iS 56.2 Compression from SE Dist. 310 Km		e(P) 16:33:47.1 eS 34:05.4
	iP 19:00:13.8		eS 09:02:18.0	21	iP 14:05:57.5 eS 06:28.5 Dist. 260 Km Compression from WNW
	eP 21:47:25.1 eS 44.6 Dist. 160 Km		eS 09:32:55.1		e(P) 17:44:32.8 i 33.4 iS 45:12.3 From E
	eS 22:45:29.8		eP 13:47:03.7 eS 21.6 Dist. 150 Km		eP 21:02:01.8 eS 41.0 Dist. 350 Km
	eP 22:48:33.8 eS 52.6 i 56.9 Dist. 160 Km.		ePKP 14:08:05.9		No record from 21-V-66 at 21:30 to 22-V-66 at 05:00.
18	eP 01:24:37.7 eS 25:07.7 Dist. 250 Km		eP 15:32:16.4 e(S) 33:23	22	eP 05:04:57.8 eS 05:33.2 Dist. 310 Km
	eP 04:27.2 e(S) 29:16		eP 17:38:51.5 eS 39:58.3 Compression Dist. 640 Km		
	eP 07:42:19 eS 50:48 eG 57:40 eR 08:02:00 Dist. about 62°		eP 18:02:54.8 eS 03:24.0 Dist. 250 Km		
	eP 13:08:10.8 eS 09:02.2 i 13.0 Dist. 490 Km	20	iP 00:09:15.3 iS 21.9 Dist. 50 Km Compression from NNE		
	iP 14:49:14.8 iS 30.4 Dist. 120 Km		eP 06:42:16.6 Local		
			ePKP 09:34:17.3 eSS 56.3 eR 10:25.0 Dilatation Dist. about 140°		

J. Frez
Seismologist

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 m

May 23 1966	eP 22:33:04.5 iS 18 Dist. 115 Km	May 25 1966	iP 13:33:23 eS 43:31 eSS 49:18 eSSS 52:45 eG 55:48 eR 14:00:01 Dist. 82 ¹⁰ / ₂	May 29 1966	eP 00:17:07.5 iS 19.8 Dist. 105 Km
	eP 23:19:19.3 e 21.5 eS 20:01.2 Dist. 400 Km		e(P) 19:24:20 eS 25:23		eP 12:47:30 eS 51 Dist. 190 Km
	eP 23:42:28.5 eS 44 Dist. 135 Km Small		iP 21:53:59.7 iS 54:02.0 Compression from S Local		eP 14:38:03.3 iS 17.1 Dist. 120 Km
24	iP 04:16:05.6 iS 23.5 Dist. 150 Km	26	iP 06:50:51.1 eS 51:20.3 Compression from NW Dist. 270 Km		eP 18:25:16 eS 35.5 Dist. 175 Km
	eP 05:16:43 eS 17:01 Dist. 160 Km		eP 08:59:(47.5) eS 09:00:25.0 e 32.5 Dist. about 355 Km	30	eP 05:57:04 eS 13.5 Dist. 75 Km Small
	eP 06:23:00.5 eS 18 Dist. 155 Km		iP 14:48:20.3 iS 46.6 Compression from NW Dist. 245 Km		eP 09:03:(02) e(S) 04:04
	eP 07:49:23.5 eS 50:04 Dist. 385 Km		eP 17:37:(29.7) eS 38:(12.0) Dist. about 405 Km		eP 17:14:33 eS 46 Dist. 110 Km Small
	eP 20:22:11 eS 41 Dist. 280 Km		iP 18:24:36.2 iS 48.3 Dilatation Dist. 100 Km		
	iP 20:41:25 iS 35.6 Compression from NW Dist. 85 Km	27	iP 17:38:02.4 iS 15.8 Dilatation Dist. 115 Km		
25	eP 02:46:49.5 eS 47:49 Dist. 575 Km	28	eP 05:31:47 eS 32:02.5 Dist. 135 Km		
	eP 04:46:49.5 eS 47:02 Dist. 105 Km				
	eP 10:45:20.7 eS 45.5 Dist. 230 Km				

H. Becker
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

May 23 1966	iP 22:33:07.5 eS (23.5) Dist. about 140 Km	May 24 1966	eP 05:16:43.5 eS 17:02.3 Dist. 170 Km	May 25 1966	e(P) 19:24:20.5
	e 23:19:27 eS 20:06.6		eP 06:23:00.3 eS 17.5 Dist. 150 Km	26	eP 06:50:53.5 e(S) 51:26.4
24	eP 04:16:05.7 eS 23.6 Dist. 150 Km		iP 20:41:28.5 eS 40.5 Compression Dist. 100 Km		iP 14:48:24.8 eS 52.5 Dist. 260 Km
				27	eP 17:38:01 eS 12 Dist. 90 Km
				28	eP 05:31:42

H. Becker
Seismologist

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PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Apr. 22 eP 03:10:(15)
1966 eR 13:50

Apr. 23 ePKP 00:28:38.6
1966

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

May 17 eP 17:00:(--)
1966 Distant shock

May 25 iP 02:45:55.5
1966 iS 46:00

Dist. 35 Km
FELT I AT CONCEPCION

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

May 05 eP 04:38:18.8
1966 eS 33.9
Dist. 130 Km

May 24 iP 01:58:10.8
1966 iS 20.7
Dist. 80 Km

May 30 eP 08:27:02.3
1966 eS 13.4
Dist. 90 Km

17 iP 21:47:35.4
eS 48:00
Dist. 200 Km

iP 15:42:21.1
eS 36.1
Dist. 120 Km

iP 09:01:50.9
eS 02:01.3
Dist. 85 Km

22 iP 01:36:13
iS 26.2
Dist. 105 Km

25 iP 19:23:19.4
eS 33.1
Dist. 110 Km

eP 10:08:42.9
eS 56.4
Dist. 110 Km

23 iP 18:01:53.8
eS 03:07.1
Dist. 690 Km

26 eP 19:15:07.6
eS 25.1
Dist. 140 Km

31 eP 00:37:43.4
eS 57.8
Dist. 115 km

iP 23:19:33.4
eS 20:24.1
Dist. 465 Km

eP 01:34:00.2
eS 18.2
Dist. 145 Km

L. Cabello
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

May 22 eP 16:21:46.0
1966 iS 22:30.1
Dist. 410 Km

May 22 eP 23:11:48.5
1966 eS 12:01.5
i 02.7
Dist. 100 Km

May 23 eP 06:02:19.9
1966 eS 44.5
Dist. 220 Km

eP 16:32:48.5
eS 33:23.9
Dist. 310 Km

23 eP 00:12:37.8
eS 13:15.3
Dist. 330 Km

eP 07:05:59.3
e(S) 06:11.5
i 17.5

eP 22:03:26.0
eS 04:03.5
Dist. 330 Km

eP 01:36:39.6
eS 54.2
Dist. 110 Km

eP 10:00:20.8
e(S) 31.5

e(P) 11:01:28.0
eS 57.2

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PROVISIONAL READINGS AT ANTOFAGASTA

May 23 1966	eG eR	12:16:10 19:00	May 24 1966	e(S) eP eS Dist.	17:21:16.2 20:43:29 45:20 1090 Km	May 25 1966	eP eS Dist.	16:22:40.0 57.5 150 Km
	ePKP	14:43:04.9		e(P) eS Dist.	21:13:59 14:36.3 1090 Km		eP e(S)	16:31:24 32:31.0
	eP eS Dist.	15:03:17.7 53.8 320 Km		eP eS	00:42:07.1 55.6		eP eS Dist.	17:44:53.8 45:11.8 150 Km
	iP iS Dist.	18:01:09.2 50 360 Km	25	eS Superimposed to precedent one	00:43:32.6		eP e(S) i	18:22:56.6 23:26 41.5
	eP eS Dist.	22:22:31.3 37.6 60 Km		eP eS Dist.	02:33:41.5 54.5 100 Km		iP iS Compression from SW Dist.	19:24:01.6 25:10.2 660 Km
	e(P) e(P) eS	22:33:57.6 34:44.6 36:23.2		e(S) eP eS Dist.	06:23:03 07:55:55.3 56:41.4 440 Km		iP iS Compression from ESE Dist.	20:09:35.6 10:16.7 370 Km
	eP eS Dist.	23:20:17.6 21:35.6 760 Km		e(P) e(S)	08:06:55 07:33.5	26	eP eS Dist.	00:55:04.5 56:17.7 710 Km
24	eP e(S)	01:54:42.4 55:07.9		eP eS	08:48:31.6 10:34:56.7		eP eS Dist.	02:24:56.6 25:09.9 110 Km
	e(P) e(S)	02:00:01.6 08.9		eS eS	10:44:30.6 11:12:45.8		eP eS Dist.	06:42:34.5 43:15.1 360 Km
	eP eS Dist.	03:06:20.8 07:02.1 380 Km		e(P) eS	13:03:32 04:00		e(P) e(S)	14:49:33.2 51:16
	e(S) i	04:20:37.8 43.3		Dist. about 250 Km			eP e(S)	16:25:17.6 30.5
	e(SS) e(R)	07:38:24 49:00		eP eSKS ePS eSS eSSS eG eR Dist.	13:34:04.5 44:40 46:23 51:28 54:55 58:20 14:03:20 about 92°		eP eS Dist.	18:55:40 56:18.2 340 Km
	e(P) eS	07:50:14.5 30.1		eP e(S) i	14:07:44.0 08:08 19		eP iP iS Dist.	19:14:32.7 33.4 45.0 100 Km
	eP eS Dist.	14:01:30.2 51.8 180 Km		eP e(S) i	14:38:38 39:07.5 21.3	27	e(S) eP eS Dist.	03:40:59.1 04:13:09.9 13.9 40 Km
	eP eS Dist.	14:15:06.1 43.9 340 Km		eP eS Dist.	14:52:52.3 53:08.5 130 Km		eP eS Dist.	04:37:56.0 38:08.8 100 Km
	eS	15:07:01.5						
	eP eS Dist.	15:15:05.5 24.0 150 Km						
	eP eS Dist.	16:46:01.5 40.5 260 Km						

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PROVISIONAL READINGS AT ANTOFAGASTA

May 27 1966	eS 04:51:31.2	May 28 1966	eP 20:15:22.9	May 30 1966	e(P) 01:26:13.6
	eS 09:55:12.5		eS 29.5		eS 59.8
	e(P) 10:34:45		Dist. 60 Km		e(P) 02:52:33.5
	eS 54.9		eP 22:08:28.6		eS 53:06.1
	eP 21:25:04.8		eS 09:14.8		Dist. 440 Km
	eS 11.3		Dist. 440 Km		eP 02:57:23.7
	Dist. 60 Km	29	e(P) 03:11:26.5		eS 46.4
	e(P) 23:28:22.5		eS 54.3		i 48.4
	eS 48.2		e(P) 05:08:58.3		Dist. 200 Km
28	e(P) 02:54:57.8		eS 09:58.7		eP 03:27:47.7
	eS 55:34.7		e(P) 06:37:35.7		eS 28:14.1
	e(P) 05:03:49.5		e(S) 38:25.4		i 16.4
	eS 04:19.0		iP 09:41:25.5		Dist. 220 Km
	eP 06:12:23.0		eS 43.9		eP 04:14:04.0
	iS 44.8		i 57.3		eS 30.2
	Dist. 180 Km		Dist. 150 Km		i 40.4
	e(P) 07:33:12.5		eS 11:25:23		Dist. 220 Km
	eS 33.7		eP 16:35:47.5		iP 05:17:51.0
	eP 07:58:28.5		eS 36:56.5		eS 18:32.3
	eS 51.5		Dist. 670 Km		Compression from NE
	i 53.0		eP 16:57:32		Dist. 370 Km
	Dist. 190 Km		eS 47.4		iP 05:55:37.5
	iP 11:44:41.8		Dist. about 120 Km		eS 42.2
	iS 52.1		eP 21:48:11.1		Compression from SE
	Compression from SW		eS 31.9		Dist. 40 Km
	Dist. 90 Km		i 33.4		eP 08:40:12.6
	e(P) 13:21:41.4		Dist. 180 Km		eS 40.0
	eS 22:03.9		eP 23:40:33.6		Dist. 230 Km
	eP 16:41:50.5		eS 45.7		e(P) 09:02:39
	eS 42:36.4		Dist. 190 Km		eS 03:10.8
	Dist. 440 Km.	30	e(P) 00:31:01.1		i 32.9
	e(P) 18:37:20.5		eS 39		e(P) 10:45:20.0
	eS 46.8				eS 44.2

Y. Franulic
Seismologist

CHILE MAY - JUNE 1966

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 31 1966	eP 00:34:41 eS 35:34.5 Dist. 515 Km	Jun.03 1966	iP 11:50:43 iS 51:02 Dilatation from NE Dist. 170 Km	Jun.05 1966	eP 21:12:51 e(S) 14:23 eP 22:35:32 e(S) 36:37
	eP 00:55:50.5 iS 56:07.9 Dist. 155 Km		iP 18:18:44 iS 55.5 Dist. 95 Km Dilatation	06	iP 07:22:05.3 e(S) 19 Dilatation
	iP 06:44:26.0 iS 43.3 Dilatation from NW Dist. 155 Km		iP 23:02:13.4 iS 28.2 Dilatation Dist. 130 Km		eP 08:05:34.7 e 06:24 e 09:12 Distant shock No more readable phases
	eP 17:56:(55) eS 57:28	04	eP 05:31:14.5 Distant shock?		iP 09:57:17.6 iS 48.4 Compression from NNE Dist. 280 Km PZ 0.95 u; 0.5 sec.
Jun.01	eP 06:48:24.7 e(S) 49:42		iP 06:42:50.4 iS 43:00.0 Compression from NW Dist. 75 Km		eP 15:05:01 eS 35.6 Dist. 325 Km
	eP 10:00:08 eS 01:00 Dist. 500 Km		eP 07:51:48.5 iS 52:04.0 Dist. 135 Km		
	eP 12:00:24 e 24:29 Distant shock	05	eP 00:07:51.5 Distant shock?		
	eP 12:20:36 e(S) 23:45		eP 02:53:51 eS 54:18.5 Dist. 255 Km		
	eP 15:39:19.7 iS 28.3 Dist. 65 Km Small		eP 05:38:45.5 e 51 e(S) 39:30		
02	ePKP 07:27:24.6 e 36		eP 17:35:54 e 56.5 iS 08.9 Dist. 130 Km		
03	eP 04:43:29 e(S) 45:19		iP 18:02:07.6 iS 21.0 Compression from NE Dist. 115 Km		
	iP 10:43:43 iS 44:08 Compression from NE Dist. 230 Km				

E. Lorca
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.04 eP 11:18:30.1
 1966 eS 35.6
 Dist. 50 Km

 eP 13:12:41.1
 eS 54.5
 Dist. 110 Km

 eP 14:50:08.0
 iS 51:35.9
 Dist. 860 Km

 eP 18:07:57
 i(S) 08:26

Jun.04 eS 21:29:24.9
 1966
 eP 21:46:08.6
 eS 33.6
 Dist. 220 Km

 eP 21:50:27.2
 eS 51:07.1
 Dist. 360 Km

 05 eP 02:55:01.0
 e(S) 56:26.9

 eP 04:19:04.3
 iS 20:20.3
 Dist. 670 Km

Jun.05 e(P) 08:11:36
 1966 eS 12:04.7

 e(P) 11:22:47.7
 eS 23:46.7

 e(P) 12:33:17
 e(S) 34:46.1

Y. Franulic
 Seismologist

CHILE MAY - JUNE 1966

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 31 1966	eP 00:34:41 eS 35:34.5 Dist. 515 Km	Jun.03 1966	iP 11:50:43 iS 51:02 Dilatation from NE Dist. 170 Km	Jun.05 1966	eP 21:12:51 e(S) 14:23 eP 22:35:32 e(S) 36:37
	eP 00:55:50.5 iS 56:07.9 Dist. 155 Km		iP 18:18:44 iS 55.5 Dist. 95 Km Dilatation	06	iP 07:22:05.3 e(S) 19 Dilatation
	iP 06:44:26.0 iS 43.3 Dilatation from NW Dist. 155 Km		iP 23:02:13.4 iS 28.2 Dilatation Dist. 130 Km		eP 08:05:34.7 e 06:24 e 09:12 Distant shock No more readable phases
	eP 17:56:(55) eS 57:28	04	eP 05:31:14.5 Distant shock?		iP 09:57:17.6 iS 48.4 Compression from NNE Dist. 280 Km PZ 0.95 u; 0.5 sec.
Jun.01	eP 06:48:24.7 e(S) 49:42		iP 06:42:50.4 iS 43:00.0 Compression from NW Dist. 75 Km		eP 15:05:01 eS 35.6 Dist. 325 Km
	eP 10:00:08 eS 01:00 Dist. 500 Km		eP 07:51:48.5 iS 52:04.0 Dist. 135 Km		
	eP 12:00:24 e 24:29 Distant shock	05	eP 00:07:51.5 Distant shock?		
	eP 12:20:36 e(S) 23:45		eP 02:53:51 eS 54:18.5 Dist. 255 Km		
	eP 15:39:19.7 iS 28.3 Dist. 65 Km Small		eP 05:38:45.5 e 51 e(S) 39:30		
02	ePKP 07:27:24.6 e 36		eP 17:35:54 e 56.5 iS 08.9 Dist. 130 Km		
03	eP 04:43:29 e(S) 45:19		iP 18:02:07.6 iS 21.0 Compression from NE Dist. 115 Km		
	iP 10:43:43 iS 44:08 Compression from NE Dist. 230 Km				

E. Lorca
 Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jun.03 1966	iP 18:18:43 eS 18:52.5 Dist. 75 Km Small local	Jun.05 1966	eP 02:53:54.8 eS 54:24.8 Dist. 280 Km	Jun.06 1966	iP 09:57:21 eS 52 Compression Dist. 290 Km
	eP 23:02:16.5 eS 02:34 Dist. 155 Km Small		e(P) 05:38:49 e(S) 39:31	07	eP 01:04:07.8 Distant shock
04	iP 06:42:52.6 e(S) 43:07 Compression		e(P) 17:36:00.2 iS 15.2		eP 07:28:59.3 e(S) 29:22.5
	eP 18:10:11.5 e(S) 12:48 eR 13:36.5 Dist. about 14½°	06	eP 18:02:10.4 eS 25.5 Small Dist. 130 Km		iP 09:16:02.3 iS 18.3 Compression Dist. 140 Km
05	eP 00:07:52.4 Distant shock		eP 07:22:02.5 iS 11.5 Small local Dist. 70 Km		eP 14:19:09.2 Distant shock
			eP 08:05:34 e 06:33.5 Distant shock		E. Lorca Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jun.01 1966	eP 06:47:31 eS 46 Dist. 130 Km	Jun.05 1966	eP 22:34:39 eS 35:00 Dist. 180 Km	Jun.06 1966	eP 17:37:33 Small
05	eP 05:38:00 eS 07 Dist. 55 Km FELT I AT CONCEPCION			07	eP 01:04:42 Distant shock
					A. Sickinger Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

May 31 1966	eP 21:31:40.3 eS 32:00.6 Dist. 275 Km	Jun.03 1966	eP 04:42:15.3 eS 42:47.5 Dist. 280 Km	Jun.05 1966	iP 21:11:34.1 eS 12:10.2 Dist. 315 Km
Jun.01 1966	eP 09:59:46.9 eS 10:00:14.9 Dist. 240 Km		eP 10:43:57.1 eS 44:41.8 Dist. 400 Km		eP 22:33:23.1 eS 39.8 Dist. 135 Km
02	eP 18:54:51 eS 55:07.5 Dist. 125 Km		eP 11:51:26.7 eS 52:17.4 Dist. 465 Km	06	eP 03:42:44.4 eS 54.6 Dist. 80 Km
	eP 20:23:52.9 eS 24:02.8 Dist. 80 Km	04	eP 18:08:43.5 e(S) 11:29.7		eP 16:51:17.9 eS 40.7 Dist. 190 Km
	eP 22:39:47.4 eS 59.4 Dist. 45 Km	05	iP 12:33:22.0 eS 32.1 Dist. 80 Km	07	e(P) 01:00:37.8 e(S) 02:37.2
			eP 17:36:07.1 eS 54.2 Dist. 430 Km		eP 04:15:12.2 eS 23.2 Dist. 80 Km
					L. Cabello Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

May 30 1966	eP 14:31:17.8 eS 56.0 Dist. 340 Km	Jun.01 1966	e(P) 02:48:27 e(S) 53	Jun.02 1966	e(S) 18:56:19
	eP 17:53:44.8 eS 49.5 Dist. 40 Km		e(P) 05:11:29 eS 40.9	03 1966	eP 01:42:17 e(S) 42.5
	e(P) 18:47:22.4 eS 32.8 i 48.6		eP 06:56:47.9 e(S) 57:01.8 i 03.1		iP 04:41:53.8 iS 42:07 Dilatation from S Dist. about 100 Km
	eP 22:31:52.2 iS 32:22.7 Dist. 270 Km		eP 10:01:17 e(S) 02:03.9		e(S) 07:51:21.9
31 1966	eP 00:34:45.3 eS 35:40.4 i 36:03.7 Dist. 530 Km		eP 09:50:48 eS 51:12		eP 10:44:41.5 i 47.7 iS 46:12.9 Dist. 900 Km
	eP 02:59:49 eS 03:00:34.9 i 35.9 Dist. 440 Km		e(P) 15:30:44.3 eS 31:07.3		iP 11:26:31.1 eS 52.7 i 58 Compression from E Dist. 180 Km
	eS 06:48:18.0		eP 15:48:07.2 eS 13.8 Dist. 60 Km		eP 13:41:49.6 eS 42:11.0 Dist. 190 Km
	eP 10:43:48.3 eS 44:28.3 Dist. 360 Km		eP 18:20:20.6 eS 21:40.7 Dist. 780 Km		eP 16:56:02.9 e(S) 56:30.7 i 36.0
	eP 11:01:01 eS 37.1 i 38.4 Dist. about 320 Km		e(P) 18:33 23 e(S) 48		eS 19:59:38.5
	eP 12:34:55 eS 35:31.4 Dist. about 320 Km	02 1966	eP 22:27:55 iS 28:16.8 Dist. 180 Km		eP 20:33:39.6 iS 44.9 Dist. 50 Km
	iP 15:37:13.8 iS 58.1 Compression from ESE Dist. 400 Km		eP 02:34:06.9 iS 48.3 Dist. 370 Km		eP 21:02:19.6 eS 57.6 i 03:06.8 Dist. 340 Km
	eP 21:31:43.2 eS 59.2 i 32:07.5 Dist. 130 Km		e(P) 03:13:38.4 eS 59.6	04 1966	iP 00:51:05.1 iS 09.6 Dist. 40 Km Dilatation from SW
	iP 21:36:39.2 iS 56.4 Compression from E Dist. 140 Km		eP 07:27:47.7		iP 04:31:02.3 iS 22.1 Dist. 160 Km Dilatation from NW
Jun.01 1966	e(P) 01:02:47 eS 03:12		eP 15:16:09.3 eS 40.3 Dist. 280 Km		eP 07:27:20.0 eS 31.6 Dist. 90 Km
			eP 15:41:40.3		e(P) 10:06:37.5 e(S) 09:41.6
			eP 17:07:22.2 e(S) 08:47.2 i 58.3		
			eP 17:52:21		
			eP 18:01:15.9 eS 40.4 Dist. 110 Km		

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.04 eP	11:18:30.1	Jun.04 eS	21:29:24.9	Jun.05 e(P)	08:11:36
1966 eS	35.6	1966		1966 eS	12:04.7
Dist. 50 Km		eP	21:46:08.6	e(P)	11:22:47.7
eP	13:12:41.1	eS	33.6	eS	23:46.7
eS	54.5	Dist. 220 Km		e(P)	12:33:17
Dist. 110 Km		eP	21:50:27.2	e(S)	34:46.1
eP	14:50:08.0	eS	51:07.1		
iS	51:35.9	Dist. 360 Km			
Dist. 860 Km		05 eP	02:55:01.0		
eP	18:07:57	e(S)	56:26.9		
i(S)	08:26	eP	04:19:04.3		
		iS	20:20.3		
		Dist. 670 Km			

Y. Franulic
 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO

Chile
June 66

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

06 eP 21:07:02 Distant shock	Jun.08 eP 19:59:46.5 1966 eS 20:00:20.3 Dist. 340 Km	Jun.10 eP 08:17:48 1966 Distant shock?
07 eP 01:04:02.7 eS 07:31 eR 08:30 Dist. about 160 Magnitude about 5.5 eP 03:00:33.5 Distant shock	09 ePKP 00:32:01.3 eP 03:00:15 iS 29.7 Dist. 130 Km eP 04:20:52	eP 08:30:41.3 eS 58.4 Dist. 150 Km eP 09:48:41 eS 50:05.6 Dist. 225 Km
iP 07:28:55.2 iS 29:12.5 Dilatation from NW Dist. 155 Km	ePKP 04:22:35.7 eP 07:15:50.3 eS 16:04.5 Dist. 120 Km	eP 13:27:36.5 eS 54 Dist. 155 Km eP 15:19:17 eS 54 Dist. 350 Km
iP 09:16:05.4 iS 23.0 Compression from SSE Dist. 155 Km	eP 07:23:52.5 eS 24:27.5 Dist. 330 Km	11 eP 13:03:30.3 eS 04:16 Dist. 440 Km eP 21:23:13 eS 26.2 Dist. 115 Km
eP 14:19:08.3 i 08.9 Distant shock No more phases readable	eP 14:08:49 eS 09:25 Dist. 340 Km iP 17:25:59.2 iS 36 Dilatation from NE Dist. 50 Km	12 IP 08:07:26 iS 37.9 Dilatation Dist. 100 Km eP 09:50:58 eS 52:14 Dist. 740 Km
eP 15:18:56.5 e(S) 22:38.5 eP 20:29:40.5 e(S) 31:19.5 iP 21:59:43.4 iS 46 Compression Near Explosion?	eP 17:57:27 eS 58:03 Dist. 340 Km eP 18:09:59.5 eS 10:33 Dist. 315 Km	eP 17:44:50.5 e(S) 46:25 eP 20:18:10.3 eS 28.5 Dist. 70 Km
08 eP 02:28:00.5 eS 26.5 Dist. 240 Km eP 09:18:55.1 eS 19:07.8 Dist. 105 Km eP 14:07:12 eS 47.5 Dist. 335 Km eP 15:01:08.5 eS 04:50 eR 06:45 e 09:48 Dist. 200 eP 15:54:22.5 eS 25 Near Explosion?	10 eP 04:52:26.2 eS 47.4 Dist. 190 Km eP 05:53:25.7 eS 38.6 Dist. 110 Km eP 05:58:20 eS 30 Dist. 80 Km eP 06:44:50.5 eP 06:45:51.2 eS 46:17.2 Dist. 240 Km eP 07:48:00.5 eS 49:10.3 Dist. 680 Km	13 iP 05:28:12.5 iS 54.0 Compression from NW Dist. 395 Km eP 07:05:16 eS 06:21.2 Dist. 635 Km eP 13:16:11.2 eS 37.7 Dist. 105 Km

E. Jorda
Seismologist

Departamento de Geofísica y Sismología

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jun.09 eP 03:00:20.5	Jun.13 eP 05:28:17.6
1966 i(s) 35	1966 s 39
	iS 29:01
12 eP 19:27:33.5	Dist. 410 Km
Distant shock	

E. Lorea
 Seismologist.

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jun.09 eP 10:16:33	Jun.10 eP 09:47:47
1966 eS 44	1966 Small
Dist. 90 Km	A. Sickinger
	Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Jun.08 eP 11:57:56.3	Jun.09 iP 17:57:08.5	Jun.10 eP 07:47:03.1
1966 eS 59.7	1966 eS 26.7	1966 eS 23.2
Dist. 30 Km	Dist. 200 Km	Dist. 160 Km
eP 15:02:34.6	eP 20:05:53.3	eP 08:51:28.2
eS 04:33.7	eS 06:06.4	eS 41.5
Dist. 10°	Dist. 105 Km	Dist. 110 Km
09 eP 03:00:36.1		
eS 01:26.3		
Dist. 460 Km		
		L. Cabello
		Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Jun.06 ePKP 08:05:35.5	Jun.07 eP 14:18:49.5
1966 ipPKP 06:31.0	1966 Distant shock
No more phases	
07 eP 01:07:04	E. Lorea
eS 12:58	Seismologist
eL 18:00	
Dist. about 35°	

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 13" S 70° 24' 55" W h 80 m

Jun.05 eP 16:47:31.3	Jun.06 iP KP 08:05:21.5	Jun.06 eP 09:50:11.1
1966 eS 48:00	1966 i 06:18	1966 i 17.2
Dist. about 240 Km	ePP 07:00	i(s) 22:58.2
e(P) 17:37:10	ePKS 08:56	
e(S) 38:28.5	ePP 10:00	07 eP 01:07:07
iP 21:11:10.3	eSKKS 14:14	i 02.1
iS 23.9	eSS 24:00	iS 03:38
Dilatation from SE	eSSS 28:56	eR 04:00
Dist. 110 Km	eG 37:54	Dist. about 9°
	Dist. about 125°	
	Doubtful interpretation	eP 03:26:18
		eS 22:19.6
		i 22.6
		Dist. about 990 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.07	eS	07:32:44.7	Jun 08	eP	14:59:12.3
1966			1966	eS	15:00:52.5
	eP	09:35:23.0		Dist.	360 Km
	eS	29.3		iP	15:03:02.6
	Dist.	60 Km		iS	47.0
				Dist.	420 Km
	eP	11:11:38		eP	22:09:14
	eS	12:24		eS	49.4
	Dist.	about 420 Km		i	50.8
				Dist.	about 320 Km
	eP	14:19:18.2		eP	23:12:21.5
	ePP	23:38		e(S)	54
	eSSP	33:14		i	13:25.9
	eSS	38:00			
	eSSS	42:00			
	eG	47:00			
	eR	55:--			
	Dist.	about 102°	09	eP	03:01:32.2
				e(S)	02:41.5
	eP	15:17:00		eP	16:33:22.2
	eS	18:41.7		eS	34:09.8
	Dist.	about 360 Km		i	10.5
				Dist.	450 Km
	e(P)	17:23:43		eP	17:57:53.5
	i	24:01.5		e(S)	58:50.5
	iS	07.0			
	eP	20:02:39.5		eP	22:04:37.0
	eS	03:15.8		eS	05:12.8
	i	17.3		Dist.	320 Km
	Dist.	320 Km			
	eP	23:48:32.1	10	iP	02:21:45.6
				eS	22:24.2
08	eP	10:18:08.0		i	27.2
	eS	46.4		Compression	
	Dist.	340 Km		Dist.	340 Km
	iP	11:56:50.6			
	iS	57:27.7			
	Dist.	330 Km			

J. Frez
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY,
KEW OBSERVATORY
RICHMOND SURREY ENGLAND.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

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IMPRESO AEREO

Chile

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June 66

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jun.14 eP 02:59:36	Jun.16 eP 16:47:47	Jun.19 iP 12:05:55.0
1966 e(S) 03:00:26.6	1966 i 51.0	1966 iS 06:07.0
iP 12:18:45.6	i(S) 48:31	Dilatation from NW
iS 48.0	eP 18:35:50	Dist. 100 Km
Compression from WSW	e(S) 36:40.5	eP 15:03:14
Explosion?	eP 20:50:05	eS 42
eP 16:02:55	e(S) 51:54	Dist. 260 Km
iS 03:09.3	eP 23:45:27	eP 15:45:07
Dist. 125 Km	e(S) 46:31	Distant shock?
15 eP 01:14:36	17 eP 18:49:50	eP 16:58:46
ePP 19:22	e(A) 50:33.5	e(S) 59:03
eSKS 25:11	18 eP 08:53:43	20 eP 03:57:16.9
eSKKS 26:26	i 44.5	eS 27.7
ePS 29:03	iS 54:15.5	Dist. 90 Km
ePPS 30:34	eP 17:20:08	eP 06:14:40.1
eSS 35:08	eS 21:09	eS 52.6
eSSS 39:35	Dist. 590 Km	Dist. 95 Km
eG 47:48	19 eP 12:04:51	
Dist. about 112°	eS 05:15	
iP 03:19:35.3	Small	
iS 45.0	Dist. 220 Km	
Dilatation from NE		
Dist. 85 Km		
eP 11:33:33.0		
e(S) 34:28		
eP 17:07:17		
e(S) 08:16.5		

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jun.16 eP 16:47:47.5
1966 e 48:10.3

E. Lorca
Seismologist

PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Jun.15 eP 01:13:48
1966 ePP 18:00
ePPP 20:22
eSKS 24:26
eSPS 33:00
eG 43:00
Dist. about 103°
Magnitude about 7

E. Lorca
Seismologist

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PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Jun.12 iP 19:27:01.8	Jun.13 iP 05:27:56.7	Jun.15 eP 11:32:57
1966 eS 29.7	1966 eS 28:25.3	1966 eS 33:16
Dist. 240 Km	Dist. 255 Km	Dist. 155 Km
	iP 07:04:05.9	Continue on page 4.
13 eP 01:11:38.0	eS 14.6	
eS 13:07.3	Dist. 70 Km	
Dist. 850 Km		

L. Cabello
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jun.15 eP 17:06:21	Jun.16 eP 23:44:35	Jun.18 eP 17:19:13
1966 eS 29	1966 17 eP 02:18:41	1966 iS 35
Dist. 65 Km	eS 46.5	Dist. 180 Km
	Dist. 45 Km	20 eP 23:49:35
16 iP 18:33:51		iS 53
iS 56		Dist. 145 Km
Dist. 40 Km		

A. Sickinger
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jun.10 eS 07:49:09.7	Jun.11 iP 14:28:16.5	Jun.12 e(P) 09:06:57.2
1966 eP 08:15:32	1966 iS 34.5	1966 eS 07:37.8
eS 17:36.7	Compression from NE	eP 19:27:43.4
Dist. about 1.000 Km	Dist. 150 Km	i 46.8
	eP 17:50:53.0	iS 28:43.7
eP 14:16:12.5	eS 51:21.4	Dist. 580 Km
eS 17:56.5	Dist. 250 Km	
Dist. 1.000 Km	eP 18:44:55.0	13 eP 01:10:47.9
iP 22:06:48.2	eS 45:35.4	i 51.4
iS 07:24.3	Dist. 360 Km	iS 11:25.6
Compression		Dist. 340 Km
Dist. 320 Km	eP 20:44:45.2	eP 05:28:41
	eS 45:26.2	f(S) 29:47.6
11 eP 03:50:04.2	Dist. 360 Km	i 30:10
e(S) 10.7	eP 22:20:43.2	eP 07:04:44.6
i 13.3	iS 21:21.1	i 44.9
eP 07:26:55.8	Dist. 340 Km	iS 05:47.4
eS 27:16.3		Dist. 610 Km
Dist. 170 Km	12 eP 06:08:31.4	e(P) 10:04:02.6
	eS 56.4	eS 25.8
iP 08:57:06.6	i 57.8	
iS 32.3	Dist. 210 Km	iP 15:26:58.9
Compression 16.5	eP 07:12:45.6	iS 27:39.9
Dist. 220 Km	eS 13:07.4	Compression
eP 11:09:20.8	Dist. 180 Km	Dist. 360 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.13 1966	eP	17:34:40.8	Jun.15 1966	eP	18:14:56.6	Jun.18 1966	iP	20:10:09.0
	eS	35:06.8		eS	15:15		iS	48.6
	i	08.7		Dist.	150 Km		Dist.	360 Km
	Dist.	220 Km					Compression	from NE
	e(P)	20:49:16.3	16	eP	06:04:58.7	19	eP	02:20:26.2
	eP	22:23:24.8		eS	05:37.6		eS	59.7
	eS	24:00.7		Dist.	340 Km		Dist.	290 Km
	Dist.	320 Km		eP	07:05:40		eP	02:35:35.7
14	e(S)	03:01:58.0		Local			eS	36:28
	e(P)	05:49:24		e(P)	08:30:46		Dist.	about 490 Km
	eS	48		eS	31:10.0		eP	07:51:26.9
	eP	08:56:12.8		eP	08:37:52.4		eS	33.7
	i(S)	57:12		eS	56.7		Dist.	60 Km
	eP	09:07:07.8		Dist.	40 Km		eP	13:18:27.8
	eS	29.5		eP	10:20:53.2		eS	48.3
	Dist.	180 Km		eS	21:29.6		i	50.8
	eP	10:04:56		Dist.	320 Km		Dist.	170 Km
	eS	05:14		e(P)	16:48:09.1		e(P)	13:43:07
	Dist.	about 150 Km		iS	49:36.5		eS	32.8
	e(P)	18:00:24.5		iP	20:33:21.5		iP	15:43:11.3
	eS	01:07.5		iS	34:01		eS	44:53.8
15	iP	01:07:43.1		Dilatation	from NE		i	56.8
	eS	08:25.6		Dist.	about 360 Km		Compression	from NW?
	i	26.3		17	eP	01:33:57.2	Dist.	390 Km
	Dist.	380 Km		eS	34:33.0		iP	19:27:18.0
	eP	01:15:00		Dist.	320 Km		eS	46.5
	ePP	19:54		eP	03:42:05.1		i	48.3
	eSKS	25:30		eS	40.8		Compression	from NE
	eSKKS	27:00		Dist.	320 Km		Dist.	240 Km
	ePS	29:50		e(P)	13:12:12		eS	20:31:44
	eSPP	31:10		eS	42.5		e(P)	22:04:40.6
	eSS	36:41		Dist.	320 Km		i	43.1
	ePSS	37:00		eS	18:51:46.3		iS	05:10
	eSSS	41:00		iP	21:58:53.3		eP	22:38:14.4
	Dist.	about 118°		iS	59:34.1		eS	57.4
	eP	03:48:05.8		Compression	from SE		Dist.	400 Km
	e(S)	29.6		Dist.	360 Km		20	iP
	eP	04:45:28.4		18	eS	00:48:25.6		02:53:27.9
	e(S)	47.8		iP	03:30:14.1		eS	54:11.0
	eP	10:32:41.5		iS	40.6		i	11.5
	iS	33:05.5		Dist.	230 Km		Dilatation	from NE
	Dist.	210 Km		Dilatation			Dist.	500 Km
	e(P)	11:33:46.5		eP	08:49:17		eS	04:26:59.7
	eS	34:29.5		eS	47		eP	04:35:19.4
	e(P)	12:07:40		Dist.	about 180 Km		eS	57.5
	eS	08:07.5					Dist.	350 Km
				eP	09:57:25.3		e(P)	07:58:51.5
				i	26.7		eS	59:32
				iS	55		eS	09:54:18
				Dist.	about 270 Km		eSS	55:42
							e(R)	56:53

Y. Franulic
Seismologist

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PROVISIONAL READINGS AT COPIAPO

Jun.16	iP	16:47:24.5	Jun.18	eP	03:30:37.8	Jun.20	eP	02:53:49.5
1966	eS	53.5	1966	eS	31:31.7	1966	eS	54:51.5
	Dist.	250 Km		Dist.	495 Km		Dist.	565 Km
	iP	20:33:52.3		eP	07:21:16.8		eP	03:23:50.0
	eS	35:01.1		eS	36.6		eS	24:21.0
	Dist.	645 Km		Dist.	160 Km		Dist.	265 Km
17	i(P)	00:07:11.4		iP	20:10:31.8		iP	09:34:54.8
	eP	00:21:26.9		iS	11:32.2		eS	35:18.6
	eS	43.4		Dist.	565 Km		Dist.	195 Km
	Dist.	135 Km	19	eP	02:35:07.4		eP	17:51:34.9
	eP	03:41:43.5		eS	38.1		eS	52:07.2
	eS	43:11.3		Dist.	270 Km		Dist.	260 Km
	Dist.	835 Km		eP	11:02:48.6		eP	19:21:58.5
	iP	04:54:20.9		eS	59.5		eS	22:09.8
	iS	33.3		Dist.	90 Km		Dist.	90 Km
	Dist.	100 Km		eP	19:27:16.1		eP	20:21:05.1
	iP	18:50:29.0		eS	28:34.6		eS	42.1
	eS	55.1		Dist.	740 Km		Dist.	325 Km
	Dist.	220 Km		eP	20:31:05.4		eP	23:39:57.8
	eP	21:59:15.9		eS	30.3		eS	40:38.4
	eS	22:00:16.8		Dist.	205 Km		Dist.	375 Km
	Dist.	570 Km		iP	22:05:19.5		eP	23:51:13.2
				eS	06:06.8		eS	52:51.9
				Dist.	430 Km		Dist.	920 Km

L. Cabello
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

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IMPRESO AEREO

UNIVERSIDAD DE CHILE
Departamento de Geofisica y Geodesia

Chile
June '66

Casilla 2777
Santiago, Chile

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PROVISIONAL READINGS AT PELEDEQUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jun. 20 1966	iP 17:50:58.2 iS 51:20.2 Dist. 200 Km Compression from NE	Jun. 22 1966	eP 20:47:(22) Distant shock	Jun. 26 1966	eP 03:51:02.7 eS 52:(04.3) Dist. about 595 Km
	eP 20:21:11.5 e(S) 43	23	eP 02:29:(21.5) eS 49.3 Dist. about 250 Km		eP 10:38:05 e 09 e(S) 52
	iP 23:49:57.5 iS 50:38 Dist. 385 Km		eP 12:12:40 eS 13:10 Dist. 280 Km	27	eP 01:45:(07) e(S) 44
21	eP 03:26:00 eS 19 Dist. 170 Km	24	eP 16:08:18 eS 20.3 Near Explosion?		iP 03:01:13.3 iS 23.5 Dilatation from SW Dist. 80 Km
	eP 11:26:19 eS 46 Dist. 250 Km	25	iP 08:55:16.5 eS 40.3 Dist. 220 Km		eP 04:59:46 eS 05:00:26 Dist. 380 Km
22	eP 02:39:40 e(S) 40:26		eP 17:41:41 eS 42:08 Dist. 250 Km		iP 08:22:44.8 iS 55.2 Dilatation Dist. 85 Km
	iP 02:44:58.6 iS 45:14 Dilatation Dist. 135 Km		eP 18:30:31.2 eS 31:15.5 Dist. 425 Km		eP 11:01:01 Distant shock
	eP 11:22:40.2 iS 23:11.7 Dist. 295 Km		eP 21:41:20.5 eS 42:09.6 Dist. 470 Km		eP 11:19:10 Distant shock
	eP 13:00:11.3 e(S) 50	26	iP 03:17:33.5 eS 50.3 Dilatation Dist. 150 Km		

E. Lorca
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jun. 20 1966	eP 23:49:55	Jun. 24 1966	iP 10:06:12.9 e(S) 21	Jun. 27 1966	iP 03:01:11.5 i 19.1 e(S) 25
21	eP 03:25:58.4 Small local	25	eP 08:55:20.3 e(S) 40.6		iP 08:22:46.2 iS 56.7 Dist. 85 Km
22	eP 02:39:44.5 e(S) 40:41		iP 17:41:45.9 e(S) 42:11 Dilatation		
	eP 02:44:57 i 45:05.5 eS 10.0 Dist. 110 Km		eP 18:30:(40) eS 31:27.5 Dist. about 450 Km		
	eP 20:47:(27) e(R) 50:18 Distant shock	26	eP 03:51:(12) e(S) 52:20		
	iP 21:31:10.3 iS 19.8 Dist. 75 Km				

E. Lorca
Seismologist

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PROVISIONAL READINGS AT SOMBRERO

52° 46' 51" S 69° 14' 32" W h 73 m

Jun. 22 eP 20:48:29
1966 e(PP) 51:04
e 21:00:46

E. Lorca
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Jun. 21 eP 01:42:56.9
1966 eS 43:09.5
Dist. 110 Km

eP 01:49:43.0
eS 50:41.1
Dist. 530 Km

eP 05:02:26.3
eS 39.4
Dist. 105 Km

eP 06:06:51.4
eS 07:28.0
Dist. 320 Km

eP 06:24:59.9
eS 25:37.3
Dist. 350 Km

eP 07:03:17.1
eS 27.4
Dist. 75 Km

eP 14:52:57.4
eS 53:15.4
Dist. 145 Km

eP 19:17:53.9
eS 18:42.7
Dist. 445 Km

eP 23:32:58.4
eS 33:09.0
Dist. 90 Km

22 eP 00:08:40.8
eS 09:36.7
Dist. 515 Km

iP 02:39:40.8
eS 40:24.6
Dist. 395 Km

eP 05:24:48.4
eS 25:19.7
Dist. 270 km

eP 08:32:24.2
eS 33:20.8
Dist. 520 Km

Jun. 22 eP 11:23:08.0
1966 eS 24:12.3
Dist. 600 Km

eP 13:00:15.3
eS 01:13.0
Dist. 535 Km

iP 14:39:44.8
eS 56.3
Dist. 90 Km

eP 17:27:41.5
eS 55.2
Dist. 110 Km

eP 20:47:38.2
e(S) 48:28.1

eP 21:32:07.1
e(S) 33:25.7

23 eP 00:22:38.7
eS 24:26.4
Dist. 1000 Km

eP 05:24:55.2
eS 26:09.7
Dist. 690 Km

eP 12:45:15.1
eS 38.4
Dist. 190 Km

eP 16:48:41.6
eS 49:24.9
Dist. 390 Km

24 eP 00:59:44.5
eS 58.1
Dist. 110 Km

e(P) 02:51:48.6
e 52:46.5
eS 53:24.2

iP 07:42:49.9
eS 43:12.0
Dist. 180 Km

Jun. 24 eP 10:07:38.8
1966 i 57.7
e(S) 09:15.4

iP 13:36:04.4
eS 54.3
Dist. 455 Km

iP 22:05:40.7
eS 51.5
Dist. 85 Km

25 eP 03:24:31.5
eS 42.0
Dist. 85 Km

eP 03:40:35.1
eS 46.6
Dist. 95 Km

eP 06:43:12.0
eS 19.5
Dist. 60 Km

eP 08:55:44.4
e 56:20.1
eS 30.8
Dist. 420 Km

iP 08:57:50.8
eS 58:06.9
Dist. 100 Km

eP 16:51:14.9
eS 23.6
Dist. 70 Km

iP 17:42:10.7
eS 32.6
Dist. 185 Km

iP 18:30:27.4
eS 31:10.2
Dist. 385 Km

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PROVISIONAL READINGS AT COPIAPO

Jun. 25 1966	eP 20:16:34.2 eS 17:23.4 Dist. 450 Km	Jun. 26 1966	eP 10:38:11.4 eS 39:08.3 Dist. 530 Km	Jun. 27 1966	eP 03:37:31.4 eS 44.3 Dist. 105 Km
26	eP 04:35:27.4 eS 42.5 Dist. 120 Km		eP 20:03:41.1 eS 04:33.6 Dist. 475 Km		eP 03:43:09.5 eS 30.4 Dist. 170 Km
	eP 05:04:20.4 eS 05:26.6 Dist. 615 Km	27	eP 01:45:10.7 eS 46:00.5 Dist. 455 Km		eP 16:07:17.6 eS 56.4 Dist. 340 Km
	iP 08:50:17.1 eS 32.4 Dist. 125 Km				

L. Cabello
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jun. 20 1966	e(P) 17:11:04 e(S) 33.5 e(P) 17:30:06.0 eS 31:16 e(P) 18:22:11.6 eS 15.7 eP 23:39:37.9 eS 54 Dist. about 130 Km	Jun. 21 1966	e(P) 18:17:46 eS 18:08.7 i 10.7 iP 19:17:40.2 iS 18:16.4 Compression Dist. 320 Km	Jun. 22 1966	eP 21:33:13.7 e(S) 35:00.2
	e(P) 23:52:07.3 e(S) 54:56		eP 22:54:54.5 eS 55:53.2 Dist. 570 Km	23	eP 00:21:51.2 i 51.3 iS 23:02.2 Dist. 590 Km
21	eP 01:49:33.4 eS 50:10.2 Dist. 320 Km	22	iP 00:07:52.1 iS 08:17 Dilatation from NE Dist. 210 Km		e(P) 02:42:16.9 e(S) 33.4
	e(P) 06:06:09.3 e 33.5 e 46.2		e(P) 02:40:36 e(S) 41:48		eP 05:18:32.7 eS 57.5 Dist. 210 Km
	eP 06:24:17.3 iS 25.9 Dist. 80 Km		iP 08:32:06.5 iS 47.8 Compression from E Dist. 360 Km		eS 06:00:54.5 eP 08:53:20.0 eS 51.6 Dist. 680 Km
	eP 09:18:40.6 i 40.9 e(S) 19:26.6		eS 14:40:53.4	24	eS 02:43:22.9
	e(P) 13:32:44 e(S) 33:22		eP 15:08:59.8 eS 09:21.5 Dist. 180 Km		e(P) 04:24:56 eS 25:33.6
	e(P) 17:37:14.9 e(S) 41.0 i 42.7		eS 16:40:04.1		eP 05:40:32.7 eS 41:07.3 Dist. 310 Km
			ePKP 20:47:47.9 e(pPKP) 48:53 e 49:53		e(P) 07:14:09 e(S) 26
					e(P) 09:23:50 eS 24:21.1

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



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IMPRESO AEREO

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Chile
June 66

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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

Jun. 28 1966	eP 04:50:04.3 eS 54 Dist. 480 Km.	Jul. 01 1966	eP 01:44:22.7 eS 40.2 Small Dist. 155 Km	Jul. 03 1966	eP 06:36:(50.7) e(S) 37:59.7 iP 11:45:26.8 eS 46:13.3 Dilatation Dist. 445 Km.
	eP 08:53:27.4 e(S) 54:52.5		eP 03:32:24.5 eS 46.6 Small Dist. 200 Km.	04	eP 00:09:23.4 Distant shock
	iP 11:07:04.5 eS 26.8 Dist. 205 Km.		eP 06:10:29.2 Distant shock		eP 00:56:45.9 e 47.9 e(S) 58:52
	eP 21:50:41.5 51.6 Dist. 80 Km.		eP 04:21:15.7 eS 40 Dist. 225 Km.		e(P) 03:14:41.7 Distant shock?
29	eP 21:21:11.5 e(S) 22:10.3		eP 14:39:29 eS 56 Dist. 250 Km.		eP 03:51:21.5 eS 44.5 Small Dist. 210 Km.
30	eP 00:30:18.2 eS 31 Dist. 110 Km.	02	eP 06:53:19.8 iS 29.5 Small Dist. 75 Km.		eP 10:00:35.4 eS 01:07.7 Dist. 305 Km.
	eP 03:46:35.7 e 47:55.8		eP 07:24:26 e(S) 25:34		eP 12:27:48 Distant shock
	eP 09:18:12.4 eS 35.8 Dist. 215 Km.		eP 14:26:35.8 eS 46 Small Dist. 75 Km.		eP 13:53:32.1 i 47.6 eS 54:32.3 Dist. 580 Km.
	eP 09:47:02.5 eS 15.3 Dist. 110 Km.	03	eP 03:01:05.7 eS 40.6 Dist. 350 Km. Small.		ePKP 18:52:42.8 ePP 54:47 eSKS 59:28 eSSKS 19:00:48 ePSS 12:00 eSSS 16:18 eG 26:14 Dist. 126° Magnitude about 6.5
	eP 15:34:28.5 e(S) 35:48				
	eP 22:27:21 Distant Shock ?				

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Jun. 28 1966 iP 21:50:40.0
e(S) 48.6

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 381 m

Jun. 28	eP	00:30:55.6	Jun. 28	eP	21:52:05.0	Jun. 30	eP	07:11:16.0
	eS	31:27.2		e	50		eS	38.3
	Dist.	270 Km.		e(S)	59.6		Dist.	185 Km.
	iP	03:30:43.5		eP	22:08:40.9		eP	09:20:50.2
	e(S)	52.4		eS	10:10.1		eS	21:37.0
				Dist.	855 Km		Dist.	430 Km.
	eP	04:50:25.6		eP	22:54:13.9		eP	15:33:30
	e(S)	50.0		eS	55:01.5		eS	40
				Dist.	430 Km.		Dist.	80 Km.
	eP	07:04:25.2	29	iP	04:41:25.0			
	eS	42.3		eS	33.8			
	Dist.	140 Km.		Dist.	70 Km.			
	iP	07:29:05.8		iP	17:24:50.3			
	eS	19.4		eS	25:16.5			
	Dist.	110 Km.		Dist.	220 Km.			
	eP	10:48:40.6		iP	21:20:27.5			
	eS	57.0		iS	48.5			
	Dist.	130 Km.		Dist.	170 Km.			
	e(P)	13:18:34.7		eP	22:25:20.6			
	eS	19:35.6		eS	36.3			
				Dist.	125 Km.			
	iP	16:22:24.7	30	eP	04:43:41.3			
	iS	40.2		e(S)	44:44.2			
	Dist.	125 Km.						
	eP	16:35:37.6		eP	06:04:36.0			
	eS	53.3		eS	05:11.6			
	Dist.	125 Km.		Dist.	210 Km.			
	eP	21:11:38.8		eP	06:51:58.9			
	eS	58.2		eS	52:13.5			
	Dist.	160 Km.		Dist.	120 Km.			

L. Cabello
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m

Jun. 24 1966	eP	13:35:51.8	Jun. 24 1966	eP	20:42:48.7	Jun. 25	e(S)	08:58:11.0
	eS	36:29.3		eS	43:11.6		e(P)	11:23:35
	Dist.	330 Km.		Dist.	190 Km.		eS	24:02.3
	e(P)	14:00:40	25	e(PKP)	02:06:02.3		eP	15:25:33.5
	eS	53:08		eS	02:50:35.8		eS	51.4
				Dist.	150 Km.		Dist.	150 Km.
	eP	16:14:27.6		eP	03:17:23.6		e(P)	15:46:48
	eS	42.5		eS	59.8		e(S)	47:42.6
	Dist.	110 Km.		Dist.	320 Km.			
	eP	20:28:08.7		eS	03:48:56.1		eP	17:42:41
	eS	49.8					e(S)	43:45
	Dist.	Km. 370		eP	07:23:15.8		i	44:25

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PROVISIONAL READI
23° 42' 18" S 70°

Jul.02 eP 22:57:07
1966 eS 47
Dist. about 360 Km.

Jul.03 eP 06:36:07
1966 eS 41
i 37:06

Franulic
Seismologist.

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SURVEY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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Santiago, Chile

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Departamento de Geofísica y Geodesia

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m

Jun. 25 1966	eP eS Dist. about 220 Km.	18:16:41 17:06.2	Jun 27 1966	eP eS Dist. about 190 Km.	12:16:17 17 18.2	Jun. 29 1966	eP eS Dist. 270 Km.	12:12:44.3 13:13.8
	eP e(S) i	18:31:29.5 32:26.5 33:01.8		eP eS Dist. 100 Km.	16:06:56.6 07:10.4		iP iS Dist. 150 Km.	17:24:37.0 54.5
	eP eS Dist. 320 Km.	20:16:20.2 56.4		e(P) eS Dist. 40 Km.	17:32:00 38.4		eP e(S)	21:21:52.4 22:25
	eP eS Dist. 350 Km.	21:13:11.7 50.7		eP eS Dist. 40 Km.	17:51:49.4 54.4		eP e(S)	23:14:21 48
26	e(P) eS	05:56:26.3 58.5	28	eP eS Dist. 150 Km.	08:06:15.0 32.8	30	eP eS Dist. 50 Km.	04:42:59.3 43:04.8
	eP eS Dist. 300 Km.	06:16:38.3 17:11.8		eP eS Dist. 400 Km.	09:48:52.4 49:36.8		e(P) e(S)	15:34:18.5 59
	eP iS Dist. 150 Km.	08:03:41.0 59.2		eP eS Dist. 180 Km.	13:16:31.2 52.3	Jul. 01 1966	ePKP eP Dist. about 310 Km.	22:26:41.6 02:18:24 59.4
	e(P) e(S)	08:51:10 52:01		eP eS Dist. 90 Km.	18:41:12 24		eP eS Dist. x	02:32:41.4 33:24.6
	eP eS Dist. about 140 Km.	17:05:24 40		eP i e(S) i	22:07:56.5 59.3 08:16.3 39.5		eP eS Dist. about 200 Km.	05:12:11.1 34
	eP eS Dist. 330 Km.	19:48:40.5 20:03:27 04:04	29	eP eS Dist. 290 Km.	00:26:05.3 37.4		ePKP ePPKP eP ePPS eSS ePSS eSSS eG e(R) Dist. about 166°	06:10:35.4 11:44 15:34 29:14 36:14 37:11 42:30 48:20 07:10:00
27	eS	00:44:05.1		eP eS Dist. 200 Km.	03:17:05.9 30.2		eP eS Dist. about 450 Km.	07:01:52.3 02:40
	eP eS Dist. about 180 Km.	01:29:43.2 30:05		eP e(S)	03:35:35.3 36:03.4		eP eS Dist. about 330 Km.	19:14:34 19:33:54 34:31
	e(P) eS	03:45:22 42.9		e(P) e(S)	04:42:03.6 41		iP iS dist. about 90 Km Dist. S.S.E.	21:22:15 27
	eP eS Dist. about 90 Km.	11:01:07.6 02:18.8		eP e(S)	05:58:17.7 46.4			
	ePKP ePP eSS eSSS eG eR Dist. about 152°	11:19:10 23:07 42:34 48:30 12:02:30 05:09		e(P) eS	10:12:53 13:33			

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PROVISIONAL READI
23° 42' 18" S 70°

Jul.02 eP 22:57:07
1966 eS 47
Dist. about 360 Km.

Jul.03 eP 06:36:07
1966 eS 41
i 37:06

Franulic
Seismologist.

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SURVEY
NEW OBSERVATORY
RICHMOND, SURREY, ENGLAND

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m

Jun. 25 1966	eP eS Dist. about 220 Km.	18:16:41 17:06.2	Jun 27 1966	eP eS Dist. about 190 Km.	12:16:17 17 18.2	Jun. 29 1966	eP eS Dist. 270 Km.	12:12:44.3 13:13.8
	eP e(S) i	18:31:29.5 32:26.5 33:01.8		eP eS Dist. 100 Km.	16:06:56.6 07:10.4		iP iS Dist. 150 Km.	17:24:37.0 54.5
	eP eS Dist. 320 Km.	20:16:20.2 56.4		e(P) eS	17:32:00 38.4		eP e(S)	21:21:52.4 22:25
	eP eS Dist. 350 Km.	21:13:11.7 50.7		eP eS Dist. 40 Km.	17:51:49.4 54.4		eP e(S)	23:14:21 48
26	e(P) eS	05:56:26.3 58.5	28	eP eS Dist. 150 Km.	08:06:15.0 32.8	30	eP eS Dist. 50 Km.	04:42:59.3 43:04.8
	eP eS Dist. 300 Km.	06:16:38.3 17:11.8		eP eS Dist. 400 Km.	09:48:52.4 49:36.8		e(P) e(S)	15:34:18.5 59
	eP iS Dist. 150 Km.	08:03:41.0 59.2		eP eS Dist. 180 Km.	13:16:31.2 52.3	Jul. 01 1966	ePKP eP eS Dist. about 310 Km.	22:26:41.6 02:18:24 59.4
	e(P) e(S)	08:51:10 52:01		eP eS Dist. 90 Km.	18:41:12 24		eP eS Dist. x	02:32:41.4 33:24.6
	eP eS Dist. about 140 Km.	17:05:24 40		eP i e(S) i	22:07:56.5 59.3 08:16.3 39.5		eP eS Dist. about 200 Km.	05:12:11.1 34
	eP eS Dist. 330 Km.	19:48:40.5 20:03:27 04:04	29	eP eS Dist. 290 Km.	00:26:05.3 37.4		ePKP ePPKP eP eSS ePSS eSSS eG e(R) Dist. about 166°	06:10:35.4 11:44 15:34 29:14 36:14 37:11 42:30 48:20 07:10:00
27	eS	00:44:05.1		eP eS Dist. 200 Km.	03:17:05.9 30.2		eP eS Dist. about 450 Km.	07:01:52.3 02:40
	eP eS Dist. about 180 Km.	01:29:43.2 30:05		eP e(S)	03:35:35.3 36:03.4	02	eS eP eS Dist. about 330 Km.	19:14:34 19:33:54 34:31
	e(P) eS	03:45:22 42.9		e(P) e(S)	04:42:03.6 41		iP iS dist. about 90 Km Dist. S.S.E.	21:22:15 27
	eP eS Dist. about 90 Km.	11:01:07.6 02:18.8		eP e(S)	05:58:17.7 46.4			
	ePKP ePP eSS eSSS eG eR Dist. about 152°	11:19:10 23:07 42:34 48:30 12:02:30 05:09		e(P) eS	10:12:53 13:33			

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Santiago, Chile.

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul.02 eP 22:57:07
1966 eS 47
Dist. about 360 Km.

Jul.03 eP 06:36:07
1966 eS 41
i 37:06

Franulic
Seismologist.

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Chile
July 1966

Casilla 2777
Santiago, Chile.

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m

Jul.04 eP 23:57:51.3 e(S) 58:59	Jul.07 eP 02:17:56.7 e(S) 18:57	Jul.10 eP 05:42:45.5 eS 43:11 Dist. 235 Km.
05 eP 07:50:56.9 iS 51:19.8 Dist. 210 Km.	eP 07:17:19 eS 18:20 Dist. 590 Km.	eP 06:52:36.9 eS 57.9 Dist. 190 Km. Dilatation
iP 12:48:38.6 iS 50.6 Dilatation Dist. 100 Km.	eP 23:39:17.4 iS 34.3 Dist. 150 Km.	eP 07:59:51.5 eS 08:00:50.5 Dist. 570 Km.
eP 18:10:53 iS 11:11.6 Dist. 165 Km	08 eP 07:50:09.2 iS 51:10.8 Dist. 600 Km.	eP 10:13:19
eP 23:54:31.8 Distant shock?	eP 12:49:54 eS 56.5 Near by Explosion ?	11 iP 11:13:22.5 e(S) 46
06 eP 00:10:07.2 e(S) 13:37 Distant shock	09 eP 00:25:32.9 e 29:10 Distant shock	iP 16:53:26.6 e(S) 48.7 Dilatation
eP 04:47:11.1 e(S) 50.2	10 eP 00:56:54.8 eS 57:25.1 Dist. 285 Km.	iP 23:09:38.5 iS 52.6 Compresion Dist. 120 Km.
eP 04:59:36.1 Distant shock	eP 02:55:54.7 eS 56:37.8 Dist. 410 Km.	12 eP 05:32:30.0 e(S) 52
eP 19:31:34.3 Distant shock	eP 05:13:(59) eS 14:49 Dist. about 480 Km.	eP 08:04:22.8 e(S) 06:43
eP 20:34:30 eS 35:32 Dist. 600 Km.		eP 09:51:16.0 iS 27.2 Dist. 90 Km.

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul.08 eP 07:50:13.8 e(S) 51:18.5	Jul.11 eP 1:13:19.0 e(S) 32	Jul.12 eP 05:32:(26) eS 47.5 Dist. about 200 Km.
10 eP 06:52:41.8 iS 58.9 Dist. 150 Km	eP 23:09:34.0 eS 44.4 Dist. 85 Km.	eP 09:51:11.7 iS 19.2 Dist. 55 Km.

E. Lorca
Seismologist.

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PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul.08 e(P) 20:25:19.7	Jul.09 e(P) 21:10:05	Jul.10 eP 15:53:59.8
1966 e(S) 26:01.9	1966 eS 22.4	1966 eS 54:07.0
		Dist. 60 Km.
09 eP 00:26:40.1	e(S) 22:17:13.4	ePKP 16:32:48
e(S) 32.0	e(P) 23:55:43.6	ePP 37:42
iP 03:11:43.0	Local	ePPP 41:38
iS 12:02.7		eSKKS 44:18
Compression NE	10 e(P) 02:56:45	eSS 58:20
Dist. 170	e(S) 57:32.1	ePSS 59:20
eS 04:35:51	eS 05:15:36.4	eSSS 17:04:54
		eG 20:00
e(P) 12:30:45	e(P) 05:40:31	e(R) 29.0
eS 31:12.5	i 31.8	Dist. 165°
eP 15:40:28.0	e(S) 54.6	11 eP 00:25:40.1
i 29.0	i 41:07.7	iS 57.8
eS 56.7	e(S) 06:55:28	Dist. 150
Compression NE	iP 06:57:23.3	eP 05:27:08.4
Dist. 250 Km.	iS 52.1	e(S) 12.3
eP 15:56:26.2	Compression N.E.	eS 05:27:42.3
eS 57:06.2	Dist. 260 Km.	eP 05:32:09.5
Dist. 360 Km.	iP 07:39:59.1	eS 36.3
eS 16:02:20.3	iS 40:38.2	Dist. 230 Km.
eS 16:40:29.2	Compression S.E.	eP 09:05:34.4
eS 16:42:09.0	Dist. 360 Km.	eS 06:15.9
eP 19:09:11.9	eP 07:53:36.4	Dist. 370 Km.
eS 34.6	e(S) 54:08.5	eP 10:25:42.1
Dist. 190 Km.	eS 08:01:28.3	eS 26:08.9
eP 20:09:47.6	eS 11:22:52.2	i 10.9
e(S) 10:01.9	e(S) 15:52:16.2	Dist. 230 Km.
Dilatation.		eP 10:46:10.3
		eS 15.7
		Dist. 40 Km.

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Seismologist.

Jul.11 eS 11:18:04.6	Jul.11 eP 22:59:12	Jul.11 eP 08:02:19.7
1966 eP 16:02:24	1966 eS 23:09:54	1966 i 22.3
eS 03:01.0	eSS 10.1	iS 46
Dist. about 330 Km.	ePPS 11.5	Compression N.E.
eP 18:45:56.5	eR 28:56	Dist. 220 Km.
i 57.0	Dist. about 90°	e(P) 08:40:05.4
iS 46:22	e(P) 04:23:05.4	eS 19.7
Dist. about 210	eS 35	eP 12:25:46.3
eP 19:15:36.8		i 46.7
eS 16:18.3		eS 26:22.4
Dist. 360		Dist. 320 Km.

Franulic
Seismologist.

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Chile
July 1966

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m

Jul.04 eP 23:57:51.3 e(S) 58:59	Jul.07 eP 02:17:56.7 e(S) 18:57	Jul.10 eP 05:42:45.5 eS 43:11 Dist. 235 Km.
05 eP 07:50:56.9 iS 51:19.8 Dist. 210 Km.	eP 07:17:19 eS 18:20 Dist. 590 Km.	eP 06:52:36.9 eS 57.9 Dist. 190 Km. Dilatation
iP 12:48:38.6 iS 50.6 Dilatation Dist. 100 Km.	eP 23:39:17.4 iS 34.3 Dist. 150 Km.	eP 07:59:51.5 eS 08:00:50.5 Dist. 570 Km.
eP 18:10:53 iS 11:11.6 Dist. 165 Km	08 eP 07:50:09.2 iS 51:10.8 Dist. 600 Km.	eP 10:13:19
eP 23:54:31.8 Distant shock?	eP 12:49:54 eS 56.5 Near by Explosion ?	11 iP 11:13:22.5 e(S) 46 iP 16:53:26.6 e(S) 48.7 Dilatation
06 eP 00:10:07.2 e(S) 13:37 Distant shock	09 eP 00:25:32.9 e 29:10 Distant shock	iP 23:09:38.5 iS 52.6 Compresion Dist. 120 Km.
eP 04:47:11.1 e(S) 50.2	10 eP 00:56:54.8 eS 57:25.1 Dist. 285 Km.	12 eP 05:32:30.0 e(S) 52 eP 08:04:22.8 e(S) 06:43 eP 09:51:16.0 iS 27.2 Dist. 90 Km.
eP 04:59:36.1 Distant shock	eP 02:55:54.7 eS 56:37.8 Dist. 410 Km.	
eP 19:31:34.3 Distant shock	eP 05:13:(59) eS 14:49 Dist. about 480 Km.	
eP 20:34:30 eS 35:32 Dist. 600 Km.		

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul.08 eP 07:50:13.8 e(S) 51:18.5	Jul.11 eP 17:13:19.0 e(S) 32	Jul.12 eP 05:32:(26) eS 47.5 Dist. about 200 Km.
10 eP 06:52:41.8 iS 58.9 Dist. 150 Km	eP 23:09:34.0 eS 44.4 Dist. 85 Km.	eP 09:51:11.7 iS 19.2 Dist. 55 Km.

E. Lorca
Seismologist.

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PROVISIONAL READINGS AT COPIAPO.
27° 21' 15" S 70° 21' 04" W h 381 m.

Jul.08 eP	07:49:35	Jul.10 eP	02:51:33
eS	50:01	eS	05:54
Dist.	220 Km.	Dist.	170 Km.

L. Cabello
Seismologist.

PROVISIONAL READINGS AT SOMBRERO.
52° 46' 51" S 69° 14' 32" W h 381 m

Jun.27 ePKP	11:19:01	Jul.04 ePKP	18:53:10
		ePP	55:58
Jul.04 eP	00:05:22.8	eSS	19:14:34
eS	06:27	ePSS	15:23
eR	56	eG	30:00
Dist.	620 Km.	eR	38:40
		Dist.	140°

E. Lorca
Seismologist.

PROVISIONAL READINGS AT CONCEPCION.
36° 49' 41" S 73° 02' 42" W h 46 m.

Jul.02 eP	07:23:30	Jul.03 eP	11:44:50	Jul.04 eP	19:10:07.9
eS	53.3	eS	45:05.6	e	19:26:(49.7)
Dist.	205 Km.	Dist.	135 Km.	Distant shock	

A. Sickinger
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul.03 e(P)	14:15:32	Jul.03 e(P)	18:54:13	Jul.04 eP	02:22:01.6
eS	16:12	eS	39.6	eS	15.0
eP	14:43:38.6	eP	20:41:28.1	i	15.7
eS	44:17	e(S)	42:36	Dist.	110 Km.
Compression		i	42.6	eP	03:40:36.2
Dist.	340 Km.	eP	22:44:28	eS	41.2
eP	15:48:37.3	eS	42.9	Dist.	40 Km.
i	38.5	Dist.	about 120 Km.	eP	07:12:24.7
iS	49:05.2	eP	23:49:23	eS	13:04.7
Dilatation		eS	54	Dist.	360 Km.
Dist.	250 Km.	Dist.	about 280 Km.	eP	07:34:24.0
eP	16:36:58.1	04 e(P)	00:54:17.7	i	24.9
eS	38:10.6	eS	55.7	eS	35:04.7
i	14.5	Dist.		i	06.7
Dist.	700 Km.	iP	00:55:51.7	Dist.	370 Km.
eP	18:50:39.1	Disturbed by the anterior		eP	13:14:33.7
eS	51:26.6	e(P)	01:31:34	eS	57.5
Dist.	450 Km.	e(S)	32:28	i	15:04.0
				Dist.	200 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul.04 1966	eP 13:53:39.5 eS 54:39.0 i 45.4 Dist. 570 Km.	Jul.06 1966	eP 00:08:10.2 09:46 eL 11:26 PZ=0,05u T=1.0 seg. Dist. about 930 Km.	Jul.07 1966	e(P) 07:17:40 e(S) 19:00 e(P) 07:49:13 eS 31.5 eP 08:44:37.0 e(S) 57 eP 11:01:43 eS 02:20 Dist. about 330 Km. eP 14:45:19.5 eS 35.0 Dist. 120 Km. eP 14:55:57 e(S) 56:26 e(P) 18:22:12.5 eS 40 eP 21:10:24.4 eS 30.6 Dist. 60 Km.
	ePKP 18:52:30 ePP 54:00 eSKS 59:18 eSSKS 19:00:00 eSP 03:52 ePPS 05:00 eSS 10:22 eSSP 11:00 eSSS 15:10 eG 23:00 eR 29:00 Dist. about 121°		eS 04:49:27 iP 07:32:29.0 eS 33:09.4 iS 10.5 Compresion from NE Dist. 360 Km. eP 10:03:14.7 eS 54.0 Dist. 360 Km. eP 10:48:25.4 eS 49:05.2 Compresion Dist. 360 Km. eP 12:30:20.8 eS 31:00 Dist. 350 Km.		eP 07:50:27.3 e(S) 07:00:01.0 e(P) 07:50:23.3 iS 51:48.5 eP 10:13:20.1 i 21.5 iS 47.0 From NE Dist. 240 Km. e(P) 15:01:52.6 e(S) 02:22.5 eP 17:32:34.5 eS 33:26.5 Dist. 490Km. eP 18:06:59.3 eS 07:24.4 Dist. 210 Km. eP 20:03:08.6 i 10.5 eS 39.6 i 04:01.9 Dist. 280 Km. e(P) 20:15:22.4 Local
05	e(P) 04:12:32.4 iP 06:29:59.7 iS 30:19.4 Compresion from E Dist. 170 Km. eP 07:50:56.9 iS 51:19.8 Dist. 210 Km. eP 08:15:41.0 i 41.5 iS 55.5 Dist. 120 Km. iP 10:52:53.1 iS 53:31.5 Compresion from ESE Dist. 340 Km. eS 18:13:49.4 e(P) 20:45:28.4 eS 44.4 eP 23:52:33 eS 54:10.1 PZ=0,04 u T=1.0 seg. Dist. about 950 Km.		e(P) 17:24:52.0 eS 25:51.6 eP 18:42:34.1 e(S) 43:08 eP 19:30:57.0 eS 37:00 eL 39:48 eR 41:18 Dist. about 40° e(P) 20:34:52 eS 36:05 07 iP 01:37:12.3 iS 17.0 Compresion from NW Dist. 40 Km. e(P) 02:18:17 e(S) 19:00 i 38.7 e(P) 05:16:18.2 eS 34.3 eP 06:43:43.3 i 45.0 eS 44:06.5 i 12.2 Dist. 200 Km.		

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PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul.08 e(P) 20:25:19.7	Jul.09 e(P) 21:10:05	Jul.10 eP 15:53:59.8
1966 e(S) 26:01.9	1966 eS 22.4	1966 eS 54:07.0
		Dist. 60 Km.
09 eP 00:26:40.1	e(S) 22:17:13.4	ePKP 16:32:48
e(S) 32.0	e(P) 23:55:43.6	ePP 37:42
iP 03:11:43.0	Local	ePPP 41:38
iS 12:02.7		eSKKS 44:18
Compression NE	10 e(P) 02:56:45	eSS 58:20
Dist. 170	e(S) 57:32.1	ePSS 59:20
	eS 05:15:36.4	eSSS 17:04:54
eS 04:35:51		eG 20:00
	e(P) 05:40:31	e(R) 29.0
e(P) 12:30:45	i 31.8	Dist. 165°
eS 31:12.5	e(S) 54.6	11 eP 00:25:40.1
	i 41:07.7	iS 57.8
eP 15:40:28.0		Dist. 150
i 29.0	e(S) 06:55:28	eP 05:27:08.4
eS 56.7	iP 06:57:23.3	e(S) 12.3
Compression NE	iS 52.1	
Dist. 250 Km.	Compression N.E.	eS 05:27:42.3
eP 15:56:26.2	Dist. 260 Km.	eP 05:32:09.5
eS 57:06.2		eS 36.3
Dist. 360 Km.	iP 07:39:59.1	Dist. 230 Km.
eS 16:02:20.3	iS 40:38.2	eP 09:05:34.4
	Compression S.E.	eS 06:15.9
eS 16:40:29.2	Dist. 360 Km.	Dist. 370 Km.
eS 16:42:09.0	eP 07:53:36.4	eP 10:25:42.1
	e(S) 54:08.5	eS 26:08.9
eP 19:09:11.9	eS 08:01:28.3	i 10.9
eS 34.6	eS 11:22:52.2	Dist. 230 Km.
Dist. 190 Km.	e(S) 15:52:16.2	eP 10:46:10.3
eP 20:09:47.6		eS 15.7
e(S) 10:01.9		Dist. 40 Km.
Dilatation.		

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Seismologist.

Jul.11 eS 11:18:04.6	Jul.11 eP 22:59:12	Jul.11 eP 08:02:19.7
1966 eP 16:02:24	1966 eS 23:09:54	1966 i 22.3
eS 03:01.0	eSS 10.1	iS 46
Dist. about 330 KM.	ePPS 11.5	Compression N.E.
	eR 28:56	Dist. 220 Km.
eP 18:45:56.5	Dist. about 90°	
i 57.0	e(P) 04:23:05.4	e(P) 08:40:05.4
iS 46:22	eS 35	eS 19.7
Dist. about 210		eP 12:25:46.3
		i 46.7
eP 19:15:36.8		eS 26:22.4
eS 16:18.3		Dist. 320 Km.
Dist. 360		

Franulic
Seismologist.

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.



Chub

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m.

Jul. 13 eP 14:59:50
1966 Distant shock

eP 16:37:45.5
eS 38:07
Dist. 95 Km.

1 eP 01:52:07.9
e(S) 54:09.5

eP 08:32:29.4
eS 52.4
Dist. 210 Km.

eP 10:15:09
eS 21
Dist. 100 Km.

iP 16:02:15.6
Near by Explosion?

eP 20:00:51
Distant shock?

iP 20:50:20.1
iS 30
Dist. 70 Km.

Jul. 15 eP 01:25:32.8
1966 e(S) 26:24

eP 09:18:48.9
eS 11.4
Dist. 205 Km.

eP 13:33:04.2
eS 30.5
Dist. 245 Km.

iP 16:23:53.4
eS 24:03.5
Dist. 80 Km.

eP 23:34:39
eS 35:11
Dist. 300 Km.

16 eP 03:59:42.5
eS 04:00:10
Dist. 255 Km.

iP 07:16:41.6
iS 54.6
Dist. 110 Km.
Compression
Small.

Jul. 16 eP 09:28:29
1966 eS 51
Dist. 200 Km.

eP 18:05:10
iS 28.5
Dist. 165 Km.

eP 18:16:(47)
eS 17:04.5
Dist. about 150 Km.

17 eP 07:13:20.5
eS 38
Dist. 155 Km.

eP 07:27:09
iS 25.4
Dist. 145 Km.

eP 14:21:09
e(S) 36

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.

33° 27' 11" S 70° 39' 42" W h 533 m.

Jul. 14 iP 20:50:21.2
iS 33.3
Dist. 100 Km.

15 eP 16:23:56.2
iS 24:09.5
Dist. 115 Km.

Jul. 16 iP 03:59:46.6
eS 04:00:16
Dist. 275 Km.

eP 09:08:26
eS 45.6
Dist. 180 Km.

E. Lorca
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.

23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 13 eP 14:01:08
eS 35.0
Dist. about 240 Km.

e(P) 15:00:10
Distant shock?

e(P) 17:19:09
eS 41.6

Jul. 13 eP 20:11:11.1
eS 17.8
Dist. 60 Km.

eP 20:31:42.7
eS 32:18.6
Dist. 320 Km.

Jul. 14 iP 01:49:49.0
iS 58
Compression from NNE
Dist. about 80 Km.

e(P) 08:10:43.6
eS 52.7

Franulic
Seismologist.



IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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*Chile
July '66*

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Jul.17 eP 16:04:18.5 1966 eS 45 i 54 Dist. 245 Km.	Jul.20 eP 21:47:55.3 1966 e(S) 48:14	Jul.24 iP 05:23:05.3 1966 iS 16 Compression Dist. 90 Km.
eP 20:34:45.3 e(S) 35:23	21 eP 01:38:54.6 e(S) 39:56.5	eP 06:46:53.5 eS 47:04.3 Dist. 90 Km.
18 eP 22:20:05.3 Distant shock	eP 15:11:14 eS 54 Dist. 380 Km.	iP 08:43:07.2 iS 16 Dilatation from ENE Dist. 65 Km.
19 eP 07:27:55 e(S) 29:43	22 eP 00:56:21.5 iS 50.5 Dist. 270 Km.	eP 08:55:50.9 eS 56:01.6 Dist. 85 Km.
eP 19:38:43 iS 39:01 Dist. 160 Km.	eP 04:44:41.2 e(S) 45:48	eP 09:44:12.7 iS 23.9 Dist. 90 Km.
eP 20:08:34 iS 47 Dist. 110 Km.	eP 09:00:05.4 iS 23.1 Dist. 155 Km. Small	eP 12:52:09.9 iS 19.1 Dist. 70 Km.
20 eP 03:52:01 eS 44.2 Dist. 410 Km.	eP 10:06:21.4 iS 34 Dist. 105 Km. Small	eP 13:48:23 eS 46 Dist. 210 Km.
eP 07:56:24 eS 57:40 Dist. 740 Km.	23 eP 19:10:57.0 eS 11:25 Dist. 260 Km.	eP 15:59:52.9 i(S) 16:00:05.2
iP 13:29:21.5 Dilatation from NE	eP 20:45:29.8 iS 43.0 Dist. 110 Km.	eP 16:34:50.3 eS 35:18.2 Dist. 260 Km.
eP 20:00:05.0 iS 01:26 i(R) 02:04 Dist. 800 Km.	e(P) 21:21:07 e(S) 22:22	eP 16:35:32.5 e(S) 48.6 Superimposed to former shock
eP 20:55:12 e(S) 56:37	eP 23:43:36 i 37.2 iS 44:00.4 Dist. 225 Km.	
eP 21:34:10.5 iS 30.4 Dist. 180 Km. Small	24 iP 04:42:14.0 iS 24.0 Compression Dist. 80 Km.	
eP 21:35:07.8 e(S) 36:14		

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul.19 eP 07:27(58) 1966 Distant shock?	Jul 20 eP 13:29:24.0 iS 48.0 Dist. 220 Km.	Jul.24 iP 04:42:10.5 iS 18 Compression Dist. 55 Km.
iP 19:22:57.5 iS 23:17.7 Dist. 180 Km.	eP 20:00:02.3 e 16.5 i 20.5 eS 01:23.5 Dist. 790 Km.	eP 05:23:05.5 e(S) 19

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul. 24 1966	iP 08:43:07.3 iS 16 Dilatation Dist. 65 Km.	Jul. 24 1966	eP 15:59:53.2 eS 16:00:04.8 eP 16:35:30.2 eS 48. Dist. 160 Km.	Jul. 25. 1966	iP 08:42:50.0 i(S) 43:12 Dilatation iP 14:08:47.4 iS 55.7 Dilatation Dist. 65 Km.
	eP 12:52:14 iS 25 Dist. 90 Km.				

E. Lorca
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 14 1966	eP 15:21:49.6 eS 22:09.0 Dist. 170 Km. iP 19:59:31.3 iS 59.5 Dilatation from SE Dist. 250 Km. eP 21:48:10.6 eS 40.2 Dist. 170 Km.	Jul. 17 1966	eP 14:19:46.3 i 46.7 iS 20:00 Dist. 110 Km. e(P) 15:32:50 e(S) 33:31 e(P) 16:43:41 eS 44:34 e(P) 19:06:29 eS 07:05.5 e(P) 20:29:20.5 e(S) 58.5 eP 20:34:29.1 e(S) 52.6 i 35:34 eP 20:45:57.1 eS 46:32.8 Dist. about 320 Km.	Jul. 18 1966	eP 22:20:56 eS 25:00 eR 27:00 Dist. about 24° Doubtful interpretation 19 eP 04:59:13.2 eS 52.7 Compression Dist. 360 Km. eP 07:26:19.5 i 24.7 iS 27:04 From S E Dist. about 410 Km. eP 08:59:48 eS 09:00:10 Dist. about 190 Km. e(P) 09:17:58.5 eS 18:17.5 eP 21:16:49 eS 17:31 Dist. about 380 Km. eP 22:56:52.2 eS 57.6 Dist. 50 Km. eP 23:18:33 e(S) 19:14 eP 23:28:38.4 i 39.7 iS 29:02.2 From NE Dist. 200 Km.
15	eP 01:24:04.1 eS 52.5 Dist. 450 Km. eP 06:53:54 eS 54:08 Dist. about 120 Km. eP 07:08:01 eS 19.6 Dist. about 150 Km.	18	eP 03:01:13.0 e(S) 29.4 i 35.3 e(P) 08:50:49.4 eS 51:18.7 eP 18:47:30.7 eS 48:07.7 Dist. 330 Km. e(P) 21:57:38.7 eS 44		
16	eP 22:53:20.6 i 22.4 e(S) 41 i 54.7				
17	eP 05:32:25.4 i 26.7 iS 48.4 From NE Dist. 200 Km. eP 11:58:16.4 i 16.7 eS 56 Dist. about 360 Km.				

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 20 1966	eP i eS i Dist. about 420 Km.	05:49:04 12.0 50:50.0 51:16.0	Jul. 22 1966	e(P) e(S) eP e(P) eS e(P) eS e(P) eS e(P) eS eP eS Dist. 330 Km.	02:47:17.5 45 03:59:57.4 04:44:58 45:57.4 05:09:57 10:29 05:42:28 40 07:03:58.4 04:35.4	Jul. 23 1966	eP e(S) eP eS Dist. about 150 Km. eP eS Dist. 360 Km. e(P) eS eP eS Dist. 290 Km. e(P) eS eP eS Dist. 180 Km.	11:47:17.3 45.2 13:50:18 36.7 15:12:20.2 13:00.8 19:03:48 04:15.3 19:46:22.6 56.1
	eP e(S) e(P) e(S) eS eSS eR from W e(P) i iS eP eS e From S Dist. about 16° eP eS Dist. about 230 Km.	07:56:07.0 55.0 09:09:12 52 11:09:14 12:00 13:28 12:17:54.3 55.0 18:16.6 20:02:12.9 05:13 08:18 23:23:22 48.4		Dist. 330 Km. e(P) eS 34.3 e(P) eS 29.1 iP iS 01:29.0 Coproression E Dist. 350 Km. iP iS 35 Compression N.W. Dist. 40 Km. eS 18:58:47.5 e(P) eS 37.7 eP eS 56.1 Dist. 300 Km.	24	01:25:20.6 45.5 Dist. 210 Km. e(S) 02:43:02.1 e(P) 04:46:50 e(S) 05:27:30 eS 08:32:34 eP e(S) 47:24.0 eP eS 27:36.0 Dist. 420 Km. eP eS 59:12 Dist. about 360 Km. eP eS 31.3 Dist. about 160 Km.		
21	eS eP eS Dist. 270 Km. eS eG eR From W eP e(S) eP eS Dist. 220 Km eP eS Dist. 60 Km.	01:40:31.4 04:25:10.9 41.7 05:45:40 48:24 50:00 05:56:11.2 57:41 06:28:43.6 29:08.6 20:54:19.5 25.7	23	e(S) eP i iS Dist. 220 Km. eP eS 15.7 Dist. 50 Km.				

Franulic
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.



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Chile
July 1966

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Jul. 25	iP 08:42:46.4 iS 43:07 Compression from NW Dist. 185 Km.	Jul. 27	eP 04:51:05.4 e 06.1 e(S) 52:42 eR 53:05	Jul. 29	eP 06:37:15.8 eS 43.4 Dist. 255 Km.
	iP 10:08:48.7 iS 58.2 Dilatation from ESE Dist. 75 Km.		eP 13:00:11.7 eS 28 Small Dist. 145 Km.		iP 09:23:25.3 eS 38.5 Dilatation from ESE Dist. 110 Km.
	iP 12:32:22.0 eS 32.8 Dist. 90 Km. Dilatation		eP 22:09:37.3 e(S) 50		iP 12:58:59.3 iS 59:08.5 Dist. 70 Km.
	eP 15:13:40 eS 14:04 Dist. 220 Km		iP 22:50:08.0 iS 20.0 Compression Dist. 100 Km.		e(P) 15:08:51.5 eS 09:50.5
	eP 17:35:27.7 eS 45.2 Dist. 155 Km.		iP 22:58:24.7 iS 43.3 Dist. 165 Km.	30	eP 03:08:49.2 eS 09:27.4 Dist. 360 Km.
	e(P) 18:23:07.8 iS 25.8	28	eP 09:22:23.7 eS 23:03.1 Dist. 375 Km.	31	eP 06:12:24.7 eS 36.2 Dist. 95 Km.
26	eP 04:57:15.4 i 18.2		e(P) 10:46:44 eS 47:22.5		eP 06:57:16 iS 37.3 Dist. 195 Km.
	eP 09:21:29.4 eS 59.4 Dist. 280 Km.		eP 10:52:15.4 e(S) 54:07.5		eP 07:12:46.8 eS 13:18.3 Dist. 295 Km.
			e(P) 05:44:51	29	eP 23:48:12.5 eS 25.5 Dist. 110 Km.

E. Lorca
Seismologist.

PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul. 26	eP 04:57:12.3 i 13.2 iS 34.8 Dist. 205 Km.	Jul. 26	eP 22:50:12.2 e(S) 40	Jul. 27	eP 04:51:11.7 e 22 e(S) 53:06.6
			eP 22:58:30 e(S) 54		E. Lorca Seismologist

PROVISIONAL READINGS AT CONCEPCION.
36° 49' 41" S 73° 02' 42" W h 46 m.

Jul. 20	eP 19:59:09.4 iS 34.8 Dist. 235 Km.	Jul. 20	eP 20:56:26.7 Small	Jul. 20	e(P) 21:36:12.2 e 49.1 Small
	eP 20:54(27.8) eS 41.4 Dist. about 120 Km.		eP 21:34:17.9 e 29.9 eS 38.3 Dist. 185 Km.		eP 21:47:03.3 eS 29.2 Dist. 240 Km.
				25	eP 08:44:38.4

A. Sickinger
Seismologist.

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Jul. 25	iP 08:42:46.4 iS 43:07 Compression from NW Dist. 185 Km.	Jul. 27	eP 04:51:05.4 e 06.1 e(S) 52:42 eR 53:05	Jul. 29	eP 06:37:15.8 eS 43.4 Dist. 255 Km.
	iP 10:08:48.7 iS 58.2 Dilatation from ESE Dist. 75 Km.		eP 13:00:11.7 eS 28 Small Dist. 145 Km.		iP 09:23:25.3 eS 38.5 Dilatation from ESE Dist. 110 Km.
	iP 12:32:22.0 eS 32.8 Dist. 90 Km. Dilatation		eP 22:09:37.3 e(S) 50		iP 12:58:59.3 iS 59:08.5 Dist. 70 Km.
	eP 15:13:40 eS 14:04 Dist. 220 Km		iP 22:50:08.0 iS 20.0 Compression Dist. 100 Km.		e(P) 15:08:51.5 eS 09:50.5
	eP 17:35:27.7 eS 45.2 Dist. 155 Km.		iP 22:58:24.7 iS 43.3 Dist. 165 Km.	30	eP 03:08:49.2 eS 09:27.4 Dist. 360 Km.
	e(P) 18:23:07.8 iS 25.8	28	eP 09:22:23.7 eS 23:03.1 Dist. 375 Km.	31	eP 06:12:24.7 eS 36.2 Dist. 95 Km.
26	eP 04:57:15.4 i 18.2		e(P) 10:46:44 eS 47:22.5		eP 06:57:16 iS 37.3 Dist. 195 Km.
	eP 09:21:29.4 eS 59.4 Dist. 280 Km.		eP 10:52:15.4 e(S) 54:07.5		eP 07:12:46.8 eS 13:18.3 Dist. 295 Km.
	E. Lorca Seismologist.		e(P) 05:44:51	29	eP 23:48:12.5 eS 25.5 Dist. 110 Km.

PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Jul. 26	eP 04:57:12.3 i 13.2 iS 34.8 Dist. 205 Km.	Jul. 26	eP 22:50:12.2 e(S) 40	Jul. 27	eP 04:51:11.7 e 22 e(S) 53:06.6
			eP 22:58:30 e(S) 54		E. Lorca Seismologist

PROVISIONAL READINGS AT CONCEPCION,
36° 49' 41" S 73° 02' 42" W h 46 m.

Jul. 20	eP 19:59:09.4 iS 34.8 Dist. 235 Km.	Jul. 20	eP 20:56:26.7 Small	Jul. 20	e(P) 21:36:12.2 e 49.1 Small
	eP 20:54(27.8) eS 41.4 Dist. about 120 Km.		eP 21:34:17.9 e 29.9 eS 38.3 Dist. 185 Km.		eP 21:47:03.3 eS 29.2 Dist. 240 Km.
	A. Sickinger Seismologist.			25	eP 08:44:38.4

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 25 1966	eP 20:20:24.5 eS 51.6 Dist. 240 Km.	Jul. 27 1966	eP 09:00:54 eS 01:01.4 Dist. about 70 Km.	Jul. 29 1966	e(P) 07:00:44 e 47.7 i(S) 01:13.9 i 32.3
	eP 20:25:28.9 eS 35.3 Dist. 60 Km.		eP 09:28:54 eS 29:01.5 Dist. about 70 km.		eP 09:32:12.2 e(S) 24.2 i 45.9
	eP 23:47:17.3 eS 36.0 Dist. 150 Km.		eP 11:56:12.2 eS 23.4 Dist. 90 Km.		iP 09:55:25.7 iS 59.9 Compression from SE Dist. 300 Km.
26	e(S) 05:01:57		eP 14:09:16.5 eS 34 Dist. about 150 Km.		eP 10:36:55 eS 37:15.5 Dist. about 170 Km.
	eP 10:50:33.0 e(S) 51:03:7		eP 23:12:18.5 e(S) 13:19		eP 16:07:47.5 eS 08:23.7 Dist. 320 Km.
	eP 11:33:53.9 eS 34:30.9 Dist. 330 Km.	28	eS 00:42:40.3		eP 20:20:51.2 eS 57.6 Dist. 60 Km.
	e(P) 13:50:23 e(S) 31		e(P) 04:57:41.0		iP 23:48:33.5 iS 49:02.0 Compression Dist. 250 Km.
	eP 18:09:47 e(S) 10:13.4		eP 05:00:16.9 eS 33.7 Dist. 140 Km.		
	e(P) 18:35:34 e(S) 36:00.8		eP 05:32:28.4 eS 48.0 Dist. 160 Km.		
27	eP 00:59:29 eS 44 Dist. about 120 Km.		iP 05:42:52.5 i(S) 43:02.5	30	iP 04:06:38.1 iS 49.2 Compression from ENE? Dist. 80 Km.
	iP 04:49:10.4 iS 50:14 Compression from ESE Dist. about 600 Km.		iP 07:56:30.3 i(S) 35.5		eP 05:38:50.3 iS 39:23.1 Compression from ESE Dist. 280 Km.
	iP 05:10:53.0 iS 11:00 Dilatation from SE Dist. about 60 Km.		e(P) 09:00:59.5		e(P) 23:06:17 eS 45.6
	eP 05:57:25.2 eS 37.5 Dist. 70 Km.		iP 10:50:20.7 Dilatation		eP 23:21:12 eS 26.9 Dist. 120 Km.
	eP 06:44:28.9 eS 35.2 Dist. 60 Km.		eP 12:26:22 e(S) 27:02.7		
	iP 06:45:46.9 iS 53.5 Dist. 60 Km.		iP 15:14:41.7 iS 45.7 Dilatation Dist. 40 km.	31	eP 02:34:12.5 eS 39.9 Dist. 240 Km.
	eP 08:09:07.8 eS 15.1 Dist. 70 Km.		e(P) 17:29:24.7 eS 42.5		eP 05:54:15.6 eS 44.5 Dist. about 260 Km.
			e(P) 23:38:21 e(S) 41.5		
			eP 23:41:52.2 iS 42:12.1 Dist. 170 Km.		eP 07:48:42.6 i 50.7 eS 49:04.5 i 10.4

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 25 1966	eP 20:20:24.5 eS 51.6 Dist. 240 Km.	Jul. 27 1966	eP 09:00:54 eS 01:01.4 Dist. about 70 Km.	Jul. 29 1966	e(P) 07:00:44 e 47.7 i(S) 01:13.9 i 32.3
	eP 20:25:28.9 eS 35.3 Dist. 60 Km.		eP 09:28:54 eS 29:01.5 Dist. about 70 km.		eP 09:32:12.2 e(S) 24.2 i 45.9
	eP 23:47:17.3 eS 36.0 Dist. 150 Km.		eP 11:56:12.2 eS 23.4 Dist. 90 Km.		iP 09:55:25.7 iS 59.9 Compression from SE Dist. 300 Km.
26	e(S) 05:01:57		eP 14:09:16.5 eS 34 Dist. about 150 Km.		eP 10:36:55 eS 37:15.5 Dist. about 170 Km.
	eP 10:50:33.0 e(S) 51:03:7		eP 23:12:18.5 e(S) 13:19		eP 16:07:47.5 eS 08:23.7 Dist. 320 Km.
	eP 11:33:53.9 eS 34:30.9 Dist. 330 Km.	28	eS 00:42:40.3		eP 20:20:51.2 eS 57.6 Dist. 60 Km.
	e(P) 13:50:23 e(S) 31		e(P) 04:57:41.0		iP 23:48:33.5 iS 49:02.0 Compression Dist. 250 Km.
	eP 18:09:47 e(S) 10:13.4		eP 05:00:16.9 eS 33.7 Dist. 140 Km.		
	e(P) 18:35:34 e(S) 36:00.8		eP 05:32:28.4 eS 48.0 Dist. 160 Km.		
27	eP 00:59:29 eS 44 Dist. about 120 Km.		iP 05:42:52.5 i(S) 43:02.5	30	iP 04:06:38.1 iS 49.2 Compression from ENE? Dist. 80 Km.
	iP 04:49:10.4 iS 50:14 Compression from ESE Dist. about 600 Km.		iP 07:56:30.3 i(S) 35.5		eP 05:38:50.3 iS 39:23.1 Compression from ESE Dist. 280 Km.
	iP 05:10:53.0 iS 11:00 Dilatation from SE Dist. about 60 Km.		e(P) 09:00:59.5		e(P) 23:06:17 eS 45.6
	eP 05:57:25.2 eS 37.5 Dist. 70 Km.		iP 10:50:20.7 Dilatation		eP 23:21:12 eS 26.9 Dist. 120 Km.
	eP 06:44:28.9 eS 35.2 Dist. 60 Km.		eP 12:26:22 e(S) 27:02.7		
	iP 06:45:46.9 iS 53.5 Dist. 60 Km.		iP 15:14:41.7 iS 45.7 Dilatation Dist. 40 km.	31	eP 02:34:12.5 eS 39.9 Dist. 240 Km.
	eP 08:09:07.8 eS 15.1 Dist. 70 Km.		e(P) 17:29:24.7 eS 42.5		eP 05:54:15.6 eS 44.5 Dist. about 260 Km.
			e(P) 23:38:21 e(S) 41.5		
			eP 23:41:52.2 iS 42:12.1 Dist. 170 Km.		eP 07:48:42.6 i 50.7 eS 49:04.5 i 10.4

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Jul. 31 e(P) 18:46:09
1966 e(S) 44.0

eP 18:59:49.5
eS 19:00:37
Dist. about 70 Km.

eP 22:20:40.1
eS 22:14
Dist. about 930 Km.

Jul. 31 eS 22:43:44
1966

e(P) 23:06:37.0
eS 44.1

Aug. 01 eP 04:10:37.5
eS 11:04.6
Dist. 230 Km.

e(P) 04:14:31.5
i 34.5
e(S) 49.7
Compression NE

Aug. 01 iP 05:36:56.8
iS 37:01.1
Compression SE
Dist. 40 Km.

iP 07:47:02.1
eS 18.6
i 19.3
Dist. 130

Franulic
Seismologist.

YANUARIUS JANUARIUS: JAN. ITANUARI
YANUARIUS JANUARIUS: JAN. ITANUARI
YANUARIUS JANUARIUS: JAN. ITANUARI

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.

IMPRESO AEREO

CHILE
July - Aug '66

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Jul. 30 eP 03:08:49.2 eS 09:27.4 Dist. 360 Km.	Aug. 03 iP 23:06:15.8 iS 38.0 Dilatation Dist. 200 Km.	Aug. 07 eP 14:59:22.5 e(S) 48
31 eP 06:12:24.7 eS 36.2 Dist. 95 Km.	04 eP 05:10:41.4 eS 11:22.5 Dist. 390 Km.	08 e(PKP) 09:13:13.0 eP 09:58:52.2 i 52.8 i(S) 59:53.8
eP 06:57:16 iS 37.3 Dist. 195 Km.	iP 10:25:32.2 iS 42.9 Dist. 90 Km.	iP 10:49:11.1 iS 19.5 Small Dist. 65 Km.
eP 07:12:46.8 eS 13:18.3 Dist. 295 Km.	05 eP 06:48:13.5 e(S) 51	iP 11:20:31.4 iS 43.8 Dilatation Dist. 105 Km.
Aug. 01 eP 05:10:36.4 iS 45 Dist. 65 Km.	iP 11:22:25.2 iS 23:04.5 Dist. 375 Km.	eP 13:49:09.2 e(S) 50.39.5
eP 10:18:25 eS 19:04.5 Dist. 375 Km.	eP 21:47:02.5 eS 19.5 Dist. 150 Km.	
eP 12:40:21.1 eS 38.4 Dist. 155 Km.	06 iP 15:41:43.5 iS 58.9 Compression Dist. 135 Km.	
ePKP 19:29:32	iP 19:59:04.4 iS 25.4 Compression Dist. 190 Km.	
ePKP 20:50:33.2		
e(PKP) 21:28:34.4 e 44:55	07 ePKP 02:31:55.5 epPKP 33:26 esSKS 41:19 ePS 43:12 eSPP 44:45 eSPS 49:59 eP 03:03:28 eL 09 Dist. about 122° Deph about 200 Km.	
ePKP 22:50:32.2		
02 eP 03:48:02.8 e(S) 21		
eP 10:30:20.1 iS 36.6 Dist. 145 Km.		
eP 23:30:45 eS 31:08 Dist. 210 Km.		
03 eP 08:03:07.8 e(S) 04:22.5		
eP 08:30:38 e(S) 31:25		
eP 18:09:33.3 iS 43.3 Dist. 80 Km.		

E. Lorca.
Seismologist.

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Aug.01 eP 19:29:32.8 1966 Distant shock?	Aug.05 eP 11:22:29.9 1966 eS 23:11 Dist. 390 Km.	Aug.08 eP 08:13:13.5 1966 Distant shock?
eP 20:50:34 Distant shock?	06 eP 15:41:40 eS 52.5 Dist. 105 Km.	eP 09:58:56.5 e 59:45
eP 21:22:36.5 Distant shock?	eP 19:59:09.3 e(S) 37	eP 11:20:34.8 iS 48.0 Dist. 120 Km.
02 eP 03:48:00.5 eS 18.0 Dist. 155 km.	07 eP 14:59:21 e(S) 46	
04 eP 10:25:32 eS 42.5 Dist. 85 Km.		E. Lorca Seismologist

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" W h 381 m

Jul.08 eP 07:49:35 1966 eS 50:01 Dist. 220 Km.	Jul.10 eP 02:55:33 eS 54 Dist. 170 Km.	L. Cabello Seismologist.
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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Aug.01 eP 04:10:37.5 1966 eS 11:04.6 Dist. 230 Km.	Aug.01 e(P) 10:23:10 eS 34.8	Aug.01 eP 23:26:04.9 eS 27:43.2 Dist. about 390 Km.
e(P) 04:14:31.5 i 34.5 e(S) 49.7 Compression from NE	eP 14:09:43.1 eS 10:29.6 Dist. 440 Km.	02 e(P) 00:31:35.9 e(S) 32:04.9
iP 05:36:56.8 iS 37:01.1 Compression from SE Dist. 40 Km.	eP 16:24:28.3 eS 25:05.9 Dist. 330 Km.	eP 01:07:21.9 i 28.1 e(S) 08:07.2
iP 07:47:02.1 eS 18.6 i 19.3 Dist. 130 Km.	e(P) 17:34:42 eS 35:19.5	e(P) 03:15:48.4 e(S) 16:30
eP 09:52:03.6 i 04.0 e 28.7 iS 53:07.0	ePKP 21:22:29 ePP 25:52 e 43:00 eSS 44:16 eSSS 50:07 eG 22:01:06 eR 11:00 Dist. about 140° Doubtful interpretation	eP 05:48:43.4 e(S) 49:00.7 eP 06:26:37.6 eS 27:05.9 Dist. 250 Km. e(P) 07:03:47.8 eS 54.8

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Aug.02 eP 10:16:04.1	Aug.05 iP 00:50:51.8	Aug.07 eP 02:44:02
1966 eS 10.9	1966 iS 51:21.9	eS 09.6
Dist. 60 Km.	Dilatation	Dist. about 60 Km.
eP 11:33:26.3	eP 08:17:14	e(P) 15:00:30
eS 47.9	eS 26.9	e(S) 02:05
Dist. 180 Km.	Dist. about 100 Km.	iP 15:28:23.2
e(P) 12:41:50	eP 11:22:39.4	iS 29:03.2
Local shock	e 47.2	Compression from SE
e(P) 13:32:48.9	i(S) 23:43.8	Dist. 360 Km.
e(S) 33:19.1	eP 15:52:49.5	eP 17:47:35.4
e(P) 14:13:23.5	iS 53:24.5	eS 56:43
eS 58.5	Compression from NE	eSS 18:01:00
eP 14:25:22	Dist. 310 Km.	eG 04:54
eS 39.5	eP 17:37:22.5	eR 10:18
e(P) 20:20:00	eS 44.8	Dist. about 70°
eS 26.5	Dist. 190 Km.	eP 17:57:10.2
03 e(P) 00:44:02.3	06 eP 02:45:16.3	eS 30.4
eS 27.5	eS 22.4	Dist. 170 Km.
eP 02:57:58.3	Dist. 50 Km.	e(P) 18:24:21
local	iP 08:17:55.1	eS 44.9
eP 03:38:20.7	iS 18:08.0	iP 20:23:58.4
eS 42.2	Compression from NE	i(S) 25:06.8
Dist. 180 Km.	Dist. 100 Km.	Compression from NE
04 iP 03:39:13.5	iP 10:36:56.6	e(PKP) 20:38:19.9
iS 25.8	iS 37:01.9	08 e(P) 01:16:13.0
Dilatation from SW	Dist. 40 Km.	eS 44.3
Dist. 100 Km.	e(S) 14:42:28.9	eP 01:26:33.3
e(P) 09:21:37	eP 18:29:11.7	e(S) 28:15.0
eS 22:10.9	eS 35.1	e(S) 01:45:47.8
iP 09:22:46.7	Dist. 200	eP 02:43:13.8
iS 23:02.8	eS 20:02:30.2	Local
Compression from NE	07 e(P) 01:47:05	eP 08:12:26.9
Dist. 130 Km.	eS 09.7	eS 20:38
eP 12:19:03.5	iP 01:48:46.0	eG 26:57
eS 28.3	iS 49:21.6	eR 29:56
Dist. 210 Km.	Compression from E.	Dist. about 59°
eP 17:00:21.8	Dist. 320 Km.	eP 09:58:32.4
e(S) 01:09.9	ePKP 02:32:42	i 32.8
Franulic	eSKKS 40:29	iS 59:02
Seismologist.	ePS 42:32	Dilatation SE
	eSS 48:42	Dist. about 260 Km.
	eSSP 49:00	eP 11:01:40.5
	eSSS 52:46	e(S) 02:21
	eG 03:00:00	eP 13:03:44.3
	eR 07:24	eS 48.9
	Dist. about 110°	Dist. 40 Km.

IMPRESO AEREO

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEM OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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Chile
Aug. '66

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Casilla 2777
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PROVISIONAL READINGS AT SANTIAGO.
33° 27' 11" S 70° 39' 42" W h 533 m.

Aug.10	e(PKP) e	05:29:03.4 27.5	Aug.11	eP eS Dist. 140 Km.	03:09:46.2 10:02	Aug.13	eP e(S)	05:10:35.5 11:06
11	eP Dist. 85 Km.	02:27:22.4 32.9		eP i e(S)	04:25:23.7 25.4 49.6	16	eP Distant shock eP i(S)	02:35:41 02:52:06.4 16
	E. Lorca Seismologist						eP e(S)	20:24:32.5 45.5

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug.08	eP e(S)	13:49:09.2 50:39.5	Aug.13	eP eS Dist. 255 Km.	05:10:29.5 57
10	eP e Distant shock	05:14:04.2 28		E. Lorca Seismologist.	

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" W h 381 m

Jul.25	eP eS Dist. 195 Km.	08:43:50.4 44:11.9	Jul.28	eP eS Dist. 305 Km.	10:50:55.1 51:27.6
27	eP iS Dist. 435 Km.	04:49:50.3 50:35.8	29	iP iS Dist. 120 Km. -Small.	15:08:02.5 15.6
	eP iS Dist. 60 Km. Small	06:28:09.6 17.7	31	eP eS Dist. 85 Km. Small	05:53:39.7 50.3
				L. Cabello Seismologist.	

PROVISIONAL READINGS AT CONCEPCION
36° 49' 41" S 73° 02' 42" W h 46 m.

Jul.27	eP e Distant shock	04:54:(46.9) 55:07.4	A. Sickinger Seismologist.
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PROVISIONAL READINGS AT ANTOFAGASTA.
 23° 42' 18" S 70° 24' 55" W h 80 m.

Aug.08	eP 18:06:37.0 eS 40.5 i 07:03.9 Dist. 80 Km.	Aug.09	iP 22:31:11.4 iS 38.4 Compression from E Dist. 240 Km.	Aug.11	eP 15:21:17.0 i 17.5 iS 39.2 From NE Dist. 190 Km.
	eP 18:35:31.5 eS 54 Dist. about 200 Km.	10	eP 00:24:25.2 eS 25:05.4 Compression Dist. 360 Km.		eP 16:12:42 e(S) 13:08.8
	eP 19:40:07.4 eS 12.6 Dist. 40 Km.		iP 02:19:02.9 iS 08.9 Compression from NW Dist. 50 Km.		e(P) 18:43:51.7 eS 44:29.9
	e(P) 20:14:58.6 eS 15:03.4		eP 03:34:00.1 eS 19.6 Dist. 160 Km.	12	e(P) 01:16:12.3 eS 47.4
	iP 20:34:46.1 iS 35:25.9 Compression from SE Dist. 360 Km.		e(P) 03:43:22.9 eS 29.8		e(P) 10:30:30 e(S) 31:09.9
	e(P) 21:59:15.7 eS 23.1		eP 04:30:59.9 eS 31:20.7 Dist. 180 Km.		e(P) 10:35:11.7 e 24.0 iS 36:46.0
09	eP 01:36:57.4 eS 37:06.1 Dist. 70 Km.		e(P) 05:23:51.1 eS 24:15.1		eP 15:20:15.5 eS 47.9 Dist. 290 Km.
	eP 10:34:11 e(S) 50.5		e(P) 13:16:28.3 eS 51.8		eP 17:58:06 eS 41.9 Dist. about 320 Km.
	eP 15:04:02.7 eS 54.0 Dist. 490 Km.		e(P) 14:25:06.3 eS 20.5		e(P) 19:22:23.8 eS 54.5
	eP 15:15:20.3 eS 54.6 i 16:00.9 Compression from ESE Dist. 300 Km.		e(P) 15:02:19.2 e(S) 28.2		eP 19:53:46.0
	e(P) 16:34:26.5 eS 44.5		eP 21:04:20.7 eS 27.0 Dist. 60 Km.		eP 20:07:12.0 eS 49.3 Dist. 330 Km.
	eP 17:04:25.3 eS 05:02.6 Dist. 330 Km.		iP 21:26:54.3 iS 27:39.3		e(P) 22:36:43.3 eS 37:23.5
	e(P) 17:35:00 eS 16.5	11	eP 10:08:19.3 iS 09:22.3		e(P) 00:21:30 eS 21:59.4
	eP 21:14:37.1 eS 58.0 Dist. 180 Km.		e(P) 14:58:07.8 e(S) 37.6		iP 01:19:03.2 eS 22.5 Dist. 160 Km.
			eP 15:11:06 i 22.5		

Franulic
 Seismilogist.

NOTE. We note with regret the death on August 16 of Ing. Federico Greve, director of this institution from 1941 to 1958.

IM

CON LA REFORMA AGRARIA
COMIENZA NUESTRA
INDEPENDENCIA
INTERNATIONAL SEISMOLOGICAL SURVEY
KEY OBSERVATORY
RICHMOND, SURREY, ENGLAND.

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Chile
Aug 1966

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Santiago, Chile.

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Aug.17 eP 16:18:30.5 1966 iS 51.8 Dist. 195 Km.	Aug.18 iP 22:14:41.5 1966 i(S) 54.7 Dilatation	Aug.19 iP 09:09:09.2 1966 iS 25.0 Dilatation Dist. 140 Km.
18 eP 05:48:34.8 e(S) 49:01 Small. eP 10:42:17.7 Distant shock	19 e(P) 00:27:48 Distant shock? eP 02:56:44.8 eS 57:13.2 Dist. 265 Km.	20 iP 02:30:55.4 eS 31:08 Dilatation Dist. 105 Km.

E.Lorca
Seismologist.

PROVISIONAL READINGS AT PELDEHUE.
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug.17 iP 18:26:11.7 1966 iS 12.6 Small Local e(P) 20:12:28 i 12:31.3 i(S) 15:20.5 two shocks ? iP 20:26:48.7 iS 27:06.7 Dist. 160 Km. Dilatation from ESE	Aug.18 iP 14:57:24.4 1966 Distant shock iP 22:14:42.1 Compression 19 iP 00:06:35.8 iS 47.3 Small local eP 00:27:14.4 i 27:32.9 e 48 eP 02:55:31.5 eS 56:01.1 Small Dist. 280 Km. iP 02:56:42.3 e(S) 57:10 Dilatation eP 03:06:01.5 iS 06:19.2 Small Dist. 160 Km. iP 03:45:18.8 iS 43.6 Small Dist. 230 Km. Compression iP 09:09:05.3 e 09:16 Dilatation.	Aug.19 eP 10:14:00.8 1966 eS 14:19.6 Dist. 170 Km. ePKP 12:41:16.1 ePP 43:07 e(SKP) 44:33 e(SKS) 48:28 ePPS 54:45 eSS 13:00:05 eSSS 05:00 e 09:21 eG 17:05 eR 21:40 Dist. 125° Doubtfull interpretation iP 13:55:17.1 iS 55:39.9 Dist. 210 Km. Compression eP 17:05:31.2 eS 54.8 Small Dist. 220 Km. eP 18:51:54.2 e(S) 52:56 eP 19:08:01.3 e 08:06.7 e(S) 09:00.8 eP 19:48:10.7 e(S) 50
18 iP 05:48:30.9 iS 48:54.0 Dist. 210 Km. Dilatation (from NE) e(P) 10:34:43.7 iS 35:02.7 Small. iP 10:42:15.4 e 43:49 eS 49:29 ePS 50:00 e(SeS) 52:02 eSS 54:47 eR 57 Dist. 52° PZ=0.14, 1.1 sec Magnitude about 6.0 iP 14:53:29.7 Distant shock		

Dilatation from NE
Dist. 70 Km.

e(P) 12:59:14.8
eS 30.5

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Aug.17 eP 16:18:30.5 1966 iS 51.8 Dist. 195 Km.	Aug.18 iP 22:14:41.5 1966 i(S) 54.7 Dilatation	Aug.19 iP 09:09:09.2 1966 iS 25.0 Dilatation Dist. 140 Km.
18 eP 05:48:34.8 e(S) 49:01 Small, eP 10:42:17.7 Distant shock	19 e(P) 00:27:48 Distant shock? eP 02:56:44.8 eS 57:13.2 Dist. 265 Km.	20 iP 02:30:55.4 eS 31:08 Dilatation Dist. 105 Km.

E.Lorca
Seismologist.

PROVISIONAL READINGS AT PELDEHUE.
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug.17 iP 18:26:11.7 1966 iS 12.6 Small Local e(P) 20:12:28 i 12:31.3 i(S) 15:20.5 two shocks ? iP 20:26:48.7 iS 27:06.7 Dist. 160 Km. Dilatation from ESE	Aug.18 iP 14:57:24.4 1966 Distant shock iP 22:14:42.1 Compression 19 iP 00:06:35.8 iS 47.3 Small local eP 00:27:14.4 i 27:32.9 e 48 eP 02:55:31.5 eS 56:01.1 Small Dist. 280 Km. iP 02:56:42.3 e(S) 57:10 Dilatation eP 03:06:01.5 iS 06:19.2 Small Dist. 160 Km. iP 03:45:18.8 iS 43.6 Small Dist. 230 Km. Compression iP 09:09:05.3 e 09:16 Dilatation.	Aug.19 eP 10:14:00.8 1966 eS 14:19.6 Dist. 170 Km. ePKP 12:41:16.1 ePP 43:07 e(SKP) 44:33 e(SKS) 48:28 ePPS 54:45 eSS 13:00:05 eSSS 05:00 e 09:21 eG 17:05 eR 21:40 Dist. 125° Doubtfull interpretation iP 13:55:17.1 iS 55:39.9 Dist. 210 Km. Compression eP 17:05:31.2 eS 54.8 Small Dist. 220 Km. eP 18:51:54.2 e(S) 52:56 eP 19:08:01.3 e 08:06.7 e(S) 09:00.8 eP 19:48:10.7 e(S) 50
18 iP 05:48:30.9 iS 48:54.0 Dist. 210 Km. Dilatation (from NE) e(P) 10:34:43.7 iS 35:02.7 Small. iP 10:42:15.4 e 43:49 eS 49:29 ePS 50:00 e(SeS) 52:02 eSS 54:47 eR 57 Dist. 52° PZ=0.1u, 1.1 sec Magnitude about 6.0 iP 14:53:29.7 Distant shock		

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug.19	eP	20:00:45.4	Aug.20	iP	07:59:34.6	Aug.21	iP	20:22:31.9	
	iS	01:00.4		eS	55.3		iS	22:41.6	
	Small			Small			Dilatation		
	Dist.	130 Km.		Dist.	190 Km.				
	eP	21:21:46.9		Compression			eP	23:07:53.7	
	e(S)	22:53		iPKP	08:46:28.3		e	59.1	
				Compression			Distant shock		
	iP	22:19:39.4		eP	09:52:03.7		iP	00:55:01.6	
	iS	52.0		i	12.1		iS	55:24.8	
	Compression			Distant shock			Small		
	Small						Dist.	210 Km.	
	Dist.	110 Km.		eP	14:28:53.9		eP	02:28:50.5	
20	eP	02:27:28.0		iS	29:12.1		eS	29:05.3	
	iS	45.2		Small			Small		
	Small			Dist.	160 Km.		Dist.	130 Km.	
	Dist.	150 Km.		iP	14:41:11.5		eP	03:20:33.3	
	iP	02:30:55.8		iS	41:34.8		iS	20:55.4	
	e(S)	31:05		Dilatation			Small		
	Compression			Dist.	210		Dist.	200 Km.	
	eP	07:13:28.8		iP	16:09:43.7		eP	03:22:34.3	
	iS	14:01.6		iS	10:01.8		eS	22:51.4	
	Small			Dist.	160 km.		Dist.	150 km.	
	Dist.	310 Km.		Dilatation			Small.		
	iPKP	07:49:31,1	21	eP	19:58:58.1		iP	04:05:52.7	
	Dilatation.			iS	59:13.4		e(S)	06:02	
				Small			Dilatation		
				Dist.	130 Km.				
							iP	05:20:08.2	
							i	20:12.8	
							Compression		
							Distant shock		
							eP	13:16:18.4	
							iS	16:36.5	
							Dist.	160 Km.	
							Small		
							eP	13:31:50.8	
							e(S)	33:06	
							eP	17:26:28.2	
							iS	26:44.7	
							Dist.	140 Km.	
							Small		
							22	iP	00:33:16.2
								iS	33:41.7
								Compression	
								Dist.	230 km.
								eP	01:57:15.6
								i	29.3

PROVISIONAL READINGS AT PELDEMUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug. 22 1966	eP 04:04:47.8 eS 13 Dist. 230	Aug. 22 1966	eP 07:58:47.6 e(S) 59:50	Aug. 22 1966	iP 14:31:30.6 eS 31:51.4 Dilatation Dist. 190 Km.
	iP 04:52:58.7 eS 53:28 Dilatation Dis. 270 Km.		eP 08:01:54.6 e(S) 02:45.6		iP 14:39:47.7 Distant shock Compression from NW
	eP 07:15:42.6 iS 16:00.0 Small Dist. 150 Km.		-iP 12:01:06.1 Small Compression		
			iP 12:17:37.9 e(S) 18:21		E. Lorca Seismologist.

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" W h 381 m

Aug. 05	iP 11:21:56.5 iS 22:18.1 Dist. 195 Km.	Aug. 08	iP 09:57(56.0) iS 58(11.9) Dist. about 140 Km.	L. Cabello Seismologist
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PROVISIONAL READINGS AT CONCEPCION
36° 49' 41" S 73° 02' 42" W h 46 m.

Aug. 08	eP 13:46:50.1 eS 47:19.4 Dist. 275 Km. Small	Aug. 12	eP 01:03:02.9 eS 11.6 Dist. 65 Km. Small.	Aug. 15	eP 20:38:18.3 iS 41.5 Dist. 210 Km. Small.
					A. Sickinger Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Aug. 13	eP 15:04:05.6 e(S) 35.4	Aug. 13	e(P) 23:27:04.7 eS 23.2	Aug. 14	eP 19:01:32 eS 02:22.1 Dist. 480 Km.
	eP 15:15:26.2 eS 51 Dist. about 210 Km.	Aug. 14	eP 03:01:29.9 eS 52.7 Dist. 190 Km.	15	eP 04:13:43.1 eS 14:23.6 Dist. 360 Km.
	eP 16:24:16.5 eS 55.6 Dist. 350 Km.		eP 03:34:53.8 eS 35:29.9 Dist. 320 Km.		e(P) 16:31:35 eS 32:24.7
	eP 17:50:35.1 eS 51:02 Dist. about 240 km.		eP 07:47:48.3 eS 48:41.0 Dist. 500 Km.	16	eP 01:53:27.3 e(S) 51.2
	e(P) 19:08:57.8		eP 10:59:31.8 eS 11:00:11.8 Dist. 360 Km.		ePKP 02:35:31.9
	iP 22:28:39.5 iS 47.9 Dilatation from NE Dist. 70 Km.		e(P) 12:59:14.8 eS 30.5		eP 02:53:57.6 e(S) 55:28.9 i 46.4

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PROVISIONAL READINGS AT ANTOFAGASTA.
 23° 42' 70" S 70° 24' 55" W h 80 m.

Aug.16 1966	e(P) 05:25:30.9 e(S) 26:09.7 e(P) 18:47:09 eP 19:57:43.7 eS 52.6 Dist. 80 Km. e(S) 20:27:38.3 e(P) 23:36:06.5	Aug.19 1966	eP 02:09:27.0 eS 33.8 Dist. 60 Km. iP 02:27:41.3 iS 28:21.8 Dist. 370 Km. eP 02:57:52.4 e(S) 59:23.1 e(P) 10:38:52.0 e(S) 39:11.0	Aug.21 1966	iP 02:41:40.7 eS 42:21.2 Dist. 370 Km. Compression eP 04:14:12.9 e(S) 21.4 iP 04:34:21.5 eS 55.7 i 57.7 Dist. 300 Km. Compression from S
17	eP 01:03:14.3 eS 49.9 Dist. 320 Km. e(P) 10:12:33 eS 13:12.3 eP 13:20:21.3 eS 39.5 Dist. 140 Km. e(S) 16:23:12.6 eP 20:12:55.8 PZ 0.15 1.0 sec. eP 22:42:02.0 eS 41.1 Dist. 370 Km.	20	e 00:19:04.9 eP 02:38:33.7 eS 37.9 Dist. 40 Km. e(P) 05:27:18.6 eS 36.9 eS 06:43:23.7 eP 07:48:08.9 e(S) 52:00 eP 08:56:24.2 eS 51.5 Dist. 240 Km. eP 09:51:56.9 i 59.4 e 52:39.9 Compression eP 15:37:27 eS 42.2 Dist. about 120 Km. eP 16:52:47.0 eS 53:10.0 Dist. 200 Km. Compression from E eP 19:04:44.8 eP 19:50:05.8 eS 12.3 Dist. 60 Km. eP 21:55:01.1 eS 49.0 Dist. 450 Km. e(P) 23:47:02 eS 31.6	eP 04:40:57.9 eS 41:14.0 Dist. 130 Km. eP 07:15:16.8 eS 42.3 Dist. 220 Km. eP 08:50:02.5 e(S) 51:32.5 eP 10:29:48.0 eS 30:26.0 Dist. 340 Km. e(P) 17:39:42 eS 40:05 eP 18:43:50 eS 44:19 Dist. 250Km. eP 19:11:16 eS 29 Dist. about 100 Km.	
18	e(P) 00:25:04.7 e(P) 01:33:17 eS 37.9 eP 09:08:59.8 eS 09:18.3 Dist. 150 Km. eP 10:41:13.2 PZ=0.12 1.0 seg. e(P) 18:55:03.5 e(S) 31.7 i 34.5 eS 22:19:08.8 e(P) 22:49:04.4 eS 07.9	22	eP 00:05:07 eS 43 Compression Dist. about 320 Km. iP 04:21:55 iS 22:19 Compression Dist. about 210 Km. eS 05:13:47 eS 07:59:39 eP 08:13:41 eS 14:19 Dist. about 340 Km. e(P) 10:52:39 eS 53:35	19	eP 00:26:48.9 i 52.9 iS 27:33.3 Dist. 420 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA.
 23° 42' 70" S 70° 24' 55" W h 80 m.

Aug. 22 eS 16:19:49
 eS 16:49:14.3
 eS 53.7
 Dist. 350 Km.
 e(P) 16:54:46.6
 e(S) 55:17.1
 iP 17:01:19.1
 iS 34
 Compression N.NE
 Dist. about 120 Km.
 ePKP 17:21:43.4
 iP 17:31:33.4
 iS 32:13.6
 Compression NE
 Dist. 360 Km.
 eP 19:10:33.1
 e(S) 44.6
 eP 20:47:40.6
 eS 48:21.1
 Dist. 370 Km.
 eP 20:53:12.5
 eS 50.0
 Dist. 330 Km.
 eP 22:53:32.1
 eS 54:03.6
 Dist. 280 Km.

Franulic
 Seismologist.

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO



Chile Aug '66

PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" 70° 39' 42" W h 533 m.

Aug. 23 eP 04:03:27.5 1966 e(S) 04:36	Aug. 26 eP 12:11:(51) 1966 e(S) 12:17	Aug. 29 iP 12:11:17.4 1966 eS 11:23 Local.
25 eP 23:21(20)	eP 14:32:06.8 eS 31.8 Dist. 230 Km.	
26 eP 03:06:35.4 e 51	iP 20:59:46.4 iS 56.4 Dist. 80 Km.	E. Lorca Seismologist.

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug. 22 eP 22:39:52.6 iS 40:12.6 Small Dist. 180 Km.	Aug. 23 iP 23:00:17.6 eS 00:39 Dist. 190 Km.	Aug. 25 iP 01:55:05.5 eS 55:17.8 Dist. 100 Km.
eP 22:53:54.9 e(P) 54:35.2 e(S) 57	iP 23:40:49.5 iS 41:13.8 Dist. 220 Km. Compression from NNE	eP 03:12:55.8 eS 13:35.7 Dist. 360 Km.
eP 23:01:32.0 i 32.9 eS 50.3 Dist. 160 Km.	24 eP 01:52:29.7 iS 52:46.8 Small Dist. 150 Km.	iP 21:59:49.4 iS 59:52.1 Small local
eP 23:20:05.8 e 20:15.7 eS 20:38	eP 04:00:23.2 iS 00:44.9 Small Dist. 200 Km.	e(P) 22:23:07.2 e(S) 24:55.5
iP 23:39:10.7 e 39:16.3 iS 39:24.1 Compression Dist. 110 Km. Small	eP 04:25:36.2 iS 26:02.1 Small Dist. 240 Km.	eP 23:21:16.8 i 23.0
22 eP 01:00:30.8 e(S) 01:39	eP 07:20:16.2 i 20:20.0 i 20:30.2 iS 23:03.9 Dist. 14°	26 eP 00:18:16.2 i 18:25.4 e(S) 20:30
eP 04:03:22.9 e(S) 04:15	eP 08:41:16.4 eS 41:39.3 Small Dist. 210 Km.	eP 00:50:32.8 iS 50:53.0 Small Dist. 180 Km.
eP 09:55:00.2 iS 11.6 Dist. 90 Km.	eP 10:24:48.0 iS 25:35.0 Dist. 350 Km.	iP 01:04:34.3 i 58.0 Compression Distant shock
eP 10:14:30 iS 14:44.9 Small Dist. 130 Km.	eP 21:45:57.4 46:35.6 Small Dist. 360 Km.	eP 01:14:31.5 iS 15:09.9 Small Dist. 300 Km.
eP 13:25:39.7 iS 26:02.9 Small Dist. 210 Km.		iP 02:13:59.9 iS 14:24.5 Small Dist. 220 km.

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" 70° 41' 07" W h 690 m.

Aug. 26 1966	iP 03:06:32.0 e 07:07.5 i(S) 08:29.0 Dilatation from NNE	Aug. 26	eP 22:55:40.6 i 55:41.5 e(S) 57:12	Aug. 28	iP 03:02:33.6 iS 02:44.3 Small Dist 90 Km.
	eP 04:06:41.3 iS 07:09.4 Dist. 260 Km.		eP 23:32:19.0 iS 32:31.5 Small Dist. 100 Km.		eP 05:21:45.4 eS 31.7 Dist. 420 Km.
	iP 06:08:44.1 e(S) 09:42 Compression	27	iP 00:07:59.1 08:12.7 Small Dist. 120 Km.		iP 07:24:42.2 eS 25:08.7 Small Dist. 240 Km.
	eP 07:51:50.8 iS 52:01.3 Dist. 80 km.		iP 01:16:01.9 i 16:05.0 iS 16:44.8 Dist. 410 Km.		iP 07:42:04.1 Distant shock
	iP 11:42:03.4 e(S) 42:48 Dilatation		iPKP 02:55:53.8 Distant shock		iP 08:30:10.8 iS 39:35.4 Dist. 230 Km. Dilatation.
	eP 12:11:46.7 eS 12:08 Compression from S		eP 03:31:12.7 iS 28.2 Dist. 130 Km.		iP 10:21:01.7 Distant shock
	iP 14:32:03.1 iS 32:25.4 Dist. 200 km. Dilatation from NNE		eP 04:55:19.9 i 55:23.8 Distant shock		iP 22:50:23.4 Distant shock
	eP 14:41:00.8 Distant shock		eP 09:15:13.7 iS 33.8 Small Dist. 180 Km.	29	e(P) 03:48:06.2 e(S) 48:53.5
	iP 19:33:46.7 iS 34:09.5 Dist. 210 Km.		eP 19:33:26.6 eS 59.5 Dist. 330 Km.		iP 07:28:13.5 eS 28:49.5 Dilatation Dist. 340 Km.
	iP 20:59:47.2 eS 59:57.5 Dilatation Dist. 80 Km.	28	eP 01:49:03.9 iS 27.8 Dist. 220 Km. Small		iP 08:37:37.6 iS 37:58.6 Dist. 190 Km.
					iP 12:11:13.9 i(S) 11:22.5 Local Compression (from NW)
					iP 13:15:44.2 iS 16:01.9 Dilatation Dist. 160 Km.

E. Lorca
Seismologist.

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PROVISIONAL READINGS AT CONCEPCION
36° 49' 41" S 73° 02' 42" W h 46 m.

Aug. 17 e(P) 16:18(43)	Aug. 26 eP 06:07(46.0)
eS 19:01	eS 08:01.8
	Dist. 140 Km.
18 eP 10:00:09.0	Small
Small	
21 eP 13:30:56.5	
eS 31:07.5	
Dist. 90 Km.	
22 eP 01:56:50.5	A. Sickinger
eS 57:02.2	Seismologist.
Dist. 95 Km.	

PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Aug. 23 eP 01:55:22.4	Aug. 24 eP 14:27:16.5	Aug. 25 e(P) 15:44:10.4
eS 56:28.0	eS 34.3	e(S) 26.6
Dist. 640 Km.	Dist. 150 Km.	
eP 04:03:36.7	eP 14:38:51.2	eP 20:06:04.7
e(S) 04:41	eS 39:19.5	Local
	Dist. 250 Km.	
eP 16:59:58	eP 15:28:35	iP 22:21:09.1
eS 17:00:20.1	eS 29:01.6	iS 33.7
(Dist. 200 Km.)	Dist. 230 Km.	Compression from NE
eP 19:41:46	eP 17:58:29.6	Dist. 220 Km.
eS 42:22.1	eS 59:08.1	Felt at Calama
Dist. about 320 Km.	Dist. 350 Km.	
eP 22:33:25	eP 18:43:42.3	iP 23:19:24.7
eS 55.0	eS 44:09.0	iS 48
Dist. about 270 Km.	Dist. 230 Km.	Compression from NE
24 eP 02:39:11.1	ePKP 20:14:58.7	Dist. 210 Km.
eS 28.3		Felt at Calama
Dist. 140 Km.	iP 20:16:25.7	26 iP 00:16:24.0
e(P) 05:59:10	iS 39.0	iS 48.8
eS 06:00:11.2	Compression from N	Compression from NE
iP 07:18:13.4	Dist. 110 Km.	Dist. 220 Km.
iS 54	25 eP 03:45:23.8	e(P) 03:06:45.5
Dilatation from NNE	eS 46:03.5	eS 07:22
Dist. 370 Km.	Dist. 360 Km.	
e(P) 11:18:49	eP 06:11:13	eP 04:41:17.1
eS 19:16.1	eS 40.1	eS 54.9
iP 12:09:13.8	Dist. about 240 km.	Dist. 340 Km.
iS 43.8	e(P) 13:56:55	eP 07:52:39.5
Compression from ESE	eS 57:44	eS 53:02.7
Dist. 270 Km.	eP 14:30:14.4	Dist. 200 Km.
eP 12:41:46.6	eS 32.3	e(P) 11:41:34
eS 42:23.5	Dist. 150 Km.	e(S) 49
Dist. 330 Km.		eP 11:52:02.7
		eS 39.4
		Dist. 330 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S · 70° 24' 55" W h 80 m.

Aug. 26	e(P)	15:45:12	Aug. 27	eP	15:17:51.3	Aug. 29	eS	01:02:24
	eS	34.8		eS	18:48.6		e(P)	01:30:10.4
	eS	15:51:36.6		Dilatation NE			e(S)	43.7
	eP	15:59:08.8		Dist. 550 Km.			eP	03:52:47.0
	eS	45.6		e(P)	17:23:43		i	47.9
	Dist.	330 Km.		e(S)	24:05.4		eS	53:32.7
	eS	16:43:56.1		e(P)	18:58:05.5		Compression	
	eS	22:03:50		e(P)	19:08:18		Dist. 440	
	iP	22:54:20.2		eS	42.7		eP	05:49:26.9
	iS	46.0		e(P)	19:39:19.7		e(S)	50:23.2
	Dilatation from SE			e	35.4		eP	07:57:23.3
	Dist.	230 Km.		i(S)	54.9		eS	45.5
				eP	22:54:40.7		Dist.	190 Km.
27	eS	00:20:29		eS	52.3		eP	08:06:10.6
	eP	01:29:43.9		Dist.	90 Km.		e(S)	33.8
	eS	30:24.3	28	eS	01:10:08.7		eP	09:08:51.8
	Dist.	360 Km.		eP	15:57:18.6		eS	09:42.3
	eS	02:31:34.4		eS	50.9		Dist.	480 Km.
	eP	03:30:37.1		Dist.	290 Km.		eP	12:10:20.0
	Local			eP	21:05:24		i	23.1
	e(P)	04:24:12		eS	46.5		iS	49.3
	eS	26:46.5		Dist.	about 190 Km.		Compression from S	
	eP	05:14:09.5					Dist.	240 Km.
	eS	50.7					eP	12:45:23.5
	Dist.	370 Km.					e(S)	46:46.
	eS	06:02:32.3						
	eS	08:40:21.3						
	eP	10:42:01.8						
	eS	41.6						
	Dist.	360 Km.						

Franulic
Seismologist.

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S · 70° 21' 04" W h 381 m

Aug. 09	eP	22:31:33.1	Aug. 15	eP	16:30(39.4)	Aug. 17	iP	09:21:25.1
	e(S)	32:(23.8)		iS	46.5		iS	39.5
				Dist.	50 Km.		Dist.	125 Km.
11	eP	10:08:39.6					eP	10:12:04.0
	iS	08:00.0		16	eP	02:52:56.2	eS	17.2
	Dist.	185 Km.		eS	53:54.6		Dist.	112 Km.
				Dist.	565 Km.			
12	eP	10:34:31.0						
	eS	35:00.0						
	Dist.	270 Km.						

L. Cabello
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO

Chile
Aug - Sept '66

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" 70° 39' 42" W h 533 m.

Aug. 31 1966	iP 04:43:09,7 eS 30,2 Dist. 185 Km.	Aug. 31 1966	iP 20:48:17,9 iS 34,7 Dist. 150 Km.	Sept. 04 1966	iP 22:00:11,0 eS 46,7 Dist. 335.
	iP 19:40:18,2 iS 41:25,8 Dist. 655 Km.				E. Lorca Seismologist.

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Aug. 29	e(P) 21:10:41,5 e(S) 11:28,2 eP 22:35:26,4 eS 35:57,6 Dist. 290 Km.	Sep. 01	iP 17:37:46,8 iS 37:59,8 Dist. 110 Km. Small eP 18:35:54,5 eS 36:12,7 Dist. 160 Km. eP 18:35:54,5 eS 36:12,7 Dist. 160 Km. Small iP 19:39:51,9 iS 40:14,2 Dist. 200 Km. Small iP 22:14:17,4 iS 14:19,8 Local Compression from W	Sep. 02	eP 08:07:08 ePP 08:09,0 eS 13,5 eSS 16,8 eR 19,0 Dist. 44° e(P) 09:20:03 e(S) 45 Small eP 12:44:41,9 e 58,0 e(S) 45:11 iP 14:09:21,9 iS 09:33,6 Dist. 100 Km. eP 15:47:29,7 eS 48:11,9 Dist. 400 Km. iP 17:24:21,0 iS 24:47,0 Dist. 240 Km.
30	iP 00:55:57,9 Compression Distant shock	02	eP 00:20:20,5 eS 20:37,8 Small Dist. 150 Km. iP 01:10:22,8 iS 10:47,3 Dist. 230 Km. Dilatation iP 06:25:00,6 eS 13,4 Dist. 119 Km. eP 07:00:35,9 iS 00:57,0 Small	03	eP 01:48:38,3 eS 48:58 Dist. 180 Km. iP 09:15:24,7 iS 51,8 Dist. 250 Km. iP 11:39:24,3 iS 39:38,4 Small Dist. 120 km. eP 12:16:01,3
31	iP 20:48:14,2 e 48:22 iS 48,28,2 Dist. 120 Km. Dilatation from SE iP 22:13:36,8 iS 13:47,0 Dist. 80 Km. Dilatation				
Sep. 01	eP 04:28:01,9 iS 28:28,8 Small Dist. 250 Km. eP 13:37:22,7 eS 37:52,6 Dist. 280 Km. iP 14:36:07,3 e 10,0 i 19,5 eP 16:31:45,7 i 31:46,7 eS 32:53,0 i 32:54,6 Dist. 650 Km.				

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.03	eP	13:31:30,6	Sep.03	eP	19:30:19,1	Sep.04	eP	05:41:31
	iS	48,8		iS	30:37,8		e	41:38,6
	Small			Small			i	52,5
	Dist.	160 Km.		Dist.	170 Km.		Distant shock.	
	e	16:46,7	04	iP	00:37:42,9		iP	06:15:01,6
	eR	16:49,4		Distant shock			iS	15:24,3
	e(P)	18:43:21,8		iP	00:46:15,6		Dist.	210 km.
	eS	43:44,1		iS	46:25,5		Small.	
				Dist.	80 Km.			

E. Lorca
Seismologist.

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" h 381 m.

Aug.18	iP	17:11:04,6	Aug.20	iP	15:51:28.1	Aug.22	iP	22:52:54,9
	iS	19,2		eS	42,2		iS	53:09,5
	Dist.	125 Km.		Dist.	120 km.		Dist.	125 Km.
	eP	18:20:34,5	21	iP	02:21:14,2		iP	23:10:06.0
	e(S)	21:31,2					eS	21.7
	iP	22:49:11.9	22	eP	07:57:49,0		Dist.	135 Km.
	eS	38.2		iS	58:00.8		Small	
	Dist.	245 Km.		Dist.	100 Km.	Aug.23	iP	04:02:42,4
19	iP	00:26:12,3		eP	08:01(13,0)		iS	03:01,8
	iS	26,5		e(S)	39,5		Dist.	175 Km.
	Dist.	120 Km.		iP	16:17:57,2		eP	11:55:22,8
	eP	02:57:06,8		iS	18:09,4		iS	30,5
	e(S)	54.1		Dist.	100 Km.		Dist.	55 Km.
	eP	09:10(02.5)		eP	17:02:07,2			
	e(S)	11:03		eS	03:01,5			
				Dist.	525 Km.			

L.Cabello
Seismologist.

PROVISIONAL READINGS AT CONCEPCION
23° 42' 18" S 70° 24' 55" W h 80 m.

Aug.28	eP	17:29:45,5	Aug.31	eP	19:39:25,0	Aug.31	eP	19:39(42,5)
	iS	51,0		iS	35,0		iS	59,0
	Dist.	33 Km.		Dist.	80 Km.		Dist.	about 145 Km.

A. Sickinger
Seismologist.

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PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 24" 55" W h 80 m.

Aug. 29	eP 15:08:54,6 eS 09:12,4 Dist. 150 Km.	Sep. 01	eS 19:27:58,1 eS 22:04:32,9	Sep. 04	iP 05:39:28,5 iS 04:36,8 Compression ENE Dist. 670 Km.
	e(P) 16:15:27,6 eS 16:09,8	02	eP 02:22:32,6 e(S) 48,5 i 23:05,3		eP 07:16:49,6 eS 07:17:13,6 Dist. 210 Km.
	eP 20:36:16,6 e(S) 20:36:56		e(P) 06:28:23,1 e(S) 29:11		eP 07:35:30,1 eS 50,3 i 52,8 Dist. 170 km.
	iP 20:55:05,2 iS 17,5 Dist. 100 Km. Compression from NE		eP 08:06:26,0 eS 12:29 eSS 15:35 eR 17:00 Dist. about 40° interpretation doubtful		eP 14:09:18 eS 34,9 Dist. about 180 Km.
30	eP 00:54:52,7 i 54:57,5 e(S) 55:12,0 i 15,9		e(P) 18:40:50 eS 41:17		e(P) 18:09:32 eS 48,6
	eP 01:03:04,3 eS 48,5 Dist. 420 Km.		e(P) 21:02:09 eS 42		eP 20:11:18,8 i 19,0 eS 12:07,8 Dist. 460 km.
	eP 03:01:08 eS 48,1 Dist. 360 Km.		e(P) 22:06:07 eS 25		eS 22:02:40
	e(P) 05:35:30,2 eS 36:50,5		eS 22:24:34		ePKP 22:20:49
	eP 10:44:47 e(S) 45:24,7		e(P) 23:31:23 eS 31:40	05	e(P) 01:19:43,2 eS 20:18,7
	e(P) 11:02:23,8 eS 51,0	03	eP 03:10:33 eS 56,4 Dist. 200 Km.		eP 02:16:23,8 eS 41,6 Dist. 150 Km.
31	e(P) 16:36:22,1 eS 36:28,3		eP 03:41:17 eS 41,36 Dist. 200 Km.		e(P) 03:06:03,4 eS 46,4
	eP 18:47:02 eS 47:27,8 Dist. 230 Km.		eP 04:16:53,7 eS 17:01,3 Dist. 70 Km.		e(P) 04:50:57 Local
	eP 19:42:35 e(S) 45:48,4		eP 16:12:54 e(S) 13:25		eS 07:32:53,3
	e(S) 21:19:05		eP 17:09:23,6 eS 09:39,9 Dist. 130 Km.		eP 07:55:32,5 e(S) 56:11,5
	e(S) 21:51:05,7		eP 19:15:35,6		eP 08:33:20,2 eS 34:05,8 Dist. 430 Km.
Sep. 01	eP 10:02:02 eS 22,1 i 27,1		eP 22:39:24,1 eS 39:51,4 Dist. 240 Km.		e(S) 09:59:23
	eS 12:53:26,5		04		e(P) 10:31:34 eS 59,4
	eS 19:12:18		eP 00:32:16,2 i 32:24,8 e(S) 32:45		

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PROVISIONAL READINGS AT ANTOFAGASTA.
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep 05 eP 12:31:58
eS 32:42
Dist. about 420 Km.

eS 13:47:09,4

iP 19:16:25.0
iS 45,1
Compression E
Dist 170 Km.

Sep.05 eP 20:36:00.3
eS 32,5
Dist. 280 Km.

06 eP 00:11:28,3
eS 49,6
Dist. 180 Km.

eP 03:06:50,1
eS 07:35,2
Dist. 430 Km.

eS 05:26:19,8

Franulic
Seismologist

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
Kew Observatory
RICHMOND, SURREY, ENGLAND.



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*Chile
Sept. '66*

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PROVISIONAL READINGS AT SANTIAGO
33° 27' 11" S 70° 39' 42" W h 533 m.

Sep. 07 1966	eP iS	05:22:34,4 53,5	Sep. 10 1966	eP eS	07:24:21,6 44:42	Sep. 10 1966	eP e(S)	21:41:43,3 42:41
	Dist.	165 Km.		Dist.	180 Km. Small.			
	e(P)	20:32:02,5		eP	13:19:25,6	12	eP iS	15:57:10 37,4
	eP	22:55:40		i	19:27,0		Dist.	about 250 Km.
	e(S)	56:31		e(S)	19:53		eP	18:14:21,6
08	eP e(S)	08:31:17,6 32:31		eP i	14:13:20,7 13:21,8	13	eP eS	06:02:44 03(25)
	eP	13:25(03)		felt				
	iS	27		eP	15:16(29)			
	Dist.	about 220 Km.		e(S)	51			
	ePKP	21:35:19,8		eP	16:28:35,0			
	e	31		iS	29:12,6			
				Dist	355 Km.			
09	iP eS	15:40:30,6 40:42,5						
	Dist.	100 Km.						

*L. Lorca
Seismologist.*

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep. 04	iP iS	22:00:06,3 00:38,5	Sep. 06	eP eS	07:36:35 37:08	Sep. 06	eP eS	16:38:38,0 39:09,1
	Dist.	300 Km.		Small.			Dist.	290 Km.
		Compression from NW		eP	08:01:36		iP	20:52:02,4
	eP	22:22(11)		e(R)	05(40)		Compression	
05	eP eS	02:35:20,5 35:51,6					Distant shock	
	Dist.	290 Km.		eP	08:45:20		eP	22:29:49,2
	eP	04:29:37,7		e(R)	49(30)		iS	29:57,1
	e(S)	30:08,5					Dist.	60 Km.
	eP	09:56:35,2		eP	10:07:09,3	07	eP	00:28(07,5)
	e	56:44		eS	07:34,4		iS	28:28,0
	e	56:51		Small			Small.	
	eS	57:06,5		Dist.	230 Km.			
	Dist.	290 Km.		eP	11:45:55,0		iP	05:22:30,8
	iP	10:29:36,6		eS	46:11,6		iS	22:46,3
	eS	30:06,5		Dist.	150 Km.		Dist.	135 Km.
	Dist.	280 Km.		Small			Dilatation.	
	Dilatation			iP	13:44:25,8		iP	06:10:33,7
	e(P)	12:32:04		i	44:36,0		Dilatation	
	e(S)	33:17		iS	44:39,0		distant shock	
				Dist.	110 Km.			
				Dilatation (from W)				
06	iP iS	00:02:47,0 03:07,0		iP	15:58:50,8		eP	06:37:36,8
	Dist.	180 Km.		iS	58:53,5		eS	38:05,7
	Dilatation			Local shock			Dist.	270 Km.
	Small			Compression from W			Small.	

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.07	eP 07:31:40,6 e(S) 32:41	Sep.08	eP 13:24:56,8 eS 25(20)	Sep.09	iP 08:04:49,0 eS 05:13,0 Small Dist. 220 Km.
	eP 10:45:55,5 eS 45:21 Dist about 230 Km.		eP 15:48:42,5 Distant shock(?)		eP 09:39:46,8 iS 40:03,7 Dist. 150 Km. Small
	eP 12:15:02,5 eS 15:16,0 Dist. 115 Km. Small		iP 17:13:46,6 iS 14:00,8 Dist. 120 Km. Dilatation		eP 10:13:05,1 i 13:06,1 eS 13:23,6 Dist. 160 Km.
	eP 13:48:40,3		eP 21:04(32) eS 05:29		iP 12:06:15,6 iS 06:42,0 Dist. 240 Km. Small.
	iP 14:44:13,8 iS 44:35,0 Compression Small Dist. 190 Km.		iPKP 21:30:16,3 Dilatation		iP 14:14:35,8 iS 14:59,3 Dist. 210 Km.
	iP 16:14:00,4 Dilatation Distant shock		iPKP 21:35:19,7 e 35(36) epPKP 36:27 eSKP 38:32 eSKSP 49:40 eSS 58:45 e 22:03:10		iP 14:52:57,9 iS 53:10,6 Dist. 110 Km. Small
	eP 20:31:58,7 i 32:16,0 e(S) 32:46		eG 24 eR 31 Deep focus Dist 155° Compressor Interpretation very doubtfull		eP 15:40:32,9 eS 40:46 Dist. 110 Km.
	eP 20:56:50,9 eS 57:09,1 Dist. 160 Km. Small		eP 22:15:17,3 i 15:19,0 Distant shock		eP 17:18:42 eS 19,3 Dist. 350 Km. Small
	eP 21:57:42,4 e 55,6	09	eP 04:09:14,5 i 09:17,3 i 09:48,4 Distant shock		eP 19:57:12,7 e(S) 58:38
08	e(P) 00:08:18 e(S) 10:23		eP 04:42:00,3 iS 43:23,0 Dist. 210 Km. Small.		iP 22:41:10,0 eS 32,9 Dist. 210 Km.
	eP 02:08:26,1 eS 08:52,6 Small Dist. 245 Km.		iP 05:11:05,2 Dilatation Distant shock (?)	10	eP 00:19:58,5 iS 20:30,5 Small 300 Km.
	eP 08:31:12,9 e(S) 32:41		eP 05:34:43,6 eS 09,9 Dist. 240 Km. Small		eP 02:46:59,4 e 47:04,5 Distant shock
	eP 10:57:19,7 Distant shock (?)		eP 06:38:11,9 i 38:12,4 iS 38:30,1 Dist. 160 Km. Small.		iP 07:44:17,3 iS 44:36,9 Dist. 175 Km.
	eP 12:37:34,4				
	eP 13:21:12,1 eS 21:47,5 Dist. 335 Km.				

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.10 eP 09:28:58,2	Sep.11 eP 03:02:26,6	Sep.12 iP 07:58:23,6
iS 29:09,0	eS 02:44,4	iS 58:35,7
Dist. 90 Km.	Dist. 160 Km.	Small
Small	Small	Dist. 100 Km.
eP 13:19:22,1	iP 03:56:40,9	eP 09:47:40,3
e(S) 19:43	i 56:56,7	e(S) 48:14
iP 14:13:17,3	e(S) 04:02:35	Small
e 26,3	Dilatation	ePKP 11:43:19
eS 38	Distant shock	eSKP (47:15)
Dist. 190 Km.	eP 07:52:48,1	ePS 54:30
eP 14:27:18,4	eS 53:24,2	ePSP 56:30
eS 28:40	Dist. 340 Km.	eSS 12:01:10
Dist. 200 Km.	iP 12:04:32,6	e 12:11:10
eP 14:53:52,8	iS 04:59,0	eG 12:16
eS 54:14,3	Dist. 245 Km.	eR 12:20
Dist. 190 Km.	Small	Dist. 125°
eP 14:59:57,0	eP 13:34:26,5	Interpretation doubtful
eS 15:00:18	eS 35(02)	eP 15:57:06,5
Dist. 190 Km.	Small	eS 57:29
eP 15:16:23,3	eP 14:02:52,3	Dist. about 210 Km.
eP 16:09:10,2	eS 03:27	Compression from NNW
eS 09:31,4	Small	iP 18:14:17,4
Dist. 190 Km.	Dist. 330 Km.	eS 14:39
eP 16:28:30,4	iP 15:55:08,5	Compression
e(S) 29:08,8	eS 29,4	Dist. about 200 Km.
Compression from N	Dist. 190 Km.	eP 20:00:34,6
eP 18:43:38,3	eP 17:45:21,1	e(S) 01:17,5
iS 43:49,4	i 45:58,4	iP 20:59:37,8
Dist. 90 Km.	i 46:07,8	iS 59:55,6
Small	Distant shock	Dist. 160 Km.
eP 20:00:01,3	iP 17:50:58,4	Dilatation.
eS 00:23	Distant shock	13 iP 06:02:39,3
Dist. 200 Km.	Compression	i 02:43,6
eP 21:20:20,6	12 eP 00:01:11,7	e 03:10
eS 20:36,7	iS 01:35,6	e(S) 03:16
Dist. 140 Km.	Small	eP 18:39(33)
eP 21:32:27,1	Dist. 220 Km.	eS 40:34
eS 32:49,0	eP 05:54:13,5	Small
Small	54:43,2	eP 18:58:27,8
Dist. 200 Km.	Dist. 280 Km.	iS 59:24,1
eP 22:23:15,2	Small	Dist. 540 Km.
eS 23:43,8	eP 07:41:16,2	iP 01:14:49,4
Small	eS 41:35,3	eS 15:12
Dist. 260 Km.	Dist. 170 Km.	Dist. about 200 km.
	Small	Small
		eP 04:39:56,8
		iS 40:16,0
		Dist. 170 Km.
		Small.

E. Lorca
Seismologist.

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PROVISIONAL READINGS AT CONCEPCION
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.02 eP	21:48(24,0)	Sep.07 eP	22:54:48,6
eS	32,9	iS	55:00.6
Dist.	70 Km.	Dist.	100
Small			

PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" W h 381 m.

Aug.24 eP	01:32:57,3	Aug.29 eP	12:10:23.5	Sep.04 eP	00:33(20.0)
iS	33:11,5	iS	48.0	e(S)	35(00.3)
Dist.	120 Km.	Dist.	225 Km.	eP	05:40(16.0)
eP	07:18:59,8	eP	21:10(20.0)	e(S)	41:59.7
eS	20(21,5)	eS	50.7	eP	22:00:22.6
Dist.	795 Km.	Dist.	about 285 Km.	eS	01:07.1
iP	12:09:27,8	eP	21:30:06.5	Dist.	425 Km.
eS	10:16,8	Distant shock		05 eP	07:31:39.3
Dist.	470 Km.	30 iP	05:39:40.0	iS	48.9
Aug.25 eP	00:29:50,3	iS	49.8	Dist.	75 Km.
eS	30:01,7	Dist.	80 Km.	eP	09:56(59.3)
Dist.	95 Km.	31 iP	00:56:05.2	eS	57:25.7
Small.		iS	18.8	e(L)	33.6
iP	03:13:35,7	Dist.	115 Km.	Dist.	about 245 Km.
iS	49,8	iP	08:27:14.6	e	10:30:40.3
Dist.	120 Km.	iS	28:04.2	e(L)	44.0
eP	04:43:15,4	Dist.	475 Km.	iP	12:30:49.2
eS	33,5	iP	12:09:17.0	iS	58.2
Dist.	160 Km.	iS	(25.8)	Dist.	70 Km.
Small		Dist.	about 70 Km.	iP	20:35:23.8
iP	04:47:33,0	e	19:44:13.4	iS	42,1
iS	41,3	eP	22:42:40.3	Dist.	150 Km.
Dist.	65 Km.	eS	43:18.5	06 iP	07:26:16,9
eP	22:21:48,0	Dist.	360 Km.	iS	26:31,0
eS	22:29,9	Sep.01 eP	16:31:07.6	Dist.	115 Km.
e	23(27,0)	iS	43.9	eP	14:15:17,9
Dist.	400 Km.	Dist.	345 Km.	eS	16:10,1
26 eP	22:54:31,5	Dist.	360 Km.	Dist.	480 Km.
eS	55:06,0	02 eP	12:44(55.0)	iP	23:46:19,3
Dist.	325 Km.	eS	45:35.8	eS	46:33,4
27 e(P)	19:03:32,0	Dist.	390 Km.	Dist.	115 Km.
iS	46,4	eP	21:52:50.7	07 iP	01:16:23,6
eP	20:38:15.9	Distant Shock		eS	16:38,0
eS	26,9	iP	22:04:40.6	Dist.	115 km.
Dist.	90 Km.	e	48.2	eP	05:23:18,4
Small		iS	51.8	e(S)	24:10,6
28 eP	00:47:30.5	Dist.	90 Km.	iP	06:54:41,6
Distant shock		03 iP	04:02:21.1	iS	51,3
e(P)	05:21(24.0)	eS	32.1	Dist.	80 Km.
e	40.0	Dist.	90 Km.		
e	52.9				

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PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" h 381 m.

Sep.07 eP 07:30:55,7
eS 31:15,3
Dist. 160 Km.

eP 13:48:19,1
eS 48:45,9
Dist. 225 Km.

eP 14:53:36,4
eS 54:23,9
Dist. 430 Km.

iP 16:47:16,1
iS 48:06,8
Dist. 465 Km.

Sep.07 iP 20:31:09,4
eS 25,6
Dist. 130 Km.

eP 20:35:08,9
eS 36:13,4
Dist. 605 Km.

08 eP 00:06:54,4
e(S) 07:35,5

Sep.08 eP 08:30:07,1
eS 31:04,3
Dist. 530 Km.

eP 13:25:32,0
eS 26:26,9
Dist. 515 Km.

iP 21:03:27,2
eS 40,9
Dist. 110 Km.

L. Cabello
Seismologist.

PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.06 eP 12:58:59,5
eS 59:39,0
Dist. 380 Km.

iP 14:15:01,3
iS 15:36,5
Dist. 310 Km.
Compression from ESE

eS 15:21:46,5

eP 15:36:51,4
eS 37:32,8
Dist. 370 Km.

eP 20:29:24,1
eS 29:30,7
Dist. 60 Km.
Compression from SE

eP 22:07:25,5
eS 07:31,4
Dist. 50 Km.

eP 23:20:35,1
eS 21:16,3
Dist. 370 Km.

eP 23:50:37,7
eS 51:16,9
Dist. 360 Km.

07 eP 07:16:01,7
eS 16:06,9
Dist. 40 Km.

e(P) 07:33:02
e(S) 33:52,5

eP 09:28:27,5
eS 29:06,4
Dist. 350 Km.

Sep.07 eP 11:06:37,0
eS 07:06,9
Dist. 270 Km.

iP 12:37:51,1
iS 38:03,7
Dist. 100 Km.

iP 16:47:01,1
iS 36,6
Compression From ESE
Dist. 320 Km.

eP 16:55:03,6
eS 39,5
Dist. 320 Km.

e(P) 17:44:11
eS 48,8

eP 20:31:52,3
iS 32:49,1
Distance 550 Km.

iP 20:34:46,3
iS 35:30,9
Dist. 420 Km.

08 iP 00:06:15,5
iS 41,0
Compression from NE
Dist. about 320 Km.

iP 00:46:36,8
iS 52,2
Dilatation from SSE
Dist. 120 Km.

eP 04:00:30,0
eS 01:16,9
Dist. 450 Km.

Sep.08 e(P) 05:23:53,6
e(S) 24:23,7

iP 05:55:05,9
eS 50,7
Compression
Dist. 420 Km.

iP 08:29:48,4
iS 30:29
Compression from SE
Dist. about 350 Km.

eP 10:16:36,9
e(S) 17:45,0

eP 15:02:25
e(S) 03:46

e(P) 16:45:39
eS 55

eP 21:04:20
eS 05:19,3
Dist. about 570 Km.

iPKP 21:35:34,6
epPKP 55
ePKS 39,0
eSKKS 46:24
ePPS 52:40
eSS 59:15
ePSS 22:00:18
eSSS 05:13
eG 19,0
eR 27,0
Doubtful Interpretation
Dist. about 155°

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.09 eS 00:40:38,2	Sep.10 iP 06:53:52,9	Sep.11 eP 00:50:48,1
e(P) 02:00:00	iS 54:34,0	eS 51:01,9
e(S) 28,1	Compression SE	Dist. 120 Km.
eP 02:00:05,8	iP 09:10:52,4	eP 02:09:34,0
eS 00:35,3	iS 11:06,9	eS 10:17,5
Dist. 250 Km.	Compression NE	Dist. 410 Km.
eP 04:07:39,1	Dist. 120 Km.	iP 09:13:16,1
Compression	eP 10:14:26,7	iS 20,0
eP 04:17:27	eS 15:03,5	Compression NW
i 29,4	Dist. 320 Km.	Dist. 40 Km.
iS 55,7	eP 10:56:11,5	eP 11:11:31,3
Dist. about 260 Km.	eS 31,7	eS 40,8
eP 04:18:06,1	Dist. 170 Km.	Dist. 80 Km.
eS 19:06,7	eP 13:20(00)	eP 14:01:19,8
Dist. 565 Km.	eS 21:06,4	i 20,3
eS 05:31:14,7	Dist. 616 Km.	iS 47,5
e(S) 10:50:54	iP 14:13:54,4	Dist. 240 km.
eP 13:51:42,7	eS 15:01,3	eP 14:02(00)
eS 52:00	Dist. 625 Km.	eS 03(00)
Dist. 140 Km.	eP 15:06:20,9	Dist. about 550 Km.
e(P) 14:02:31,6	eS 41,8	e(P) 17:44:00
e(S) 56,5	Dist. 180 Km.	e 36,8
eP 16:08:41,0	eP 15:17:00,1	eP 17:55:51,7
eS 09:03	eS 18:07,2	eS 56:32
Dist. about 190 Km.	Dist. 625 Km.	Dist. about 390 km.
eS 22:42:25,5	eS 15:19:53,1	eP 20:20:17,0
eP 23:13:56,4	iP 16:28:43,1	eS 44,5
eS 14:32,2	eS 29:34,5	Dist. 240 Km.
Dist. 320 Km.	Dist. 475 Km.	eS 20:45:51,5
eP 23:50:04,0	eP 16:29:31,2	12 eP 01:37:43,4
eS 43,5	iS 31:16	eS 38:19,4
Dist. 360 Km.	Dist. about 940 Km.	Dist. 320 Km.
iP 21:40:36,9	iP 21:41:17,6	eP 01:52:49
eS 40:48,3	iS 42:01,7	iS 53:52,4
Dist. 90 Km.	Compression SW	Dist. 610 Km.
iP 21:41:17,6	Dist. 420 Km.	e(P) 02:05:45,9
iS 42:01,7		eS 06:17
Compression SW		eP 08:10:39,4
Dist. 420 Km.		eS 11:18,9
		Dist. 360 Km.

Franulic
Sesimologist.

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.



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PROVISIONAL READINGS AT SANTIAGO,
33° 27' 11" S 70° 39' 42" W h 533 m.

Sep.14 eP 23:26:06,4 1966 Distant shock	Sep.15 eP 06:15:21,6 1966 Distant shock	Sep.20 eP 17:42:59,6 1966 e(S) 43:18
15 eP 01:53:54,7 Distant Shock	eP 06:29:32,3 Distant shock	
eP 02:32:17,5 Distant shock	eP 11:59:21,4 Distant shock	
eP 03:01:04,8 Distant shock	eP 12:07:23,8 Distant shock	
eP 03:02:34,7 Distant shock	17 eP 17:20:24,3 e(S) 21:55,8	
eP 03:49:15 Distant shock		
eP 04:38:41,7 e(S) 57		

E. Lorca
Seismologist.

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690m.

Sep.13 iP 06:02:39,3 i 02:43,6 e 03:10 e(S) 03:16	Sep.14 eP 23:26:07,6 ePP 27:34 eS 32:02 eG 35,0 eR 38,5 Dist. 38° T = 15 sec. A = 28,0 μ Magnitude 6,3	Sep.15 eP 03:01:06,7 eS 07(04) Dist. 40°
eP 18:39(33) eS 40:34 Small	15 eP 00:47:36,8 e 41,8 eS 53(31,5) Dist. about 39°	eP 03:02:36,7 e 02:45,8 eS 08:37 Dist. 40°
eP 18:58:27,8 iS 59:24,1 Dist. 540 Km.	eP 01:18:50,8	eP 03:49:16,2 e 22,2 e 27,2
iP 19:45:13,4 i 18,3 iS 30,9 Dist. 150 Km.	eP 01:53:56,6 e 02,0 (e) 56:38,5	iP 04:38:37,4 iS 53,0 Dist. 140 Km. Dilatation (from NNE)
e(P) 23:38:23 eS 39:24	eP 01:56:38,5	iP 06:07:54,0 eS 08:07,5 Small Dist. 105 km.
14 e(P) 03:13:28 eS 14:12,3	eP 02:03:50,5	eP 06:15:23,7 e 15:30,4
e(P) 05:28:55 e(S) 31:10	eP 02:10:50,8 e 10:59,5	eP 06:17:13,4 e 20,5 Distant shock
eP 16:16:49 eS 17:13,6 Dist. about 330 Km.	eP 02:15:46,2 Distant shock	eP 06:29:33,4 eS 35:32 Dist. 40°
eP 16:58:47,8 eS 59:12	eP 02:32:18,6 eS 38:18 Dist. 40°	

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.15 1966	iP 06:53:43,9 Dilatation	Sep.16 1966	eP 07:14:35,5 e 57,0 eS 15:28 Dist. about 500 Km.	Sep.17 1966	eP 21:20:24,5 iS 44,5 Dist. 180 km.
	iP 07:00:13,1 Dilatation		eP 20:27:50 iS 04,5 Dist. about 120 Km. Small		eP 01:03:36,5 eS 04:08 Dist. about 300 Km.
	eP 08:22:10,0 i 18,9		e(P) 22:57:03 e(S) 54		eP 02:04:12,6 eS 57,4 Dist. 430 Km.
	iP 10:47:41,4 Distant Shock Compression	17	eP 02:21:27,1 eS 40,7 Dist. 110 Km. Small		eP 04:07:46,7 eS 03,7 Dist. 150 Km.
	eP 11:59:23,8 ePP 12:00:58 e 0' 77 eS 05:22,7 eG 08,4 eR 11,0 Dist. 40° T = 1.3 sec. A = 0,6 μ		iP 05:22:27,1 eS 35,8 Dist. 70 Km. Small		iP 05:42:20,0 Dilatation.
	eP 12:07:26,4 eS 13:25 Dist. 40°		eP 05:29:34,2 e(S) 30:36		iP 08:40:10,3 Compression
	eP 13:01:43,3 Distant shock		eP 06:55:44 eS 15 Dist. about 290 Km.		iP 09:16:04,1 e(S) 34,6
	eP 17:31:45,7 Distant shock		eP 07:01:32,3 eS 48,3 Dist. 140 Km. Small.		iP 09:51,54,6 iS 52:16,4 Dist. 200 Km.
	iP 17:49:50,4 i 50:09 eS 51'04) Dilatation		iP 07:54:56,6 eS 55:08,8 Dist. 100 Km. Small		iP 12:40:18,9 iS 36,6 Dist. 160 Km.
	iP 19:00:57,4 eS 01:(09,1)		eP 11:43:41,5 eS 52,8 Dist. 90 Km. Small		eP 15:21:50,6 eS 27:50 Dist. 40°
	eP 23:56:18,8 e 24,5 e 35,2 eS 57(39)		e(P) 14:36:45 eS 37:40,6		eP 18:05:46,1 eS 11:43 Dist. 39°
			iP 17:08:52,3 eS 09:12 Dist. about 180 Km. Dilatation.		eP 20:56:14,8 Distant shock ?
			iP 17:20:20,1 e 27 Dilatation		eP 21:03:09,8 i 44,6 Distant shock
			eP 20:05:22,6 Distant shock		eP 21:06:36,1 Distant shock
					eP 21:40:41,7 eS 43:47 eG 44:20 eR 44:55 Dist. 17°
					eP 22:18:06,2 eS 25,2 Dist. 170 Km. Small.

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PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.19 eP 02:04:40,3 eS 56,0 Small Dist. 140 Km.	Sep.19 eP 12:42:36,6 eS 53,9 eP 12:58:30,0 eS 53,5 Dist. 215 Km. Small	Sep.20 eP 09:31:32,4 eS 37:32,5 Dist. 40°
eP 02:19:15,6 eS 20(44)	eP 15:13:36,5 eS 56,2 Dist. 180 Km. Small	eP 11:42:05 eS 37 Dist. 300 Km.
eP 03:31:36,5 eS 49,5 Dist. 110 Km.	eP 15:56:43,8 eS 57(25)	iP 13:05:01,7 iS 14,0 Dist. 100 Km.
eP 04:43:29,2 Distant shock?	eP 18:54:28 Distant shock?	eP 14:36:57,8 e 09 eS 42(40) Dist. about 38°
eP 06:42:19,9 eS 43:15	eP 19:16:26,2 eS 35,2 Dist. 70 Km Small	eP 15:18:39,4 eS 58,7 Dist. 170 Km. Small
eP 08:40:02,4 eS 14,0 Dist. 100 km. Small	20 eP 07:47:24,7 eS 48(22)	iP 15:29:38,4 iS 53,0 Dist. 120 Km.
eP 10:29:46,4 eS 56,0 Dist. 80 Km. Small	e(P) 08:03:05,3 e(S) 04:28	iP 16:01:42,3 eS 56,4 Dist. 120 Km.
eP 10:38(11) eS 39(27)		eP 17:43:02,6 eS 27,6 Dist. 230 Km.

E. Lorca
Seismologist.

PROVISIONAL READINGS AT CONCEPCION
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.14 eP 23:25:52 Distant shock P.C.	Sep.15 eP 17:49:00,0 eS 23,4 On minute mark Dist. 215 Km.	A. Sickinger Seismologist.
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PROVISIONAL READINGS AT COPIAPO
27° 21' 15" S 70° 21' 04" W h 381 m.

Sep.08 ePKP 21:35:31,2	Sep.09*eP 13:51:42,6 eS 52:00,6 Dist. 160 Km.	Sep.10 eP 06:59(43,5) e(S) (57,0)
09 eP 00:55:42,7	eP 21:34:12,0 i 15,1 Distant shock?	*eP 13:20(00,0) eS 21:06,4 Dist. about 645 Km.
* eP 02:00(05,7) e(S) 29,6	10 eP 06:54:08,7 eS 55(02,7) Dist. about 520 Km.	*eP 14:13:54,5 eS 15:01,9 Dist. 654 Km.
* eP 04:18:06,1 eS 19:06,3 eL 24,0 Dist. 580 Km.		

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 PROVISIONAL READINGS AT COPIAPO
 27° 21' 15" S 70° 21' 04" W h 381 m.

Sep.10*eP	15:17:00,2	Sep.11 *eP	14:01:59,8
eS	18:07,3	eS	03(00,7)
Dist.	650 Km.	Dist.	about 590 Km.
*iP	16:28:43,2	12 eP	01:54:59,8
eS	29:32,9	eS	55:31,8
Dist.	475 Km.	Dist.	300 Km.
*iP	21:40:37,0	L. Cabello	
eS	(48,0)	Seismologist.	
Dist.	about 90 Km.		

 THE SEISMS MARK WITH * WERE IN
 CLUDED BY MISTAKE IN THE LAST
 BULLETIN.

 PROVISIONAL READINGS AT ANTOFAGASTA.
 23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.12 eP	11:15:56,3	Sep.14 eP	23:27:12,0	Sep.15 eP	19:18:34,4
eS	16:11,6	eS	34:05,9	e(S)	19:14,8
Dist.	120 Km.	eG	37,5	i	34
e(P)	15:58:50,5	Dist.	about 50°	iP	20:12:30,4
eS	16:00:31	T = 0,9 sec. A = 0,20 u		iS	39,2
eP	18:16:01,5	Magnitude 6,1		Dist.	80 Km.
e(S)	17:39,4	Compression SSE		Compressor	fromNE
eP	18:19:57	15 eP	02:33:23,2	eP	20:48:24,5
eS	20:37,4	eP	03:36:11,3	e(S)	54,5
Dist.	about 360 Km.	eS	37,8	eP	22:16:11,6
13 eP	02:45:15,8	Dist.	230 km.	eS	34,2
eS	30,8	eP	06:26:27,6	Dist.	about 200 Km.
Dist.	120 Km.	e(S)	27:00	eP	23:45:27,4
eP	05:20:24,0	eP	12:00:26	iS	47,1
e	28,8	eS	07:20	Dist.	170 Km.
e(S)	33,2	eSS	10:38	16 eP	07:14:42
iP	05:46:33,9	e(G)	11:00	eS	15:33,9
iS	47:10,1	eR-	15,0	Dist.	about 490 Km.
Dist.	320 Km.	Dist.	about 48°	iP	07:46:00
Compression	from E	e(P)	11:59:24	iS	43,0
eP	06:03:15,7	eS	54	Dist.	about 400 Km.
e(S)	05:07	e(P)	12:17,3	eP	08:10:23,9
eP	07:07:16,2	eS	48,3	eP	10:49:48,5
eS	50	eP	16:39:30,3	eS	58,7
Dist.	about 300 km.	eS	55,8	Dist.	90 Km.
eP	09:23:37,0	Dist.	220 Km.	iP	11:57:42,0
e(S)	24:16	eP	17:47:37	iS	47,0
eP	10:13:41,1	eS	48,7	Dist.	40 Km.
eS	14:00,6	Dist.	about 100 Km.	Dilatation	
Dist.	170 Km.	eP	19:18:34,4	Franulic	
iP	10:23:42,5	e(S)	19:14,8	Seismologist.	
iS	24:20,3	i	34		
Compression	from E				
Dist.	340 Km.				

IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEM OBSERVATORY
RICHMOND, SURREY, ENGLAND.

Chile
Sept. '66

 PROVISIONAL READINGS AT SANTIAGO.
 33° 27' 11" S 70° 39' 42" W h 533 m.

Sep. 22	eP 00:14:13,8	Sep. 24	eP 00:23:39,5
	eS 44		e(S) 24:05
	Dist. 280 Km.		
	eP 01:17:28,5		eP 03:19:05
	e(S) 57		e(S) 51,5
	eP 18:33:18,8		eP 05:36:36,8
	Distant shock		e(S) 37:06
24	eP 00:15:44,3		eP 16:17:30,1
	e(S) 17:05		i 34,0
			e(S) 18:05
	eP 00:15:44,3		eP 21:42:47,9
	e(S) 17:05		e 43:05,3
	eP 00:22:55,5		
	eS 23:04,0		
	Dist. 95 Km.		

 E. Lorca
 Seismologist.

 PROVISIONAL READINGS AT PELDEHUE
 33° 08' 37" S 70° 41' 07" W h 690 m.

Sep. 20	eP 20:01(12,5)	Sep. 21	e(P) 19:19:19,3	Sep. 22	eP 09:24(22,6)
	eS 02:00,5		e(S) 20:53		eS 25(03,5)
	iP 21:39:56,5		eP 20:00:00,0		eP 10:58:19,3
	iS 59,2		eS 15,1		eS 51,5
	i 00,4		Dist. 130 Km.		Dist. 300 Km.
	Local shock				Small
21	eP 03:40:28,6		eP 20:43:22,2		eP 11:33:28,2
	eS 43,4		eS 35		eS 34:08
	Dist. 130 Km.		Dist. about 110 Km.		Dist. 380 Km.
			Small		
	eP 04:07:01,3		eP 21:53(57,2)		e(P) 12:29:46
	Distant shock		eS 54:33		eS 30:48
	e(P) 10:19:09		iP 21:58:36,9		eP 14:27:25,2
	eS 48,0		iS 55,3		eS 51,7
	e(P) 12:01:03		Dist. 160 Km.		Small
	e(S) 50		Small.		Dist. 245 Km.
	eP 14:09:12,4	22	eP 00:14:10,1		eP 19:34:25,6
	eS 32,0		eS 38,5		iS 36,5
	Dist. 180 Km.		Dist. 260 Km.		Small Dist. 90 Km.
	Small				
	e(P) 15:02:36,5		eP 00:21:30,7		iP 21:14:00,6
	e(S) 03:06,5		iS 42,5		iS 11,2
			Dist. 100 Km.		Dist. 80 Km.
			Small		
	eP 17:02:37,8		iP 01:17:24,4		eP 21:48:14
	eS 52,9		i(S) 35,7		Distant shock?
	Dist. 130 Km.		i(S) 45,5		
	Small		two shocks?		
	eP 17:53:42,1		eP 05:17:13,8	23	eP 00:39:36,8
	eS 51,8		Distant shock?		eS 54,4
	Dist. 80 Km.				Dist. 150 Km.
	Small				
					e(P) 00:43:04,2
					eS 44:35,5

PROVISIONAL READINGS AT PELDEHUE
33° 08' 37" S 70° 41' 07" W h 690 m.

Sep.23 eP 01:05:09,4	Sep.23 eP 20:38:37,7	Sep.24 e(P) 07:29:07,7
eS 24,0	iS 56,1	e(S) 30:37
Dist. 130 km.	Dist. 160 Km.	
Small	Small	
iP 01:15:38,9	24 eP 00:15:40,4	eP 07:33:45,0
iS 52,6	e 49	i 22,1
Dist. 120 Km.	eS 17:03	eS 34:30
	Dist. about 810 Km.	Dist. about 430 Km.
e(P) 01:49:27	iP 00:21:11,1	iP 09:01:48,2
Distant shock ?	i 18,6	eS 57,8
	eS 24,6	Dist. 80 km.
eP 04:06:30,1	Dist. 110 Km.	Small
eS 07:20	eP 00:22:56,8	iP 09:19:00,6
Dist. 480 Km.	e 23:04,2	iS 14,4
	iS 10,1	Small Dist. 120 Km.
iP 12:04:05,5	Dist. 110 Km.	eP 10:23:26,4
iS 18,5		Distant shock?
Dist. 110 km.	eP 03:19:03	eP 14:22:08,9
eP 18:33:20,4	eS 20(04)	Distant shock ?
e(PcP) 35:14,1	iP 05:36:34,2	eP 15:05:49,0
eS 39:16	eS 37:04,7	Distant shock
Dist. 40°	Dist. 270 Km.	
		iP 15:48:58,3
T. Atwater		iS 49:07,5
Seismologist.		Dist. 70 Km.
		Small

PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.16 e(P) 17:23:44	Sep.17 eP 04:15:41,3	Sep.17 eP 10:10:16,6
eS 24:23,5	eS 53,3	eS 36,0
i 25,9	Dist. 90 Km.	Dist. 160 Km.
eP 19:11:02,5	eP 05:36:25,2	eP 10:49:04,1
eS 08,8	eS 37:02,0	e(S) 16,0
Dist. 50 Km.	Dist. 330 Km.	
Compression	eP 06:20:05,3	eP 10:54:50,4
eP 19:29:44,6	e(S) 27,7	Local
e(S) 30:25	iP 06:22:43,0	eP 10:57:05,5
eP 22:39:02,7	iS 57,5	eS 44,5
eS 40	Dist. 120 Km.	Dist. 350 km.
Dist. about 330 Km.	Compression from E	Compression
eP 23:44:35,3	eP 07:32:54,6	eP 16:10:15,6
iS 45:10,9	e(S) 33:04,0	eS 27,0
Dist. 320 Km.	i 05,5	Dist. 90 Km.
17 eP 01:14:28,2	eP 07:51:16,7	e(P) 16:25:23
eS 45,8	i(S) 39	eS 51,8
Dist. 140 km.	eP 09:54:54	eP 17:20:22
	eS 55:18	e(S) 21:10,1
	Dist. about 200 Km.	i 28,1

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PROVISIONAL READINGS AT ANTOFAGASTA
23° 42' 18" S 70° 24' 55" W h 80 m.

Sep.17	e(P)	18:55:53	Sep.18	eS	15:29:52	Sep.20	eP	10:04:07,3
	eS	56:21,0		eSS	33:18		eS	20,8
	eP	23:23:38,6		eR	37,3		Dist.	110 Km.
	eS	24:01,9		Dist.	48°		eP	13:15:47,5
	i	09,4		from SSE			eS	16:19,7
	Dist.	200 Km.		eP	20:31:19		Dist.	280 Km.
18	eP	01:10:53,9		eS	36,2		eP	14:03:23,7
	eS	11:29,0		Dist.	about 140 Km.		eS	49,1
	Dist.	310 Km.		eP	22:00:47		Dist.	220 Km.
	eP	05:34:09,5		eS	01:20		eP	14:34:59,4
	eS	36,0		Dist.	290 km.		eS	36:30
	Dist.	230 Km.	19	eP	06:42:27		Dist.	about 980 km.
	iP	05:58:21,8		eS	43:30,4		Dilatation	
	iS	37,8		Dist.	about 610 km.		e(S)	14:44:32
	Dist.	140 Km.		e(P)	07:26:09,0		eP	15:04:37,8
	Compression NE			eS	48,8		eS	05:02,2
	eP	07:29:54,7		eP	18:13:03,1		Dist.	210 km.
	eS	30:34		eS	20,8		e(P)	19:54:34,4
	Dist.	about 360 Km.		Dist.	140 Km.		eS	55:07,5
	e(P)	11:39:43,1		e(P)	18:45:41		iP	21:00:25,4
	eS	51,8		eS	46:22,7		iS	31,6
	iP	13:26:44,9	20	eP	02:09:19		Dist.	50 Km.
	iS	27:04,3		eS	55,3		Compression from SE	
	Dist.	160 Km.		Dist.	about 320 Km.		eP	22:55:55
	Compression SE			e(P)	04:53:39,5		e(S)	56:22,4
				e(P)	07:47:31		eP	01:20:12,4
				e(S)	48:12		eS	32,6
				e(P)	09:28:08,5		Dist.	170 km.
				eS	49,0		e(P)	02:48:59
				eP	09:32:36		eS	49:22,1
				Distant shock			eP	05:54:17
							eS	41,8
							Dist.	about 220 Km.
							eP	08:00:36,9
							i	38,1
							eS	01:00,1
							i	04,9
							Dist.	200 Km.
							from NW	
							e(P)	09:33:23,5
							eS	43,3

Franz Lic
Seismologist.

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO



Chile
Sent. 1966

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Sep. 25 1966	eP eS Dist. 640 Km.	00:34:23.3 35:29.4	Sep. 25 1966	iP eS Dist. 300 Km	13:55:39.6 56:11.5	Sep. 27 1966	eP eS	03:01:(56.4) 02:(27)
				26	eP eS Dist. 180 Km Small	00:56:10.6 31.2		eP iS Dist. 135 Km From N
					iP iS Dist. 250 Km Small	01:45:31.8 58.6		eP i e(S) e Felt III at La Serena
					eP eS	04:12:17.3 13:(06)		eP Distant shock
					eP eS Dist. 290 Km Small	05:53:58.3 34:29.5		e(P) Distant shock?
					e(P) i eS	07:46:14.4 21.0 51.3		eP iS Dist. 115 Km Small
					eP eS Dist. 190 Km Small	10:21:46.7 08.0		e(P) eS Small
					iP iS Dist. 90 Km Compression	18:41:27.3 38.0	28	eP eS Dist. 580 Km Small
					e(P) eS	22:33:58.1 34:30.3		eP e(S) e(SS) eR Dist. about 14°
					eP eS Dist. 140 Km	23:23:51.8 24:07.9		eP iS Dist. 190 Km
				27	iP iS Dist. 155 Km Compression	00:54:47.6 55:05.3		eP eS i Dist. 95 Km
					iP iS Dist. 250 Km Small	08:20:49.8 21:16.9		eP eS Dist. 195 Km Small

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PROVISIONAL READINGS AT PELDEHUE

Sep. 28 1966	eP 14:20:26.5 Distant shock	Sep. 29 1966	eP 10:39:23.3 eS 53 Dist. about 280 Km	Sep. 30 1966	eP 02:38:39.9 eS 39:14.5 Dist. 320 Km
	eP 14:21:43.6 Distant shock		iP 10:57:28.6 iS 36.2 Dist. 50 Km Compression		eP 06:19:23.2 Distant shock?
	eP 14:25:41.2 Distant shock		eP 16:40:32.3 eS 41:07 Dist. 330 Km		eP 06:41:39.4 e 56.1 e(S) 43:07
	eP 15:07:58.8 eS 08:41.5 Dist. 410 Km Small		iP 16:43:21.8 eS 46 Dist. 220 Km Compression from E		iP 07:13:03.2 iS 13.2 Dist. 80 Km Compression Small
	eP 15:21:41 eS 22:14 Dist. about 300 Km		eP 18:41:07.3 e(S) 54		iP 08:19:25.6 iS 39.6 Dist. 120 Km Small
	eP 17:05:38.5 eS 55.0 Dist. 145 Km		e(P) 22:08:15 e 33.2 e(S) 09:42 e 53.8		iP 09:32:36.6 i 42 eS 35:22 e 35:36 eR 36:14 Dilatation Dist. about 15°
	eP 17:25:14.9 iS 31.9 Dist. 150 Km		e(P) 22:17:57.4 e 18:02.5 e 12 e(S) 40		eP 10:16:44.2 eS 17:20.4 Dist. 340 Km
	iP 20:03:30.5 eS 39.4 Dist. 70 Km Small		eP 22:55:48.7 eS 56:01.2 Dist. 105 Km Small		eP 11:34:(06) eS 35:(05)
	eP 23:34:54.2 e 35:10.3 e(S) 23		iP 23:04:23.6 Distant shock Dilatation		eP 12:02:48.5 eS 04:(00)
29	eP 00:59:56.0 ePg 01:00:11.6 eS 01:(10) eSg 29		eP 23:35:10 i 18.9 eS 36:39 Dist. about 870 Km	Oct. 01	iP 01:16:39.8 i 43.4 eS 17:37 Dist. about 550 Km Dilatation from S?
	iP 02:56:59.8 Dilatation Distant shock	30	eP 00:18:28.5 eR 31.3		iP 04:32:21.2 iS 48.0 Dist. 250 Km Compression
	eP 03:43:43.4 iS 44:01.7 Dist. 160 Km Small		eP 00:42:00.2 Distant shock?		eP 05:15:16.2 iS 31.8 Dist. 135 Km Small
	eP 04:26:14.3 iS 39.6 Dist. 230 Km		eP 01:25:28.4 iS 56.5 Dist. 260 Km Small		
	eP 10:01:37.7 eS 51.3 Dist. 115 Km		eP 02:02:(05) eS 35 Dist. 280 Km Small		

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PROVISIONAL READINGS AT PELDEHUE

Oct. 01 eP 06:43:16.5
1966 eS 29.0
Dist. 100 Km
Small

eP 07:58:16
Distant shock

eP 14:57:(07)
ePg 14.7
eS 48.6

eP 15:27:36.5
i 41.0
Distant shock?

iP 15:54:52.7
eS 55:10.2
Dist. 155 Km
Small

Oct. 01 iP 15:54:52.7
1966 eS 55:10.2
Dist. 155 Km
Small

iP 22:22:03.5
i 10.4
iS 15.5
Dist. 100 Km
Dilatation

eP 23:09:43
eS 11:(38)

eP 23:34:37.8
Distant shock

Oct. 02 e(P) 07:42:25
1966 e 54.1
eR 08:20.8

eP 07:50:38.1
iS 47.4
Dist. 70 Km

iP 08:57:17.4
iS 29.3
Dist. 100 Km
Dilatation

eP 12:28:03.2
i 04.1
eS (27)

eP 12:38:(18.6)
eS 44

iP 15:02:09.9
i 15.2
eS (40)
Compression
T. Atwater
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Sep. 25 iP 04:28:42.7
1966 eS 52
Compression
Dist. 75 Km

eP 06:00:37.5
eS 03:50
Dist. 17.5°

eP 06:08:25.5
eS 51.8
Dist. 245 Km

27 eP 14:11:51
e(S) 12:06.5
e 38

28 iP 06:00:24.2
iS 38.9
Dist. 125 Km
Compression

eP 23:34:58
e(S) 35:21.7

29 e 10:01:33.5
eS 44
Dist. 80 Km

eP 10:39:26.1
eS 57.5
Dist. about 295 Km

iP 16:43:21.2

Sep. 29 e(P) 22:18:02.5
1966 e(S) 47

30 eP 09:32:40.8
i 46.5
eS 35:(41)

eP 12:02:44
e(S) 56

Oct. 01 eP 01:16:36.4
eS 17:(29)

eP 04:32:24.5
eS 54.5
Dist. 280 Km

iP 06:43:12.4
iS 21.8
Dist. 75 Km

02 iP 07:50:41.1
iS 51.7
Dist. 85 Km

Oct. 02 iP 08:57:19.4
1966 iS 32.9
Dist. 115 Km

eP 12:28:08
eS (34)

e(P) 15:02:11
i 16.6
eS (49)

E. Lorca
Seismologist

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PROVISIONAL READINGS AT CONCEPCION

23° 42' 18" S 70° 24' 55" W h 80 m

Sep.18 e	21:42:(20)	Sep.24 eP	03:18:18.9
1966		1966 eS	23.6
24 eP	00:15:(00)	Dist. 25 Km	
eS	09.4	Small	
Dist. about 75 Km			
Small		25 eP	00:34:19

A. Sickinger
Seismologist

PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 381 m

Sep.12 eP	15:52:50.2	Sep.14 eP	23:26:47.6	Sep.19 eP	06:41:51.2
1966 e	53:30.7	1966 Distant shock		1966 eS	42:23.5
eS	50.5			Dist. 305 Km	
Dist. 583 Km		15 eP	12:00:03.0	20 eP	07:46:38.2
eP	18:14:55.1	Distant shock		eS	55.3
eS	16:01.0	e(P)	17:47:37.4	Dist. 150 Km	
Dist. 640 Km		e	48:13.8		
13 eP	04:46:47.6	eS	29.2		
eS	47:36.0	eP	19:19:19.1		
Dist. 465 Km		e(S)	20:59.0		
eP	05:02:43.0	e(L)	21:14.9		
e	03:00.5	iP	23:45:02.7		
eS	30.8	iS	(15.2)		
Dist. 460 Km		Dist. about 105 Km			
eP	18:39:(00)	16 iP	07:13:48.7		
eS	25.3	iS	14:03.6		
Dist. about 235 Km		Dist. 130 Km			
eP	19:45:35.5	eP	12:13:28.2		
eS	46:18.4	eS	14:07.9		
Dist. 410 Km		eL	20.1		
e(P)	18:57:(44.7)	eP	22:56:(28.5)		
e	58:28.8	eS	55.7		
eS	59:09.1	Dist. about 250 Km			
iP	23:37:13.4	17 eP	17:19:45.2		
eS	24.8	i	50.2		
Dist. 95 Km		eS	20:25.5		
14 eP	05:27:24.2	Dist. 385 Km			
eS	28:33.9	eP	21:25:53.3		
e	42.1	Distant shock			
Dist. 675 Km					
eP	15:58:12.2				
eS	25.3				
Dist. 110 Km					

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Sep. 22 1966	e(P) eS	16:51:55.9 52:12.6	Sep. 24 1966	eP e(S) e i	21:43:08 51 44:13.5 28.3	Sep. 27 1966	eP e(S) i	14:12:42 13:37.3 14:04.6
	eP eS	18:47:29.0 35.6	25	eP i eS i	01:47:01.4 02.1 20.4 23.7		e(P) eS	15:05:35.3 51.8
	Dist. 60 Km Dilatation			Dist. 160 Km From SW			eP eS i	15:25:21.9 26:13.0 21.6
	eP eS	21:38:41.1 58.9					Dist. 490 Km	
	Dist. 150 Km			eP i i(S)	05:58:26.4 32.1 59:07.4		eP eS	17:46:03.5 26.6
	eP eS	23:11:57.1 12:08.1		ePKP	06:11:25.9		e(P) eS	21:46:13 44
23	eP i(S)	00:41:55.6 42:31.7	26	e(P) eS	04:15:33.2 50.1		iP iS	22:32:46.2 33:06.0
	e(P) e(S)	01:15:37 16:06		e(P) eS	06:33:06.3 19.4		Dist. 360 Km Compression from SW	
	e(P) eS	04:07.3 08:24.5		eS	07:49:00	28	eP	02:36:12.4
	e(P) eS	04:13:19.0 40.9		e(P) eS	08:28:13.1 38.6		e(P) eS	06:06:01.4 36.0
	e(P) eS	06:23:05.2 33.7		eP eS	10:32:45.8 33:25.0		ePKP ePP eSS	14:20:30.7 25:36 46:22
	eP eS	23:25:24.0 26:06.3		Dist. 350 Km			Dist. about 166° From NW	
	Dist. 380 Km			e(P) eS	19:34:36.6 35:01.0		eP i i i(S)	18:57:21.8 22.9 30.7 53.4
24	eP i i(S)	01:18:29.8 19:00.8 06.3		eP eS	22:00:14.3 33.3			
	e(S)	05:39:23		Dist. 160 Km			eP eS	19:49:48.0 50:35.8
	eS	07:35:33.3	27	eP	03:39:26.7		Dist. 450 Km Dilatation from NE	
	eP eS	08:51:06.1 10.8		eP eS	09:00:03.2 42.5		e(P) e(S)	22:35:09.8 56
	Dist. 40 Km			Dist. 350 Km				
	eP e(S)	15:42:46 43:09.5		eP eS	10:44:09 57.4		e(P) e(S)	23:36:03.2 37:32
	eP e(S) i	16:18:39 19:42.6 20:07.3		Dist. 350 Km				
	e eS	18:32:16.6 47.6		e(P) eS	11:08:43 09:09.3	29	eS	00:33:30.9
	Dist. 270 Km			eP eS	14:09:59.4 10:44.6		eP eS	01:18:05.5 51
				Dist. 430 Km			Dist. about 430 Km	
							eS	03:00:48.1

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.29 eS	03:30:16.4	Sep.30 e(P)	06:57:31.6	Oct.02 e(P)	15:03:36.4
1966		1966 eS	58:06.4	1966 e(S)	04:20.9
eS	06:21:17.5	iP	09:30:31.0	e(P)	15:39:57
e(P)	14:12.4	iS	31:24.7	eS	40:32.2
e	35	Dist. 510 Km		eP	17:08:10.5
e	49	Dilatation from NNE		e	10.8
eS	16:47:15.3	No records from 30-IX-66		eS	50
eP	17:11:39	at 13:11 to 1-X-66 at		Dist. about 360 Km	
eS	12:20.2	14:00.		03 eS	02:55:25.0
Dist. about 370 Km		Oct.01 eP	19:03:53.0	e(P)	06:44:41.5
eP	17:14:39.4	eS	04:20.2	e(S)	45:45.5
eS	15:27.6	Dist. 240 KM		eS	08:44:09.1
i	49.1	eS	19:48:51.2	eP	08:54:51.0
eS	18:42:42.1	iP	23:08:12.9	i	51.3
eP	19:01:23.9	iS	52.4	eS	55:13.2
eS	02:02.4	Dist. 360 Km		i	19.0
Dist. 340 Km		Compression from SE		Dist. 190 Km	
eP	19:51:25.6	02 e(P)	00:57:22.9	From SW	
eS	32.2	eS	50.1	e(P)	17:18:48
Dist. 50 Km		eP	02:06:16	eS	19:17.9
Compression from SE		iS	21.0	i	24.3
e(P)	22:08:51	Dist. about 40 Km		eP	18:11:04.5
e(S)	09:23	eP	02:25:47	eS	45,3
e(P)	22:18:56.7	eS	26:05.9	Dist. 360 Km	
eS	19:06.6	Dist. 150 Km		eS	19:57:36.6
30 eP	02:15:33.9	eP	10:05:42.8	eP	23:03:51.0
eS	56.1	e(S)	06:26.8	eS	04:03.5
Dist. 190 Km		e(P)	12:31:13	Dist. 120 Km	
eP	04:18:24.2	eS	12:56:04.6		
S	28.4	eP	15:48:40.6		
Dist. 40 Km		eS	49:25.7		
		Dist. 430 Km			

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INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND

19 OCT 8 20 19

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IMPRESO AEREO

Chile
Oct. 1966

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PROVISIONAL READINGS AT PELDENHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.03 1966	eP 01:05:19 iS 41.5 Dist. about 200 Km Small	Oct.05 1966	eP 02:53:54.3 eS 54:24.5 Dist. 280 Km	Oct.06 1966	eP 14:30:06.8 Distant shock
	eP 02:52:37.5 iS 49.9 Dist. 100 Km Felt III at Ovalle		eP 02:56:30.6 iS 46.2 Dist. 145 Km		iP 14:37:42.2 iS 38:03.5 Dist. 190 Km
	iP 02:52:55.4 e(S) 53:04		eP 04:51:01.8 eS 33.5 Dist. 300 Km		iP 20:56:31.1 iS 42.0 Dist. 90 Km Dilatation Small
	eP 04:34:52.7 eS 35:18 Dist. about 230 Km		eP 07:15:08.8 eS 41.8 Dist. 310 Km		eP 23:34:46 iS 35:10.5 Dist. about 220 Km Small
	iP 05:31:42.3 e 45 i 55.9 Distant shock		eP 09:18:10.9 eS 26.4 Dist. 135 Km	07	iP 00:09:54.0 eS 10:21 Dist. about 250 Km Compression
	iP 05:38:59.0 eS 39:13.6 Dist. 125 Km		iP 11:45:22.7 eS 36.8 Dist. 120 Km Small		eP 00:12:56 e(S) 13:57
	eP 06:44:03.6 i 05.7 eS 46 Dist. about 400 Km		eP 22:15:01.7 eS 35.3 Dist. 315 Km		iP 01:51:07.5 Distant shock
	eP 07:56:11.8 eS 42.1 Dist. 280 Km Small		eP 23:40:42 i 58.4 e(S) 42.4		eP 03:39:10.2 eS (44)
	iP 09:27:22.1 eS 37.2 Dist. 130 Km Small	06	iP 00:21:28.2 iS 42.4 Dist. 120 Km		iP 04:38:06.5 Distant shock?
	eP 15:10:49.3 Distant shock		iP 00:40:16.8 eS 43.9 Dist. 250 Km Small		eP 05:24:25.7 eS (53)
	eP 15:14:32 eS 15:04 Dist. 300 Km Small		iP 01:51:47.3 e(S) 52:04 Small		eP 07:30:25 i 25.8 eS 31:32 eR 32:04 Dist. about 650 Km Dilatation (from SSW)
04	iP 16:03:06.7 local Compression Explosion?		iP 02:42:42.9 iS 51.7 Dist. 70 Km Compression Small		iP 10:42:32.1 iS 51.4 Dist. 170 Km
	eP 21:33:02.9 eS 23.5 Dist. 190 Km Small		eP 04:29:39.6 eS 30:06.9 Dist. 250 Km Small		eP 16:08:40.6 e 09:16 e(P) 13.2 e 15.7 e(S) 18.9 e(SS) 19.9 e 21.2 e(R) 21.8 Two shocks?
	iP 22:17:37.9 iS 40.5 Local Compression		iP 11:27:02.8 eS 18 Dist. about 130 Km Small		iP 16:24:57.3 Distant shock

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.03	eP	02:52:42.3	Oct.03	eP	05:38:59.1
1966	Felt III at Ovalle		1966		
	eP	02:53:00.4		eP	06:44:(07)
				eS	(49)
	eP	05:31:39.9		eP	19:53:49.5
	Distant shock				

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.01	eP	01:15:48.3
1966	eS	16:01.6
	Dist.	115 Km

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.04	eP	01:22:19.9	Oct.05	eP	08:03:30.4	Oct.07	e(P)	22:33:25	
1966	eS	54.9	1966	eS	55.2	1966	eS	34:02.4	
	eP	04:05:33.7		e	04:03.2		08	ePS	00:37:30
	eS	06:30.3		Dist.	220 Km			eSS	43:20
	Dist.	540 Km		eP	08:10:56.9			eG	51:40
	eP	06:36:40.4		i	57.1			eR	57:57
	eS	49.4		eS	11:45.9			Dist.	105°
	Dist.	80 Km		i	48.9			From SW	
	eP	11:46:16.9		From NE				ePS	02:59:37
	eS	27.3		Dist.	470 Km			ePPS	03:00:52
	Dist.	90 Km		07	e(P)	03:39:17.3		eSS	05:20
	iP	14:10:28.7		eS	40:01.3			eG	15:10
	iS	11:01.9		eP	08:51:16.2			eR	19:48
	Compression from SE			i	16.5			Dist.	about 105°
	Dist.	300 Km		iS	52:00.7			From SW	
	eP	14:19:46.8		From NE				iP	01:01:18.4
	eS	20:04.8		Dist.	430 Km			eS	55.2
	Dist.	150 Km		e(P)	16:09.0			i	56.7
	eP	17:50:41.3		ePP	13:08			Dist.	320 Km
	eS	51:01.6		e	14:14			From E	
	Dist.	170 Km		eSP	22:04			eP	02:45:42.3
	iP	22:04:41.4		eSPP	23:34			eS	46:05.2
	iS	46.6		e	25:30			i	07.5
	Dist.	40 Km		eSS	28:16			Compression from NE	
	iP	23:14:53.0		e	56			Dist.	200 Km
	iS	15:14.5		e	29:28			eP	04:25:09.2
	Dilatation			eG	38:30			e	13.5
	Dist.	180 Km		eR	43:10			e(S)	26:38
	05	eP	00:45:38.2	Dist.	112 °			i	47.7
	eS	46:40.8		eP	16:44:35			eP	06:49:46.9
	e	47:06.2		e(S)	45:00.6			eS	50:12.5
	Two shocks?			eP	21:11:16.4			Dist.	230 Km
				eS	12:00.1				
				Dist.	410 Km				

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PROVISIONAL READINGS AT ANTOFAGASTA

Oct.08 e(P) 06:51:42
 1966 eS 52:08.2

e(P) 06:57:10.0
 e 16.9
 eS 58:01.2
 i 15.0

eP 09:56:19.6
 i 20.1
 iS 35.7
 From SE
 Dist. 130 Km

eP 10:33:31.4
 i 36.3
 i 49.8
 i(S) 34:28.3
 Two shocks?

Oct.08 iP 15:30:51.3
 1966 iS 31:11.8
 Dist. 170 Km
 Compression from S

eP 19:26:45.4
 i 45.6
 eS 27:32.9
 i 33.6
 Dist. 450 Km
 From NE

e(P) 20:52:02
 e 11.7
 e(S) 49.9
 e 53:05.9
 i 14.9

Oct.08 e(P) 20:58:48.8
 1966 eS 59:13.1

eP 21:56:17.7
 i 24.1
 i(S) 28.2

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 Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

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Chile
Oct. '66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.08 1966	iP 00:16:12.5 iS 26.5 Dist. 120 Km Dilatation	Oct.08 1966	iP 15:08:00.0 iS 21.0 Dist. 190 Km Small	Oct.10 1966	iP 20:26:42.9 i 52.5 e(S) 27:42 Dilatation from NE
	ePS 00:37.0 eSS 43.0 eG 50.3 eR 55.2 Dist. about 97°		eP 18:36:39.2 iS 37:04.3 Dist. 230 Km		eG 20:34.6 eR 36.5 Distant shock Deep focus
	eSP 02:59.8 eSS 03:05.2 eG 13.9 eR 17.4 Dist. about 93°		iP 22:46:24.5 eS 45 Dist. about 190 Km Compression		e(P) 20:34:45 e 55.3 e 41.3 Distant shock
	iP 03:14:59.9 iS 15:10.0 Dist. 80 Km		eP 23:40:36.6 eS 50.5 Dist. 120 Km Small		e(P) 21:10.3 eS 13.3
	eP 03:30:00.3 iS 21.5 Dist. 190 Km	09	eP 02:46:07.6 eS 47:(32)		eP 23:29:35.4 iS 48.9 Dist. 115 Km Small
	iP 04:23:54.6 eS 24:(25) eR 29 Compression from ENE		iP 03:36:31.3 iS 44 eR (56) Dist. about 110 Km Dilatation from E?	11	iP 01:33:50.2 eS 34:02 Dist. about 100 Km Compression from ENE
	eP 05:59:43.3 e 52.1 eS 59.4 Dist. 140 Km		eP 04:45:35.6 e(S) 46.3		iP 01:39:06.1 Compression Distant shock
	eP 06:54:18.5 iS 36.6 Dist. 160 Km		eSS 07:26.3 eG 34.3 eR 39 Dist. 97°?		eP 02:53:06.3 iS 24.8 Dist. 165 Km
	iP 10:08:32.4 eS 50.2 Dist. 160 Km Small		iP 11:40:36.1 eS 41:24 Dist. 460 Km Compression		e(P) 03:34.2 eS 37.0
	eP 10:35:(39) eS 38:(38) e 39:02		eP 12:14:39 e 47 Distant shock		iP 03:56:50.2 iS 00.9 Dist. 90 Km Small
	eP 13:59:(16.4) eS 53		iP 13:30:20.8 eS 42.2 Dist. 190 Km Compression		eP 05:39:58.0 eS 40:(47) eR 41:(06) Compression from NE?
	iP 14:27:11.2 eS 14 Compression Local		eP 14:40:41 eS 56.5 Dist. about 130 Km Small		iP 06:16:58.9 iS 19.5 Dist. 185 Km Small
			eP 21:36:33.7 Distant shock		iP 06:33:25.3 i(ScP) 38:28.0 iS 39:25.0 eSS 42.0 eG 43.7 eR 45.0 Dist. 41° Compression from SE? Two shocks?

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PROVISIONAL READINGS AT PELDEHUE

Oct.11 eP 06:54:46	Oct.12 eP 00:43:39.4	Oct.13 iP 00:30:34.8
1966 Distant shock	1966 iS 55.5	1966 iS 50.4
iP 07:04:56.3	Dist. 140 Km	Dist. 130 Km
Distant shock	e(P) 03:46:56.3	Compression
iP 08:07:12.0	eS 47:13.5	iP 02:43:42.7
eS 13:12	eP 04:34:55.3	eS 44:19
Dist. 41°	eS 45:20	Dist. 340 Km
Compression	eR 05:01.7	iP 03:46:58.4
iP 09:40:50.5	Dist. 87°	eS 47:30
Distant shock	iP 06:59:55.9	Dist. about 300 Km
Dilatation	Dilatation from SW	eP 03:53:34.6
e(P) 10:36:47	Distant shock	eS 54:05.5
e(S) 38:14	eP 09:05:18.2	Dist. 290 Km
iP 13:16:26.7	eS 42	e(P) 04:21:(45)
iS 32.4	Dist. 220 Km	eS 23:(13)
Local	iP 12:33:27.3	eP 07:43:35.4
Compression	eS 48.2	eS 44:00.5
iP 14:22:29.5	Dist. 190 Km	Dist. 230 Km
iS 40.2	Small	Small
Dist. 90 Km	e(P) 13:17:48	eP 10:54:06.9
Dilatation	e 52.6	iS 25.0
eP 14:58:02.0	e(S) 18:25	Dist. 160 Km
eS 35	iP 15:56:37.5	eP 15:50:23.7
Dist. about 300 Km	e 45	e 55
eP 18:46:29.2	Compression	Distant shock
eS (47)	Distant shock	eP 17:32:24
iP 19:38:37.3	eP 16:05:02.2	Distant shock
i 41.0	e 07	iP 21:56:34.6
e(S) 39:14	Compression	iS 38
Dilatation	Distant shock	Local
eP 20:31:52.1	e(P) 20:28:31	Compression from W
e(S) 33:14	Distant shock	14 eP 01:46:32
eP 20:53:15	iP 20:59:13.7	eS 47:10
eS 21:03.7	e 20	Dist. about 360 Km
eSS 09.4	eS 21:00:04	eP 02:54:30.5
eR 19.7	Compression	eS 47.5
Dist. about 85°	Dist. about 480 Km	Dist. 150 Km
12 e(P) 00:14:54	iP 21:28:34.2	iP 03:12:43.2
e(S) 15:40	Dilatation	Distant shock
ePKP 00:25:55	Distant shock?	Dilatation from W
eSKP 29.5	e(P) 23:46:18	eP 03:20:23.0
e(S) 40.0	e(S) 47:15	eS 47
e() 01:04	eP 23:57:25.9	Dist. about 220 Km
e(R) 09.8	eS 44	iP 04:13:07.6
Dist. about 140°	Dist. about 160 Km	iS 21.2
Doubtful interpretation	Small	Dist. 115 Km

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PROVISIONAL READINGS AT PELDEHUE

Oct.14 1966	eP 07:35:14 eS 45 Dist. about 290 Km	Oct.14 1966	eP 23:32:39.7 eS 53.8 Dist. 120 Km	Oct.15 1966	iP 05:00:06.8 eS 17 Dist. about 80 Km Small
	iP 18:15:46.8 Dilatation from W Distant shock	15	eP 00:18:08.9 eS 19:(00)		iP 05:11:06.6 Distant shock Dilatation
	eP 18:51:18 eS 52:09 Dist. about 500 Km		iP 01:50:04.2 iS 23.7 Dist. 175 Km		e(P) 06:32:06 Distant shock
	eP 22:12:13.6 eS 22.7 Dist. 70 Km		iP 02:24:07.3 Distant shock Compression		eP 11:53:21.7 eS 35 Dist. about 110 Small
	iP 22:21:08.0 eS 30 Dist. about 200 Km Small				eP 18:19:57.6 Distant shock

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.08 1966	eP 03:14:57.9 eS 15:06.8 Dist. 70 Km	Oct.10 1966	iP 07:51:36.8 iS 50.5 Dist. 120 Km	Oct.12 1966	iP 15:56:35.6 i 45.8 Compression Distant shock
	eP 04:23:56.0 eS 24:(23)		eP 20:26:46.4 eS 27:(52)		iP 16:05:00.4 Distant shock Compression
	iP 05:59:47.5 eS 06:00:08 Dist. about 180 Km	11	eP 20:34:(58)		eP 20:59:18.3 i 24.8 e(S) 21:00:12
	eP 06:54:23.0 iS 44.3 Dist. 190 Km		iP 01:33:50.3 eS 03 Dist. about 100 Km	16	eP 02:43:59.4 eS 44:07.0 Local shock
	iP 22:46:28.3 eS 50 Dist. about 200 Km Compression		e(P) 02:53:07 e(S) 29		eP 04:20:44.0 eS 21:18
09	iP 03:36:31.2 Compression		eP 05:40:02.2		eP 06:51:(53) eS 55.0
	eP 04:45:40.6 e(S) 46:26 iSg 43		eP 06:33:22.7 e 33.7 e(ScP) 38:(20) eS 39:22 Dist. 40° Dilatation		iP 08:05:40.1 iS 06:00.4 Dist. 180 Km
	iP 11:40:35.0 e(S) 41.6 Dilatation		eP 07:04:58.9 Distant shock		iP 13:12:33.2 eS 13:(15)
	iP 00:33:17.4 eS (34)		eP 08:07:09.5 eS 13:(08) Dist. about 40°		eP 22:42:36.5 eS 43:(35)
			eP 09:40:49 Distant shock	17	iP 01:51:39.2 iS 52:01.4 Dist. 200 Km Compression

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PROVISIONAL READINGS AT SANTIAGO

Oct.17 e(P)	03:18:(35)	Oct.17 eP	21:47:06.0
1966 i	40.2	1966 i	07.8
eS	19:(30)	i	14.9
		eS	51:23.9
		Dist. 245°	
		Dilatation	

T. Atwater
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.07 iP	07:29:27.9	Oct.09 eP	12:57:(14.0)
1966 iS	40.9	1966 eS	25.2
Dist. 110 Km		Dist. about 90 Km	
		Small	

09 eP 02:45:12.6
eS 29.1
Dist. 145 Km
Small

iP 11:39:40.0
eS (50.5)
Dist. about 20 Km

J. Alé
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.10 eP	20:27:15.4	Oct.11 eP	04:57:47.9	Oct.11 e(PKP ₁)	08:08:15.8
1966 i	27.4	1966 eS	58:23.9	1966 e(PKP ₂)	28.4
i	45.7	Dist. 320 Km			
eP	21:07:48	eP	05:40:35.9	eP	10:36:08.7
e	08:04.7	e	43.7	e(S)	37:01.3
i	24.3	i	50.4	i	06.8
e(S)	30.4	iP	06:34:28.6	eP	14:22:46
Two shocks?		eS	41:38	e(S)	23:23.0
e(P)	22:26:22	eSS	44:55	e	43.2
eS	27:05.7	eG	45:56	eP	19:38:52.7
e	33	e(R)	50:00	eS	39:54.5
11 e(P)	03:08:40.4	Dilatation from SSW		eP	23:33:26.0
eS	09:36.4	Dist. about 50°		eS	48.4
eP	03:31:32.9	iP	07:48:02.0	Dist. 190 Km	
e(S)	32:07.4	iS	06.0	12 e(P)	00:26:06.6
i	45	Dilatation from NW		Dist. Distant shock	
		Dist. 40 Km		eP	06:01:31.5
				eS	02:24.5
				Dist. 500 Km	
				eP	06:18:43
				eS	19:03.3
				Dist. about 170 Km	
				eP	13:03:44.1
				eS	04:00.3
				Dist. 130 Km	

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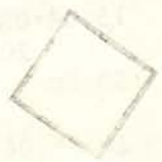
PROVISIONAL READINGS AT ANTOFAGASTA

Oct.12 eP 15:57:41.5	Oct.13 eP 21:00:04.6	Oct.15 eP 00:18:04.6
1966	1966 eS 10.7	1966 eS 56.4
e(P) 17:38:20.4	Dist. 50 Km	Dist. 490 Km
eS 41.1	Compression from NE	
i 48.0		
e(P) 17:45:02.3	eP 21:32:04.8	e(P) 05:34:38.7
eS 46.0	eS 43.4	eS 35:16.8
	Dist. 350 Km	
eP 20:59:50.6	14 eP 02:12:44.2	e(P) 05:55:15.7
e 21:00:42.0	eS 13:10.3	e(S) 54.3
i(S) 01:41.5	Dist. 220 Km	
		eP 06:26:34.0
13 iP 04:20:04.0	e(S) 02:28:24.6	Local
iS 19.8		eS 08:48:08.5
Dist. 120 Km	e(P) 05:39:(31.4)	
Dilatation from SE	eS 40:00.5	16 eP 00:40:02
		eS 26.0
iP 05:30:06.2	e(P) 06:38:(36)	Dist. about 210 Km
iS 13	eS 39:08.0	
Dist. 60 Km		iP 01:20:50.9
eP 07:18:40.0	e(P) 07:29:52	eS 21:35.5
eS 19:28.6	e(S) 30:35.5	Dist. 420 Km
Dist. 450 Km	e 31:02.8	Dilatation from ENE
		eP 06:49:34.9
e(P) 09:21:(17)	eP 08:38:57	e 47
eS 42	eS 39:33.3	e(S) 50:19
	Dist. about 320 Km	i 42
eP 11:33:23.2	eP 11:26:12	eP 08:58:12.2
eS 28,5	Local	eS 49.4
Dist. 40 Km		Dist. 330 Km
eP 12:21:54.2	eP 12:14:(13.6)	
eS 22:34.7	eS 32.2	iP 13:03:37.4
Dist. 360 Km		Compression from S
eP 15:04:02.0	eP 15:17:24	PZ 0.22 u; 0.7 sec.
eS 20.0	eS 50.7	
Dist. 150 Km	Dist. about 240 Km	eP 13:19:53
eP 17:18:04.3	eP 18:42:07.0	Local
e(S) 22	eS 22.7	
	Dist. 120 Km	
eS 17:44:26.8	eP 20:03:11.6	
	eS 47.9	
eP 18:58:23.0	Dist. 320 Km	
eS 59:03.2		
Dist. 360 Km	e(P) 20:09:52.4	
Compression	e(S) 10:11.6	
eP 19:48:25.8	e(P) 20:18:59.9	
eS 49:06.0	eS 19:31.4	
Dist. 360 Km		
Compression from NE	e(P) 21:28:43	
	e(S) 29:32.6	

J. Frez
Seismologist

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

IMPRESO AEREO



Chile
OCT. '66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.16 eP 20:34:50.3 1966 iS 15.3 Dist. 230 Km	Oct.18 eP 07:42:(19) 1966 e 27 e(S) 43:28	Oct.19 eP 14:35:33 1966 Distant shock?
e(P) 22:25:37 Distant shock	eP 16:04:(54.5) eS 11.8	iP 14:42:34.4 iS 55.1 Dist. 190 Km
eP 22:42:40.0 eS 43:(42)	19 eP 00:56:14 Distant shock	eP 16:32:16.3 eS 27.8 Dist. 95 Km Small
17 iP 01:51:42.9 iS 52:11.5 Dist. 265 Km Dilatation from S	eP 01:25:56 e(R) 38.7	iP 16:54:05.8 Distant shock
eP 03:18:25.4 i 34.9 eS 19:(18)	eP 02:23:(12) eS 27:(26) eG 28.2 eR 28.9 (Dist. about 24°)	eP 17:43:04 eS 47:(22) eG 47.9 eR 48.7 Dist. about 24°
eP 04:41:13.3 i 25.5 e(S) 41	iP 04:17:55.3 i 18:00.7 Distant shock Dilatation	e(P) 22:42:10.2 eS 48
e(P) 11:16:20.8 Distant shock	eP 04:41:21.4 eS 44 Dist. about 200 Km Small	20 eP 01:08:(54) eS 09:(36)
iP 12:26:47.4 eS 04 Dist. about 150 Km	eP 05:58:22.6 iS 35.7 Dist. 110 Km Small	eP 01:13:(37) Distant shock
iP 17:41:06.1 eS (31) Dilatation	eP 06:40:06.4 iS 33.6 Dist. 250 Km	eP 02:50:05.5 eS 51:01 Dist. about 530 Km
eP 18:17:19.9 Distant shock	eP 06:49:55.1 i 50:01.4 Distant shock	e(P) 03:33:50 eS 28
e(P) 23:09:36 Distant shock	eP 08:11:41.4 i 51.9 i 12:01.1 i 06 iPP 14:14 ePPP 15:28 eS 19:(50) e(PS) 20:(30) eSS 23:54 eG 26.7 eR 30.4 Dist. 62° Compression from NE	e(P) 04:32:00 eS 29 Small
i(P) 23:37:47.8 Distant shock		eP 04:38:(32) eS 39:52
e(P) 23:52:17 e(R) 58:45 Distant shock Aftershock of 21:47?		iP 06:43:57.9 eS 44:12 Dist. about 120 Km Compression from ESE
i(P) 02:52:58.5 Distant shock		iP 07:14:40.0 iS 53.0 Dist. 110 Km Compression from NE?
e(P) 03:08:07 iS 23.6		
e(P) 03:42:07.2 Distant shock		

INTERNATIONAL SEISMOLOGICAL SUMMARY
Kew Observatory Richmond Surrey England

1965

INTERNATIONAL SEISMOLOGICAL SUMMARY

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, INGLATERRA.

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Chile
OCT. '66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.16 eP 20:34:50.3 1966 iS 15.3 Dist. 230 Km	Oct.18 eP 07:42:(19) 1966 e 27 e(S) 43:28	Oct.19 eP 14:35:33 1966 Distant shock?
e(P) 22:25:37 Distant shock	eP 16:04:(54.5) eS 11.8	iP 14:42:34.4 iS 55.1 Dist. 190 Km
eP 22:42:40.0 eS 43:(42)	19 eP 00:56:14 Distant shock	eP 16:32:16.3 eS 27.8 Dist. 95 Km Small
17 iP 01:51:42.9 iS 52:11.5 Dist. 265 Km Dilatation from S	eP 01:25:56 e(R) 38.7	iP 16:54:05.8 Distant shock
eP 03:18:25.4 i 34.9 eS 19:(18)	eP 02:23:(12) eS 27:(26) eG 28.2 eR 28.9 (Dist. about 24°)	eP 17:43:04 eS 47:(22) eG 47.9 eR 48.7 Dist. about 24°
eP 04:41:13.3 i 25.5 e(S) 41	iP 04:17:55.3 i 18:00.7 Distant shock Dilatation	e(P) 22:42:10.2 eS 48
e(P) 11:16:20.8 Distant shock	eP 04:41:21.4 eS 44 Dist. about 200 Km Small	20 eP 01:08:(54) eS 09:(36)
iP 12:26:47.4 eS 04 Dist. about 150 Km	eP 05:58:22.6 iS 35.7 Dist. 110 Km Small	eP 01:13:(37) Distant shock
iP 17:41:06.1 eS (31) Dilatation	eP 06:40:06.4 iS 33.6 Dist. 250 Km	eP 02:50:05.5 eS 51:01 Dist. about 530 Km
eP 18:17:19.9 Distant shock	eP 06:49:55.1 i 50:01.4 Distant shock	e(P) 03:33:50 eS 28
e(P) 23:09:36 Distant shock	eP 08:11:41.4 i 51.9 i 12:01.1 i 06 iPP 14:14 ePPP 15:28 eS 19:(50) e(PS) 20:(30) eSS 23:54 eG 26.7 eR 30.4 Dist. 62° Compression from NE	e(P) 04:32:00 eS 29 Small
i(P) 23:37:47.8 Distant shock		eP 04:38:(32) eS 39:52
e(P) 23:52:17 e(R) 58:45 Distant shock Aftershock of 21:47?		iP 06:43:57.9 eS 44:12 Dist. about 120 Km Compression from ESE
i(P) 02:52:58.5 Distant shock		iP 07:14:40.0 iS 53.0 Dist. 110 Km Compression from NE?
e(P) 03:08:07 iS 23.6		
e(P) 03:42:07.2 Distant shock		



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PROVISIONAL READINGS AT PELDEHUE

Oct. 20 1966	eP 09:32:36.6 eS 52.8 Dist. 140 Km Small	Oct. 21 1966	e(P) 18:56.5 eS 59:13 eP 20:30:55.5 iS 31:05.2 Dist. 80 Km iP 22:32:51.1 iS 33:06.6 Dist. 135 Km	Oct. 23 1966	eP 10:18:22.5 e 26 eS 19:05 Dist. about 410 Km eP 11:17:53.2 e(S) 18:06 Two shocks? eP 15:38:03 eS 42:12 eG 42.7 eR 44.1 Dist. 23° iP 22:01:25.7 eS 42 Dist. about 140 Km Compression eP 22:39:25.8 eS 40.5 Dist. 130 Km eP 22:56:21.6 eS 40.6 Dist. 170 Km Small
	eP 11:55:39.2 Distant shock eP 12:57:23.9 eS 39 Dist. about 130 Km eP 12:59:58.1 eS 13:00:11 Dist. about 110 Km Small eP 23:56:03.4 Distant shock	22	eP 06:31:53.1 e 32:03 eS 52 e(Sg) 33:14 Dist. about 570 Km iP 10:42:52.0 i(S) 43:03 Dilatation from ENE? Local shock eP 12:24:19.0 eS 55 i(Sg) 03.8 Dist. about 340 Km eP 14:56:22.5 eS 48.9 Dist. 245 Km eP 15:03:56 e 04:13 e(S) 47	24	eP 00:33:44.0 e(S) 34:45.4 e 35:00 iP 01:28:39.6 iS 49.0 Dist. 75 Km Compression eP 04:55:54.7 eS 09.3 Dist. 125 Km iP 06:38:34.0 iS 46.7 Dist. 110 Km Compression iP 07:09:29.0 iS 49.6 Dist. 185 Km e(P) 11:14:33.3 i 37.8 eS 15:11
21	eP 02:06:21.1 eS 36 Dist. about 130 Km. Small eP 06:39:45.7 eS 59 Dist. about 110 Km iP 07:38:07.9 eS 27 Dist. about 170 Km Small eP 10:45:09 eS 52.3 eSS 56.0 eR 11:00.1 Dist. about 52° iP 12:11:23.6 eS 37.8 Dist. 120 Km iP 12:41:07.9 e(Pg) 29 e(S) 42:47 e(Sg) 58 eR 43:33 Dist. about 8° Compression from NNE iP 16:20:58.7 eS 21:15.6 Dist. 150 Km	23	iP 00:19:55.5 i 17.6 Compression Distant shock iP 02:38:47.2 eS 39:09 Dist. about 200 Km Compression eP 04:53:15.5 eS 38 Dist. about 200 Km eP 05:08:56.9 eS 09:(17) eP 05:26:13.3 eS (37)		

T. Atwater
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.17 eP 23:09:33.7 1966 Distant shock	Oct.19 eP 08:11:42.9 1966 i 12:04.5	Oct.23 iP 02:38:16.6 1966 e(S) 39:06 Dilatation
eP 23:37:(49) Distant shock	20 iP 06:43:53.5 eS 44:04.3 Dist. 90 Km Dilatation	e(P) 04:53:14.9 e(S) 34
eP 23:52:14 eR 59	eP 07:14:41.7 eS 56.5 Dist. 130 Km	iP 18:54:19.3 eS 28.7
18 eP 07:12:23.1 e 32 e(S) 43:28	21 eP 12:41:11.5 eS 43:12.0 Dist. 12°	24 iP 00:33:40.8 eS (40)
19 eP 06:40:09.9 eS 39.0 Dist. 290 Km	22 iP 10:42:51.8 Compression Local FELT AT SANTIAGO	eP 01:28:40.2 eS 50 Dist. about 80 Km
e(P) 06:49:55.6 Distant shock		eP 04:55:52.0 eS 04 Dist. about 100 Km Small
		iP 06:38:32.9 eS 44.6 Dist. 95 Km Compression
		iP 07:09:31.8 eS 55 Dist. about 210 Km

T. Atwater
Seismologist

PROVISIONAL READINGS AT BASE Q'HIGGINS

63° 19' 00" S 57° 54' 00" W

Oct.17 eP 17:(52):(18)
1966

Capitán López

PROVISIONAL READINGS AT BASE PEDRO AGUIRRE CERDA

62° 52' 00" S 60° 40' 50" W h 5 m

Oct.17 iP 21:51:24
1966

Cmdte. Spange

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.17 1966	eP eS	14:45:46 46:04.5	Oct.18 1966	eP i e(S) i	23:23:17.5 18.0 28.0 31.5	Oct.20 1966	eP eS	20:06:38.1 07:04.0
		Dist. about 150 Km						Dist. 220 Km
	eP eS	15:43:52.5 44:22.0	19	eP e(S)	02:21:28.4 24:18		e(P) e(S) i	21:03:23 51.5 55.2
		Dist. 260 Km						
	iP iS	17:44:29.3 34.5		eP e(S)	02:44:44.5 45:13	21	eP eS	03:45:03.8 41.1
		Dist. 40 Km						Dist. 330 Km
		Compression		ePKP	04:17:36.0		eP i	12:40:52.5 53.4
	eP eS	19:41:48.0 42:43		eP eS	07:33:07.9 47.1			Compression from SE
		Dist. about 530 Km			Compression			
					Dist. 350 Km		eP i iS	15:56:13.4 13.7 33.1
	iP e(S)	21:45:25 39		eP eS	08:15:22.4 19:25			Dist. 160 Km
		Compression from NW		eSS	44		eP	18:54:14.9
		Dist. about 9,5°		eSSS	23:38		e	43
		PZ 1.36u T 1.5 sec		eG	25:27		e	55.2
		Mag. 7.0?		eR	28:49			
18	iP iS	07:41:43.1 42:41			Dist. about 58°		eP	22:37:24
		Compression from SW			PZ 0.11 u; T 20 sec.			Local
		Dist. about 550 Km			MH 7.3 u; T 20 sec.			
					Mag. 5.7		22	e(P) eS
	eP e(S)	08:29:53.4 32:25		eP i i(S)	11:38:28.5 36.7 57			01:12:02 23.5
		Compression					eP eS	01:51:10.1 51.5
	eP e(S)	09:11:44 12:24.6		e(P) eS	14:17:20.5 48.0			Dist. 370 Km
							eP e(S) i	12:55:17 35.8 40.1
	eP e(S)	11:05:38.1 08.6		e(P) eS	14:47:51.5 48:03.0			
		Compression					eP eS	13:24:38.0 25:07.8
	eP e(S)	12:55:48 59.0		eP eS	17:41:28.5 44:30			Dist. 270 Km
					Dist. about 15°			
	e(P) eS	13:15:14 34.6	20	iP iS	01:27:41.6 47.5		eP eS	18:35:37 36:15.0
					Compression from SE			Dist. about 340 Km
					Dist. 50 Km		eP eS	18:49:33.6 41.3
	eP eS	16:15:44.6 16:28.5		eP eS	14:40:23.3 41			Dist. 70 Km
		Dist. 400 Km			Dist. about 140 Km		e(P)	23:35:32
	eP	18:49:19.5		eP eS	14:43:31.9 44:07			38.1
		Compression			Dist. about 310 Km		i	39.0
		PZ .15 u T 1.0 sec						

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PROVISIONAL READINGS AT ANTOFAGASTA

Oct. 23 e(P) 05:33:47
1966 eS 34:11.7

eP 08:34:42.1
eS 57.8
Dist. 130 Km

eP 14:23:27.5
eS 24:03.5
Dist. 320 Km

Oct. 23 eP 15:36:26.5
eS 39:17
eR 40.0
Dist. about 15°

24 eP 02:00:50.1
eS 01:27.6
Dist. 340 Km

Oct. 24 eP 07:54:07.8
1966 eS 12.8
Dist. 40 Km

eP 07:59:15
eS 39.7
Dist. about 210 Km

Y. Franulic
Seismologist

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ANTOFAGASTA

Chile
Oct. 66

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct. 25 1966	iP 01:15:55.6 eS 16:12 i 15.7 Dist. about 140 Km Compression	Oct. 26 1966	iP 08:15:21.5 eS (29) Local shock Dilatation from E	Oct. 28 1966	eP 04:30:57 eS 31:29.7 Dist. 315 Km
	iP 02:39:59.1 eS 40:32 Dist. about 310 Km Small		iP 09:37:18.0 eS 30.7 Dist. 110 Km		eP 06:04:53 eS 05:31 Dist. 360 Km
	eP 03:42:49.8 e(S) 43:52 e 44:17		eP 10:08:03.5 eS 19 Dist. about 140 Km		eP 06:50:(12.5) iP 07:31:31.3 iS 48.4 Dist. 150 Km
	eP 07:00:11 eS 50 e 56 Dist. 370 Km		eP 12:03:08.5 Distant shock ?		eP 07:52:32.3 iS 50.6 Dist. 160 Km
	eP 07:27:07 eS 44 Dist. about 350 Km		eP 14:29:45.0 iS 02.3 Dist. 150 Km		iP 08:13:55.3 iS 14:07.6 Dist. 100 Km
	iP 08:14:07.8 iS 17.9 Dist. 80 Km Dilatation Small	27	eP 00:18:10.3 eS 34.6 Dist. 24 Km		eP 09:28:(43.6) iS 29:07.6 Dist. about 220 Km
	iP 10:26:39.3 Distant shock Compression No long-period records		e(P) 00:59:36 e(S) 01:00:17 eSg 29	29	eP 00:58:25.2 eS 01:01:(30) Dist. 17°
26	eP 02:14:56.6 iS 09.1 Dist. 115 Km		eP 01:51:35.2 eS 47.7 Dist. 105 Km		eP 04:42:55 eS 43:26 Dist. 290 Km
	eP 02:18:49 epG 19:03 eS 42 iSg 55.6 Dist. about 500 Km Two shocks?		iP 06:05:05.8 iS 29.7 Dist. 220 Km		eP 09:07:31.1 eS 48 Dist. 150 Km
	eP 02:37:31.0 eS 44.0 iSg 45.3 Dist. 110 Km		iP 06:17:13.2 e 20:40.2 Distant shock		eP 15:37:29.5 eS 41:42 Dist. 245°
	eP 03:40:24.6 eS 50 Dist. about 230 Km		iP 14:40:43.9 Distant shock		iP 20:15:32.0 eS 16:02.5 Dist. 285 Km
			eP 16:16:55.9 eS 04.8 Dist. 70 Km		iP 21:30:42.5 iS 45.4 Near by explosion?
			iP 16:19:33.0 iS 35.7 Local		eP 21:35:55.5 e 36:31
				30	iP 00:12:50.4 iS 13:24.2 Dist. 320 Km

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PROVISIONAL READINGS AT PELDEHUE

Oct.30 eP 00:19:16.5
1966 eS 28.7
Dist. 100 Km

eP 01:53:13.6
eS 54:25.5
Dist. 700 Km

eP 03:47:27
eS 47.3
Dist. 180 Km

e(P) 05:47:02
eS 50:14

eP 12:29:54
eS 30:08.1
Dist. 120 Km

31 eP 00:56:25.7
eS 56
Dist. about 280 Km

iP 04:07:57.8
iS 08:11.0
Compression
Dist. 110 Km

iP 05:26:45.9
eS 58.8
Dist. 110 Km
Dilatation from N?

Oct.31 eP 07:21:32.9
1966 eS 55.4
i 22:01.0
Dist. 205 Km

iP 08:25:02.5
e 11.5
e 28:46
Dilatation
Distant shock
Deep focus?

iP 09:36:06.9
iS 18.0
Dist. 90 Km
Dilatation

eP 09:37:45.3
eS 55.6
Dist. 80 Km

Nov.01 e(P) 02:04:33.6
eS 51
i 02

iP 04:02:09.0
iS 26.5
Dist. 155 Km

iP 07:20:41.2
Distant shock

Nov.01 iP 19:58:49.1
1966 e(S) 59:14
e 27
Compression from N

02 iP 01:10:17.7
eS 32.5
Dist. 130 Km
Dilatation from SE?

e(P) 01:19:22
e(S) 21:10

eP 09:11:25.3
eS 12:(10)

iP 09:38:01.3
iS 13.9
Dist. 105 Km
Small

iP 12:49:48.2
eS 50:10
Dist. about 200 Km
Dilatation

T. Atwater
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.25 iP 01:15:59.9
1966 e(S) 16:(24)

eP 10:26:38.8
Distant shock

26 eP 02:14:51.9
eS 02
Dist. about 80 Km

iP 02:37:34.3
e(S) 51

iP 08:15:20.7
eS (29)
Local shock
Compression

27 iP 06:17:13.8
Compression
Distant shock

Oct.28 eP 17:49:30.3
1966 e(S) 34.5

No record on Oct.29
at 11:30

T. Atwater
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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct. 24 1966	eP 12:58:21.8 eS 59:01.5 Dist. 360 Km	Oct. 25 1966	eP 20:23:59.7 eS 24:36.5 Dist. 330 Km	Oct. 27 1966	eP 04:59:37.8 eS 05:00:17.0 Dist. about 380 Km
	eP 13:45:39.7 eS 46:02.1 Dist. 190 Km	26	iP 00:00:10.1 iS 18 Dist. about 70 Km Dilatation from NNW		ePKP 06:16:56.3 e(P) 06:26:51.3 Distant shock
	e(P) 14:37:01.5 eS 18.1		eP 03:50:13.6 i 14.1 eS 46.7 Dist. 300 Km From SW		e(P) 06:48:16.3 eS 45.7 Dist. about 270 Km
	iP 22:37:02.8 iS 32.2 i 38.5 Dist. 260 Km Compression from NE		eP 08:33:56.6 eS 34:34.1 Dist. 340 Km Compression from SE		eP 09:08:43 eS 09:22.5 Dist. about 350 Km
25	eP 03:12:00 eS 30.3 Dist. about 270 Km		eP 08:51:08.8 eS 46.8 Dist. 340 Km		eP 12:12:19.3 eS 15:23 eR 17:00 Dist. about 17°
	e(P) 06:55:52.1 eS 56:17.7		e(P) 09:19:11 eS 50.3		ePKP 14:40:44.7 epPKP 55.3 eSS 15:03:06 eSSS 08:06 eG 20:00 eR 28:12 Dist. about 145°
	eP 07:33:42.1 i 42.4 iS 34:03.0 Dist. 180 Km Compression from NE		iP 11:45:08.7 eS 48.3 i 49.1 Dist. 360 Km Compression from NE	28	eP 05:09:19.2 eS 58.2 Dist. about 370 Km
	e(P) 09:42:33 eS 50.7		eP 12:03:39.5 eS 50.0 i 50.5 Dist. 90 Km Compression		iP 05:29:36.7 iS 42.2 Compression from SE Dist. 50 Km
	eP 14:11:49.4 eS 12:04.8 Dist. 120 Km		iP 17:51:58.0 e(S) 52:35.2 i 39.4 Compression from ESE		e(P) 15:37:54.3 eS 38:10.6
	eP 15:40:37.8 eS 41:14.8 Dist. 330 Km		eP 19:35:44.0 Local		eP 18:18:20.7 eS 38.8 i 42.3 Dist. 150 Km
	e(P) 17:45:31 eS 46:00.0		eP 19:57:(27.5) i 27.7 eS 40.1 i 42.2		eP 19:09:04 eS 10:09 Dist. about 630 Km
	eP 18:04:13 eS 35.8 i 43	27	eP 02:13:24 eS 14:00 Dist. about 320 Km	29	eP 01:00:19 eS 04:25 eR 05:30 Dist. about 21°
	eP 18:42:28.4 i 30.2 e(S) 51.0 i 43:04.8				
	iP 20:13:57.8 iS 14:40.2 Dist. 380 Km Compression from NE				

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PROVISIONAL READINGS AT ANTOFAGASTA

Oct.29 eP 13:18:46.9
1966 i 50.8
i(S) 19:32

ePKP 14:52:19.0

eP 15:35:39.4
eS 38:53
eR 40:16
Dist. about 16°
From SW
MH 26.3 u; T 20 sec.
Mag. 5.4

Oct.29 eP 23:10:23
1966 eS 42.4
Dist. about 160 Km

30 eP 01:52:53.8
i(S) 54:06.8

eP 02:30:29.0
eS 46.1
i 49.9
Dist. 140 Km

eP 03:57:17.4
eS 58:04.8
Dist. 440 Km

Oct.30 eP 05:45:25.1
1966 eS 47:22
eR 48.0
Dist. about 10°

e(P) 18:03:20.0
eS 56.8

31 eP 02:25:32.8
e(S) 59.5

Y. Franulic
Seismologist



IMPRESO AEREO

INTERNATIONAL SEISMOLOGICAL SUMMARY
KEW OBSERVATORY
RICHMOND, SURREY, ENGLAND.