UNIVERSIDAD DE CHILE
DEPARTAMENTO DE GEOFISICA Y GEODESIA
Casilla 2777
Santiago, Chile

1968

PROVISIONAL READINGS AT CALAMA

22° 28' 47.5" S 69° 01' 39.0 W h200 m

Jan.01 1968	eP	02:04:57
	eS	05:16
	eP	03:19:42
	iS	56.8
	eP	04:10:57
	iS	11:10.1
	eP	06:35:00
	eS	20
	eP	06:57:40
	eS	58
	iP	07:04:22.3
	iS	32.5
	Dilatation	
	eP	07:37:44
	eS	38:00
	eP	08:28:19
	eS	50
	eP	08:45:10
	iS	35.1
	eP	08:55:43
	eS	55
	eP	09:06:48
	eS	07:11
	iP	12:05:43.8
	iS	55.0
	Dilatation	
	eP	13:06:09
	iS	25.0
	iP	13:27:47.0
	iS	28:03.7
	Dilatation	
	eP	15:13:57
	iS	14:14.4
	iP	16:36:59.1
	iS	37:12.7
	Compression	
	iP	17:34:17.4
	Compression	

Jan.01 1968	eP	18:58:27
	iS	43.2
	iP	20:20:11.1
	Dilatation	
	eP	20:27:12
	eS	30
	iP	22:20:57.2
	Dilatation	
02	eP	00:25:12
	eS	34
	eP	03:06:44
	eS	55
	eP	03:36:04
	eS	37
	eP	04:47:05
	eS	18
	eP	05:11:27
	eS	46
	eP	06:21:41
	eS	59
	eP	07:55:05
	eS	22
	eP	08:09:33
	eS	58
	eP	08:19:47
	eP	08:40:15
	eS	40
	eP	09:08:49
	eS	59
	eP	09:43:26
	iS	49.6
	eP	12:31:20
	iS	35.5
	eP	12:43:01
	eS	09

Jan.02 1968	eP	13:08:20
	eS	29
	iP	13:47:48.4
	iS	48:05.6
	Dilatation	
	eP	14:30:17
	eS	37
	eP	17:50:40
	eS	51:08
	eP	18:30:01
	eS	17
	eP	18:33:13
	eS	32
	iP	19:13:10.4
	iS	20.9
	Dilatation	
	eP	20:03:13
	eS	35
	iP	22:45:48.5
	Compression	
03	eP	00:30:37
	eS	31:01
	eP	01:07:01
	eS	27
	eP	01:29:02
	eS	14
	iP	01:45:55.4
	iS	46:17.6
	Compression	
	eP	02:57:42
	eS	58:25
	eP	03:20:07
	iS	23.0
	eP	03:29:28
	eS	42
	eP	o5:25:01
	eS	16

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PROVISIONAL READINGS AT CALAMA

Jan.03 1968
iP 05:32:15.0
iS 25.9
Compression

eP 06:45:29
eS 44

iP 07:01:09.9
iS 29.7
Compression

eP 07:10:43
eS 58

eP 08:21:01
eS 16

eP 08:26:56
iS 27:10.1

eP 08:39:48
eS 40:01

eP 11:57:23
eS 40

eP 11:48:49
iS 49:37.5

eP 15:19:31
eS 43

eP 16:30:56
eS 31:09

eP 17:41:55
eS 42:15

iP 18;40:15.0
iS 26.1
Dilatation

eP 20:46:50
iS 47:09.6

eP 22:21:22
eS 34

iP 23:39:56.6
iS 40:07.1
Dilatation

iP 23:46:52.0
iS 47:08.5
Compression

04 eP 00:38:09
eS 23

Jan.04 1968
eP 03:57:40
eS 53

eP 04:16:57
eS 17:13

eP 04:28:32
eS 59

eP 04:41:53
eS 42:08

eP 05:46:01
eS 18

eP 05:50:47
eS 51:12

eP 05:55:21
iS 34.0

iP 06:01:16.6
iS 40.7
Compression

eP 06:19:30
eS 20:10

eP 06:53:51
eS 54:11

iP 06:57:23.8
eS 44
Compression

eP 09:45:30
eS 49

eP 10:01:13
eS 31

iP 10:26:25.5
iS 31.7
Compression

eP 11:03:46
iS 58.5

eP 12:04:12
eS 27

eP 13:16:56
eS 17:14

iP 14:03:01.0
iS 16.0
Dilatation

Jan.04 1968
iP 14:49:00.3
Dilatation

iP 15:57:52.4
Compression

iP 16:02:21.6
iS 38.9
Dilatation

eP 16:44:32
eS 57

eP 17:04:56
iS 05:10.0

iP 18:51:22.0
iS 48.1
Compression

iP 20:13:10.3
Compression

eP 20:51:43

eP 22:52:53
eS 53:05

iP 23:07:54.0
iS 08:11.0
Dilatation

eP 23:44:45
eS 45:03

eP 23:55:31
iS 46.7

05 eP 00:15:00
eS 33

eP 00:39:52
eS 40:09

eP 01:43:59
eS 44:12

iP 02:31:03.6
iS 16.4
Dilatation

eP 02:47:00
iS 16.7

eP 03:19:41
eS 57

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PROVISIONAL READINGS AT CALAMA

Jan.05 1968	eP	03:33:53
	eS	34:12
	iP	05:12:46.1
	iS	13:08.0
	Compression	
	iP	05:27:37.7
	iS	50.3
	Compression	
	eP	06:48:14
	eS	34
	eP	06:56:58
	eS	57:14
	eP	07:03:22
	eS	40
	eP	08:59:48
	eS	00:17
	eP	09:28:45
	iS	29:04.2
	eP	12:20:56
	eS	21:20
	eP	12:56:38
	eS	54
	eP	16:33:45
	eS	34:25
	iP	16:36:30.7
	iS	51.7
	eP	16:45:07
	eS	30
	eP	17:44:22
	eS	35
	eP	18:54:27
	eS	50
	eP	19:16:52
	iS	55.8
	i	58.7
	eP	19:31:02
	eS	14
	eP	20:54:37
	eS	55:03

Jan.06 1968	iP	01:10:13.3
	iS	33.5
	eP	01:47:02
	eS	17
	eP	02:02:57
	eS	03:11
	eP	02:33:18
	eS	32
	eP	02:46:34
	eS	51
	eP	04:22:41
	eS	58
	eP	04:29:32
	eS	53
	eP	05:40:02
	eS	18
	iP	05:53:38.5
	iS	54:01.6
	Compression	
	eP	06:21:28
	iS	22:06.2
	iP	08:51:38.2
	iS	55.2
	Compression	
	eP	09:00:10
	eS	26
	eP	09:54:29
	eS	50
	iP	10:54:50.1
	iS	55"09.6
	Dilatation	
	eP	12:08:59
	eP	12:11:58
	eS	12:22
	eP	12:33:47
	eS	34:14
	iP	12:40:28.9
	iS	46.0
	Dilatation	

Jan.06 1968	iP	13:32:45.8
	iS	33:02.7
	iP	15:51:14.9
	Compression	
	iP	16:49:03.8
	iS	35.8
	i	38.1
	Compression	
	eP	16:54:22
	eS	55:15
	eP	18:41:53
	eS	42:13
	iP	19:44:09.5
	eP	22:05:19
	eS	30
07	eP	00:24:40
	eP	02:14:03
	eS	18
	eP	02:51:57
	iS	52:12.6
	eP	04:15:22
	eS	35
	iP	04:22:56.0
	iS	23:08.8
	Dilatation	
	eP	04:49:55
	eS	50:14
	eP	07:27:55
	eS	28:08
	eP	07:32:02
	iS	19.4
	eP	07:38:56
	eS	39:24
	eP	08:57:56
	eS	58:12
	eP	10:10:18
	eS	29
	iP	10:34:09.9
	iS	26.9
	Dilatation	

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PROVISIONAL READINGS AT CALAMA

Jun.07 1968
eP 11:48:53
iS 49:19.6

iP 12:30:07.0
iS 20.8
Dilatation

eP 13:04:57
eS 05:12

eP 13:45:30
eS 57

eP 13:57:22

iP 14:10:40.6
iS 54.3
Dilatation

eP 15:05:11
eS 29

iP 15:29:32.5
iS 39.3
Compression

iP 16:03:40.0
iS 56.2
Compression

eP 16:43:15
eS 31

iP 17:45:14.0
iS 35.0
Compression

eP 18:09:33
eS 58

eP 18:45:13

eP 18:58:42
iS 59:15.1

eP 21:00:29
eS 46

eP 23:05:54
i 06:05.4
iS 11.7

08 eP 01:20:17.1
eS 38.9

eP 02:01:01.7
iS 13.4

Jan.08 1968
eP 02;04:48.7
eS 05:10.4

iP 03:15:55.1
iS 16:05.8
Dilatation

eP 05:05:48.5
eS 06:19.0

eP 06:39:52.3

eP 06:46:14.2
eS 36.2

iP 06:50:09.3
i(S) 45.0
Compression

eP 10:38:32.5
eS 55.9

eP 11:06:06.7
eS 33.0

eP 12:26:35.7
iS 51.5

eP 13:12:43.6
iS 13:02.4

iP 17:40:25.5
eS 42.4
Dilatation

eP 17:49:02.0
eS 28.8

eP 18:45:28.0

eP 19:43:25.0
eS 45.1

eP 20:21:00.4
eS 21.1

eP 20:53:12.3
eS 46.9

09 iP 00:12:36.9
iS 56.4
Compression

eP 00:44:59.1
eS 45:14.8

Jan.09 1968
eP 04:59:09.3
eS 37.1

iP 12:34:54.9
iS 35:06.4
Compression

eP 12:54:12.2
eS 28.6

eP 13:17:28.4
eS 53.2

eP 15:58:24
iS 45.5

eP 16:14:57

iP 18:42:26.6
i 48.5
Compression

eP 19:28:43
eS 55

eP 20:32:17
eS 39

iP 21:18:45.4
eS 59.9
Dilatation

eP 22:08:13
eS 28

10 iP 00:33:12.6
iS 28.8
Compression

iP 01:17:27.3
i 38.0
i 43.6
Dilatation

iP 01:56:23.6
iS 40.3

iP 05:49:26.5
eS 41.5

iP 05:55:42.6
i 56:03.4
i 57:11.1
Compression

iP 08:42:48.1
iS 43:04.2
Dilatation

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PROVISIONAL READINGS AT CALAMA

Jan.10 1968
iP 10:54:25.5
eS 42
Compression

eP 11:56:24
iS 49.2

iP 13:18:47.5
eS 19:19

iP 15:20:43.5

iP 16:29:15.7
eS 31.5

eP 20:02:40
eS 03:03

iP 20:05:18.0
eS 38

iP 20:25:09.5
iS 13.0

11 iP 02:45:03.7
e 14.3
i 16.6
i 46:07.3

iP 08:27:56.4
eS 28:19.5

iP 12:18:38.3
iS 50.8

eP 13:07:09

iP 14:04:44.3
eS 57
Dilatation

iP 15:31:09.6
i 17.3
i 26.1
i 33.4
Dilatation

eP 18:22:13
e 25.5
eS 33

iP 19:38:45.5
iS 39:01.8
Compression

iP 19:55:20.2
i 22.9
i 25.4
i 26.8
e 35.6
Compression

Jan.11 1968
eP 20:09:12

iP 22:27:05.5
i 23.6
iS 37.1
Compression

eP 22:57:47
iS 58:00.6

12 iP 01:31:41.7
iS 55.5
Dilatation

iP 02:46:12.3
i 26.9
i 41.2
Compression

iP 04:06:21.1
i 35.9
Dilatation

iP 04:27:23.2
Compression

iP 05:49:47.9
iS 50:06.8
Compression

iP 06:31:49.8
eS 32:10
Compression

eP 07:18:39
eS 50

iP 09:28:51.4
eS 29:16
Dilatation

iP 10:29:01.6
iS 22.9
Compression

iP 13:04:48.5
iS 05:03.4

iP 13:06:05.5
iS 24.5
Compression

iP 13:13:54.6
iS 14:11.7
Compression

iP 15:04:21.3
eS 40

eP 20:38:12
eS 29

Jan.12 1968
eP 21:25:59
eS 26:28

13 eP 00:51:57
iS 52:16.6

eP 02:00:26
eS 45

eP 02:25:37
eS 49
i 51.9

iP 04:36:43.1
Compression

iP 04:41:33.0
iS 42:04.9
Compression

eP 06:36:43
eS 37:17

iP 07:16:39.5
i 49.2

iP 11:13:21.8
iS 46.0
Dilatation

iP 13:26:32.6
iS 45.8

iP 16:07:47.0
Compression

eP 17:21:17
iS 49.0

eP 17:37:21
eS 52

eP 18:03:07

iP 18:53:57.5
eS 54:17.6
Compression

iP 18:58:34.3
Compression

iP 19:29:28.6
i 34.1
Compression

iP 19:36:407
iS 37:12.4

eP 19:45:23
eS 55

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PROVISIONAL READINGS AT CALAMA

Jan.13 1968

	eP	20:23:40
	iP	21:30:10.1
	i	41.1
	i	53.0
	Compression	
	eP	22:11:14
	eS	44
	eP	23:04:35
	eS	05:06
	iP	23:19:03.7
	eS	29.4
14	eP	00:01:57.7
	eS	02:22.4
	eP	00:19:23.1
	iS	20:55.8
	eP	01:24:56.7
	eS	25:23.1
	eP	01:50:32.2
	iS	58.9
	eP	04:03:08.7
	eS	29.1
	iP	04:58:24.8
	iS	59:12.8
	Dilatation	
	iP	05:26:28.7
	iS	27:00.3
	Compression	
	eP	06:12:47.6
	eS	13:19.0
	eP	06:58:27.1
	iS	40.9
	eP	08:27:24.5
	eS	56.2
	eP	10:30:00.2
	eS	12.0
	iP	10:41:29.2
	S Saturated	
	Compression	
	eP	11:02:39.3
	eS	03:11.4
	Dilatation	

Jan.14 1968

	eP	10:58:15.0
	eS	45.0
	eP	12:54:55.8
	eS	55:28.1
	eP	13:27:04.3
	eS	21.1
	e(P)	13:51:37.7
	iP	20:08:06.2
	Dilatation	
	eP	21:04:18.0
	eS	49.1
	e	50.6
	eP	22:32:43.3
	eS	33:16.5
	eP	22:44:42.2
	iS	58.7
15	eP	00:31:44.3
	eS	32:04.8
	eP	01:31:09.8
	eS	24.5
	eP	02:02:44.7
	iS	03:13.7
	eP	03:00:45.1
	eS	01:03.7
	eP	04:02:09.1
	iS	20.8
	iP	04:09:52.1
	iS	10:13.8
	Compression	
	eP	05:24:52.2
	eS	25:08.3
	eP	07:06:49.3
	eS	07:09.7
	eP	07:46:56.3
	eS	47:16.4
	eP	07:50:12.0
	eS	46.0
	eP	07:53:06.3
	eS	16.4

Jan.15 1968

	eP	08:18:20.5
	eS	41.4
	iP	08:26:40.5
	eS	50.9
	iP	10:34:36.0
	i(S)	50.6
	Dilatation	
	iP	12:25:00.8
	iS	26.8
	Compression	
	eP	13:42:00.6
	eS	21.0
	eP	13:44:16.4
	iS	30.6
	eP	14:01:21.4
	iS	55.7
	eP	15:01:13.7
	eS	46.4
	eP	15:41:28.6
	eS	42:24.1
	eP	16:30:21.9
	eS	33.4
	iP	16:59:07.5
	iS	29.2
	Compression	
	eP	17:07:43.2
	eS	54.7
	eP	17:39:57.7
	eS	40:12.6
	eP	19:50:27.5
	iS	51:17.7
	iP	20:29:28.8
	iS	48.8
	Compression	
	eP	20:34:33.1
	eS	50.0
	eP	20:51:23.1
	eS	42.3
	eP	21:11:23.3
	eS	42.4

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Jan.15 1968	eP	21:14:10.1
	eS	27.6
	eP	21:44:26.3
	eS	46.7
	eP	22:32:53.5
	iS	33:17.7
	eP	22:46:47.7
	eS	59.9
	eP	23:28:41.7
	eS	52.3
	eP	23:38:(25.4)
	eS	37.3
	eP	23:58:16.8
	eS	48.7
16	eP	01:16:06.7
	eS	20.8
	eP	01:43:47.5
	eS	58.7
	eP	02:01:40.8
	eS	56.7
	eP	02:41:58.7
	iS	42:08.3
	eP	03:35:16.8
	eS	47.0
	eP	04:42:11.8
	eS	24.3
	eP	05:44:20.6
	eS	52.3
	eP	06:17:04.8
	eS	23.5
	eP	06:29:22.1
	eS	38.7
	eP	06:47:55.3
	eS	48:15.5
	eP	07:05:14.8
	eS	32.9
	eP	08:15:28.8
	eS	46.5

Jan.16 1968	eP	08:33:57.8
	eS	34:09.9
	eP	08:57:47.3
	eS	58:12.6
	iP	09:05:08.3
	iS	20.8
	Compression	
	e(PP)	09:41:16.1
	eS	35.0
	e(P)	10:15:58.8
	eS	16:15.3
	eP	10:34:59.1
	eS	35:17.8
	eP	10:32:37.4
	eS	54.1
	eP	12:15:34.9
	eS	55.3
	iP	13:38:20.4
	Saturated	
	Compression	
	eP	13:55:26.1
	eS	42.7
	eP	14:21:58.6
	iS	22:31.0
	eP	16:22:16.4
	eS	37.3
	eP	16:30:06.0
	iP	17:18:17.3
	iS	28.4
	Compression	
	eP	18:10:03.5
	eS	25.4
	iP	18:33:46.2
	iS	34:03.0
	Dilatation	
	iP	18:48:26.4
	iS	30.2
	eP	21:19:36.4
	iS	57.7

Jan.16 1968	eP	22:10:27.7
	iS	11:02.4
	eP	22:17:51.3
	eS	18:05.5
	eP	23:03:57.6
	iS	04:30.9
	eP	23:28:43.8
	eS	29:05.2
17	eP	01:37:(35.1)
	eS	52.3
	eP	02:45:09.5
	eS	29.7
	eP	05:01:53.9
	eS	02:30.9
	eP	06:49:52.7
	eS	50:12.6
	eP	06:55:30.9
	iS	56:03.3
	eP	07:31:51.0
	iS	32:03.0
	eP	07:32:49.3
	eS	33:03.0
	eP	08:21:45.3
	eS	22:04.5
	eP	09:18:10.8
	eS	31.0
	eP	13:17:05.1
	eS	21.2
	eP	13:50:00.7
	eS	15.7
	eP	14:23:55.3
	eS	24:18.2
	eP	16:34:50.1
	eS	35:10.9
	eP	17:48:14.9
	eS	49.9
	eP	21:55:04.2
	eS	28.4

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PROVISIONAL READINGS AT CALAMA

Jan.17 1968	eP	22:30:37.2
	eS	52.4
18	eP	00:57:16.4
	eS	30.4
	eP	01:45:50.9
	eS	46:24.6
	eP	02:10:36.2
	eS	52.6
	eP	02:55:08.8
	eS	20.1
	eP	03:14:00.1
	iS	38.0
	eP	03:24:02.6
	eS	13.1
	eP	04:48:05.1
	eS	30.6
	eP	08:55:29.2
	eS	58.9
	eP	10:25:08.8
	eS	23.3
	eP	10:58:(31.5)
	eS	44.7
	eP	13:24:01.7
	eS	22.5
	eP	14:32:38.5
	eS	33:10.7
	iP	15:54:37.0
	iS	48.5
	Dilatation	
	eP	16:06:59.2
	eS	07:30.9
	eP	17:23:57.5
	eS	24:38.0
	eP	18:21:55.2
	eS	22:43.5
	eP	18:47:13.6
	eS	20.5

Jan.18 1968	iP	19:30:32.5
	iS	50.3
	Compression	
	eP	19:54:42.6
	eS	46.2
	iP	20:31:40.1
	iS	54.6
	Dilatation	
	eP	22:22:42.1
	iS	23:07.2
	iP	23:04:50.8
	eS	05:23.2
	Dilatation	
19	eP	01:32:31.2
	i	31.5
	iS	33:05.2
	eP	03:01:47.2
	eS	02:06.9
	iP	04:56:06.8
	iS	26.8
	Compression	
	eP	07:16:29.1
	eS	17:02.4
	eP	08:50:16.8
	eS	42.8
	eP	09:09:46.9
	eS	57.7
	iP	09:37:04.6
	eS	20.3
	eP	11:14:27.2
	eS	47.8
	eP	12:16:36.7
	eS	55.5
	iP	13:28:33.1
	eS	55.7
	eP	15:56:09.8
	eS	43.9
	eP	18:44:04.5
	iS	07.9
	i	11.1

Jan.19 1968	eP	20:25:50.1
	eP	21:10:12.5
	eS	43.5
	eP	22:04:48.8
	eS	05:11.1
	iP	23:51;12.6
	eS	24.3
	Compression	
20	iP	00:22:43.3
	iS	57.6
	eP	03:45:31.6
	iS	52.4
	iP	04:28:57.7
	iS	29:03
	Dilatation	
	eP	04:32:48
	eS	33:10
	eP	05:49:45
	eS	56
	eP	06:53:04
	eS	38
	eP	07:11:24
	eS	41
	eP	07:45:07
	eS	22
	eP	07:47:07
	eS	22
	eP	09:06:07
	eS	42
	iP	10:41:59.4
	iS	42:14.7
	iP	12:10:09.8
	iS	11:37.3
	eP	12:51:17
	eS	30
	eP	12:57:30
	eS	41

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PROVISIONAL READINGS AT CALAMA

Jan.20 1968
eP 15:01:19
eS 33

iP 15:51:05.3
iS 10.5
Compression

eP 16:09:27
eS 10:18

eP 16:11:32.5
iS 44.1

eP 18:18:32
eS 46

iP 20:31:53.5
iS 30.0

21 iP 01:22:54.9
eS 23:10
Compression

eP 01:44:29
eS 45:06

eP 02:19:15
eS 34

eP 02:56:07
iS 30.8

eP 03:20:53
iS 21:11.9

eP 04:26:25
eS 39

eP 04:36:13
eS 37

iP 05:21:40.4
eS 54

eP 07:45:20
eS 41

eP 08:05:00
eS 36

eP 08:51:32
eS 52

eP 09:19:50
eS 20:14

Jan.21 1968
iP 11:21:51.0
iS 22:06
Compression

iP 14:08:37.9
iS 50.6
Compression

eP 15:12:08.5
eS 24.7

iP 15:24:01.5

eP 15:29:59
iS 30:20

eP 15:35;35
eS 49

iP 18:27:37.4
iS 54.7

eP 18:54:10
eS 31

eP 19:24:37
eS 25:25

eP 20:26:28
eS 43

eP 21:06:55
eS 07:16

eP 21:19:31
eS 43

eP 21:56:45
eS 57:04

22 eP 00:14:25
eS 15:08

iP 01:09:04.6
iS 24.8

eP 01:47:43
eS 56

iP 04:18:23.5
iS 37.2

iP 04:29:11.7
iS 30.9
Dilatation

Jan.22 1968
iP 04:34:17.7
eS 31
Dilatation

iP 05:46:39.5
iS 43.7

iP 06:06:51.7
iS 07:11.2
Compression

eP 06:40:40
eS 41:00

eP 07:16:39
eS 55

iP 09:15:01.9
eS 15
Compression

eP 09:52:17
eS 45

iP 10:55:22.8
iS 38.6

eP 12:42:27
eS 41

eP 13:02:46
eS 03:20

eP 13:08:35

iP 13:23:46.2
iS 57.0
Dilatation

eP 13:35:43
eS 09

eP 15:04:54
eS 05:18

eP 16:04:35
eS 53

iP 17:01:56.0
iS 02:05

iP 17:22:57.1
iS 23:08.6
Dilatation

eP 17:26:05.4
eS 27

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PROVISIONAL READINGS AT CALAMA

Jan.22 1968	eP	17:38:55
	eS	39:29
	eP	19:13:57
	eS	14:12
	eP	19:51:42
	eS	55
	iP	20:17:04.5
	eS	15
	eP	20:33:34
	eS	52
	eP	21:51:27
	eS	40
	eP	22:49:31
	eS	50:05
23	eP	00:33:47
	eS	34:05
	iP	01:13:11.3
	eS	28
	eP	02:19:07
	eS	28
	eP	02:30:09
	eS	29
	iP	02:41:45.5
	iS	57.9
	Dilatation	
	eP	04:09:27
	eP	04:57:01
	iS	20.9
	eP	06:18:33
	eS	45
	iP	07:28:45.0
	iS	59.7
	Dilatation	
	eP	07:33:36
	eP	08:48:04
	eS	16
	eP	09:08:36
	eS	49

Jan.23 1968	eP	09:21:48
	eS	22:08
	eP	09:31:35
	eS	57
	eP	09:34:48
	eS	53
	eP	09:40:59
	iS	41:12.2
	iP	10:29:01.5
	iS	17.9
	eP	11:07:54
	eS	08:08
	eP	11:59:35
	eS	00:16
	eP	12:20:32
	eS	48
	eP	14:13:02
	eS	32
	eP	14:33:57
	iS	35:00.8
	eP	14:51:55
	eS	52:15
	eP	16:08:59
	iP	17:02:20.7
	iS	43.7
	Compression	
	eP	18:10:31
	eS	45
	eP	18:26:35
	eS	45
	eP	19:01:26
	eS	45
	iP	19:53:56.5
	iS	54:00.1
	Compression	
	iP	20:28:22.8
	iS	38.6
	Compression	

Jan.23 1968	eP	21:05:15
	eS	37
	eP	21:14:39
	eS	15:51
	iP	22:19:59.8
	iS	20:32
	eP	22:31:57
	eS	32:13
	iP	22:42:18.7
	iS	54.2
	Compression	
24	eP	00:06:55
	eS	07:10
	eP	02:29:38
	eS	50
	iP	06:01:49.2
	iS	02:06.7
	Compression	
	eP	07:33:02
	eS	21
	eP	08:16:51
	eS	17:26
	eP	08:54:19
	eS	35
	eP	09:09:48
	eS	10:10
	eP	09:22:11
	eS	24
	eP	09:55:34
	eS	52
	iP	10:40:47.3
	iS	57.4
	Compression	
	eP	12:33:24
	eS	39
	eP	13:01:41
	eS	02:19
	eP	13:13:33
	eS	46

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PROVISIONAL READINGS AT CALAMA

Jan.24 1968
eP 14:41:02
eP 14:46:37
iS 49.5
eP 15:07:28
eS 08:47
eP 15:27:55
eS 28:15
eP 16:00:47
iS 01:18.6
eP 18:49:03
eS 34
iP 19:14:07.0
iS 10.9
i 13.1
Compression
eP 19:30:10
eS 30
iP 19:55:32.5
iS 35.2
i 39.3
Compression
eP 23:57:24
eS 37
25 eP 00:31:05
eS 26
eP 00:57:30
eS 58:03
iP 00:59:15.3
iS 34.8
Dilatation
iP 01:19:44.6
iS 20:15.6
Compression
iP 01:53:09.6
iS 24
eP 02:03:03
eS 16
eP 02:52:36
eS 47

Jan.25 1968
iP 03:21:00.9
iS 14.7
Compression
eP 03:50:09
eS 17
eP 04:51:11
eS 58
eP 05:18:44
iS 19:09.2
eP 05:40:29
iS 39.1
eP 05:55:21
eS 45
iP 06:23:30.2
eS 46
eP 06:38:04
eS 23
iP 08:16:29.9
iS 53.5
Dilatation
eP 09:00:12
eP 10:13:22
eS 33
iP 10:40:34.6
eS 41:11
eP 11:02:03
iS 24.6
iP 11:48:17.9
iS 27.8
Compression
eP 12:07:12
eS 27
eP 13:47:39
eS 48:10
iP 14:36:49.9
iS 37:06.7
eP 14:38:54
eS 39:27

Jan.25 1968
iP 14:40:35.7
i 46.4
Dilatation
eP 17:56:29
eS 49
eP 19:32:22
iS 26.5
i 29.2
iP 19:46:56.5
i 59.2
i 47:00.7
Compression
eP 20:45:38
eP 21:46:27
eS 45
eP 21:50:35
eS 54
eP 21:59:44
eS 57
eP 22:27:20
eS 38
eP 22:56:16
eS 38
26 eP 01:56:35.8
iS 51.9
eP 02:29:56.4
iP 03:43:51.3
iS 44:11.4
Compression
e(P) 04:27:19
e 28:09
iP 04:44:22.5
iS 36.2
e(P) 05:05:27
iP 06:41:05.8
iS 22.0
e(P) 07:51:30
eS 52:02

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PROVISIONAL READINGS AT CALAMA

JAN.26 1968
e(P) 09:11:56
e(P) 10:36:15
eS 35

eP 10:54:14.4
eS 38.0

eP 11:28:18.6
iS 54.4

eP 13:46:39.2
iS 40.6

eP 13:50:02.0
iS 15.2

e(P) 16:08:36
eS 09:08.4

eP 18:59:18.7
iS 52.4

iP 19:30:12.4
iS 17.7
i 22.1
Compression

iP 19:37:58.8
iS 38:11.0
Dilatation

eP 20;26:44.0
i 57.0
iS 59.6

iP 20:37:09.4
iS 27.3
Compression

iP 22:00:42.5
iS 01:01.9
Dilatation

iP 22:34:07.9
iS 24.9
Dilatation

27 eP 00:43:03.5
eS 20.3

iP 01:01:21.9
eS 34.3

eP 01:53:13.9
eS 31.9

Jan.27 1968
eP 02:04:00.7
iS 18.5

eP 02:25:13.1
iS 30.6

iP 03:46:46.3
iS 47:06.3
Dilatation

eP 04:35:42.0
eS 59.5

eP 05:29:53.5
iS 30:17.0

eP 07:35:26.7
iS 43.3

iP 08:50:51.8
iS 51:09.2
Compression

e(P) 09:47:00
eS 32.7

iP 10:00:47.9
iS 01:08.4

iP 10:25:33.1
iS 48.2
Compression

iP 10:46:11.9
iS 44.8
Dilatation

iP 13:04:44.0
iS 05:18.3
Compression

eP 14:26:17.2
iS 51.4

eP 15:37:00.9
eS 25.9

eP 18:15:18
iS 32.3

eP 18:16:51.4
iS 17:28.3

eP 18:18:46
eS 59.1

Jan.27 1968
eP 18:25:37
iS 55.6

iP 18:58:36.4
iS 39.4
i 52.8
Compression

iP 22:49:41.0
iS 50:00.3
Compression

28 iP 01:46:14.5
iS 27.3
Compression

iP 03:13:05.9
e(S) 18

iP 03:50:51.9
iS 51:04.4
Compression

iP 04:39:32.3
i 32.7
i 40:52.1
Compression

iP 05:02:36.1
eS 57.0
Compression

iP 05:52:11.5
iS 25.2
Dilatation

iP 06:40:36.8
iS 57.5
Compression

iP 09:28:48.4
iS 29:05.8
Dilatation

iP 10:47:22.1
iS 39.3
Compression

eP 12:19:21
eS 33

iP 13:42:10.8
iS 29.1
Dilatation

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PROVISIONAL READINGS AT CALAMA

Jan.28 1968
eP 13:53:09
iS 27.8

eP 15:07:43
iS 08:21.1

eP 15:20:55

eP 15:46:14
iS 28.0

eP 15:55:38
eS 57

iP 17:22:31.8
iS 53.0
Compression

e(P) 17:34:26
eS 45.2

iP 17:37:03.6
iS 19.2
Compression

eP 18:59:37
eS 19:00:12

iP 20:46:48.3
eS 47:04
Compression

iP 21:06:59.2
iS 07:11.4

29 iP 05:06:36.9
iS 07:09.9
Dilatation

eP 06:21:06.5
i 07.4
iS 39.9

eP 06:52:27
i(S) 44

iP 07:02:53.8
iS 11.4
Dilatation

eP 08:04:22.6
iS 44.0

iP 09:50:32.5
iS 53.4
Compression

Jan.29 1968
eP 10:38:36.8

iP 10:45:45.8
i 46:06.9
i 08.4
Dilatation

eP 11:42:27
eS 45

eP 12:14:58
iS 15:10.5

eP 13:48:25.5
eS 45.2

eP 13:49:06.2
iS 39.7

iP 13:59:50.4
iS 14:00:01.7
Dilatation

eP 15:48:47.5
iS 49:05.5

eP 16:53:14
eS 26

eP 17:43:14
eS 28

eP 17:57:27
iS 46.4

iP 18:49:44.0
i 47.9
i 51.0
Compression

iP 19:32:02.4
iS 28.2
Dilatation

iP 19:35:02.5
i 06.0
i 12.0
Compression

iP 20:28:50.4
iS 29:01.0

eP 20:40:37
eS 59

iP 21:21:41.3
iS 22:08.1
Compression

Jan.29 1968
e(P) 22:34:27
eS 35:00

eP 23:17:56.7
iS 18:34.6

iP 23:59:44.2
iS 00:00:15.3
Compression

30 iP 01:09:16.7
iS 36.4
Compression

eP 03:53:08

eP 04:03:09
i 15.2
i 26.5

iP 04:24:46.2
iS 25:05.8
Dilatation

eP 04:44:58
eS 45:17

iP 05:47:52.8
iS 48:15.1
Compression

eP 07:21:50.8
eS 22:08.6

eP 07:59:22.5
i 50.4
i 54.8

iP 09:01:25.1
iS 37.5
Compression

iP 09:26:44.9
i 27:01.8
e 28:10.2
Compression

iP 09:43:48.7
eS 44:01.2
i 02.7
Compression

iP 10:09:43.3
iS 59.1
Dilatation

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Jan.30 1968

eP	10:40:48
eS	41:15
e(P)	12:12:04
eS	22
iP	12:13:56.1
iS	14:15.8
Compression	
eP	16:37:12.7
e(S)	37
eP	17:54:38.5
eS	50.3
eP	18:09:10.3
eS	22.3
eP	18:25:41.4
eS	55.3
iP	19:32:15.5
iS	19.0
Compression	
iP	20:12:59.4
S	Saturated
Compression	
e(P)	20:25:54
e(S)	26:33
eP	20:30:20
eS	49
iP	20:36:29.2
iS	42.8
Compression	
eP	20:44:22.5
eS	46
eP	21:16:50.6
iS	17:04.3
eP	22:09:42
eS	56
iP	22:11:55.0
iS	12:19.7
Dilatation	
eP	22:25:02.4
iS	31.5

Jan.30 1968

e(P)	23:10:40
eS	57.0

31

e(P)	01:52:45
e(S)	58
iP	02:05:24.4
iS	06:49
Dilatation	
eP	02:29:41
iS	30:05.3
eP	02:59:18.5
iS	34.3
iP	03:05:37.4
eS	53.2
Compression	
eP	03:23:32.8
iS	43.3
e(P)	03:28:03
iS	20.0
eP	04:14:03.4
eS	16.9
eP	04:53:26
eP	05:24:45.2
i	25:17.1
i	18.9
iP	05:28:17.5
iS	30.0
Compression	
iP	06:38:00.4
iS	16.2
Dilatation	
iP	07;10:18.4
iS	39.3
Dilatation	
iP	08:58:39.7
iS	51.7
e(P)	09:59:31
iS	10:00:08.2
eP	11:38:25.1
eS	39

Jan.31 1968

eP	11:56:58.2
iS	57:25.0
eP	12:39:22
eS	36.1
e(P)	13:22:15
iS	31.8
iP	13:56:03.0
iS	22.0
iP	13:56:42.5
iS	56.6
eP	14:13:24.0
iS	14:46.0
eP	14:50:33
eS	35.9
iP	15:05:22.0
iS	33.6
Compression	
eP	17:56:31
eS	48.4
iP	19:02:30.1
iS	45.2
Compression	
iP	19:18:26.2
iS	37.3
Dilatation	
iP	19:40:17.9
iS	19
Compression	
iP	19:48:02.8
i	06.2
Compression	
iP	20:07:13.8
iS	36.0
iP	20:08:12.6
iS	28.2

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1968

PROVISIONAL READINGS AT CALAMA

*

Mar.11 1968
eP 15:01:52
i 02:18.2
iS 23.8

eP 15:42:06
eS 40

iP 16:17:32.4
iS 40.9
Compression

eP 16:26:51
eS 27:18

eP 17:43:27
eS 47

eP 18:50:13
eS 26

eP 19:07:53

iP 19:30:34.7
iS 31:12.0
Compression

iP 20:36:19.1
iS 40.2
Compression

eP 22:27:41
iS 52.9

eP 23:41:34
eS 49

12 eP 02:25:51
eS 26:01

iP 04:04:34.3
iS 47.2
Dilatation

iP 06:00:16.0
iS 49.6
Dilatation

eP 06:43:36
iS 49.3

eP 07:11:26
iS 38.4

iP 08:22:47.4
iS 23:02.0
Dilatation

* From Jan. 31 at 18:10 to Mar.11 at 15:00 station stopped.

Mar.12 1968
iP 09:57:51.3
iS 58:03.9
Dilatation

iP 11:15:43.9
iS 56.2
Compression

eP 14:22:20
eS 35

eP 15:29:15
iS 27.9

eP 16:48:00
eS 11

iP 17:58:30.0
iS 48.8
Compression

eP 18:48:27
i 30.1

iP 19:41:34.2
iS 37.2
Compression

iP 21:31:06.3
iS 16.4
Dilatation

iP 21:46:35.8
eS 56
Compression

eP 21:47:18
eS 50

iP 23:59:18,2
iS 31.6
Compression

13 eP 01:22:05
eS 17

eP 01:54:19
eS 53

iP 03:45:39.0
iS 49.3
Dilatation

eP 03:54:30
iS 49.7

iP 06:02:12.6
iS 24.6
Compressión

Mar.13 1968
iP 06:34:09.2
iS 29.7
Compression

eP 08:09:51
iP 51.5
iS 10:04.1

iP 08:27:39.1
iS 49.3
Dilatation

eP 08:49:15
iS 29.3

iP 08:59:21.9
iS 35.9
Dilatation

iP 13:21:11.3
iS 31.4
Dilatation

iP 14:51:11.4
iS 37.6
Dilatation

eP 14:58:24
eS 44

iP 15:53:47.0
iS 49.9
Compression

eP 19:44:52
iS 45:12.1

iP 19:58:11.1
iS 21.6
Compression

iP 23:46:25.8
iS 46.5
Compression

14 iP 00:06:26.2
iS 39.1
Compression

eP 01:34:39
eS 57

eP 05:51:27
eS 39

eP 09:51:57
eS 52:30

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Mar.14 1968
iP 10:54:15.8
iS 29.9
Dilatation

iP 11:22:23.0
iS 44.9
Compression

iP 16:45:30.4
i 40.2
iS 59.6
i 46:05.8
Dilatation

iP 19:43:19.7
Compression

eP 20:02:33
eS 51

eP 20:18:05
iS 18.6

eP 21:03:52
eS 04:03

eP 21:54:58
eS 55:14

eP 22:30:56
iP 56.9
iS 31:15.2

eP 23:08:16
eS 36

iP 23:45:46.8
iS 46:19.9
Dilatation

15 iP 01:03:23.2
iS 54.6
Dilatation

iP 01:58:01.8
iS 13.4
Dilatation

iP 03:26:56.9
iS 27:10.4
Compression

eP 04:18:25
iS 29.4

Mar.15 1968
iP 06:52:12.0
iS 30.9
Dilatation

iP 08:39:39.8
iS 52.4
Dilatation

eP 11:16:55
eS 17:33

eP 12:26:08
e 13
i 17.0

eP 15:21:32
eS 51

iP 16:22:25.9
iS 42.5
Dilatation

eP 16:54:08
iS 20.5

iP 17:02:02.1
iS 14.4
Compression

eP 18:14:48
iS 15:04.9

eP 18:36:44
eS 37:15

eP 18:51:17
eS 40

iP 19:35:42.4
iS 47.7
Compression

iP 22:09:16.4
iS 37.4
Compression

eP 23:23:51
eS 24:11

16 eP 00:29:19
eS 40

iP 04:14:41.5
iS 15:03.0
Compression

Mar.16 1968
eP 05:36:37
iS 50.8

eP 07:59:15
iS 32.3

eP 10:58:24
i 50.3
iS 57.7

iP 11:16:01.0
iS 20.0
Dilatation

iP 15:50:45.8
eS 51:12

eP 17:37:25
iS 39.0

iP 19:40:55.1
Compression

iP 20:05:40.8
iS 56.6
Compression

eP 20:14:30
iS 46.7

eP 22:02:03
iS 48.9

17 iP 02:09:07.9
iS 22.4
Compression

iP 05:23:49.1
iS 24:15.9
Compression

eP 07:46:08
iS 23.6

eP 08:07:33
eS 54

iP 09:56:57.0
Compression

iP 10:39:27.5
iS 59.9

iP 10:53:25.1
iS 42.4

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Mar.17 1968
eP 13:20:11
iP 16:44:37.5
iS 45:01.2

eP 19:20:05
iS 17.3

eP 20:20:39
iS 21:55.6

iP 20:23:53.7
iS 24:07.1
Dilatation

iP 21:37:17.8
iS 37.9
Compression

18 iP 04:18:34.1
iS 44.8
Dilatation

eP 05:24:24
eS 46

iP 09:28:30.3
iS 43.7
Compression

iP 11:09:27.9
Dilatation

iP 12:06:00
iS 25.8
Compression

iP 14:10:54.1
iS 11:14.8
Compression

eP 14:45:19
iS 32.3

iP 18:53:18.8
iS 38.5
Compression

iP 19:33:41.4
iS 47.1
Compression

iP 21:51:00.3
iS 17.4
Compression

Mar.18 1968
iP 21:55:02.2
iS 17.3
Compression

eP 23:32:49
iS 33:22.0

19 eP 01:43:36
iS 44:08.5

iP 02:09:33.3
iS 48.8
Compression

iP 06:11:14.2
eS 24
Dilatation

iP 06:35:25.0
iS 37.7
Compression

iP 11:06:56.1
iS 07:08.6
Dilatation

iP 11:34:58.0
iS 35:09.6
Dilatation

eP 12:57:37
eS 50

eP 14:19:54
iS 20.16.1

eP 18:18:08
eS 40

iP 19:44:50.8
iS 54.5
Compression

eP 20:15:49
iS 16:02.2

eP 20:37:53
iS 38:10.6

iP 20:44:38.4
iS 52.2
Compression

eP 21:11:53
iS 12:07.9

Mar.20 1968
iP 02:54:20.6
eS 51
Dilatation

iP 06:21:08.8
Compression

iP 06:51:47.8
iS 52:11.1

eP 08:19:40
iS 53.0

iP 11:35:04.6
iS 25.7
Compression

eP 12:17:01
eS 33

iP 14 58:07.7
iS 20.5
Compression

eP 16:57:25
eS 59

iP 19:06:31.3
Compression

iP 19:06:49.5
iS 07:05.0
Dilatation

eP 19:54:28
iS 55:06.9

iP 21:32:14.0
iS 32.9
Compression

iP 22:31:17.1
iS 36.2
Compression

iP 22:37:01.2
iS 16.9
Compression

21 iP 01:36:43.2
iS 56.5
Compression

eP 02:34:49
eS 35:01

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Mar.21 1968
iP 03:03:22.1
iS 35.2
Dilatation

eP 07:24:50
iS 25:07.6

iP 07:27:17.3
iS 31.8
Compression

eP 09:13:28
eS 50

iP 10:14:45.8
iS 15:05.1
Compression

iP 10:49:57.1
Compression

iP 12:10:16.0
i 26.1
Dilatation

eP 14:25:37
iS 58.5

iP 18:34:48.3
iS 35:10.2
Compression

iP 19:49:51.3
i 54.7
Compression

22 iP 00:00:40.7
iS 01:02.3
Compression

eP 01:17:11
iS 23.4

iP 01:56:17.2
Compression

eP 03:09:28
eS 51

iP 04:14:13.3
Compression

iP 04:16:06.1

eP 08:36:07
iS 41.3

Mar.22 1968
eP 11:58:55
eS 59:08

eP 12:16:04
eS 22

iP 12:53:29.1
iS 48.2
Compression

eP 15:19:42
iS 55.3

iP 15:27:10.0
iS 35.9
Dilatation

iP 18:39:58.2
iS 40:19.3
Compression

iP 19:51:37.9
iS 42.8
Compression

eP 23:11:42
iS 53.8

eP 23:12:31
iS 42.8

23 eP 01:22:22
eS 33

eP 04:34:24
eS 34

eP 06:07:22
eS 34

eP 06:37:45
iS 59.2

iP 07:00:45.7
iS 59.2
Compression

iP 11:11:00.1
eS 18
Compression

iP 15:31:15.5
iS 32.3
Compression

eP 19:33:33

Mar.23 1968
iP 20:04:38.5
iS 50.4
Dilatation

iP 21:50:02.6
iS 20.5
Compression

iP 23:50:31.4
iS 51:04.2
Compression

24 eP 02:14:27
eS 49

iP 05:08:40.3
eS 54
Dilatation

iP 05:31:55.6
iS 32:15.3
Compression

iP 11:54:19.3
iS 40.2
Compression

iP 12:27:38.8
iS 54.7
Dilatation

eP 14:23:36
iS 24:17.7

eP 15:20:50
iS 21:17.3

eP 16:44:51
iS 45:07.3

iP 19:18:14.6
Compresion

iP 20:27:56.3
iS 28:16.9
Compression

iP 21:09:09.5
iS 26.4
Compression

iP 22:06:16.0
iS 38.0
Compression

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PROVISIONAL READINGS AT CALAMA

Mar.25 1968
iP 04:09:15.0
iS 47.8
Compression

eP 05:06:28
iS 39.3

iP 10:47:06.3
iS 24.2
Compression

eP 11:42:36

iP 13:32:52.6
iS 33:03.5
Dilatation

eP 15:44:31
iS 42.2

eP 18:19:44

iP 18:21:03.4
iS 17.1
Compression

eP 21:17:44
iS 18:21.3

iP 21:59:47.8
iS 00:05.1
Dilatation

26 iP 00:54:26.1
iS 39.6
Compression

iP 01:00:47.7
Compression

iP 02:36:30.8
iS 50.5
Compression

eP 10:02:39
eS 56

eP 10:10:27
eS 39

iP 10:52:04.1
iS 17.9
Compression

Mar.26 1968
iP 11:33:02.0
iS 46.1

eP 16:33:40
eS 34:00

eP 16:48:28
iS 39.0

eP 18:11:02

iP 18:41:35.1
iS 39.2
Compression

eP 21:00:50
eS 01:05

eP 21:06:10
eS 31

iP 21:25:15.0
iS 35.3
Dilatation

eP 21:28:05

27 iP 01:05:08.9
iS 24.8
Compression

eP 01:47:19
eS 48:17

iP 01:55:45.6
iS 57.0
Dilatation

eP 02:10:37
eS 57

eP 06:49:26
eS 42

eP 07:03:26
iS 58.5

eP 16:48:07
eS 25

iP 17:54:35.6
iS 55:00.5
Dilatation

Mar.27 1968
eP 19:33:41
eS 34:57

iP 19:44:21.7
iS 26.8
Compression

eP 20:24.47
eS 25:08

eP 20:54:06
eS 26

eP 21:40:13

eP 22:55:16
eS 36

28 iP 00:38:13.4
iS 27.2
Compression

iP 01:26:05.0
iS 19.9
Compression

eP 02:14:05
eS 15

eP 16:29:31
eS 45

eP 20:04:59
eS 05:12

iP 22:09:56.3
iS 10:14.2
Compression

iP 23:16:09.3
iS 17:24.5
Compression

29 eP 00:07:17

eP 01:59:41
eS 00:09

iP 02:14:38.1
iS 15:02.3
Compression

iP 05:13:06.4
eS 26
Compression

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Mar.29 1968	eP	05:55:50
	eS	56:05
	eP	06:53:23
	iS	45.6
	eP	09:00:59
	eS	01:17
	iP	09:33:50.6
	Compression	
	iP	12:02:16.1
	eS	30
	Compression	
	iP	12:53:55.4
	i	54:05.7
	i	07.5
	Dilatation	
	eP	13:35:13
	eS	45
	iP	13:57:57.5
	iS	58:12.6
	Dilatation	
	eP	14:11:06
	eS	27
	iP	15:15:36.3
	iS	55.4
	Compression	
	eP	16:42:42
	eS	58
	iP	19:45:21.4
	iS	25.3
	Compression	
	iP	20:55:25.3
	iS	37.2
	Compression	
	eP	22:15:03
	iS	16.9
	eP	23:00:48
	e	01:43
	e	02:16
30	eP	00:17:54
	eS	18:06

Mar.30 1968	eP	00:26:05
	i	08.0
	i	17.8
	eP	00:32:17
	eP	01:23:32
	eS	52
	eP	01:59:23
	eS	38
	eP	02:13:57
	eP	02:53:16
	eS	29
	eP	05:58:21
	iS	33.4
	eP	08:15:51
	eS	16:09
	eP	08:59:04
	iS	00:24.0
	iP	11:44:11.2
	iS	43.8
	Dilatation	
	iP	13:06:24.1
	iS	44.2
	Dilatation	
	eP	14:22:14
	eS	39
	iP	15:46:51.2
	iS	47:01.7
	Compression	
	eP	16:57:32
	eS	49
	iP	17:17:15.0
	iS	25.4
	Dilatation	
	eP	17:35:05
	iP	18:51:26.2
	Compression	
	iP	21:46:21.7
	i	31.2
	Dilatation	

Mar.30 1968	iP	23:55:21.3
	eS	36
	Dilatation	
31	iP	00:55:35.9
	eS	56:09
	Dilatation	
	eP	01:07:38
	eS	08:09
	iP	01:53:02.3
	eS	26
	Dilatation	
	eP	04:19:46
	iS	20:06.7
	iP	04:43:57.3
	eS	44:09
	Dilatation	
	eP	04:57:04
	eS	24
	iP	05:59:03.2
	iS	21.7
	Dilatation	
	iP	06:45:21.3
	iS	39.9
	Compression	
	eP	08:43:29
	eS	41
	eP	09:01:01
	iS	28.1
	iP	16:38:30.1
	Compression	
	iP	16:43:35.5
	Compression	
	eP	19:32:19
	eS	36
	iP	19:41:20.5
	iS	33.2
	Compression	
	eP	19:50:05
	eS	37
	eP	21:05:23
	eS	43

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Mar.31 1968
eP 21:06:55
eS 07:07

eP 23:49:22
eS 35

Apr.01
iP 01:30:15.5
iS 25.6
Compression

eP 01:32:11
eS 34

iP 02:18:39.3
iS 19:49.9
Dilatation

eP 03:02:16
eS 37

eP 05:01:02
iS 15.7

eP 05:14:08
eS 22

eP 05:58:32
eS 59:04

eP 06:24:05

eP 08:44:36
iS 46.6

eP 10:33:51
eS 34:11

iP 12:02:52.9
iS 03:04.7
Compression

eP 15:19:54
eS 20:26

e(P) 16:29:48
eS 30:09.4

eP 16:38:05.7
eS 47.2

iP 18:04:33.6
iS 54.8
Compression

iP 18:11:59.2
iS 12:10.3
Compression

eP 18:31:41.6
eS 02

iP 18:33:33.1
iS 55.9
Compression

Apr.01 1968
e(P) 18:49:15
eS 50:14.4

iP 18:59:36.7
iS 54.2
Compression

eP 19:59:21
iS 39.7

eP 22:15:09
eS 24

02
iP 01:36:06.4
i 07.3
iS 43.3
Compression

eP 04:28:09
eS 28.5

iP 05:33:04.6
eS 28
Compression

iP 05:51:56.1
iS 52:05.6
Dilatation

iP 06:59:00.2
iS 12.2
Dilatation

iP 08:13:16.2
iS 26.7
Compression

iP 09:32:08.9
iS 22.2
Compression

eP 10:44:16.6
eS 50.0

iP 13:08:50.1
iS 09:00.6
Dilatation

eP 14:59:10
eS 28

iP 19:37:10.6
iS 14.3
Compression

iP 20:03:59.4
iS 04:18.3
Compression

iP 20:20:55.2
eS 21:18.0
Compression

iP 21:30:50.1
iS 31:21.3
Dilatation

Apr.02 1968
eP 23:59:37.6
iS 54.9

03
iP 02:07:08.1
iS 20.0

eP 03:00:45.4
iS 01:13.2

eP 03:48:10.4
eS 23.3

eP 05:32:31.8
eS 43.7

eP 05:34:01
iS 35.0

iP 08:51:32.9
i 52:11
Dilatation

eP 08:55:29
iS 42.4

eP 10:14:43.3
iS 58.5

eP 10:41:52.4
e 42:53.9
e 43:48.7

iP 11:46:05.5
iS 19.3
Dilatation

iP 12:53:21.2
Dilatation

iP 16:36:06.1
iS 25.0
Compression

iP 17:29:13.1
eS 30.7
Compression

iP 18:54:18.2
iS 25.0
Compression

iP 19:40:32.7
iS 54.0
Compression

eP 20:53:54.4
eS 54:14.2

04
eP 00:45:53
iS 46:15.2

iP 06:22:18.6
iS 41.6
Compression

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Apr.04 1968
iP 08:43:36.2
iS 46.9

iP 11:35:12.0
iS 29.3
Compression

eP 12:47:13.5
iS 26.4

iP 16:31:36.8
eS 01.4

iP 17:42:54.8
iS 43:15.3

iP 18:05:51.6
iS 06:26.9
Dilatation

iP 19:42:49.4
i 54.7
Compression

iP 19:46:16.7
iS 33.9
Compression

iP 22:07:14.6
iS 58.2
Compression

05 iP 01:47:10.7
iS 22.8
Compression

iP 02:13:46.7
i 58.5
Dilatation

iP 03:48:57.2
iS 49:11.7
Compression
eP 05:52:36
eS 49.4

iP 09:37:42.0
iS 51.0
Dilatation

eP 15:41:04
iS 15.8

iP 16:12:29.9
iS 41.7
Dilatation

Apr.05 1968
iP 19:37:33.9
iS 47.5
Dilatation

eP 19:44;30
e 45:12.7

iP 20:22:52.0
iS 23:02.1
Dilatation

iP 20:26:35.9
iS 38.8
Exotic Mine Explotion

eP 20:28:09
eS 28

eP 21:39:54
iS 40:09.4

eP 22:35:33
iS 36:10.8

iP 22:42:33.2
iS 51.6
Compression

06 iP 00:16:42.0
iS 53.5

eP 01:04:48.2
eS 05:05.3

iP 01:56:15.0
iS 31.6
Dilatation

iP 03:01:32.0
iS 51.5
Dilatation

iP 05:54:21.0
iS 31.6
Compression

iP 06:06:44.1
iS 07:04.4
Compression

iP 06:57:10.8
iS 32.4
Dilatation

iP 08:21:29.5
iS 41.7
Dilatation

Apr.06 1968
iP 08:43:09.5
iS 30.4
Compression

iP 13:16:04.2
iS 33.2
Dilatation

eP 13:31:17
iS 29.4

eP 14:13:26
iS 14:00.0

eP 14:14:25
iS 44.4

iP 15:43:58.6
iS 44:01.8
i 05.1
Compression

eP 16:55:14
eS 56:11

iP 16:58:13.2
iS 25.9
Compression

iP 17:13:51.6
iS 14:14.3

iP 18:26:52.9
eS 27:05
Compression

iP 19:05:47.8
iS 59.9
Compression

iP 20:00:55.0
iS 01:06.9

iP 20:52:33.1
iS 46.0
Compression

iP 21:52:25.5
eS 49.5
Dilatation

iP 22:29:14.0
iS 33.9
Compression

07 iP 01:12:13.6
eS 28.2

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Apr.07 1968
iP 03:07:02.9
iS 15.4
Dilatation

eP 04:26:41.8
iS 53.2

eP 09:47:07

iP 10:11:35.7
eS 46.8
Compression

eP 11:39:13.0
iS 34.3

eP 11:53:38
i 50.5
i 54:15.2

iP 12:40:29.6
iS 41.1
Dilatation

iP 16:00:00.0
iS 00:15.2
Dilatation

iP 16:04:24.3
iS 50.9
Compression

iP 17:43:29.9
iS 45.8
Compression

iP 17:51:52.7
iS 52:08.6
Compression

iP 19:14:13.1
eS 32.9
Compression

iP 19:50:51.1
iS 51:01.3
Dilatation

eP 19:58:56.5
iS 59:16.9

iP 21:59:09.0
iS 22.3
Dilatation

iP 22:38:47.2
eS 39:07.5
Compression

Apr.07 1968
iP 23:25:32.1
iS 45.6
Dilatation

iP 23:42:22.1
iS 52.2
Dilatation

eP 23:51:07
eS 21.5

eP 23:56:40.0
eS 51.6

08 eP 00:47:23
eS 48:45.4

eP 05:35:12
iS 27.4

iP 08:25:41.0
Dilatation

eP 17:58:21.3
iS 32.9

iP 21:28:29.4
iS 45.7
Dilatation

iP 21:40:08.8
iS 20.3
Dilatation

eP 23:58:44
eS 00:00:03.7

09 iP 00:12:18.3
iS 30.5

iP 02:51:45.0
eS 52:02.1

eP 04:36:15.7

eP 09:51:12.8
eS 33.3

iP 09:57:42.6
iS 53.9

eP 10:24:44
eS 57,4

iP 13:00:06.4
i 06.8
iS 32.1
Compression

Apr.09 1968
iP 16:28:11.8
eS 36.2
Dilatation

iP 17:18:34.1
iS 50.0
Compression

iP 18:56:55.8
iS 57:00.9
Compression

iP 19:20:35.9
iS 41.9
Compression

iP 23:05:59.2
iS 06:12.5
Compression

eP 23:27:43
eS 28:02.2

eP 23:55:00.8
iS 13.7

iP 23:57:36.3
iS 51.0
Compression

10 eP 04:17:16.3
iP 24.6

iP 08:29:30.8
iS 50.2
Compression

eP 09:01:26
iS 02:02.1

eP 10:28:39.3
iS 55.9

iP 10:33:13.6
iS 34.7
Compression

eP 10:36:24.8
iS 39.0

eP 16:35:52.6
eS 36:13.0

eP 17:31:13
eS 30.9

eP 18:05:38
eS 06:10

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Apr.10 1968
eP 19:02:06.5
iS 18.2

iP 19:07:47.6
iS 08:03.1
Dilatation

eP 19:47:11
eS 28.2

iP 22:02:56.7
iS 03:13.5
Compression

iP 22:27:17.7
iS 42.8
Dilatation

eP 23:06:18.6
i 18.9
iS 32.1

11 eP 01:03:04.3
iS 04:23.4

iP 01:06:47.5
iS 59.0
Dilatation

eP 05:10:32.0
iS 51.7

iP 05:12:01.3
eS 17.7
Compression

eP 08:04:45
eS 05:17.7

iP 08:28:03.9
iS 16.2
Compression

eP 08:45:57
iS 46:17.1

iP 08:53:40.1
iS 55.0
Dilatation

iP 11:30:47.1
eS 31:21
Dilatation

e(P) 11:40:46
eS 41:17.8

Apr.11 1968
iP 11:42:35.0
i 54.6
iS 43:05.8
i 14.2

iP 14:56:14.1
iS 34.6
Compression

iP 17:14:23.3
Dilatation

eP 18:24:48
iS 25:33.3

iP 18:31:43.7
i 32:46.5
Compression

iP 19:49:53.4
iS 50:00.5
Compression

iP 23:23:57.9
iS 24:09.4
Dilatation

12 eP 01:09:32.9
eS 10:00.1

iP 03:01:03.5
e 21.8

eP 03:55:02.5
iS 15.4

eP 08:21:38
iS 22:11.4

eP 09:45:00.6
eS 13.1

eP 10:32:37.6
iS 52.1

iP 10:52:18.5
iS 31.1
Dilatation

eP 11:16:29.5
eS 59.0

iP 13:57:13.6
iS 24.1
Dilatation

eP 13:58:14.8
iS 30.0

Apr.12 1968
iP 15:34:45.5
iS 35:04.2
Compression

eP 18:43:13.3
iS 57.5

eP 20:53:33.0
iS 54:06.1

eP 21:21:27.8
eS 43.6

eP 22:16:36.7
eS 57.9

eP 01:27:08
iS 28.0

13 iP 01:49:04.2
eS 23.6
Dilatation

eP 02:35:46
eS 36:05.6

iP 02:55:28.3
iS 49.1
Compression

iP 03:50:51.2
eS 51:12.9
Dilatation

iP 08:26:05.1
iS 26.7
Compression

iP 13:17:08.3
iS 18.1
Dilatation

eP 16:38:36.0
eS 39:27.5

iP 17:01:36.9
iS 48.5
Compression

eP 20:07:49.4
eS 08:25.5

eP 23:49:09.3
iS 24.6

14 iP 00:12:31.7
iS 43.3
Compression

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Apr.14 1968
iP 01:33:59.0
iS 34:32.1
Dilatation

iP 02:11:46.6
iS 58.8
Dilatation

eP 03:25:30
eS 47.1

iP 03:29:04.1
iS 29.3
Compression

iP 06:40:37.5
iS 57.1
Compression

iP 06:49:58.9
iS 50:14.4
Compression

iP 07:57:58.1
iS 58:16.9
Compression

iP 09:39:46.6
iS 40:59.1
Dilatation

iP 10:27:05.8
i 06.1
iS 40.5
Compression

iP 12:41:08.7
iS 20.4
Dilatation

iP 13:07:09.3
iS 23.8

iP 13:20:32.9
iS 45.0

iP 15:24:36.7
iS 52.5
Dilatation

iP 16:44:52.8
iS 45:27.9
Compression

iP 17:06:55.1
eS 07:27.0
Dilatation

Apr.15 1968
iP 08:19:33.3
iS 57.2
Compression

iP 08:50:43.5
iS 51:04.6
Compression

iP 09:33:38.5
eS 34:11.0
Compression

eP 15:36:46
iS 37:05.4

eP 15:54:09
iS 38.0

16 eP 17:57:35.6
iS 54.1

iP 19:27:26.0
iS 30.1
Compression

iP 20:40:37.5
iS 51.5
Dilatation

eP 21:04:57.6
iS 05:21.0

eP 21:07:32
eS 08:23.2

eP 23:33:32
i 45.0
eS 34:00.4

17 iP 00:05:27.0
eS 37
Dilatation

eP 01:24:37
eS 25:01.2

eP 01:32:23.3
eS 39.5

iP 03:28:23.0
iS 36.8
Compression

iP 04:44:11.6
e(S) 32
Dilatation

Apr.17 1968
eP 06:16:28.0
eS 43.9

iP 06:22:29.5
iS 42.4
Compression

iP 06:41:34.7
e(S) 42:09
Dilatation

iP 07:04:18.0
iS 26.1
Compression

iP 11:56:16.8
i 18.7
iS 28
Compression

iP 13:40:56.9
iS 41:12.6
Dilatation

iP 14:32:28.7
iS 43.5
Compression

eP 16:27:07
eS 27

iP 16:53:03.9
iS 20.7
Dilatation

iP 17:51:59.3
iS 52:14.0
Compression

eP 17:56:00.6
iS 13.3

iP 18:47:18.5
iS 22.2
Compression

iP 19:45:53.3
iS 59.2
Compression

18 iP 00:00:29.7
i 30.2
iS 01:01.4
Compression

iP 00:19:00.9
iS 14.2
Compression

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Apr.18 1968
eP 04:36:52
eS 37:19

eP 07:02:12.6
eS 32.1

eP 07:50:56
iS 51:06.3

eP 08:54:00.8
eS 20

eP 14:53:15.7
iS 29.3

iP 15:47:36.2
iS 47.6
Dilatation

iP 18:34:14.1
eS 31.1
Compression

iP 19:48:43.8
iS 47.3
Compression

iP 20:18:36.7
iS 19:00.6
Compression

eP 23:34:53
eS 35:12.3

19 iP 00:06:09.0
iS 21.1
Compression

iP 01:20:03.2
eS 40
Compression

eP 02:15:52.6
iS 16:18.2

iP 02:40:28.1
iS 41.3
Compression

iP 02:52:28.4
eS 53:03.5
Dilatation

eP 04:51:09.4
i 36.7
i 54.3

Apr.19 1968
iP 06:51:24.1
iS 44.6
Compression

iP 07:27:19.3
iS 35.3
Dilatation

iP 11:42:44.2
iS 43:04.5
Dilatation

iP 12:13:28.7
iS 39.9
Compression

eP 12:49:29.1
eS 50:02.7

iP 17:10:50.6
iS 11:09.5
Compression

eP 17:42:11.5
iS 27.8

iP 19:32:42.5
eS 33:05.8

e(P) 19:41:24
eS 43.8

eP 23:31:30
iS 32;10.2

20 eP 00:26:35.8
iS 04.2

eP 00:50:03.1
iS 19.8

e(P) 03:49:02
eS 24.2

eP 04:48:31
eS 49:03.9

eP 05:11:12.2
eS 31.0

eP 07:38:10.9
iS 22.9

eP 08:35:26.1
i 29.5
iS 47.6

Apr.20 1968
iP 09:19:46.9
iS 20:08.9
Compression

eP 10:02:23.0
i 23.6

iP 10:12:39.6
Compression

eP 11:32:07.0
iS 25.7

eP 11:58:35.6
iS 59:02.6

iP 13:54:48.3
iS 55:08.7
Compression

iP 15:59:54.5
iS 59.9
Compression

iP 17:00:01.0
eS 26.9
Compression

eP 17:31:56.0
eS 32:17

iP 18:52:35.1
iS 41.3
Compression

eP 21:27:00
iS 11.6

eP 22:46:07
eS 33

iP 23:07:15.1
iS 46.6
Compression

21 eP 00:06:16.6
eS 33.6

iP 02:43:16.5
iS 37.1

iP 03:51:19.0
eS 37.4
Compression

iP 04:21:51.1
iS 22:05.6
Compression

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Apr.21 1968
iP 05:05:03.6
Dilatation

eP 05:55:39
eS 56:00.6

iP 06:25:39.4
iS 50.8
Compression

iP 09:25:05.8
i 13.1
Compression

eP 10:10:59.6
iS 11:30.9

iP 11:03:33.3
eS 04:06

iP 12:18:20.9
iS 53.4
Compression

iP 12:51:54.3
iS 52:07.4
Compression

e(P) 14:54:06
eS 24.0

iP 16:22:35.9
iS 23:05.8
Dilatation

iP 19:44:43.8
iS 45:18.2
Compression

iP 19:48:40.3
iS 49:17.9
Compression

eP 20:33:10
iS 42.9

eP 22:12:08.3
iS 13:16.3

22 iP 00:07:22.4
iS 42.9
Compression

eP 00:27:47
eS 28:51.3

Apr.22 1968
iP 01:36:28.8
iS 48.4
Compression

iP 01:38:04.3
iS 38.1
Dilatation

eP 01:56:07.8
eS 27.6

eP 02:07:10
eS 39

eP 03:33:10.7
eS 28.9

iP 03:34:47.5
iS 35:03.7
Dilatation

iP 07:24:44.7
iS 57.6
Compression

eP 07:35:43
iS 36:05.4

eP 07:55:02.6
eS 36.3

iP 10:11:54.3
iS 12:05.1
Dilatation

iP 11:43:41.7
iS 44:03.8

iP 17:16:09.3
iS 20.6
Dilatation

iP 19:48:00.2
i 03.2
Compression

iP 20:09:55.0
eS 10:14.8

eP 20:41:39.4
iS 42:14.1

eP 21:18:11.0
eS 32.1

eP 21:57:26
eS 58:03.9

Apr.22 1968
eP 23:31:26
eS 39

eP 23:58:34.0
iS 50.8

23 iP 04:22:24.7
iS 39.8
Compression

iP 05:18:51.9
eS 19:11.4
Dilatation

eP 05:48:58.6
eS 49:20

eP 08:08:13.5
eS 49

eP 11:36:32
iS 52.4

eP 14:19:55
iS 20:06.8

iP 18:31:05.5
iS 09.0
Compression

iP 18:52:49.6
iS 53:06.4
Compression

iP 21:09:51.4
eS 10:03
Compression

eP 21:31:15
eS 33

24 eP 01:19:43
eS 54

iP 07:07:25.3
iS 46.9
Compression

iP 07:42:04.4
iS 22.0
Compression

eP 11:57:22
eS 36

iP 12:23:03.0
iS 26.7
Compression

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Apr.24 1968
iP 12:42:46.9
iS 43:20.7
Dilatation

eP 14:01:17
i 23

eP 15:11:49
eS 12:09

eP 18:06:11
eS 39

eP 19:20:28
iS 46.5

iP 19:44:32.4
Compression

eP 23:17:56

25 eP 03:10:22.0
eS 10:45

eP 03:49:51.7
eS 50:02

eP 04:57:34.3
iS 58:07.0

iP 05:12:56.4
iS 13:17.3
Compression

iP 05:23:07.7
iS 23.8
Dilatation

iP 06:23:21.0
iS 33.1
Dilatation

eP 06:54:23
eS 36

iP 06:59:59.2
iS 07:00:18.7
Compression

eP 07:23:43.7
eS 03.5

eP 11:19:07
eS 26

eP 12:20:02.5
eS 21

eP 13:54:10
i 16.8
i 56:10.4

Apr.25 1968
eP 14:45:17
i 52

eP 15:24:52
eS 25:12

eP 15:51:25

eP 16:48:29
eS 45

iP 18:14:45.5
iS 58
Compression

eP 19:39:20
i 23

eP 20:26:07

iP 23:10:04.8
iS 20.1
Dilatation

26 eP 00:13:34
iS 46.2

eP 02:01:44
iS 57.1

eP 02:30:22
i 31:11

eP 05:44:40
iS 50.3
Compression

iP 09:22:20
iS 38.6
Compression

eP 10:16:55
eS 17:18

iP 11:45:07.3
eS 28
Dilatation

eP 11:56:40
i 40.9
i 55.0
iS 58:06.3

eP 12:44:10
eS 21

eP 14:43:48
eS 44:15

eP 17:17:12
iS 37.3

Apr.27 1968
iP 03:17:38.9
iS 50.2
Dilatation

eP 04:05:40
eS 52

eP 05:21:40
iS 22:08.7

iP 08:57:44.8
Dilatation

eP 09:58:15.8
eS 37

eP 15:27:18
iS 48

eP 15:29:56
iS 30:08.8

iP 15:53:44.1
eS 56
Compression

eP 17:27:29
eS 40

iP 19:44:04.2
iS 31.2
Dilatation

eP 19:45:19
iS 24.1

iP 19:54:47.4
iS 51.1
Compression

iP 22:35:16.3
Compression

eP 23:30:18
eS 35

28 iP 00:29:07.2
Dilatation

iP 00:36:04.7
iS 17,5

iP 01:22:09.4
iS 25.0
Dilatation

eP 02:06:41
eS 07:08

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Apr. 28 1968
iP 03:05:28.0
iS 47.6
Compression

eP 03:58:26.5
iS 40.0

iP 04:24:44.3
iS 25:06
Dilatation

eP 05:30:35
eS 51

iP 05:39:00
iS 32.6

eP 05:41:19
i 39.6
i 55.0

eP 08:57:07
eS 27

eP 09:39:19
iS 39.1

eP 09:47:28
eS 30

eP 13:12:34
i 13:00.2
e 20.0

iP 13:54:18.2
iS 32.5

eP 14;03:56
eS 04:09

iP 20:09:40.5
iS 51

29 iP 01:06:44.9
iS 55.3
Dilatation

iP 04:20:04.0
iS 23

eP 04:42:24.1

iP 07:07:15.2
iS 31.2
Dilatation

eP 08:50:24.3
iS 36.9

Apr. 29 1968
eP 11:41:49
eS 42:12

eP 12:42:47
iS 43:18

iP 13:11:28.5
eS 40
Compression

eP 15:27:30
eS 47

iP 16:00:45.5
iS 56.4
Dilatation

iP 17:54:53.0
iS 55:10.0

iP 18:55:49.3
iS 56:02.3
Compression

iP 20:00:54.2
iS 01:10.8
Compression

eP 22:31:36

iP 22:39:56.1
iS 40:16.6

iP 23:57:09.5
iS 24.1
Compression

30 iP 00:20:50.5
iS 21:04.5

eP 02:56:19.6
iS 36.0

eP 03:00:40
eS 52

iP 04:25:47.8
iS 26:03.7

eP 04:53:24
iS 43.4

iP 06:02:49.1
iS 56
Compression

Apr. 30 1968
iP 10:11:23.0
eS 33
Dilatation

eP 10:27:14
eS 28:06

iP 11:38:01.6
iS 34.2
Compression

iP 15:47:36.5
iS 58.7
Compression

iP 15:52:42.0
Compression

iP 16:34:56.7
iS 35:14.2
Compression

eP 18:03:32
eS 46

eP 23:54:55
i 55:05.7
i 41.3

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IMPRESO ORDINARIO

22 OCT 1971

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PROVISIONAL READINGS AT CALAMA
22°28'47.5" S 69°01'34.0" W h 2.000 m

May.01 1968
eP 01:57:56
eS 58:27

eP 03:18:53
i 19:06.8

eP 05:41:32.8
iS 51.8

eP 07:31:20
iS 35.5

iP 15:00:51.1
eS 01:10

iP 18:57:51.5
iS 58:12.9
Compression

eP 21:47:03
eS 15

iP 22:06:47.5
eS 07:10.6

iP 23:15:02.2
eS 22

iP 23:55:31.6
i 51.9
Compression

02 eP 01:24:34.4
iS 54.1

eP 02:42:30
iS 58.6

eP 03:46:10
iS 27.6

iP 04:30:05.3
iS 19.5
Dilatation

eP 05:48:11
iS 27.9

iP 07:12:32.4
eS 50.7
Dilatation

iP 07:29:03.1
iS 22.5
Compression

May.02 1968
iP 09:38:32.4
iS 52.1

iP 10:08:12.6
iS 30.4
Compression

eP 10:50:52
eS 51:12.6

eP 12:20:32
eS 53

eP 14:23:51
iS 24:06.1

iP 15:41:16.2
iS 28.3
Dilatation

eP 17:08:52
iS 09:07.6

eP 17:17:33
eS 36

iP 18:22:20.9
iS 32.1
Dilatation

iP 19:49:17.6
i 21
Compression

03 iP 00:18:32.4
Compression

e(P) 01:06:42.6
e(S) 57.8

iP 03:00:14.0
eS 35
Compression

iP 04:07:39.9
iS 54.9
Compression

eP 04:46:14
eS 47:07

eP 07:47:40.3
iS 55.4

May.03 1968
iP 11:59:29.5
iS 46.9
Compression

eP 12:16:36
i 42.9
i 54.8

iP 12:45:46.1
iS 46:17.4
Compression

eP 17:49:43
iS 50:10.6

iP 19:17:57.9
eS 18:12
Compression

eP 19:41:56
eS 42:15

iP 19:46:33.2
Compression

eP 21:07:10
eS 21.0

eP 21:57:51.7
eS 58:07

eP 23:59:19
eS 37

04 iP 00:54:00.2
iS 21.3
Compression

iP 01:14:25.1
iS 41.5

iP 02:37:16.0
eS 37
Compression

eP 03:55:47
iS 58.7

iP 05:26:18.3
Dilatation

eP 06:25:13.4
i 26:05.3

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May.04 1968
iP 13:21:16.5
eS 28
Dilatation

eP 14:54:04
eS 17

eP 15:59:55
eS 00:30

eP 17:01:47.8
iS 02:12.6

iP 17:59:01.1
iS 20.4

eP 18:40:18
eS 59

iP 19:46:49.9
iS 53.8
Compression

iP 20:11:45.3
iS 12:04.3
Compression

05 eP 01:50:27.5
i 42.9

eP 04:42:45
eS 43:02

iP 07:32:30.7
iS 52.4
Compression

iP 09:19:59.7
eS 20:23

eP 10:27:04.2
i 21.7

eP 11:03:15.5
eS 36

iP 11:30:53.9
eS 31:15
Compression

iP 13:43:03.2
iS 15.1
Compression

iP 13:53;47.6
eS 54:12
Compresion

eP 16:23:05.4

May.05 1968
eP 16:46:32
iS 53.8

eP 19:06:50
eS 07:12

iP 20:40:00.5
eS 20
Dilatation

06 iP 05:56:26.3
eS 45
Dilatation

iP 07:00:33.2
i 44.1
i 49.5

eP 08:55:50
eS 56:05

eP 10:08:09
i 29

eP 10:52:41
iS 53:09.7

iP 18:00:08.4
iS 27.7
Compression

iP 18:01:40.0
eS 50.7
Dilatation

eP 19:05:42
eS 06:14

eP 19:12:37
eS 56

07 eP 03:04:19.4
iS 49.2

iP 16:15:00.7
Dilatation

eP 17:33:24
eS 38

eP 17:47:25
iS 41.3

iP 19:50:27.3
i 31.1
Compression

eP 20:12:00
iS 27.5

May.07 1968
eP 21:22:25
eS 42

08 eP 00:03:43.2
eS 54

eP 01:54:06
iS 21.1

iP 15:05:46.1
iS 06:04.8
Compression

eP 17:16:16.0
iS 30.6

eP 17:50:19
eS 42

eP 18:15:23
eS 51.0

eP 21:09:44
eS 10:14

eP 22:14:30
eS 53

09 iP 04:27:47.2
iP 47.5
iS 28:11.1

eP 05:42:56
eS 43:08

eP 08:43:42.5
eS 44:06.3

iP 09:53:40.3
eS 54:03.6

iP 11:50:49.5
iS 59.0
Compression

iP 12:04:36.4
iS 55.8
Compression

iP 17:35:27.9
iS 52.3

eP 18:33:33.6
iS 34:07.2

eP 19:46:31
i 33.7

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May.09 1968
iP 20:44:59.4
iS 45:17.3
Dilatation

iP 20:53:43.9
iS 56.5

iP 21:37:38.4
iS 57.7
Dilatation

iP 22:39:39.7
iS 59.9
Compression

iP 23:47:30.1
iS 48.7
Dilatation

10 iP 02:48:08.2
iS 22.6
Dilatation

eP 03:55:02
iS 21.4

iP 07:34:05.9
eS 30

eP 16:59:30
eS 41

iP 19:21:37.4
iS 43.6
Compression

iP 19:34:29.4
i 37.9
Compression

iP 19:38:52.7
iS 39:04.9
Dilatation

eP 21:13:55
eS 14:21

iP 22:41:15.1
eS 27

11 eP 01:05:57.0
iS 06:11.9

iP 05:13:10.8
iS 26.6
Compression

iP 05:28:41.8
iS 29:54.4

May.11 1968
eP 06:11:39.4
eS 12:13

iP 07:40:45.4
iS 59.9
Dilatation

iP 13:32:08.6
iS 33:46.7

iP 15:00:32.5
iS 01:54.1

eP 21:14:14
eS 29

12 eP 01:04:50
eS 05:13

iP 04:56:49.4
iS 57:09.6
Dilatation

eP 06:32:50.6
eS 33:01.5

eP 07:08:51.7
eS 09:24.5

eP 10:48:07,4
iS 28.3

iP 10:56:21.5
i 38.8

eP 11:43:35.4
iS 54.3

eP 14:55:35
eS 56:15

eP 17:08:29
eS 41

eP 21:09:47.5
iS 10:05.1

iP 21:11:30.7
iS 42.7
Compression

eP 23:45:46.1
iS 46:07.5

13 iP 00:34:37.1
eS 47
Dilatation

iP 02:30:34.5
iS 53.5
Compression

May.13 1968
iP 02:51:37.2
eS 52.6
Compression

iP 06:08:59.9
i 09:30.3

eP 08:22:38
eS 23:11

iP 09:01:00.1
eS 16
Compression

iP 12:48:46.7
iS 49:06.6

iP 16:48:34.4
iS 50.7
Dilatation

iP 17:23:36.7
iS 55.2
Dilatation

iP 19:22:28.5
iS 40.4
Dilatation

iP 20:57:30.8
iS 51.8

14 eP 02:31:16
eS 49

eP 04:42:05
eS 19

eP 05:11:46
iP 53.2
i 12:39.2

iP 06:26:01.8
iS 20.9
Dilatation

eP 08:08:34
eS 56

eP 16:12:27
eS 13:17

eP 16:39:06
eS 25

eP 22:37:01
iS 21.0

eP 23:28:27
eS 43

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May.15 1968
eP 03:46:30
iS 49.5

iP 05:18:01
e 52

eP 05:37:20
i 31.4

iP 07:26:18.8
iS 46.8

eP 07:29:02
iS 25.2

iP 07:40:53.7
eS 41:09

iP 09:49:37.2
iS 50:00.1

iP 13:53:34.2
iS 46.5
Compression

eP 15:58:13
e 47.5

eP 17:29:27
eS 48

17 eP 19:33:10
iS 26.4

iP 21:17:16.1
eS 26
Dilatation

18 iP 02:45:00.7
iS 16.4
Dilatation

iP 09:59:51.7

iP 17:50:43.8
eS 51:03.4

19 iP 02:02:20.5
iS 32.2
Compression

iP 02:08:51.5
iS 09:09.0
Compression

eP 04:04:57
eS 05:23

May.19 1968
iP 05:11:26.1
iS 45.2
Compression

iP 05:44:28.5
eS 42
Compression

iP 10:20:27.7
iS 47.0
Compression

iP 14:49:23.3
iS 34.0
Compression

iP 15:10:50.8
eS 11:22

iP 17:56:14.9
eS 35
Compression

eP 19:05:38
eS 54

iP 19:39:37.3
iS 49.9
Compression

eP 21:15:05

iP 22:08:20.2
iS 36.3
Dilatation

21 iP 03:57:00.2
eS 13

iP 04:43:06.3
eS 44:00.2

iP 05:37:06.5
iS 20.1
Compression

eP 07:15:53
iS 16:10.1

eP 08:25:20
eS 48.5

eP 08:26:06
i 27.7

eP 09:32:04

May.21 1968
iP 12:52:06.2
iS 24.2
Dilatation

eP 13:16:57
iP 57.4
iS 17:32.7

iP 14:15:25.7
eS 39

eP 14:46:47
eS 48:09

iP 17:19:15.9
iS 27.8
Compression

iP 18:48:33.0
iS 50.5
Compression

iP 19:25:59.3
eS 26:20

22 iP 02:29:20.2
eS 54

iP 03:36:24.8
iS 56.7

iP 04:16:57.6
eS 17:20.3

iP 05:45:22.3
iS 39.9

iP 06:31:41.0
i 51.8
Compression

iP 07:03:56.2
iS 04:17.6
Compression

iP 08:25:40.7
iS 50.9
Dilatation

iP 08:40:55.4
eS 41:07

iP 16:07:49.4
iS 08:04.6
Dilatation

iP 17:27:50.8
eS 28:24
Dilatation

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May.22 1968	eP	18:15:10	
	iP	19:28:21.3	
	iS	36.9	
	iP	22:56:12.5	
	iS	25.4	
	eP	23:05:28	
	eS	48.5	
23	iP	00:08:09.1	
	eS	41.0	
	Dilatation		
	iP	01:31:59.8	
	eS	32:53.9	
	eP	06:34:11	
	e	35:18	
	iP	09:58:43.8	
	iS	59:04.3	
	Compression		
	iP	11:11:47.6	
	eS	12:09.9	
	iP	12:44:26.0	
	Compression		
	iP	14:44:35.4	
	eS	47.9	
	iP	16:01:45.6	
	iS	56.4	
	Dilatation		
	iP	17:08:54.9	
	iS	09:15.8	
	Compression		
	iP	19:43:00.6	
	iS	15.8	
	Compression		
	iP	23:09:13.5	
	iS	30.3	
24	iP	05:24:07.6	
	iS	20.5	
	iP	09:14:46.5	
	eS	15:12.8	
	iP	10:29:44.2	
	iS	59.2	
	Dilatation		
May.24 1968	eP	16:02:35	
	i	40.5	
	iP	16:21:41.1	
	iP	23:08:21.3	
	iS	35.3	
	iP	23:49:09.4	
	iS	28.7	
	Dilatation		
25	iP	04:00:45.1	
	Dilatation		
	eP	07:29:19	
	eS	52.4	
	iP	10:36:32.6	
	iS	45.4	
	Compression		
	eP	11:01:02	
	eS	15.6	
	iP	12:48:50.8	
	e	49:23	
	Dilatation		
	eP	13:14:27	
	eS	48	
	iP	14:49:53.1	
	iS	50:03.7	
	Dilatation		
	eP	16:27:32	
	eS	48.5	
	iP	16:56:10.3	
	i	20.1	
	Dilatation		
	iP	16:58:12.7	
	iS	24.0	
	iP	18:29:30.0	
	eS	50	
	Compression		
	iP	20:17:23.1	
	iS	44.4	
	Compression		
	iP	21:12:25.0	
	e	13:12	
	Compression		
May.25 1968	iP	21:45:45.6	
	i	59.8	
	Compression		
26	iP	00:33:44.6	
	iS	58.8	
	iP	04:38:19.5	
	iS	38.9	
	Dilatation		
	eP	04:59:35	
	eS	53	
	eP	05:34:12	
	eS	26.5	
	iP	06:53:51.8	
	iS	54:07.4	
	Dilatation		
	iP	10:15:00.4	
	iS	21.1	
	iP	12:42:08	
	eS	19	
	eP	13:48:09	
	eS	26	
	eP	14:27:59	
	eS	28:32	
	iP	14:29:06.8	
	i	10.4	
	Compression		
	iP	16:23:28.7	
	Dilatation		
	eP	16:38:01	
	e	04	
	eP	23:00:31	
	iS	50.2	
	eP	23:47:05	
	eS	27	
27	eP	02:33:29	
	eP	02:43:20	
	iS	34.6	
	eP	04:41:04	
	eS	29	

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May.27 1968
iP 05:57:00.9
iS 19.5
Dilatation

eP 06:13:27
e 14:00

eP 07:00:10

iP 07:07:54.7
e 08:04
iS 16.6
Compression

eP 07:25:57
e 27:10

iP 09:43:09.1
i 22.1
Dilatation

eP 11:15:23
e 50

iP 13:02:36.4
i 47.7
Compression

eP 17:03:41
iP 42.4
iS 04:05.5

iP 18:13:14.6
Compression

eP 19:29:30
iS 44.7

iP 19:34:59.9
iS 35:03.1
Compression

iP 21:19:41.3
i 55.9
Compression

28 iP 03:36:14.5
eS 48.5

iP 07:15:10.5
iS 21.8
Compression

eP 07:25:46
iS 26:06.2

May.28 1968
eP 07:43:46
eS 44:03

eP 08:07:54
eS 08:13

eP 09:38:25
eS 45

iP 11:23:40.5
iS 24:01.4
Compression

eP 13:46:44
e 47:04

iP 15:29:39.6
e 30:14

eP 16:18:42

iP 17:46:58.3

eP 17:59:11
iS 44.3

iP 19:46:02.2
iS 07.7
Compression

29 iP 00:55:57.3
iS 56:09.9

eP 02:47:20
eS 33

iP 03:36:33.5
iS 51.4
Compression

eP 04:36:26
eS 45

eP 04:44:53
i 45:12.9
i 24.1

iP 05:08:05.0
iS 22.7
Compression

iP 06:09:18.1
i(S) 30.3
Compression

iP 06:49:02.5
iS 34.2

May.29 1968
iP 07:08:01.4
eS 18
Compression

iP 12:44:57.3
iS 45:10.9
Compression

eP 13:00:33
iP 33.8
iS 01:06.4

iP 14:34:19.6
iS 41.5
Compression

eP 14:51:21
iS 49.0

eP 15:17:11

eP 15:41:16
eS 32

eP 17:08:59
eS 09:30

iP 18:37:21.6
iS 37.8

iP 18:54:45.1
iS 49.3
Compression

iP 19:10:43.4
eS 11:04

iP 19:58:50.8
iS 55.4
Compression

eP 20:56:45
iS 58.3

iP 23:03:30.4
iS 41.7
Dilation

iP 23:04:55.8
iS 05:06.6
Compression

30 iP 00:45:43.4
iS 56.7

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May.30 iP 02:14:12.3
1968 iS 41.0
Dilatation

eP 03:02:17
iS 33.8

eP 04:44:12
eS 26

eP 05:30:03
eS 28

eP 08:25:10
eS 26:18

iP 09:54:59.1
iS 55:10.1
Dilatation

iP 11:36:58.5
iS 37:18.4
Dilatation

iP 11:48:12.0
e 37

eP 12:04:24
eS 37

iP 14:31:12.1
eS 34
Dilatation

eP 15:11:16
eS 12:02.4

iP 15:42:34.7
eS 57.5

iP 15:52:57.6
iS 53:15.8
Compression

iP 17:21:07.7
iS 19.9

iP 19:24:34.6
iS 55.7

iP 19:46:03.0
i 08.3
Compression

eP 20:20:36

May.30 iP 21:25:47.8
1968 iS 26:10.7

iP 03:47:23.9
iS 38.1
Compression

iP 04:04:00.4
iS 09.3
Compression

eP 04:49:10
iS 22.4

iP 06:10:30.6
iS 43.1
Dilatation

iP 06:54:00.7
i 13.5
Dilatation

eP 12:28:27
eS 45

iP 15:37:51.1
Dilatation

eP 19:44:07

Jun.01 eP 02:10:07

iP 02:58:53.2
iS 59:12.5
Compression

iP 04:53:06.4
eS 27

iP 06:24:55.7
iS 25:13.6
Dilatation

eP 09:07:35
eS 08:02

eP 11:21:40
i 52.4

eP 12:55:06
eS 24

eP 14:46:56
iS 47:08.2

Jun.01 eP 17:33:24
1968 eS 38

02 iP 00:08:36.9
i 50.6
Compression

iP 00:44:29.5
eS 50

eP 02:03:05
eS 26

eP 06:18:09
eS 27

iP 06:46:12.7
iS 31.2
Compression

eP 06:53:42
eS 54:04

iP 08:56:33.3
eS 52

eP 09:07:41
eS 58

eP 11:42:44
e 44:15

eP 13:16:11
i 47.1

eP 13:51:51
iP 51.4
iS 52:24.6

eP 15:14:15
eS 49

eP 17:48:09
eS 34

eP 18:14:14
eS 25

iP 18:25:47.2
iS 26:12.9
Dilatation

eP 21:10:30
eS 50.5

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Jun.02 1968
eP 23:58:11
eS 34

03
iP 01:16:36.5
iS 55.1

eP 01:26:30
eS 51

iP 03:53:22.5
eS 40

iP 04:41:42.5
eS 42:02

iP 05:56:25.3
eS 41

iP 06:52:49.9
iS 53:21.2
Compression

iP 07:02:54.3

eP 09:54:13
eS 38

iP 12:16:50.4
eS 17:09

eP 12:25:11
eS 35.5

iP 15:17:08.2
iS 27.4
Compression

eP 15:47:32

iP 19:44:10.3
iS 15.2
Compression

04
iP 01:12:27,3
iS 41.1
Compression

eP 03:25:16
eS 34

iP 03:47:05.1
eS 22
Compression

eP 04:09:41
eS 10:04

Jun.04 1968
iP 07:38:09.9
iS 22.1
Dilatation

eP 09:32:58

iP 11:30:41.0
iS 55.2
Dilatation

iP 16:07:15.6
eS 31

iP 19:41:01.5
i 06.4
i 10.9
Compression

iP 19:42:15.5
iS 31.4
Compression

iP 20:00:28.9
iS 42.8
Dilatation

eP 20:15:00
eS 16

eP 22:19:45
eS 20:06

eP 22:40:40

05
iP 00:22:49.4
e 23:16

iP 00:28:39.4
Compression

iP 00:33:38.9

eP 00:41:58
e 42:32

iP 03:30:32.6
Dilatation

iP 03:39:05.4
Compression

eP 05:43:02
iS 22.9

iP 08:05:43.0
iS 06:00.9
Dilatation

Jun.05 1968
iP 10:24:48.3
eS 25:05

eP 18:16:41
iS 57.5

eP 19:04:39
eS 05:12

iP 19:35:24.5
Compression

06
iP 00:14:55.5
eS 15:14.2
Dilatation

iP 03:31:30.6
iS 32:10.3
Dilatation

iP 06:39:26.2
eS 59.7

iP 06:59:10.9
eS 20.0

iP 07:11:19.6
Compression

eP 08:00:44
eS 01:00.3

eP 09:23:06
eS 38.2

iP 14:25:11.0
eS 24.2

iP 14:27:05.2
eS 33.4

iP 16:10:45.4
eS 11:16.9

iP 19:30:30.0
eS 41.3

iP 19:42:11.6
iS 15.2
Compression

07
iP 22:41:22.5
iS 36.4
Compresion

iP 23:02:53.1
eS 03:11.8

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Jun.08 1968	iP	00:03:55.0
	eS	04:15.6
	iP	02:54:48.4
	eS	55:02.2
	iP	04:31:57.1
	iS	32:30.5
	iP	04:36:05.6
	eS	17.1
	iP	05:24:13.4
	eS	33.6
	iP	05:39:57.9
	eS	58:08.2
	iP	07:06:49.4
	iS	07:08.5
	Compression	
	iP	10:03:19.8
	eS	33.1
	iP	11:32:45.4
	eS	17.6
	iP	13:18:57.0
	iS	19:13.7
	iP	15:07:18.0
	eS	31.0
	iP	15:24:56.2
	eS	25:14.8
	iP	15:45:15.5
	iS	47.8
	Dilatation	
	iP	17:10:37.3
	eS	11:11.2
	iP	17:41:18.7
	eS	52.3
	iP	19:44:54.1
	iS	57.3
	Compression	
	iP	20:18:13.9
	eS	39:42.9
	iP	22:03:10.7
	eS	23.9

Jun.09 1968	iP	00:01:40.8
	eS	02:12.5
	iP	00:08:46.4
	eS	57.2
	iP	01:23:32.0
	iS	47.1
	iP	01:25:59.4
	Dilatation	
	iP	02:18:23.6
	eS	51.7
	iP	02:35:19.9
	eS	36:20.5
	iP	05:28:40.5
	eS	54.7
	iP	09:22:44.1
	eS	23:05.8
	Dilatation	
	iP	13:57:10.5
	eS	28.4
	iP	14:21:50.0
	eS	22:03.9
	Compression	
	iP	15:25:59.7
	eS	26:10.8
	iP	16:16:54.5
	eS	17:22.7
	iP	17:55:59.0
	eS	56:14.3
	iP	18:30:43.6
	eS	31:02.9
	iP	19:30:45.0
	iS	31:09.6
	iP	22:11:25.2
	eS	45.0
	iP	22:14:22.3
	eS	15:02.3
10	iP	04:44:13.1
	eS	38.7

Jun.10 1968	iP	06:29:02.1
	eS	14.2
	Dilatation	
	iP	07:34:00.1
	eS	25.5
	iP	08:13:59.7
	eS	14:37.4
	iP	09:55:53.0
	eS	56:04.0
	iP	10:26:30.9
	eS	49.8
	iP	12:15:12.8
	eS	37.6
	iP	12:43:41.5
	iS	44:07.6
	iP	14:48:24.1
	iS	44.4
	iP	16:46:08,2
	eS	30.3
	iP	18:36:18.3
	eS	38.2
	iP	19:46:50.0
	Compression	
	iP	19:42:49.2
	iS	43:21.9
	iP	21:48:34.1
	eS	56.0
11	iP	00:12:17.8
	iS	32.6
	Compression	
	iP	01:09:20.5
	iS	31.4
	i	54.2
	eP	01:44:45
	eS	31.4
	iP	03:26:41.8
	iS	56.6
	iP	04:39:21.0

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Jun.11 1968
iP 06:05:22.4
eS 36.1

iP 07:18:49.9
eS 19:38.2

iP 11:39:22.8
Dilatation

iP 14:24:42.5
eS 56.9

iP 15:31:19.2
Dilatation

iP 17:21:27.8
eS 33.6
e 22:07.7

iP 19:06:47.6
eS 19.4

iP 19:45:51.1
eS 46:11.1

iP 19:48:34.9
iS 54.9
Compression

iP 20:52:38.4
eS 47.7

iP 21:05:11.6
eS 33.8
Compression

iP 21:06:57.5
eS 07:12.1

iP 22:23:04.3
eS 23.2

12 iP 03:52:24.6
eS 36.7

iP 06:11:28.8
eS 42.6

iP 08:39:34.7
eS 40:02.4

iP 09:24:14.1
eS 50.8

iP 10:51:09.5

iP 12:24:25.2
Compression

Jun.12 1968
iP 12:24:25.2
Compression

iP 13:19:20.6
Compression

eP 14:01:35

iP 14:19:27.2

iP 14:47:39.3
Compression

iP 14:53:19.1
eS 42.3
Compression

iP 15:26:48.9
Compression

iP 17:03:05.5
eS 17.4

iP 18:35:22.4
eS 35.7

iP 19:40:58.5
eS 41:30.7

iP 23:15:00.4
iS 22.4
Compression

13 iP 00:15:52.2
eS 16:04.5
Dilatation

iP 02:42:49.1
iS 21.0
Compression

iP 03:00:30.7
eS 01:17.4

iP 03:33:29.1
eS 49.3

iP 05:00:43.4
iS 56.9

iP 10:34:08.4
eS 26.6

iP 11:21:46.6
iS 22:04.9
Compression

Jun.13 1968
iP 11:45:23.5
eS 33.4

iP 12:11:01.9
eS 21.1
Compression

iP 14:40:48.1
iS 41:11.1

iP 15:13:45.7
iS 14:00.1

iP 18:28:11.7
iS 49.2
Compression

iP 19:47:00.1
iS 19.2

iP 22:18:58.5
iS 19:15.9
Dilatation

14 iP 00:02:27.4
eS 38.5
Dilatation

iP 01:35:42.6
eS 36:04.2

iP 03:23:19.8
eS 46.3

iP 04:36:25.5
eS 37.3

iP 10:37:37.9
eS 38:12.0

Station stopped from 14.6.68 to 17.6.68 at 21:40

17 iP 21:48:25.9
eS 52.9

18 iP 01:12:01.7
eS 13:18.8

iP 02:32:40.0
eS 33:07.4

iP 02:34:59.2
eS 35:21.7
Compression

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PROVISIONAL READINGS AT CALAMA

Jun.18 1968
iP 05:28:05.4
eS 39.4

iP 06:53:23.1
iS 37.0
Compression

iP 07:34:55.1
eS 35:27.3

iP 08:09:26.9
eS 45.1

iP 11:35:07.2
Dilatation

iP 13:21:30.2
i 30.4

iP 15:47:25.0
eS 40.3

iP 16:31:34.3
eS 32:00.0

iP 19:44:52.0
iS 46:13.1

iP 22:03:06.0
eS 22.1

iP 23:03:32.0
eS 50.0

19 iP 01:30:41.7
Compression

iP 05:00:53.3
eS 01:24.8
Dilatation

iP 08:08:41.9
Compression

iP 08:17:52.6

eP 09:35:58
eS 36:13.8

iP 10:38:23.3
eS 38.9

iP 13:03:50.0
eS 04:18.9

iP 14:52:24.1
eS 37.8

Jun.19 1968
iP 19:24:22.5
eS 34.4

iP 19:44:58.1
iS 45:03.0
Compression

iP 22:30:32.3
Dilatation

iP 23:44:13.9
eS 46.0
Dilatation

20 iP 00:12:13.0
iS 35.0
Compression

iP 00:16:15.8
Compression

iP 00:52:39.5
eS 56.7

iP 00:59:32.3
iS 40.8

iP 01:28:31.7
eS 45.8

iP 03:17:16.5
eS 30.1

iP 03:46:11.6
iS 29.1
Dilatation

iP 05:31:17.7
eS 37.0

iP 07:04:32.4
iS 55.5
Compression

iP 07:35:52.7
iS 36:04.5

iP 08:23:09.4
iS 42.2
Dilatation

iP 08:58:25.8
iS 44.6
Compression

iP 10:42:37.1
iS 47.0

Jun.20 1968
iP 11:30:13.4
iS 27.6
Compression

iP 12:59:09.0
iS 24.6

iP 13:35:41.2
eS 36:00.7

iP 16:44:31.7
iS 45:16.3
Dilatation

iP 18:06:59.5
eS 07:05.3

iP 21:48:58.2
e 49:00.2
eS 40.5

iP 23:12:11.3
eS 26.2

21 iP 03:36:53.7
iS 37:23.1

iP 07:47:17.8
eS 32.7

iP 14:38:14.4
eS 36.0

iP 15:37:50.6
eS 38:08.8

iP 16:38:26.7
iS 52.1
Compression

iP 17:46:31.7
eS 46.3

iP 19:17:35,3
iS 49,3
Compression

iP 19:47:50.8
i 54.7
Compression

iP 21:32:28.4
iS 33:01.0

iP 23:41:08.8
eS 29.6

iP 23:45:10.3
eS 21.4

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PROVISIONAL READINGS AT CALAMA

Jun.22 1968
iP 01:58:09.8
eS 19.6

iP 02:00:37.0
eS 56.7

iP 03:04:21.4
eS 53.8

iP 04:30:20.2
iS 31:15.7
Compression

iP 06:12:23.3
eS 44.4
Compression

iP 06:39:28.4
iS 44.2
Compression

iP 09:25:27.5
iS 40.1

iP 10:11:35.7
Compression

iP 10:48:08.7
eS 19.6
Dilatation

iP 13:21:10.7
eS 30.2

iP 17:30:28.0
iS 41.7

iP 18:26:05.3
eS 22.5

iP 23:18:39.3
iS 55.6

23 iP 02:31:26.1
eS 32:04.5

iP 04:46:58.0
eS 47:31.4

iP 05:07:11.4
iS 32.9

iP 09:19:41.3
iS 52.3
Compression

Jun.23 1968
iP 11:28:00.1
iS 29:17.5
Compression

iP 22:07:29.7
eS 41.0

iP 22:10:11.2
eS 53.8

iP 23:45:36.2
eS 46:06.1

24 iP 03:52:15.4
eS 32.7

iP 04:28:58.1
Compression

iP 08:01:22.6
iS 34.6
Dilatation

iP 09:29:09.6
iS 29.9
Compression

iP 13:28:08.0
eS 19.7
Compression

iP 13:41:15.7
eS 26.8
Compression

iP 13:44:22.7
eS 51.4

iP 14:10:50.3
e 51.7
iS 11:13.4

iP 14:56:22.3
iS 42.0
Compression

iP 15:15:47.0
i 47.5
iS 16:28.6

iP 16:31:30.3
iS 50.7

iP 17:48:02.1
eS 16.3

Jun.24 1968
iP 20:00:06.1
iS 09.8
Compression

iP 20:53:34.2
eS 56.4

25 iP 01:44:26.2
eS 59.7
Dilatation

iP 01:57:40.4
iS 58.9
Compression

iP 07:31:12.8
iS 28.9

iP 09:45:11.7
eS 26.8

iP 09:58:50.4
eS 06.5

iP 10:06:19.4
eS 34.7
Dilatation

iP 11:06:31.3
iS 53.0
Compression

iP 13:29:50.2
eS 30:07.9

iP 15:06:00.4
iS 30.1

iP 19:05:36.2
iS 40.4

iP 19:38:41.1
iS 56.6

iP 19:46:35.4
iS 39.3
Compression

iP 21:30:26.5
eS 47.1

iP 23:43:12.9
eS 23.2
Dilatation

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PROVISIONAL READINGS AT CALAMA

Jun.26 1968
iP 02:31:20.8
eS 32.5
Compression

iP 02:51:44.0
eS 57.1

iP 04:09:59.3
eS 10:30.7

iP 07:40:15.9
eS 27.3

iP 09:04:40.0
eS 05:02.0

iP 09:41:19.7
iS 34.4

iP 11:02:30.0
iS 46.5
Dilatation

iP 11:50:46.2
Compression

iP 16:23:00.0
iS 18.9
Compression

iP 18:52:48.2
eS 53:11.8

iP 19:55:36.9
iS 49.7
Dilatation

iP 20:28:09.7
iS 21.8
Dilatation

iP 22:02:21.0
iS 43.4
Dilatation

iP ~~22:41:44.6~~
iS ~~42:03.6~~

iP 22:57:34.2
eS 55.3

27 iP 03:50:35.4
eS 58.4

iP 13:07:16.2
i 25.2
eS 08:07.1

Jun.27 1968
iP 14:38:21.6
i 22.0
iS 43.4

iP 15:24:01.8
eS 23.7

iP 16:36:14.1
iS 46.0

iP 16:49:05.5
iS 16.9

iP 17:26:03.6
eS 34.5

iP 20:53:20.0
iS 38.5
Compression

28 iP 01:39:14.3
iS 26.4

iP 04:05:38.5
iS 06:02.9

iP 05:23:43.3
eS 24:01.9

iP 05:47:15.9
eS 39.9

iP 06:26:14.2
eS 43.8

iP 06:50:24.7
iS 37.6
Compression

iP 15:59:07.2
iS 19.6

iP 18:50:20.2
eS 37.0

iP 19:44:22.3
iS 25.9
Compression

iP 20:17:26.7
eS 41

iP 20:28:54.5
eS 29:28.3

iP 22:51:02.2
Compression

Jun.28 1968
iP 23:54:50.7
eS 55:12.1
Dilatation

29 iP 02:28:23.8
iS 56.1
Compression

iP 04:27:55.8
eS 28:11.2
Compression

iP 04:32:53.2
iS 33:13.1
Compression

iP 05:08:27.7
iS 51.1
Dilatation

eP 05:12:49
iS 13:01.8

iP 05:52:12.2
iS 46.6

iP 06:15:03.0
eS 36.7

iP 11:52:46.1
iS 53:02.8
Dilatation

iP 13:52:18.8
iS 35.0

iP 15:44:44.4
iS 59.5
Dilatation

iP 19:42:21.9
eS 44.0

iP 21:26:41.2
iS 56.3
Dilatation

iP 23:03:56.3
eS 04:28.2

eP 23:44:00
eS 24.7

30 iP 02:35:03.3
iS 35.0
Compression

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Jun.30 1968	iP	03:10:17.9	Jun.30 1968	iP	16:58:19.9
	eS	45.5		iS	30.8
				Dilatation	
	iP	06:20:22.8			
	eS	54.9		iP	17:07:24.4
				Dilatation	
	iP	07:11:21.3			
	eS	40.9		iP	17:17:17.3
				i	17.5
	eP	09:06:12		iS	26.8
	iS	23.5			
				iP	20:51:59.4
	iP	10:57:50.3		eS	11.0
	eS	58:14.5			
				iP	21:21:39.1
	iP	12:47:13.4		i	40.5
	iS	34.5		eS	22:06.7
	iP	14:41:57.4		iP	22:46:14.3
	iS	42:09.3		iS	25.1
	Dilatation				

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~

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Edinburgh 9. SCOTLAND

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Jul.01 1968	eP	00:05:50.6
	iS	06:06.3
	eP	01:02:05.5
	eS	40.9
	iP	02:13:23.4
	eS	34.7
	Dilatation	
	eP	04:54:58.3
	eP	06:46:38.9
	eS	47:00.3
	eP	06:49:32.8
	iS	47.2
	iP	09:47:52.9
	iS	48:04.4
	eP	10:31:54.1
	eS	32:03.7
	eP	13:07:11.1
	iS	26.3
	eP	16:14:54.5
	i	54.7
	iS	15:22.3
	eP	19:47:19.1
	eS	12.4
	eP	22:12:12.7
	eS	32.6
02	eP	00:24:58
	i	26:13.2
	e	27
	eP	04:54:50
	eS	55:03
	iP	06:44:57.0
	i	45:26.9
	i	40.6
	Dilatation	
	iP	10:00:14.6
	iS	32.2
	Compression	

Jul.02 1968	iP	12:08:53.2
	iS	09:24.5
	Dilatation	
	iP	13:04:06.9
	iS	19.6
	Dilatation	
	eP	18:18:20
	i	24.0
	iP	19:48:15.1
	Compression	
	iP	21:37:40.0
	iS	51.6
	Dilatation	
03	iP	00:55:06.4
	iS	33.0
	Compression	
	iP	01:52:47.9
	iS	53:00.7
	Compression	
	eP	04:12:43
	e	13:04
	iS	10.7
	iP	04:31:29.5
	iS	32:02.0
	iP	12:22;00.0
	Dilatation	
	iP	12:43:36.7
	eS	44:05
	Compression	
	iP	15:39:39.5
	iS	40:02.7
	eP	19:46:50
	iS	47:09.3
	i	35.9
	i	43.4
	eP	20:15:50
	iS	16:00.2
04	iP	01:26:37.6
	iS	27:05.0
	Compression	
	iP	02:13:51.0
	eS	14:07.4
	Dilatation	

Jul.04 1968	iP	03:10:13.6
	iS	27.4
	iP	04:23:48.8
	iS	24:05.8
	Compression	
	iP	04:30:24.7
	eS	37
	i	31:00.4
	iP	06:16:46.4
	eS	17:10.3
	Compression	
	iP	09:43:26.4
	eS	45.2
	Dilatation	
	iP	11:55:01.1
	eS	19.3
	Compression	
	iP	12:06:21.3
	iS	44.0
	Compression	
	iP	14:55:06.6
	iS	20.6
	iP	23:40:16.6
	iS	31.0
	Compression	
05	iP	00:23:13.6
	eS	26.3
	Compression	
	iP	01:34:12.7
	i	28.6
	Dilatation	
	eP	03:08:14
	iS	29.1
	iP	06:41:59.6
	iS	42:19.0
	Compression	
	iP	10:18:10.6
	eS	43.4
	iP	10:33:29.1
	eS	34:00.3
	iP	13:11:43.9
	iS	58.3
	Dilatation	

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Jul.05 1968
iP 16:31:46.6
iS 32:20.9
Dilatation

iP 17:11:26.0
i 33.8
i 37.8
i 43.3
Dilatation

iP 19:48:14.9
iS 17.7
Compression

iP 20:02:43.5
iS 03:08.6
Compression

iP 22:37:03.2
iS 17.1
Compression

iP 22:50:29.1
iS 56.0
Compression

06 eP 00:05:02

iP 00:24:56.7
iS 25:08.8
Dilatation

iP 00:59:02.4
eS 29.4

iP 01:18:36.6
iS 52.3

iP 03:31:21.7
iS 32.5

iP 03:40:52.8
eS 41:25.4

iP 12:10:46.2
iS 11:04.4

eP 12:18:05
iS 24.6

iP 15:53:54.8
iS 54:05.1
Dilatation

iP 16:14:26.7
eS 41.5

Jul.06 1968
iP 19:43:58.1
eS 44:05.1

07 iP 02:38:05.0
iS 15.9
Dilatation

iP 03:21:25.7
eS 35.3

iP 08:48:13.0
Compression

eP 10:13:40
i 44.5
i 50.5
iS 14:20.0

iP 10:59:53.0
Dilatation

iP 11:13:40.9
iS 14:01.9
Compression

iP 13:37:08.8
eS 59.0

iP 13:43:47.8
iS 59.5

iP 21:27:08.4
iS 21.9
Compression

08 iP 04:21:32.6
iS 46.3

iP 12:03:16.3
eS 38.4
Compression

iP 19:48:22.1
iS 25.7
Compression

eP 19:51:58
eS 52:20

iP 20:41:29.5
eS 50.4
Compression

iP 21:52:23.7
eS 44.4

Jul.09 1968
iP 00:08:52.1
iS 09:18.7
Dilatation

iP 02:39:17.9
i 29.3
Dilatation

iP 13:53:17.6
iS 28.7
Dilatation

iP 14:48:28.5
eS 50.4
Compression

iP 14:50:52.4
iS 51:03.7
Dilatation

iP 15:31:52.1
iS 32:15.5
Compression

iP 16:14:34.2
iS 49.0
Compression

iP 19:46:34.1
iS 37.6
Compression

10 iP 01:00:00.5
eS 20.7

iP 02:31:34.7
iS 32:17.7
i 33:17.3

eP 06:38:12

iP 08:27:55.2
iS 28:14.0
Compression

iP 08:31:01.2
iP 01.9
iS 35.2

iP 10:13:19.9
iS 40.8
Compression

iP 12:11:29.3
eS 49
Compression

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Jul.10 1968	eP	13:06:45	
	eS	06	
	eP	14:58:10	
	eS	27	
	iP	15:38:08.0	
	iS	26.0	
	Dilatation		
	iP	16:41:03.6	
	iS	20.2	
	Compression		
	iP	17:01:53.1	
	Compression		
	eP	17:29:56	
	eS	30:18	
	iP	17:45:15.1	
	iS	32.0	
	Dilatation		
	iP	19:19:06.6	
	eS	18	
	iP	20:24:54.0	
	iS	25:17.8	
	Compression		
	eP	22:23:38	
	eS	24:05	
	eP	22:39:22	
	eS	54	
11	eP	00:05:30	
	iS	45.1	
	iP	00:30:02.6	
	iS	34.7	
	Dilatation		
	eP	00:44:02	
	iP	01:54:28.2	
	iS	55:01.8	
	Compression		
	iP	02:17:18.4	
	iP	23:0	
	iS	52.9	
	iP	02:56:42.2	
	iS	53.9	
	Compression		

Jul.11 1968	eP	04:08:12	
	iP	06:50:18.1	
	iS	29.6	
	Dilatation		
	eP	08:30:33	
	iS	31:05.2	
	iP	13:50:05.4	
	iS	17.7	
	Dilatation		
	iP	14:00:36.8	
	iS	01:02.0	
	Compression		
	iP	14:45:22.5	
	i	28,1	
	iS	35.1	
	Dilatation		
	iP	16:00:40.5	
	eS	55	
	eP	16:24:20	
	eS	44	
	eP	17:00:08	
	eS	26.5	
	eP	20:15:26	
	eS	42	
	eP	21:49:57	
	eS	50:09	
12	eP	00:13:47	
	eS	14:02	
	iP	03:48:36.2	
	iS	48.3	
	Compression		
	iP	04:06:03.0	
	eS	21.0	
	eP	04:08:51	
	iS	09:02.3	
	eP	06:05:13	
	eS	27	
	iP	11:13:27.6	
	iP	27.9	
	iS	43.0	

Jul.12 1968	iP	12:18:56.7	
	iP	58.9	
	eS	19:21	
	i	28.9	
	eP	17:21:04	
	eS	40	
	iP	19:45:49.8	
	iS	53.4	
	Compression		
	eP	22:25:26	
	eS	47	
13	iP	03:06:51.2	
	iS	07:10.5	
	Dilatation		
	iP	04:46:33.6	
	iS	48.9	
	Compression		
	iP	05:34:36.6	
	Compression		
	eP	05:52:29	
	eS	51.5	
	eP	11:46:51	
	iS	47:02.6	
	eP	12:47:26	
	eS	48	
	eP	17:08:13	
	eS	31	
	iP	17:25:43.0	
	iS	26:02.9	
	Dilatation		
	eP	17:59:23	
	iS	36.1	
	iP	18:10:43.2	
	iS	11:06.7	
	Compression		
	iP	19:00:48.8	
	iS	52.4	
	e	01:27	
	iP	19:50:35.4	
	iS	38.3	
	Compression		

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Jul.13 1968
iP 20:06:19.5
iS 41.3
Compression

iP 20:54:11.7
eS 30.7
Compression

iP 22:14:10.6
iS 30.1
Compression

14 eP 03:19:03.9
iS 37.4

eP 03:23:37.8
eS 50.4

eP 05:09:49
eS 10:09.4

iP 05:20:37.0
iS 54.6
Dilatation

eP 06:10:07.7
iS 24.7

iP 06:26:53.3
eS 27:15.5
Dilatation

eP 06:56:44
eS 56.1

iP 09:07:08.3
iS 36.9
Compression

eP 09:46:05
eS 18

eP 10:21:05.1
iS 25.0

eP 10:42:11.5
iS 25.0

eP 12:30:36.0
iS 47.5

iP 14:20:50.0
eS 21:10.9
Compression

eP 16:21:07.4
iS 21.8

Jul.14 1968
eP 17:32:44
iS 57

eP 19:04:00.9
i 21.0
iS 28.3

iP 21:26:09.7
i 16.0
Dilatation

iP 21:55:32.6
eS 50.7
Compression

15 iP 03:42:18.1
iS 29.8
Dilatation

iP 08:47:19.6
eS 41.7
Compression

eP 11:07:18.8
eS 40.8

e(P) 13:12:47
eS 13:24.0

iP 13:46:13.0
iS 45.7
Dilatation

eP 19:07:39.7
eS 08:00.1

iP 21:44:19.5
iS 33.8
Dilatation

iP 22:24:03.8
iS 15.3
Compression

16 eP 00:17:21.0
eS 36.3

eP 00:34:03.7
eS 15.1

eP 01:11:09.6
iS 25.8

iP 02:28:39.8
iS 56.8
Compression

Jul.16 1968
iP 02:38:58,8
Dilatation

eP 02:45:14.4
iS 25.9

iP 07:16:21.0
eS 41.8
Compression

iP 09:20:20.1
iS 39.1
Compression

e(P) 11:01:04
e 30

eP 13:53:59
iS 54:19.7

iP 14:11:34.8
iS 46.4
Compression

iP 18:47:45.0
iS 48.6
Compression

eP 18:59:04.2
eS 28.5

iP 19:20:03.2
iS 24.7
Compression

eP 19:55:30.0
e 57:38.9

eP 21:01:39
eS 02:07.3

eP 22:09:01.7
iS 38.7

eP 23:01:57.9
eS 02:14.8

eP 23:54:12
eS 44.4

17 iP 00:01:44.6
iS 02:13.8
Dilatation

iP 04:28:16.7
iS 28.4
Dilatation

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Jul.17 1968
eP 04:29:48
eS 30:18.7

iP 05:06:39.9
i 40.2
iS 07:13.4

iP 05:16:55.1
iS 17:16.3
Compression

eP 05:44:12

iP 05:46:53.9
iS 47:06.6
Dilatation

iP 13:14:23.1
iS 42.5
Compression

eP 14:55:12.6
iS 45.4

iP 15:12:07.8
iS 18.7

eP 15:43:37.7
iS 58.7

eP 16:37:32.7
iS 55.5

eP 16:49:12.1
eS 33.5

e(P) 17:06:32
eS 52.2

iP 19:03:23.9
iS 44.9
Compression

eP 19:15:16.9
iS 21.5

iP 19:44:03.8
iS 07.4
Compression

18 eP 00:27:48
eS 15.0

eP 02:24:06
eS 40

eP 02:39:21
eS 53.7

Jul.18 1968
iP 04:11:32.8
eS 44.5
Dilatation

eP 05:59:55.5
eS 06:00:21.9

iP 07:31:39.8
eS 05.0

iP 09:07:41.6
iS 54.4.
Dilatation

eP 12:41:39.5
iS 42:10.4

eP 13:10:46.6
eS 11:22.4

eP 14:43:02.9
iS 35.8

iP 15:31:44.5
iS 57.6
Dilatation

eP 18:05:01.2
eS 23.0

iP 18:47:32.7
iS 36.3.
Compression

iP 19:45:01.7
is 05.0
Compression

19 iP 01:19:10.8
iS 25.7
Compression

eP 06:04:19.1
iS 35.5

iP 06:18:24.0
iS 59.9
Compression

iP 06:20:59.8
eS 21:10
Dilatation

iP 06:36:09.9
iS 15.5
Compression

Jul.19 1968
eP 09:25:29.2
eS 46.1

eP 09:37:55.7
iS 38:31.3

eP 12:36:22.9
iS 59.6

iP 13:03:15.6
iS 46.9
Dilatation

eP 13:06:19.7
iS 50.6

iP 14:46:29.1
iS 41.4
Compression

iP 15:20:35.4
iS 55.2
Compression

iP 17:56:10.4
iS 42.9
Dilatation

eP 18:43:49
eS 44:00.3

eP 19:04:25.6
eS 40.3

eP 19:05:01.7
i 06:05.2

eP 19:45:53
i 46:00.8
i 03.6
iS 34.9

iP 19:49:08.5
iS 22.0
Dilatation

iP 21:59:02.3
iS 21.8
Compression

eP 23:27:05
i 20.0
i 39.0

20 iP 01:58:33.0
iS 45.1
Compression

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Jul.20 1968
eP 03:47:38.3
iS 48:00.4

iP 04:18:28.9
iS 54.6
Compression

eP 08:01:45.3
iS 14.5

eP 08:22:58.6
eS 23:17.2

iP 10:29:17.3
iS 30.5
Compression

eP 11:51:34.1
iS 57.1

eP 12:56:38.6
iS 50.9

iP 13:06:56.3
iS 07:13.4
Compression

eP 13:28:46.1
iS 03.9

iP 15:26:29.9
iS 54.9

iP 17:03:14.9
iS 29.4
Compression

eP 17:06:42.3
iS 02.5

iP 17:29:52.8
iS 30:06.9
Compression

iP 19:46:41.0
iS 44.9
Compression

iP 20:58:32.5
iS 56.7
Dilatation

iP 23:51:41.8
iS 54.3
Dilatation

Jul.21 1968
iP 03:49:51.8
iS 50:12.4
Compression

eP 04:05:46.8
iS 06:11.0

iP 05:41:31.7
iS 42:03.5
Compression

iP 07:36:29.7
eS 47.9

e(P) 09:23:24
eS 47.1

iP 11:06:37.0
iS 51.7
Compression

iP 11:40:02.5
eS 40.4
Dilatation

eP 12:06:47
eS 07:00.7

iP 15:18:22.2
iS 36.3
Compression

eP 16:46:05.7
eS 38

iP 16:48:09.3
i 33.7
iS 35.1
Dilatation

22 eP 00:26:50.4
eS 27:23.0

iP 00:43:52.5
iS 44:10.9
Dilatation

iP 01:55:40.2
iS 53.7
Compression

e(P) 02:37:02
eS 15.6

iP 04;30:52.8
iS 31:15.1
Compression

Jul.22 1968
iP 05:39:44.5
iS 40:07.1
Dilatation

eP 06:13:27.1
iS 39.9

iP 08:16:19.5
iS 35.4
Dilatation

eP 08:28:17
eS 45

iP 09:29:22.7
iS 34.6
Compression

iP 11:57:55.8
eS 58:05.2
Dilatation

eP 12:11:16.9
eS 12:04.9

iP 13:18:33.9
iS 48.0
Compression

eP 17:13:35.0
iS 48.5

eP 17:25:01.6
iS 13.7

eP 18:02:48.9
iS 03:26.7

iP 19:48:32.3
iS 35.2
Compression

iP 22:30:00.9
iS 10.4
Dilatation

eP 22:55:53.9
eS 56:17.1

iP 23:10:08.0
iS 39.1

iP 23:33:58.4
iS 34:20.5
Compression

23 eP 00:21:45.7
iS 22:03.6

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Jul.23 1968

	e(P)	00:28:49
	iS	29:05.6
	eP	00:43:05
	iS	16.8
	iP	02:14:03.3
	iS	23.7
	eP	05:23:14.7
	iS	30.7
	iP	06:26:08.3
	iS	27.4
	Compression	
	eP	09:52:22
	iS	48.4
	iP	15:17:53.4
	iS	18:02.2
	Dilatation	
	iP	16:23:02.4
	iS	15.2
	Dilatation	
	iP	17:33:22.2
	eS	39.0
	iP	18:57:50.6
	i	54.2
	iS	56.8
	eP	19:14:55.1
	i	57.5
	iS	15:24.3
	iP	19:45:11.3
	iS	15.1
	Compression	
	iP	19:57:24.1
	eS	44.7
	Compression	
	eP	20:57:10.9
	iS	31.5
	iP	21:46:36.7
	iS	47:32.0
	Dilatation	
24	eP	00:02:57.1
	iS	03:12.8

Jul.24 1968

	eP	00:53:28
	iS	13.1
	eP	01:36:17.5
	eS	50.3
	eP	02:08:37.9
	eS	09:03.7
	eP	02:32:07,2
	iS	36.8
	eP	06:45:25
	iS	48.3
	iP	07:45:28.3
	iS	41.4
	Compression	
	iP	08:05:27.5
	iS	37.3
	Dilatation	
	iP	08:57:46.0
	iS	58:02.5
	Dilatation	
	iP	09:40:58.8
	eS	41:19.5
	Compression	
	eP	14:41:18
	iS	28.5
	eP	23:00:10.3
	eS	34.6
	iP	23:37:14.8
	iS	46.9
	Compression	
25	iP	00:58:17.4
	iS	39.7
	Compression	
	eP	04:19:00.2
	iS	12.7
	eP	05:29:32
	eS	30:00.2
	eP	09:29:47.7
	iS	30:06.8

Jul.25 1968

	iP	10:18:28.0
	iS	19:40.6
	Compression	
	iP	10:48:13.9
	iS	45.2
	iP	19:01:43.0
	iS	03.8
	Compression	
	iP	19:47:17.4
	iS	20.5
	Compression	
	iP	21:58:42.5
	iS	56.3
	Compression	
	eP	22:14:26
	eS	39
	eP	22:38:20
	eS	33
	eP	23:14:17
	eS	50.2
26	eP	02:22:24
	iS	38.7
	iP	07:22:53.8
	iS	23:11.5
	eP	10:47:20
	eS	53
	iP	15:45:00.2
	iS	18.1
	Compression	
	iP	16:19:01.9
	iS	04.8
	eP	17:20:23
	eS	37
	iP	18:21:10.4
	iS	14.0
	i	15.2
	Compression	
	eP	18:32:58
	eS	33:18
	iP	19:26:37.1
	iS	40.8

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PROVISIONAL READINGS AT CALAMA

Jul.26 1968
iP 22:41:09.9
eS 20.2
Dilatation

eP 23:22:27
eS 47

iP 23:55:10.2
iS 25.6
Compression

27 eP 02:15:53
*
iP 11:12:49.1
iS 13:02.0
Dilatation

iP 11:19:51.5
iS 20:10.4
Dilatation

iP 11:34:29.5
iS 40.9
Compression

eP 12:18:37
iS 48.6

eP 15:01:52
eS 02:08

eP 18:33:07

iP 20:57:24.8
iS 38.8

eP 22:34:29
eS 50

iP 23:07:14.4
iS 32.0
Dilatation

iP 23:19:52.8
iS 20:57.6
Compression

28 iP 00:43:55.4
iS 44:09.8
Compression

iP 01:09:36.0
iS 54.8
Compression

eP 03:47:23

Jul.27 eP 02:32:41

Jul.28 1968
iP 08:48:41.0
iS 56.0
Dilatation

eP 10:07:03
eS 19

eP 17:47:21
eS 48:02

eP 19:51:22

iP 19:53:39.4
iS 51.0

eP 20:54:14

iP 21:19:15.5
Dilatation

iP 22:20:27.9
Dilatation

eP 23:57:06
iS 19.0

29 iP 01:50:37.5
iS 49.3
Compression

eP 03:19:37
eS 20:12

iP 03:49:13.3
iS 28.0
Compression

iP 05:58:59.0
Compression

eP 07:49:43
eS 50:15

eP 08:13:05
eS 23

iP 08:26:55.1
Dilatation

iP 09:42:39.7
iS 59.7
Compression

eP 12:10:14
iS 29.9

Jul.29 1968
eP 15:25:06

eP 16:03:47
eS 58

iP 16:34:11.6
iS 23.3
Compression

eP 17:00:09
iS 33.9

iP 17:27:56.5
iS 28:14.1
Dilatation

eP 17:31:26

eP 19:05:02
eS 16.6

iP 19:10:22.3
iS 26.1
Compression

eP 20:31:40
eS 10

iP 22:38:21.6
IS 40.0
Compression

eP 22:40:01
eS 18

iP 22:55:31.0
iS 53.4
Compression

eP 23:30:06
eS 25

30 eP 00:12:03

eP 02:32:53
i 33:38.9

eP 03:06:38

iP 03:29:02.6
iS 18.6
Compression

iP 04:11:05.4
iS 17.5
Compression

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Jul.30 1968	eP	04:37:35
	iS	53.0
	eP	05:31:50
	iS	32:07.9
	iP	07:23:50
	i	24:09.2
	i	39.8
	eP	10:34:39
	iP	14:25:06.3
	iS	22.5
	Compression	
	eP	14:52:47
	iS	53:07.2
	iP	14:54:35.2
	iS	50.4
	Compression	
	eP	17:14:06
	eS	49
	eP	17:20:49
	eS	21:06
	iP	19:45:08.2
	iS	22.3
	Dilatation	
	iP	19:48:04.0
	Compression	
	eP	20:43:04
	eP	22:45:06
	eS	22
31	eP	02:02:50
	eS	03:11
	eP	05:02:44
	eS	56
	eP	06:39:05
	eS	26
	eP	07:29:52
	eS	30:04
	eP	08:39:13
	iS	28.0

Jul.31 1968	iP	08:40:51.3
	iS	41:02.7
	Dilatation	
	iP	12:05:14.1
	iS	34.3
	Compression	
	iP	13:04:18.6
	iS	31.0
	Dilatation	
	iP	14:17:23.0
	iS	43.0
	Dilatation	
	eP	17:02:44
	eS	03:01

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22°28'47.5" S 69°01'34.0" W h 2.000 m.

Aug.01 1968
eP 01:54:21
iS 55:08.2

eP 04:48:08
iS 28.8

eP 05:52:59
eS 53:41.5

iP 07:15:20.3
iS 33.6
Dilatation

iP 16:13:52.6
Dilatation

iP 16:48:40.6
iS 58.0
Compression

iP 20:01:55.1
Compression

iP 21:40:32.1
eS 45
Compression

iP 21:43:45.7
iS 44:05.9
Dilatation

eP 22:27:37

eP 23:50:53
eS 51:05

02 iP 01:27:02.7
eS 37

eP 01:49:08
eS 24

iP 03:07:40.2
iS 00.6
Compression

iP 08:01:58.6
iS 02:09.7
Dilatation

eP 08:14:34
iS 48.0

iP 09:19:18.8
iS 30.5
Compression

Aug.02 1968
eP 09:46:05
iS 20.7

eP 10:42:31
eS 43

iP 10:59:33.8
iS 54.3
Compression

eP 11:21:45
i 22:06.7

eP 13:05:48
iS 06:03.0

iP 14:01:50.3
iS 02:08.5
Compression

iP 14:30:13.5
iS 44.7

iP 19:44:25.4
iS 29.9
Compression

iP 21:07:22.5
eS 44
Compression

iP 23:06:16.6
Compression

03 iP 01:59:01.8
iS 13.6
Compression

eP 04:00:24
eS 38

iP 04:38:02.7
iS 21.6
Compression

iP 04:40:11.5
iS 29.1
Compression

iP 04:56:37.7
iS 52.5
Dilatation

iP 05:08:09.7
eS 43
Dilatation

Aug.03 1968
iP 06:15:41.1
iS 53.3
Compression

eP 11:09:50
eS 10:10

iP 11:33:04.7
iS 20.3
Compression

eP 13:38:07

eP 14:41:04
iS 36.8

eP 17:42:35

iP 18:55:04.5
iS 07.9
Compression

04 eP 01:28:18
iS 31.5

iP 05:29:23.0
iS 37.9
Dilatation

iP 05:51:22.3
Compression

iP 06:35:30.6
iS 42
Dilatation

eP 09:34:58
eS 35:16

eP 10:00:49
eS 01:06

iP 10:19:56.9
eS 20:29
Dilatation

eP 12:18:52
iS 19:07.3

iP 14:19:38.7
iS 51.3
Dilatation

iP 14:38:25.4
iS 56.5
Compression

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Aug.04 1968
iP 15:24:31.7
Dilatation

iP 17:12:09.9
iS 22.0
Compression

eP 17:14:18
iS 30.4

iP 17:48:25.4
iS 59.5
Dilatation

iP 19:52:27.3
iS 47.5
Dilatation

05 iP 01:03:22.7
eS 35
Compression

iP 01:09:06.7
iS 39.1
Compression

eP 03:52:38
eS 53:07

eP 04:11.15
eS 36

eP 07:10:48
eS 11:23

eP 08:37:27
iS 38.0

iP 09:08:44.1
Dilatation

iP 09:48:58.8
iS 49:10.8
Compression

iP 10:18:30.3
iS 49.2
Dilatation

eP 11:05:38
eS 59

iP 15:10:36.6
iS 49.6
Compression

Aug.05 1968
iP 19:43:27.7
iS 31.5
Compression

eP 19:52:31
eS 56

eP 20:21:54

eP 22:35:11
eS 31

eP 23:04:03
iS 22.4

eP 23:42:27
iS 40.3

iP 23:48:51.6
Compression

06 iP 00:28:08.4
iS 22.8
Compression

iP 00:45:32.7
iS 53.7

eP 01:33:39
e 34:03

eP 04:15:03
eS 18

iP 05:02:40.3
iS 59.6

eP 06:43:20
iP 22.3

eP 06:54:56

iP 07:51:06.6
iS 22.0
Dilatation

iP 10:41:05.8
iS 23.6
Compression

eP 13:37:05
eS 39

iP 16:28:19.6
iS 30.6
Compression

Aug.06 1968
iP 16:30:28.8
iS 48.7
Compression

iP 19:15:07.5
iS 39.4
Compression

iP 19:43:29.0
Compression

eP 21:03:14.7
iS 43.5

iP 22:00:32.2
iS 47.6
Dilatation

iP 22:20:49.4
iS 21:09.1
Compression

07 eP 00:13:10.4
iS 56.5

eP 05:34:10.4
iS 23.9

iP 08:16:17.8
iS 24.4
Compression

eP 11:25:01
eS 26:18.4

iP 14:10:07.7
iS 27.9
Compression

iP 16:43:05.5
iS 18.5
Compression

eP 18:52:37.2
iS 48.5

eP 23:15:15.2
eS 51.3

08 iP 00:49:32.2
iS 43.2

iP 02:17:08.7
iS 28.3
Compression

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Aug.08 1968	eP	02:24:56.5	
	iS	25:07.6	
	eP	05:59:17	
	eS	29	
	iP	14:59:23.2	
	iS	36.0	
	Compression		
	eP	15:28:58.0	
	iP	29:21.2	
	i	40.9	
	iP	18:45:36.9	
	iS	56.5	
	Compression		
	iP	20:44:55.9	
	iS	45:15.9	
	Compression		
	ep	23:02:41.6	
	eS	56	
	iP	23:15:56.5	
	i	16:05.5	
	iS	13.1	
	Dilatation		
09	eP	00:19:52.8	
	eS	20:13	
	eP	04:45:33	
	iS	46.6	
	eP	05:09:32.7	
	eS	49	
	eP	06:53:10	
	eS	25	
	eP	07:16:05	
	eP	09:47:06.3	
	eS	27.6	
	iP	12:02:57.5	
	iS	03:15.2	
	Dilatation		
	eP	13:35:20	
	eS	31	
	eP	14:15:44	
	eS	56	
Aug.09 1968	iP	19:43:35.6	
	iS	40.0	
	Compression		
	iP	21:07:39.0	
	eS	08:00	
	Compression		
	eP	23:25:53	
	iS	26:27.4	
10	eP	01:34:16	
	eS	28	
	eP	03:51:05	
	iS	52:04.6	
	eP	06:28:31.7	
	i	44.1	
	iS	11.6	
	iP	06:59:00.6	
	iS	12.6	
	Compression		
	eP	11:42:27	
	eS	51	
	iP	13:19:14.0	
	iS	25.3	
	Dilatation		
	eP	13:38:04.7	
	iS	18.2	
	eP	13:48:03	
	iS	24.3	
	eP	16:26:46	
	iS	58.2	
	eP	16:43:02	
	eS	21	
	iP	16:53:31.9	
	iS	44.7	
	Compression		
	eP	18:56:53	
	eS	57:12	
	eP	21:31:27.6	
	i	31.7	
	iS	46.6	
11	eP	01:12:54	
	iS	22.4	
Aug.11 1968	eP	01:42:13	
	iS	26.4	
	iP	02:18:33.4	
	iS	47.3	
	iP	02:44:54.2	
	i	45:20.9	
	iS	27.9	
	Compression		
	eP	04:31:22	
	iS	36.0	
	eP	04:46:29	
	iS	43.3	
	iP	05:01:16.5	
	Compression		
	iP	06:32:55.9	
	iS	08.2	
	Dilatation		
	eP	06:46:35	
	i	47:19	
	eP	07:16:39	
	i	51.0	
	iS	51.9	
	eP	08:15:03	
	iS	16.2	
	iP	09:01:45.8	
	eS	02:06	
	Dilatation		
	iP	11:23:24.0	
	iS	59.5	
	iP	11:36:46.5	
	iS	37:05.1	
	i	31.5	
	eP	12:50:20	
	eS	38	
	iP	13:53:48.7	
	iS	25.5	
	eP	17:01:51	
	eS	02:23	
	eP	17:54:46	
	eS	55:06	

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Aug.11 1968
eP 21:42:03
eS 19

iP 22:12:03.8
iS 14.9
Dilatation

iP 22:22:11.2
iS 30.4
Dilatation

12 eP 03:03:54
eS 04:10

iP 02:16:17.9
Dilatation

eP 04:12:28
iS 44.1

eP 05:15:20
iS 56.7

eP 06:06:54
eS 07:10

eP 06:13:21
iS 38.3

eP 07:20:57
i 04.5
i 30.2
i 38.9

eP 08:41:03
iS 20.6
i 21.2

iP 10:10:49.1
iS 11:10.0
Compression

iP 11:14:21.2
iS 38.6
Compression

eP 12:17:50
iS 18:23.9

eP 14:53:12

iP 16:37:01.4
i 16.1
iS 16.7
Dilatation

Aug.12 1968
iP 20:07:45.8
iS 55.0
Compression

13 eP 01:19:29

iP 03:30:21.0
iS 42.3
Compression

iP 05:10:21.1
iS 32.1
Compression

eP 05:24:08.6
iS 19.8

eP 07:31:29.2
iS 32:06.3

eP 12:11:03
eS 35

iP 16:49:14.3
iS 40.2
Compression

iP 17:39:34.1
iS 43.9
Dilatation

eP 20:42:47
iS 59.5

eP 22:05:11
iS 51.2

iP 22:25:12.2
iS 32.8
Compression

14 eP 09:12:53.9
i 54.1
i 59.6

eP 16:40:50.1
i 41:06.1
i 28.6

iP 18:21:19.5
iS 41.1
Compression

iP 19:47:03.5
iS 14.1
Dilatation

Aug.14 1968
eP 22:34:24

iP 22:36:16.3

iS 35.8

15 eP 00:11:46
eS 12 01

iP 04:36:59.0
eS 37:17
Dilatation

iP 05:27:05.8
iS 26.8
Compression

eP 06:59:53.5
eS 07:00:07

eP 10:11:05.9
eS 26

eP 10:40:59.4
eS 41:32

iP 11:38:12.9
Compression

eP 12:42:26
iS 37.0

iP 17:09:11.6
eS 34
Compression

iP 18:11:45.3
iS 12:18.0
Compression

eP 18:37:54
eS 38:29

eP 19:49:58
iS 50:08.5

16 iP 01:46:26.4
iS 42.3
Dilatation

eP 02:48:52

eP 03:12:11
i 42

iP 05:59:15.4
iS 30.3
Dilatation

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Aug.16 1968
iP 06:06:51.6
iS 07:13.3
Dilatation

iP 06:29:19.1
iS 34.4
Compression

eP 07:30:02

eP 08:26:09
iS 37.4

iP 09:58:06.1
Compression

eP 10:50:02.4
iS 19.5

eP 14:55:59
iS 56:15

eP 19:27:58
eS 28:15

iP 23:46:21.4
iS 32.2
Dilatation

17 iP 01:14:36.0
iS 15:00.9
Compression

eP 01:45:32
iS 49.3

eP 03:33:19
eS 40

iP 05:19:17.8
iS 37.0
Compression

iP 06:50:14.2
iS 26.3
Dilatation

eP 16:38:12.7
eS 35

eP 20:35:18.4
eS 33

18 iP 00:10:28.4
iS 56.6

eP 06:08:14

Aug.18 1968
iP 07:06:36.9
iS 48.5
Dilatation

eP 07:59:02
iS 15.3

iP 11:14:35.0
iS 59.9
Dilatation

iP 16:39:18.6
iS 38.0
Compression

19 iP 04:24:06.1
iS 26.8
Compression

iP 04:25:37.4
iS 52.0
Dilatation

iP 04:36:44.9
iS 37:09.3

iP 09:13:08.3
eS 43.4

iP 10:26:20.5
iS 32.9
Compression

iP 11:07:17.2

iP 12:56:17.0
Dilatation

iP 13:05:46.7
eS 06:02.5

iP 13:19:51.4
iS 20:09.9

iP 17:19:17.4

iP 22:05:31.1
eS 06:35.1

iP 23:23:46.0
iS 24:12.3
Dilatation

iP 23:26:41.5
eS 27:18.3

20 iP 02:21:04.2
eS 24.6
Compression

Aug.20 1968
iP 02:46:59.9
iS 47:11.2
Dilatation

iP 04:40:08.9
i 10.7
iS 38.9

iP 06:03:17.8
iS 30.4

iP 06:35:59.8
eS 36:11.1
Compression

iP 07:18:22.3
iS 37.9
Compression

iP 09:53:14.2
eS 29.1

iP 10:55:06.1
eS 28.1

iP 10:56:41.7
iS 56.9
Compression

iP 11:36:34.1
Compression

iP 14:38:19.1
eS 31.4
Compression

iP 14:57:24.1
eS 39.0

iP 15:57:36.0
Compression

iP 16:12:57.8
eS 13:29.8

iP 18:22:29.4
eS 23:00.0

iP 19:45:48.9
Compression

iP 21:10:18.1
iS 29.0
Compression

iP 22:16:40.0
Dilatation

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Aug.20 1968
iP 22:40:11.2
iS 27.5
Compression

21
iP 02:35:34.8
iS 36:04.7

iP 07:06:22.4
Compression

iP 09:22:07.2
iS 18.3
Dilatation

iP 14:31:47.5
iS 32:20.0
Compression

iP 16:42:29.5
eS 54.6

iP 17:08:07.1
eS 23.0
Dilatation

iP 17:15:12.9
eS 25.3
Dilatation

iP 17:31:53.4
Compression

iP 18:50:11.1

iP 19:34:20.0
iS 53.4
i 54.4
Dilatation

iP 19:42:51.3
Compression

iP 20:25:57.1
eS 26:29.7

22
iP 00:32:21.9
eS 41.0

iP 02:37:57.8
i 58.2

iP 03:37:02.2
iS 22.2
Dilatation

Aug.22 1968
iP 06:11:58.0
iS 12:10.0
Compression

iP 07:01:08.8
iS 27.0
Compression

iP 07:39:41.1
iS 52.9
Compression

iP 10:28:57.3
eS 29:00.4

iP 11:26:24.5
eS 36.7

iP 12:55:02.0
eS 10.9

iP 14:55:29.1
iS 49.3
Compression

iP 15:57:12.8
eS 36.3

iP 18:34:36.3
eS 52.1

eP 19:07:05

iP 20:39:51.1
Dilatation

23
iP 01:51:25.5

iP 02:36:55.3
iS 37:36.6
Compression

iP 06:28:07.3
i 10.9
iS 20.2

iP 07:21:29.1
eS 50.0

iP 10:14:07.3
iS 20.8

iP 10:42:39.0
iS 56.8

Aug.23 1968
iP 10:49:54.1
iS 50:13.5
Compression

iP 13:17:39.3
iS 18:11.8

iP 15:18:03.7

iP 16:40:36.8
eS 54.1

iP 17:06:07.2
iS 32.1
i 33.0
Compression

iP 17:39:06.4
iS 26.5

iP 18:20:02.2
iS 21.4
Compression

iP 18:53:30.9
iS 52.3

iP 19:43:22.3
Compression

iP 20:15:12.0
eS 12.9
i 30.0

iP 22:38:18.7

24
iP 03:20:59.0

iP 04:29:19.0
eS 36.7

iP 05:34:53.6
eS 35:05.1

iP 05:42:43.8
iS 43:00.3
Dilatation

iP 06:29:36.3
eS 54.4
Compression

iP 08:18:42.3
eS 51.5
i 52.2

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Aug.24 1968
iP 08:38:53.0
iS 39:05.5
Dilatation

iP 09:18:12.2
iS 33.9
Compression

iP 11:17:35.0
iS 18:04.4
Compression
iP 11:34:20.6
iS 53.0
i 54.8
Compression

iP 13:36:18.2
i 22.4

iP 19:06:37.0
Dilatation

iP 19:29:54.5
eS 30:39.0

25 iP 02:40:22.5
iS 37.9
Dilatation

iP 03:01:48.7
eS 02:02.9

iP 03:24:35.7
i 37.1

iP 03:30:03.3
iS 16.2
Dilatation

iP 05:41:07.0
eS 27.9
Compression

iP 08:01:09.9
eS 29.3

iP 11:12:22.1
iS 40.9
Compression

iP 14:13:47.1
iS 14:01.2

iP 14:32:50.3
eS 33:02.0
Compression

iP 21:34:04.2

Aug.25 1968
iP 22:10:20.6
eS 39.0

26 iP 03:20:40.3
iS 51.5

iP 04:25:53.2
iS 26:06.4
Compression

iP 05:06:05.6
i 09.8

iP 08:22:30.5
iS 49.9
Compression

iP 09:10:19.1
eS 53.2

iP 09:21:23.1
iS 50.9
Dilatation

iP 10:15:28.6
iS 48.1

iP 11:11:52.0
eS 12:05.3

iP 12:06:52.3
eS 07:11.4

iP 13:29:25.9
eS 51.7

iP 14:02:50.4
iS 03:15.6
Dilatation

iP 14:28:45.6
iS 45.6
Dilatation

iP 14:49:32.9
iS 45.9
Compression

iP 17:25:48.8
iS 26:43.0

iP 22:27:08.9
iS 21.3
Dilatation

27 iP 03:41:30.4
eS 42:43.0

Aug.27 1968
iP 04:16:18.4
iS 40.3
Compression

iP 07:03:03.0
eS 34.7
Dilatation

iP 08:18:09.7
eS 29.3
Compression

iP 08:36:40.3
iS 58.0
i 58.3

iP 11:14:44.3
iS 15:09.8

eP 12:23:13
eS 24:17.7

eP 12:25:19
iS 44.3

iP 12:51:15.8
eS 44.1

iP 13:09:13.3
eS 26.8

iP 17:32:04.0
eS 19.7

iP 18:26:53.2
eS 12.0

28 iP 22:00:29.2
iS 42.0
Compression

iP 22:24:32.8
iS 44.1
Dilatation

iP 23:40:19.2
i 20.7
iS 41:01.7

29 eP 01:13:46
e 48.9

iP 01:58:30.4

iP 02:05:08.9
Compression

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Aug.29 1968	iP	02:32:48.3
	iS	16.4
	iP	03:23:02.4
	eS	23.1
	iP	05:52:37.2
	eS	52.4
	iP	05:55:08.1
	eS	24.1
	iP	06:43:31.2
	Dilatation	
	iP	08:02:38.4
	eS	52.2
	iP	15:05:43.2
	iS	55.1
	Dilatation	
	iP	16:43:06.9
	eS	27.5
	iP	18:53:06.9
	Dilatation	
	iP	18:53:18.4
	iS	39.9
	Compression	
	iP	19:49:18.1
	Compression	
	iP	19:51:17.5
	iS	19.1
	iP	20:01:09.8
	e	14.3
30	iP	01:45:48.0
	eS	46:00.6
	iP	01:51:19.0
	eS	35.3
	iP	02:09:55.6
	eS	10:20.2
	iP	02:21:47.2
	iS	22:03.1
	Dilatation	
	iP	02:40:44.8
	iS	50:10.9

Aug.30 1968	iP	03:28:56.5
	iS	29:12.0
	Dilatation	
	iP	03:40:33.6
	iS	53.3
	iP	04:21:07.4
	eS	38.9
	Dilatation	
	iP	09:15:18.9
	eS	34.2
	eP	09:59:42
	iS	10:00:15
	Dilatation	
	iP	10:49:01.7
	iS	20.9
	iP	10:50:45.7
	iS	56.8
	Compression	
	iP	11:54:35.8
	iS	52.1
	Dilatation	
	iP	14:10:37.2
	iS	48.8
	Dilatation	
	iP	17:04:13.3
	eS	40.4
	iP	17:21:32.5
	eS	22:11.3
	iP	17:37:35.8
	Compression	
	iP	18:00:18.0
	eS	39.0
	Dilatation	
	iP	18:48:56.9
	iP	18:52:41.2
	eS	57.8
	iP	19:05:28.2
	eS	06:11.6
	iP	19:24:43.1
	eS	56.3

Aug.30 1968	iP	19:39:53.0
	iP	19:52:24.7
	Compression	
	iP	20:01:14.3
	eS	26.3
	iP	22:29:04.4
	eS	16.5
	Dilatation	
	iP	23:11:02.7
	eS	19.3
31	iP	01:02:50.0
	iS	03:00.9
	Dilatation	
	iP	01:43:42.9
	iS	54.3
	Dilatation	
	iP	04:01:42.3
	eS	02:14.7
	iP	06:05:38.4
	eP	06:22:18
	eS	34.0
	iP	07:39:35.0
	eS	52.9
	iP	07:51:11.4
	eS	35.0
	Compression	
	iP	07:58:46.9
	eS	31.6
	iP	08:30:33.0
	eS	31:06.1
	iP	08:43:06.1
	iS	17.7
	Compression	
	iP	09:43:19.2
	eS	46.8
	iP	09:54:19.1
	iS	30.5
	iP	12:02:09.4
	eS	26.8

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Aug.31 1968	iP	13:27:36.6
	eS	29:10.2
	iP	13:51:54.1
	eS	53:09.0
	e	09.3
	iP	17:14:58.1
	iS	15:08.9
	Compression	
	iP	18:44:36.3
	iS	45:00.6
	Dilatation	
	iP	20:25:58.4

Señores
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SCOTLAND

IMPRESO ORDINARIO

10 MAR 1972

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Casilla 2777
Santiago, Chile

1968

PROVISIONAL READINGS AT CALAMA

22°28'47.5" S 69°01'34.0" W h2000 m.

*

Sep.01 1968
iP 01:45:45.0
eS 46:14.4
i 17.9

iP 02:22:21.7
iS 41.4
Compression

iP 05:38:22.3
i 22.7
iS 39.9

iP 06:01:11.5
iS 22.1
i 23.0
Compression

iP 06:50:01.2
e 02.0
iS 36.9

iP 08:39:53.0
Compression

iP 09:39:19.4
i 19.7
iS 35.9

iP 10:54:14.7
eS 27.4
Compression

iP 11:21:13.6
eS 31.4
Compression

iP 12:20:09.3
iS 22.0
Dilatation

iP 15:18:44.0
iS 19:26.7
Dilatation

iP 15:46:30.9
iS 44.6
Dilatation

iP 16:55:03.8
Compression

iP 18:46:09.8
eS 31.4

iP 20:30:51.7
iS 01.3
i 02.0
Dilatation

Sep.02 1968
iP 00:04:21.6
iS 37.2
Compression

iP 02:43:15.3
eS 30.3

iP 05:14:13.3
eS 31.7

iP 08:08:10.7
eS 31.9

iP 08:36:49.4
eS 37:22.3

iP 09:01:34.1
eS 56.3
Dilatation

iP 09:39:26.3
iS 40.2

iP 12:09:03.4
iS 23.4
Compression

iP 12:25:43.3

iP 15:54:32.0
i 32.2
iS 45.4

iP 15:58:47.7
iS 59:00.8
i 01.1

03 iP 01:32:18.0
eS 38.9

iP 03:03:54.7
iS 04:08.1
i 08.9

iP 03:17:14.1
iS 26.2

iP 04:14:42.8

iP 04:18:01.9
iS 16.3
Compression

iP 04:50:11.5
iS 32.9
i 39.2
Dilatation

Sep.03 1968
iP 06:50:41.0
iS 55.0

iP 10:32:23.7
Compression

iP 12:49:57.3
e 57.8
eS 50:40.9

iP 13:20:15.7
iS 29.4

iP 14:54:07.9
eS 31.4
e 33.0

iP 15:23:16.2
iS 37.3
Compression

iP 15:42:27.9

iP 16:13:41.0
iS 55.5
Compression

iP 18:55:26.9
Compression

iP 19:22:46.0
eS 23:05.9

iP 19:56:20.9
Compression

iP 21:56:22.1
iS 38.1
i 39.9

04 iP 04:12:51.1
iS 02.3

iP 06:19:32.3
eS 51.2
e 52.0

iP 06:52:00.8
iS 12.8
Dilatation

iP 08:58:28.8
iS 50.9
Compression

iP 10:07:55.7
iS 08:22.6
Compression

---

* Sep. 01 iP 01:27:07.1
eS 25.5

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PROVISIONAL READINGS AT CALAMA

Sep.04 1968
iP 10:31:46.7
iS 32:06.6
Compression

iP 10:50:07.6
iS 20.0
Compression

iP 11:12:58.0
iS 13:48.8
Compression

iP 13:28:13.3
eS 51.7
i 52.1

iP 14:33:49.9
eS 23.8
e 25.1

iP 16:44:50.8
iS 45:11.0
Dilatation

iP 17:40:52.9
eS 41:04.1
Compression

iP 18:05:20.8
eS 44.8

iP 18:20:06.8
eS 17.6
i 18.4

iP 19:11:02.2
eS 24.1

iP 22:56:43.1
iS 59.9

iP 23:07:01.3
iS 18.3
Dilatation

05 iP 00:24:41.3
eS 25:00.7

iP 02:48:20.9

iP 03:40:17.2
eS 50.9

Sep.05 1968
iP 04:10:19.3
iS 38.5
i 39.8
**
iP 06:48:10.3
eS 32.5

iP 07:45:32.9
iS 53.9
Dilatation

iP 08:55:04.0
iS 19,2
Dilatation

eP 09:00:48
iS 01:18.1

iP 11:11:12.3
eS 31.0

iP 11:46:00.0
iS 24.0
Dilatation

iP 12:20:48.9
eS 21:21.1

iP 12:54:26.1
iS 35.7
Dilatation

iP 15:54:23.3
Compression

iP 19:10:55.1
eS 11:24.9

iP 19:44:41.9
Compression

iP 21:45:55.8
iS 46:11.3
i 11.7
Compression

iP 22:32:02.3
iS 26.3
Compression

iP 23:16:05.0
i 05.2
iS 16.3

Sep.05 1968
iP 23:30:48.1
eS 31:08.0
i 08.2
Compression

06 iP 01:15:22.0
eS 51.6

iP 07:48:51.9
eS 49:22.9

iP 08:08:40.9
iP 58.3

iP 08:37:15.5
iS 32.0
Compression

iP 08:52:43.7

iP 08:59:09.1
eS 24.2

iP 12:04:44.8
eS 11.1
i 18.1

iP 12:41:35.0
eS 56.8

iP 14:33:50.4
iS 02.0

iP 16:33:41.4
eS 34:15.1

iP 19:14:00.0
Compression

iP 19:35:36.3
iS 48.3
Compression

iP 19:55:39.3
iS 58.0

iP 21:21:18.0
i 18.8
iS 40.3
*
iP 22:35:54.9
iS 36:27.0

* Sep.05 1968
iP 04:40:02.9
iS 21.6

Sep.06 1968
iP 22:19:31.3
iS 20:05.9

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1968

PROVISIONAL READINGS AT CALAMA

Sep.07 1968
iP 00:16:49.3
eS 17:20.0

eP 00:54:00
iS 33.1

iP 01:59:41.4
iS 55.9
i 58.1

iP 03:33:29.0
iS 47.5
Dilatation

iP 03:58:03.6
eS 29.0

iP 05:09:09.1
iS 28.2
Compression

iP 07:23:39.2
Compression

iP 08:19:42.9
eS 20:02.1
Compression

iP 15:19:19.5
iS 42.2

iP 16:15:19.3
iS 16:14.3

iP 18:25:31.3
iS 46.0
Compression

iP 22:50:48.7
iS 57:03.0
Compression

08 iP 00:05:30.6
iS 43.5

iP 01:18:32.5
iS 46.3
Compression

iP 02:00:29.0
iS 45.3
i 46.1
Dilatation

iP 04:30:16.5
eS 37.6

Sep.08 1968
iP 08:20:41.2
iS 53.9
Dilatation

iP 10:24:36.2
iS 52.5

iP 17:22:00.3
iS 12.9
Dilatation

iP 17:48:04.9
eS 28.1
Compression

iP 18:07:15.5
iS 28.4
Compression

iP 18:19:17.8
Dilatation

iP 18:29:51.8
Compression

iP 20:05:16.7
eS 35.9
Dilatation

iP 20:34:47.9
eS 35:03.5

iP 21:44:17.2
Dilatation

iP 23:37:43.5
iS 38:07.1
i 07.3

09 iP 00:11:31.3
iS 46.1

iP 00:22:06.2
iS 21.0
Dilatation

iP 02:32:10.0

iP 05:17:13.0
iS 26.0
Compression

iP 06:39:51.9
iS 40:25.7

Sep.09 1968
iP 06:46:00.4
eS 12.9

iP 06:56:38.1
eS 57:10.3
e 11.1

iP 08:23:00.1
Dilatation

iP 09:46:35.3
eS 55.9

iP 11:39:42.8
iS 58.7
Compression

iP 11:40:11.0
iS 31.8

iP 11:41:37.9
iS 32.2

iP 13:45:08.9
iS 20.2
Compression

iP 14:21:32.6
iS 47.5
Compression

iP 16:01:08.6
iS 23.0
Compression

iP 18:47:50.0
eS 48:10.1
Compression

iP 19:11:58.7
iS 12:15:6

iP 19:46:43.6

iP 21:23:08.9
eS 42.0

iP 22:03:56.9
iS 04:12.0
i 12.9
Compression

iP 22:43:37.7
iS 52.1
Compression

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PROVISIONAL READINGS AT CALAMA

Sep.10 1968
iP 00:04:02.0
Compression

iP 01:40:20.9
iS 47.9
Compression

iP 05:25:27.7
Dilatation

iP 06:36:25.5
eS 35.9
e 36.7
Compression

iP 09:40:10.7
iS 26.1
Dilatation

iP 11:31:17.5
eS 35.9

iP 12:01:29.2
iS 02:04.1
Compression

iP 12:29:31.7
eS 52.1

iP 17:53:09.5
eS 54:01.6

iP 19:59:17.9
Dilatation

iP 20:26:29.5
iS 41.7
Compression

iP 21:56:46.1
iS 57:08.9
Compression

11 iP 03:32:25.6
eS 50.7
Dilatation

iP 04:47:16.9
iS 48.7
Dilatation

iP 05:01:16.9
iS 37.2
Compression

Sep.11 1968
iP 05:14:56.1
iS 15:16.7
Dilatation

iP 07:31:13.6
eS 23.8
Dilatation

iP 08:59:19.9
eS 38.8
i 39.3

iP 09:52:40.1
i 41.4
iS 56.1
i 58.3

iP 09:53 16.9
iS 30.3
Compression

iP 10:16:05.7
eS 24.9

iP 11:40:25.3
eS 30.1
i 36.4
Dilatation

iP 13:48:51.5
eS 49:17.7
i 18.8

eP 14:43:45

iP 17:25:05.0
iS 30.8
Dilatation

iP 20:00:29.5
iS 49.0
Dilatation

iP 23:19:57.6
iS 20:15.1
Compression

iP 23:58:35.8
iS 55.4

12 iP 00:29:34.8
eS 50.4

iP 01:01:10.1
iS 23.5
Compression

Sep.12 1968
iP 01:54:14.3
Compression

iP 03:20:37.1
iS 51.0
Compression

iP 05:33:20.2
eS 52.4
e 52.8

iP 13:06:18.9
iS 32:50.8
Compression

iP 16:00:19.3
eS 39.1
Compression

iP 16:50:11.1
iS 22.2
Dilatation

iP 17:26:09.9
eS 33.5

iP 21:21:54.7
eS 22:13.1

iP 21:35:13.1
eS 34.1

13 iP 04:56:12.1
Dilatation

iP 05:39:26.4
eS 52.7
Dilatation

iP 06:07:46.7
eS 08:04.8

iP 06:29:51.3
iS 30:06.7

iP 09:47:08.5
iS 48:22.0
Dilatation

iP 10:44:04.5
eS 29.2
Dilatation

iP 11:02:05.8
eS 25.2

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PROVISIONAL READINGS AT CALAMA

Sep.13 1968

	iP	11:34:03.7
	eS	20.3
	iP	11:42:02.7
	eS	53.4
	iP	14:47:07.6
	iS	26.2
	Compression	
	iP	19:25:49.9
	Compression	
	iP	19:54:34.9
	iS	51.2
	iP	23:14:49.8
	iS	15:04.4
14	iP	00:36:19.4
	iS	31.2
	Compression	
	iP	00:53:01.7
	iS	17.9
	Compression	
	iP	04:18:56.6
	eS	19:08.5
	iP	04:45:49.9
	eS	46:11.0
	iP	06:05:01.7
	eS	32.7
	i	33.2
	iP	06:06:09.3
	eS	46.6
	iP	09:19:18.4
	iS	35,3
	i	39.8
	Dilatation	
	iP	10:27:28.0
	iS	36.4
	Dilatation	
	iP	10:53:30.4
	iS	45.9
	Compression	

Sep.14 1968

	iP	12:36:47.6
	iS	37:05.5
	iP	14:50:57.0
	Dilatation	
	iP	16:54:03.9
	eS	20.5
	Compression	
	iP	18:27:35.8
	iS	46.7
	iP	18:55:04.7
	i	05.5
	iP	19:12:06.5
	eS	20.6
15	iP	00:08:17.0
	eS	36.4
	i	41.7
	Dilatation	
	iP	02:19:47.8
	iS	20:01.5
	iP	04:36:59.0
	eS	37:32.3
	iP	05:33:27.9
	eS	50,4
	iP	09:29:50.8
	es	30:30.9
	iP	10:14:52.1
	i	52.4
	iP	12:24:43.2
	iS	53.4
	i	53.7
	Dilatation	
	iP	15:16:02.6
	eS	19.1
	iP	17:29:13.3
	eS	38.5
	i	41.6

Sep.15 1968

	iP	19:48:41.8
	Compression	
	iP	20:11:40.3
	eS	12:02.4
	iP	20:12:49.3
	eS	51.6
	iP	21:53:34.7
	iS	54:28.9
	iP	23:05:14.3
	iS	32.1
	Compression	
	iP	23:33:42.6
	iS	56.6
	Dilatation	
16	iP	02:15:12.3
	iS	36.6
	Dilatation	
	iP	04:05:21.3
	iS	34.4
	iP	06:27:40.4
	iS	28:01.3
	Compression	
	iP	08:02:42.2
	iS	03:14.1
	iP	09:44:08.9
	iS	40.7
	i	41.9
	Dilatation	
	iP	10:37:38.9
	iS	53.9
	iP	12:33:35.5
	iS	57.9
	Compression	
	iP	16:39:36.1
	iP	17:58:36.3
	iS	58.2
	Compression	

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PROVISIONAL READINGS AT CALAMA

Sep.16 1968	iP	23:15:10.9	
	eS	41.3	
	iP	23:24:18.9	
	iS	32.3	
	i	36.8	
	Dilatation		
17	iP	02:00:16.9	
	iS	29.6	
	Dilatation		
	iP	04:33:22.3	
	eS	39.9	
	i	40.6	
	Dilatation		
	iP	05:40:57.9	
	iS	41:10.6	
	Dilatation		
	iP	07:30:31.7	
	iS	54.3	
	Compression		
	iP	07:49:11.9	
	iS	27.7	
	iP	10:14:27.4	
	eS	15:01.7	
	iP	10:54:37.3	
	eS	51.2	
	e	52.3	
	iP	13:31:47.5	
	eS	32:06.6	
	Compression		
	iP	16:02:03.6	
	iS	33.5	
	iP	16:15:36.5	
	eS	16:09.2	
	iP	17:08:48.8	
	Compression		
	iP	19:33:47.6	
	iS	34:00.9	
	i	01.5	
	Compression		
Sep.17 1968	eP	22:53:31.8	
	iP	22:56:17.7	
	iS	28.6	
	i	30.7	
18	iP	02:29:06.4	
	eS	20.5	
	Dilatation		
	iP	06:01:28.9	
	iS	02:04.6	
	Compression		
	iP	06:23:58.5	
	iS	24:30.6	
	Compression		
	iP	06:52:19.7	
	iS	33.6	
	i	34.0	
	Dilatation		
	iP	06:55:21.3	
	iS	42.8	
	Compression		
	iP	12:38:26.2	
	iS	42.4	
	Dilatation		
	iP	13:54:28.3	
	iS	47.5	
	Dilatation		
	iP	21:11:08:5	
	eS	22.6	
	e	23.1	
	Compression		
	iP	23:53:42.9	
	iS	54:08.9	
	Compression		
19	iP	01:06:19.7	
	eS	36.2	
	Compression		
	iP	03:37:12.5	
	eS	31.3	
	e	31.5	
Sep.19 1968	iP	04:39:08.9	
	i	10.6	
	iS	40:41.4	
	iP	05:31:30.3	
	iS	50.9	
	iP	08:50:30.7	
	iS	48.8	
	iP	08:56:50.5	
	e	55.4	
	eS	57:04.5	
	iP	09:39:39.6	
	Compression		
	iP	09:53:19.1	
	iS	49.2	
	Compression		
	iP	13:48:16.4	
	eS	26.7	
	iP	15:00:19.1	
	iS	49.2	
	Dilatation		
	iP	16:41:02.5	
	eS	23.7	
	iP	17:56:31.5	
	iS	36.9	
	i	38.5	
	iP	21:42:47.0	
	iS	43:01.9	
	Dilatation		
	iP	22:58:52.7	
	iS	59:14.5	
	Compression		
20	iP	00:13:11.0	
	eS	37.0	
	iP	03:01:34.3	
	eS	02:16.7	
	iP	04:34:16.6	
	iP	06:06:52.6	
	Dilatation		

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Sep.20 1968	iP	06:31:40.5
	iS	54.7
	i	55.2
	iP	07:30:07.9
	i	08.4
	iS	25.5
	i	01.0
	iP	09:01:49.7
	iS	02:16.9
	Dilatation	
	iP	09:43:51.8
	iS	44:14.6
	iP	13:38:04.8
	iS	25.3
	Dilatation	
	iP	14:15:21.5
	iS	57.8
	Compression	
	iP	16:00:12.7
	iS	23.6
	i	32.2
	iP	18:33:36.9
	iS	49.8
	iP	19:09:49.8
	es	59.3
	i	59.9
	Dilatation	
	iP	21:07:04.4
	iS	38.5
	Dilatation	
21	iP	00:59:04.8
	iS	18.8
	i	19.9
	Compression	
	iP	01:34:01.0
	iS	21.9
	Compression	
	iP	01:40:58.9
	iS	41:12.3
	Dilatation	

Sep.21 1968	iP	06:24:17.6
	iS	45.7
	i	46.3
	Compression	
	iP	07:04:26.9
	iS	45.4
	Dilatation	
	iP	07:46:18.6
	iS	31.6
	i	32.9
	Dilatation	
	iP	09:12:54.2
	iS	13:14.3
	Dilatation	
	iP	11:53:32.6
	iS	53.8
	Compression	
	iP	14:05:15.6
	eS	31.6
	iP	15:24:48.9
	iS	25:04.1
	Compression	
	iP	16:21:20.8
	eS	55.6
	iP	17:39:21.0
	eS	35.9
	iP	18:24:05.2
	eS	25.9
	iP	20:15:58.4
	eS	16:19.6
	iP	21:20:22.3
	iS	43.0
22	iP	00:18:11.7
	eS	28.0
	iP	00:59:30.6
	iS	51.5
	Compression	

Sep.22 1968	iP	03:05:27.9
	iS	28.4
	iS	43.4
	Compression	
	iP	03:32:36.3
	iS	51.7
	iP	05:54:39.0
	eS	55:02.9
	iP	05:58:41.7
	eS	59.8
	iP	06:17:19.8
	iS	34.7
	i	35.5
	Dilatation	
	iP	06:35:31.6
	iS	52.3
	Dilatation	
	iP	10:09:30.9
	iS	43.7
	Compression	
	iP	11:55:53.8
	iS	56:08.6
	iP	11:58:28.8
	e	29.7
	iP	12:56:51.5
	iS	57:22.9
	Compression	
	iP	13:13:28.9
	iS	46.8
	Dilatation	
	iP	13:39:08.6
	iS	28.6
	Compression	
	iP	13:45:32.2
	iS	48.1
	Dilatation	
	iP	15:13:16.5
	iS	36.4
	Compression	

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Departamento de Geofísica y Geodesia

Casilla 2777
Santiago, Chile

1968

PROVISIONAL READINGS AT CALAMA

Sep.22 1968
iP 18:25:21.6
iS 34.5

iP 21:53:41.4
Compression

iP 22:07:22.5
Dilatation

iP 23:38:59.3
iS 39:26.4
Dilatation

iP 23:42:33.0
iS 43:04.8
i 06.1
Compression

23 iP 00:52:14.1
eS 34.2

iP 01:03:54.2
iS 04:26.5
Dilatation

iP 01:15:30.6
iS 50.8
Compression

iP 02:25:26.3
iS 59.4
Compression

iP 03:55:53.7
iS 56:26.9
Compression

iP 04:00:02.6
iS 22.8
Compression

iP 04:25:44.0
eS 26:15.1
e 15.9

iP 05:31:25.6
iS 38.8
Compression

iP 05:43:26.4
eS 59.5
Dilatation

Sep.23 1968
iP 07:53:03.8
Compression

iP 08:01:16.3
eS 43.4

iP 08:18:30.6
Compression

iP 09:34:28.9
iS 29.2
iS 41.4
Compression

iP 10:27:20.3
iS 40.3

iP 11;47:40.0
iS 48:00.2
Dilatation

iP 12:50:37.6
iS 55.4

iP 13:17:29.6
iS 32.1
Compression

iP 13:23:38.7
eS 24:13.7

iP 16:53:12.3
Compression

iP 18:52:28.7
eS 44.0

iP 19:19:15.5
Dilatation

iP 19:27:46.3
Compression

iP 20:41:43.3
iS 59.2
Dilatation

iP 21:37:30.7
eS 38:02.3

ip 23:53:35.8
iS 54:08.5
Dilatation

Sep.24 1968
iP 01:43:57.6
Compression

iP 03:27:45.1
iS 58.5
Dilatation

iP 03:29:21.3
eS 32.4
i 33.0
Dilatation

iP 06:10:14.6
e 15.2
eS 11:00.2

iP 08:11:28.8
iS 31.2
Compression

iP 14:06:35.9
iS 46.6

iP 19:51:49.2
Compression

25 iP 02:16:15.5
eS 37.2
Dilatation

iP 05:49:58.2
Dilatation

iP 06:04:52.1
Compression

iP 06:33:29.3
Dilatation

iP 09:15:10.4
iS 23.4
Compression

iP 10:28:32.5
e 32.7
i 33.6

iP 10:46:37.6

iP 11:22:21.5
eS 33.7

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PROVISIONAL READINGS AT CALAMA

Sep.25 1968

	iP	15:54:09.6
	e	10.5
	eS	42.2
	iP	16:30:11.4
	iS	25.7
	Dilatation	
	iP	17:30:54.9
	i	55.1
	iS	10.4
	iP	18:11:04.1
	iS	15.6
	Compression	
	iP	18:37:15.2
	eS	41.5
	i	41.7
	Compression	
26	iP	02:51:48.7
	eS	52:16.0
	iP	06:03:38.9
	es	49.7
	iP	08:08:04.8
	iS	17.3
	Dilatation	
	iP	09:26:38.5
	eS	58.1
	Compression	
	iP	10:42:33.2
	iS	45.7
	Dilatation	
	iP	11:10:02.4
	iS	16.5
	iP	12:05:10.3
	iS	31.4
	i	31.6
	Compression	
	iP	13:18:47.1
	iS	19:01.1
	i	01.3
	Compression	
	iP	13:37:05.5
	Dilatation	

Sep.26 1968

	iP	13:42:01.2
	Dilatation	
	iP	14:55:09.2
	eS	23.4
	iP	16:32:26.4
	iS	39.1
	iP	16:59:13.3
	i	13.6
	iS	39.5
	iP	18:29:43.6
	eS	30:28.5
	iP	23:40:20.4
	eS	39.8
	iP	23:57:25.1
	eS	47.6
	Compression	
27	iP	01:04:28.4
	iS	42.2
	i	42.8
	iP	03:35:45.1
	eS	57.3
	i	57.6
	iP	04:18:22.7
	Compression	
	iP	05:34:15.4
	eS	32.9
	Dilatation	
	iP	07:32:28.8
	iS	57.2
	i	33:00.5
	Dilatation	
	iP	08:12:57.8
	iS	13:17.6
	Dilatation	
	iP	10:07:11.5
	iS	14.1
	Compression	
	iP	10:38:44.1
	Compression	

Sep.27 1968

	iP	11:56:39.4
	eS	57:02.3
	iP	12:22:37.9
	eS	23:10.2
	iP	13:29:14.8
	eS	29.6
	iP	14:13:46.5
	eS	14:08.5
	Compression	
	iP	18:11:31.0
	iS	12:00.8
	iP	22:06:25.8
	iS	40.5
	Dilatation	
28	Electric Stoppage	
30	iP	02:35:14.5
	iS	37.6
	i	38.9
	Compression	
	iP	03:11:38.8
	iS	49.8
	Compression	
	iP	03:26:19.4
	eS	32.1
	Compression	
	iP	04:17:57.5
	i	18:00.5
	iS	39.9
	i	42.3
	iP	07:25:35.7
	eS	55.4
	iP	08:05:54.0
	Dilatation	
	iP	09:55:47.9
	iS	56:01.3
	Dilatation	
	iP	10:14:08.6
	eS	28.5
	Compression	

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PROVISIONAL READINGS AT CALAMA

Sep.30 1968	iP	10:58:14.6	Sep.31 1968	iP	14:49:03.6
	iS	15.0		iS	29.6
	iS	55.6		i	33.1
	iP	13:30:22.0		iP	16:19:33.5
				iS	49.5
	iP	13:48:21.0			
	iS	39.3			
	Compression				
	iP	15:59:07.3			
	iS	28.2			
	iP	16:47:28.9			
	eS	48:04.5			
	iP	19:54:58.7			
	iS	55:12.5			
	iP	20:53:21.2			
	iS	33.6			
	iP	23:41:58.5			
	eS	42:17.5			
31	iP	00:58:41.0			
	iS	56.2			
	Dilatation				
	iP	01:46:09.8			
	eS	42.2			
	i	44.7			
	iP	05:21:51.8			
	iS	22:24.8			
	Dilatation				
	iP	05:31:46.5			
	eP	05:37:13			
	e	14.2			
	iP	08:57:56.5			
	iS	58:13.3			
	Compression				
	iP	10:26:09.0			
	iS	19.3			
	i	19.5			
	iP	11:05:42.4			
	e	46.4			

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

IMPRESO ORDINARIO

19 APR 1972

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Departamento de Geofísica y Geodesia

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Santiago, Chile

1968

PROVISIONAL READINGS AT CALAMA
22°28'47.5"S 69°01'34.0"W h 2000 m.

Oct.01 1968
iP 00:58:41.0
iS 56.2
Dilatation

iP 05:21:51.8
eS 22:24.8
Dilatation

iP 05:31:46.5

eP 05:37:13
iP 14.2
i 25.7
i 34.7

iP 08:57:56.5
iS 58:13.3
Compression

iP 10:26:08.2

eP 11:05.40

iP 14:49:01.7
e 29.6

iP 16:19:33.5
iS 49.5

02 eP 00:48:50

iP 01:13:28.9
is 59.5
Dilatation

iP 06:32:22.8
Compression

From 07:00 to 04:30 /03, seismograms failed.

03 iP 07:56:52.9
iS 57:13.4
Dilatation

iP 10:06:11.4
e 44.8
iS 46.0
Dilatation

iP 10:23:01.8
eS 17.2

Oct.03 1968
iP 11:46:33.0
iS 51.5
Dilatation

Station Stopped
From 03 at 15:00
to 04 at 03:00.

04 iP 04:26:00.6
iS 11.7
Dilatation

iP 06:12:47.7

iP 11:23:18.8

iP 12:22:47.7
eS 23:00.5

iP 18:58:02.7
iS 24.6
Compression

iP 19:29:45.2
iS 30:13.6
Dilatation

iP 20:04:45.9
iS 50.6
Compression
Explosion?

iP 21:12:44.9
eS 59.0

iP 21:45:28.9

iP 23:02:09.8

05 iP 00:52:10.0
Dilatation

iP 00:59:29.1
Compression

eP 02:39:12
eS 39

iP 05:15:53.7
iS 16:09.9
Compression

Oct.05 1968
eP 05:56:19
iS 30.9

iP 11:24:23.5
iS 36.3
Compression

iP 18:14:52.5
iS 15:06.9
Compression

iP 18:43:06.8
iS 17.7
Dilatation

06 iP 02:45:46.3
iS 46:02.9
Compression

eP 03:25:48
i 54.3
iS 26:00.0

iP 06:38:23.2
eS 38.3

iP 08:55:42.5
iS 54.7

iP 14:05:41.7
iS 06:00.5
Dilatation

Station Stopped
From 06 at 21:00
to 08 at 02:25.

08 iP 10:19:09.5
eS 29.3

eP 10:48:31
i 40.3
i 56.2

iP 13:07:04.3
i 18.8
e 30.5

iP 14:54:21.3
Compression

iP 15:29:01.8
e 21.8
i 34.9

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PROVISIONAL READINGS AT CALAMA

Oct.08 1968
iP 17:55:21.3
iP 18:18:00.7
i 16.8
i 21.0
iP 18:47:44.9
iS 48:03.0
Compression

09 iP 00:43:45.4
iS 58.8
iP 04:04:22.8
iS 55.4
iP 04:44:27.2
iS 39.6
iP 12:47:22.0
iS 35.3
Compression
iP 15:58:27.7
iS 46.9
Compression
eP 17:01:46
eS 02:00.3
iP 19:24:00.1
Dilatation
iP 19:48:54.9
Compression
iP 19:52:51.7
iS 53:02.5
Compression

10 iP 04:37:00.5
iS 23.0
eP 08:53:19
iP 15:35:33.5
iS 44.2
Compression
iP 18:35:01.2
eS 22.6
Dilatation

Oct.10 1968
iP 21:36:37.2
iS 48.3
Compression

11 iP 00:56:17.6
eS 30:3
iS 30.8
iP 07:50:48.4
Dilatation
iP 15:28:53.4
iS 29:07.7
Compression
iP 16:05:17.6
Compression
iP 21:11:23.7
i 57.2
Compression

12 iP 02:19:16.8
iP 04:08:39.5
iS 55.3
Compression
iP 04:43:57.2
iS 44:28.5
Compression
iP 05:55:38.9
iS 53.7
Compression
iP 22:41:48.4
Compression

13 iP 07:47:35.6
iS 54.2
iP 08:35:49.3
iS 36:08.8
Compression

Station Stopped
From 13 at 15:10
to 13 at 20:30.

14 iP 07:31:08.9
iS 12.8

Oct.14 1968
iP 08:46:02.3
iS 22.0
Compression
iP 15:07:07.5
iS 30.5
Dilatation
iP 18:50:47.4
i 57.8
iS 59.1

15 iP 00:12:20.7
Dilatation
iP 08:37:18.9
Dilatation
iP 16:24:16.1
iS 32.4
iP 17:06:07.0
e 32.4
iP 20:16:36.0
Dilatation
iP 21:50:19.0
iS 34.4
Compression

16 iP 00:16:56.1
eS 17:13.6
Dilatation
eP 01:26:40
iP 02:42:37.4
iS 54.1
Dilatation
iP 03:24:37.1
i 41.9
iS 51.4
iP 03:27:08.7
iS 22.9
iP 11:35:35.8
iS 59.7
Compression

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PROVISIONAL READINGS AT CALAMA

Oct.16 1968
iP 14:09:05.2
eS 20.9

iP 15:16:15.7
e 37.6

iP 17:22:04.8

iP 18:43:13.5
iS 26.8
Compression

iP 19:49:57.0
Compression

iP 23:27:10.0
Compression

17 iP 06:17:52.3
iS 18:13.4
Compression

iP 06:39:20.3
eS 41.2
iS 41.6
Compression

iP 08:41:13.3
Dilatation

iP 15:22:22.2
eS 43.0

iP 20:00:12.8
Compression

iP 20:47:01.8
Compression

18 iP 02:43:50.3
iS 44:07.8
Compression

iP 07:10:12.0
iS 31.2
Compression

iP 07:23:51.8
iS 24:10.0
Compression

iP 15:58:03.7
Compression

Oct.18 1968
iP 19:28:49.1
Dilatation

iP 20:02:29.5
Compression

eP 20:25:43.0
eS 44.9

iP 21:22:45.3

19 iP 00:56:09.4
eS 54.8
Compression

iP 09:09:51.9
iS 10:04.9
Dilatation

iP 14:51:30.9
i 52:04.6

iP 18:06:53.7
eS 07:17.2
Compression

iP 19:01:49.6
iS 02:05.0
Compression

iP 19:14:46.7
iS 54.8
Compression

iP 20:51:58.7
eS 52:26.3
iS 27.0
Dilatation

20 iP 01:30:55.2
iS 31:25.4

iP 02:02:41.2
iS 58.1

iP 04:50:40.0
Dilatation

iP 05:06:42.8

iP 06:01:09.0
iS 28.8
Compression

Oct.20 1968
iP 07:13:55.9
i 14:13.5
Compression

iP 07:53:07.8
i 18.9
Compression

iP 11:20:37.5
Compression

Failure from 16:10 to 23:44

Station stopped from 22 at 23:44 to 29 at 17:33

29 iP 18:22:34.3
i 36.8
iS 23:11.5

iP 19:27:48.8
iS 59.5
Compression

30 iP 00:13:26.4
eS 52.2
Dilatation

iP 00:23:05.5
e 31.7
iS 39.9

iP 02:37:57.8
eS 38:30.2

iP 04:21:10.8
iS 30.0
Compression

iP 12:59:51.0
eS 13:00:22
Dilatation

iP 13:53:29.8
iS 43.3
Compression

iP 14:58:38.5

iP 22:00:46.0
Compression

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PROVISIONAL READINGS AT CALAMA

Oct.31 1968
iP 01:21:47.1
iS 22:19.2
Dilatation

iP 03:41:58.3
iS 42:12.0
Dilatation

iP 03:59:53.9
eS 04:00:10.4

eP 08:27:46

iP 09:17:30.8

iP 14:29:53.8
eS 30:14.2

iP 17:58:33.1
eS 43
Dilatation

iP 19:12:43.2
iS 48.2
Compression

Nov.01 1968
iP 11:54:07.9
iS 21.2
Dilatation

iP 22:05:40.8
eS 06:13
Dilatation

02 iP 18:36:07.3
iS 38.8
Compression

iP 19:47:48.7
i 53.0
Compresion

eP 22:40:10
iS 21.1

eP 23:33:37
eS 34:11

03 iP 00:32:16.5
iS 27.7
Compression

iP 04:40:59.1
Dilatation

Nov.03 1968
iP 10:15:55.7
iS 16:19.8

iP 11:06:38.2
i 07:04.8
iS 10.4

iP 13:58:10.5
Dilatation

iP 16:31:57.7
iS 32:12.7

eP 18:06:16
iS 37.5

eP 19:09:36
iS 10:04.6

iP 21:40:56.1
iS 41:08.2
Compression

From 03 at 23:08
to 07 at 23:43
Station Stopped

09 iP 01:38:36.6
iS 49.9

eP 02:59:34
eS 50

iP 04:04:00.3

iP 04:38:51.3
iS 39:05.1
Compression

iP 06:10:59.7
iS 11:23.4
Compression

eP 08:15:08
eS 25

iP 12:10:32.3
iS 50.3
Compression

eP 13:34:40
i 55.3
iS 59.2

Nov.09 1968
eP 15:33:50
eS 34:02

iP 20:54:47.0
Compression

10 eP 01:48:06
eS 17

iP 03:32:15.9
Compression

eP 04:31:28
eS 43

iP 06:01:43.0
Dilatation

11 iP 04:37:00.6
iS 14.0
Compression

iP 05:58:28.0
iS 40.0
Dilatation

iP 05:58:56.1
eS 59:17

eP 06:06:14
iS 50.2

eP 14:23:41
e 24:15

iP 15:52:35.8
i 54

iP 17:38:20.2
iS 33.8
Dilatation

eP 21:16:45

iP 21:40:19.3
iS 32.8
Compression

eP 22:18:32

12 eP 02:20:46
iS 57.9

iP 02:51:32.3
iS 46.0

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PROVISIONAL READINGS AT CALAMA

Dec.07 1968
eP 02:55:34
eS 53
Compression

eP 04:37:10
iS 25

eP 04:56:39
eS 57:11

eP 05:24:25
iS 45

eP 07:51:39
eS 52:15

eP 08:15:25
iS 37

eP 08:48:10
eS 44

eP 14:03:05
iS 26

eP 16:58:58
eS 59:30

eP 17:57:04

eP 18:29:11
i 12
iS 51

08 iP 01:36:53.9
iS 37:10.1

eP 04:27:33
iS 47.8

eP 08:34:13
eS 47

eP 10:10:57
iS 11:12.3

eP 11:11:55
iS 12:06.8

iP 14:13:21.1
eS 42
Compression

eP 16:44:46
eS 45:05

Dec.08 1968
eP 19:39:10
eS 44

iP 21:56:36.9
iS 58.7

09 iP 02:13:26.4
iS 40.4

iP 05:17:14.9
iS 24.5
Compression

eP 06:46:13
iS 32.7

iP 09:52:09.3
iS 30.1
Compression

eP 12:22:38
eS 23:02

iP 18:08:47.1
iS 09:04.5
Dilatation

eP 20:20:01
iS 20.9

10 iP 04:39:47.5
iS 40:19.8

eP 06:53:00
iS 47.5

iP 06:53:46.3
iS 54:02.9

eP 09:56:30
iS 41.1

eP 10:31:35
iS 53.9

iP 10:52:23.7
iS 36.9

iP 15:24:17.9
iS 20.0

eP 17:04:02

11 eP 02:35:38
iS 49.3

Dec.11 1968
iP 03:41:37.1
Compression

eP 04:46:19
eS 32

eP 07:41:57
iS 42:13.5

iP 11:18:50.3
iS 19:04.1

iP 11:26:55.0
eS 27:06
Dilatation

iP 11:45:15.7
iS 32.7
Compression

eP 11:59:07
eS 28

iP 12:56:41.9
Dilatation

eP 15:09:39
eS 10:05

12 eP 01:16:00
eS 00.3

iP 02:07:42.0
eS 52

iP 04:33:20.1
eS 51

iP 05:30:54.7
iS 31:07.1

iP 08:23:10.8
iS 29.2
Dilatation

iP 09:41:03.2
eS 20

iP 10:43:32.5
eS 50

eP 11:59:48
i 12:01:23

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PROVISIONAL READINGS AT CALAMA

Dec.12 1968
eP 13:17:48
eS 18:21

eP 23:43:36
i 45:05.2
i 09.4
i 13.8

13 eP 08:10:53
eS 11:09

iP 08:21:42.2
eS 22:06

iP 10:09:53.1
iS 10:04.8
Compression

iP 12:32:51.0
iS 33:12.0
Compression

iP 13:27:13.7
iS 25.7

iP 14:52:13.3
iS 31.1

iP 17:34:11.5
iS 47.2
Dilatation

14 iP 03:14:41.1
Compression

iP 09:36:28.5
iS 41.8

iP 11:35:39.8
iS 52.2
Dilatation

15 eP 01:45:51
i 53.5
iS 46:14.9

eP 02:39:20
eS 38

eP 04:20:48
iS 21:00.6

iP 09:52:47. 5
iS 53:05.6
Compression

Dec.15 1968
iP 12:07:27.5
Compression

eP 14:23:04
eS 24:31

eP 23:01:04
iS 26.5

iP 23:58:48.9
iS 59:25.1
Compression

16 iP 02:47:24.0
iS 57.4

iP 03:24:34.1
iS 45.2
Dilatation

iP 03:42:24.0
Dilatation

eP 06:17:31
iS 47.0

iP 07:22: 8.8
iS :45.2

eP 08:10:32
eS 52

iP 10:57:50.7
eS 58:05

iP 16:00:29.8
Compression

iP 16:05:29.8
Compression
eP 20:22:13

eP 20:35:47

17 iP 02:56:49.2
iS 57:09.6
Compression

iP 06:31:40.3
iS 50.7

iP 10:14:54.8
iS 15:26.0

Dec.17 1968
iP 13:18:54.0
iS 19:06.6

eP 13:19:19
eS 30

eP 16:56:46
eS 57:16

iP 20:46:59.2
eS 47:20
Compression

eP 20:50:36
iS 50.0

18 iP 00:17:18.2
iS 34.1

eP 01:21:58

iP 01:31:08.6
iS 36.3
Compression

iP 02:14:44.1
eS 15:17

iP 03:37:43.0
iS 59.9
Dilatation

eP 05:16:29
eS 46

eP 05:58:36

eP 06:24:34
iS 52.1

iP 07:56:42.7
iS 59.0

19 iP 01:23:37.4
iS 07.4
Dilatation

iP 01:46:35.0
eS 51

eP 02:24:19

eP 03:07:49
iS 08:25.0

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Dec.19 1968
iP 03:48:15.4
Compression

iP 04:16:25.0
iS 46.2

iP 04:55:51.6
iS 56:10.1

eP 05:21:00
iS 14.0

iP 10:57:13.1
Dilatation

iP 11:22:14.6
Dilatation

eP 14:00:18
iS 59.4

iP 15:02:17.4
iS 38.3
Dilatation

eP 16:08:21
iS 33.1

iP 17:33:26.1
iS 46.1
Dilatation

iP 20:19:02.3
iS 23.5
Dilatation

20 iP 02:19:23.8
eS 22
Dilatation

eP 03:27:57

eP 04:16:11
iS 27.1

iP 04:37:20.4
iS 39.1
Dilatation

eP 09:32:55
iS 33:11.9

iP 13:19:25.3
iS 36.8

Dec.20 1968
iP 14:10:11.3
iS 24.6

ep 15:46:11
iS 43.6

iP 16:34:32.1
iS 45.8

iP 17:08:33.9
eS 09:12

eP 17:40:41.3
eS 41:09

eP 19:47:38

21 iP 00:24:54.0
iS 25 09.7
Compression

iP 01:49:20.0
iS 39.1
Dilatation

iP 03:35:29.8
iS 47.3
Dilatation

eP 07:41:00
iS 23.9

eP 09:35:35
e 52
I 36:09.5

eP 10:20:48
eS 21:07

iP 13:51:56.1
iS 52:09.2

eP 13:52:41
eS 53:15

eP 15:29:36
i 41.1

22 eP 07:09:58
iS 10:14.0

eP 08:13:29
eS 52

Dec.22 1968
eP 08:31:53

eP 08:43:40
oS 59.0

eP 08:51:41
iS 52:05.8

eP 10:10:05
iS 17.9

iP 10:54:41.2
Compression

eP 17:15:28
iS 44.1

eP 20:22:10
iS 30.9

23 eP 02:46:12
iS 31.9

iP 05:09:08.8
iS 44.4
Compression

eP 05:18:21
eS 37

eP 06:58:04
iS 18.5

iP 08:49:05.1
iS 26.8
Compression

iP 11:46:11.5
iS 23.1

iP 14:52:26.3
iS 53:40.0
Compression

eP 16:08:59
iS 09:30.6

iP 16:10:14.9
iS 30.5

24 iP 00:02:12.6
iS 22.8
Compression

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Dec.24 1968
eP 01:48:31
eS 49

iP 02:25:21.4
eS 41

eP 02:41:43
eS 42:00

eP 05:09:23

iP 05:18:59.8

iP 08:10:18.7
iS 28.4
Compression

iP 08:10:40.2

iP 08:59:28.9

iP 10:13:43.2
iS 55.1
Compression

iP 12:18:53.3
eS 19:18
Dilatation

eP 13:50:01
iS 35.6

eP 13:52:00
iS 11.2

iP 15:53:29.1
iS 42.7
Compression

iP 18:34:03.1
Dilatation

iP 18:51:47.5
iS 52:02.6
Compression

eP 19:07:36
iS 56.3

iP 21;30:51.8
iS 31;10.0

eP 22:10:47

iP 23:23:10.7
eS 29
Compression

Dec.25 1968
iP 01:28:21.1
iS 33.6
Compression

eP 09:33:34
iS 47.0

eP 10:09:27
eS 59.8

eP 10:19:20
iS 37.8

eP 12:04:28
iS 43.4

iP 13:36:00.1
iS 32.3
Compression

iP 14:22:05.6
iS 26.7
Compression

iP 16:44:05.1
i 10.6
iS 16.7
Dilatation

iP 20:16:45.3
iS 59
Dilatation

eP 22:58:36
iS 59:16.2

26 iP 01:58:02.2
iS 14.3

eP 02:30:53
iS 31:07

eP 02:52:54
i 53:59.4

eP 04:00:09
eS 24

iP 04:39:07.0
iS 21.3

eP 07:25:20
iS 33.1

iP 10:28:41.7
iS 54.0

Dec.26 1968
eP 11:53:32
eS 53

iP 15:35:10.6
iS 24.1

iP 16:37:54.9
iS 38:05.4

iP 17:41:55.5
i 43:26

iP 18:49:41.9
i 51.4
i 50:01.9

eP 20:11.12
eS 32

iP 22:04:00.8
iS 20.3

27 iP 02:06:07.1
i 53.8
i 02.4
Dilatation

iP 03:48:24.6
iS 45.8
Compression

eP 03:49:57
iS 50:09.4

eP 04:23:41
iS 45.0

eP 07:32:46
iS 33:16.4

eP 09:29:56
iS 30:29.2

eP 10:13:55
iS 14:27.6

eP 10:40:52
e 41:37
i 42

eP 12:02:40
iS 53.5

eP 12:18:20
i 36
i 19:23

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PROVISIONAL READINGS AT CALAMA

Dec.27 1968	iP	12:21:34.3
	i	46.3
	iS	53.9
	iP	13:19:21.8
	eS	41
	iP	14:25:41.2
	Dilatation	
	iP	17:35:21.5
	iS	47.8
	Dilatation	
	eP	17:57:01
	iS	20.2
	iP	19:20:50.8
	iS	21:11.8
	Compression	
	eP	21:30:36.3
	iS	41.1
	i	31:16.7
28	iP	01:20:14.6
	iS	20:28.7
	Compression	
	iP	02:12:30.2
	iS	48.5
	Dilatation	
	iP	04:19:30.1
	iS	45.7
	Compression	
	iP	04:36:26.6
	eS	42.
	Compression	
	iP	05:32:09.3
	iS	35.3
	Compression	
	iP	06:35:23.8
	iS	37
	Compression	
	iP	09:38:02.2
	iS	13.0
	iP	09:48:57.1
	iS	49:49.6
	Dilatation	

Dec.28 1968	eP	12:36:21
	eS	47
	eP	13:42:06
	iS	25.8
	iP	14:04:52.2
	iS	05:14.3
	Dilatation	
	eP	14:25:40
	eS	55
	eP	14:37:47
	iP	15:25:12.8
	iS	40.7
	Dilatation	
	iP	15:58:09.0
	iS	20.0
	Dilatation	
	iP	19:47:25.7
	e	35
	iS	38.3
	eP	22:16:31
	eS	47
29	iP	00:40:18.3
	eS	29
	eP	05:32:41
	eS	56
	eP	09:21:09
	eS	30
	iP	16:30:14.4
	Compression	
	iP	19:51:33.4
	iS	41.5
	Dilatation	
	iP	21:21:37.3
	iS	50.4
	eP	22:43:46
	eS	44:07
	eP	23:02:47
	eS	03:20

Dec.30 1968	eP	00:30:13
	iP	00:34:09.7
	iS	43.9
	Dilatation	
	iP	01:27:14.2
	iS	25.9
	Dilatation	
	eP	03:15:14
	eS	42
	eP	03:23:35
	eS	58
	eP	03:50:02
	iS	18.4
	eP	04:03:31
	iS	44.4
	iP	05:32:06.5
	eS	37
	Dilatation	
	eP	08:26:46
	eS	27:21
	eP	10:39:27
	eP	14:40:56
	iP	14:57:58.5
	iS	58:33.6
	iP	16:21:11.8
	iS	32.7
	Compression	
	iP	16:55:49.0
	iS	56:07.6
	eP	17:31:14
	eS	50
	iP	21:40:05.9
	iS	24.4
	Dilatation	
	iP	22:27:12.0
	Dilatation	
	eP	22:46:20
	eS	49

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PROVISIONAL READINGS AT CALAMA

Dec.31 iP 01:47:41.3
1968 Compression

iP 09:03:03.1
iS 27.2
Dilatation

iP 09:30:09.8
iS 28.9
Compression

iP 09:32:41.6
iS 55.2
Compression

iP 12:25:38.6
iS 54.0
Compression

iP 19:23:44.9
iS 55.2
Compression

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22° 42' 23'' S 70° 16' 01.0'' W h 100 m

Jan.01 1968
iP 07:04:30.3
e 47
iS 48.4
Compression

eP 08:28:27
iS 29:16.8

iP 12:05:38.4
iS 47.7
Compression

iP 13:27:39.2
iS 48.9
Compression

iP 16:37:08.9
eS 30
Compression

iP 17:34:28.7
Compression

iP 18:58:21.0
iS 31.9
Compression

iP 20:19:59.7
Dilatation

iP 20:36:31.7
Compression

02 eP 06:21:37
eS 50

iP 09:43:12.0
iS 24.7

iP 11:08:30.0
iS 40.6

eP 12:31:31
iS 54.6

iP 13:47:39.9
i 47.9
Compression

eP 15:01:02
eS 17

iP 18:29:52.8
iS 30:01.9
Compression

iP 19:13:18.0
iS 34.8

iP 22:45:59.9
Compression

Jan.03 1968
eP 01:07:13
47

iP 01:46:04.7
eS 32
Dilatation

iP 02:21:20.0
Dilatation

iP 02:27:29.2
iS 39.7
Compression

iP 03:19:59.8
iS 20:09.7
Compression

eP 05:32:25
iS 42.8

eP 05:24:53
iS 25:03.6

eP 06:45:34

iP 08:20:57.3
i 21:10.7
iS 11.8
Compression

eP 08:27:05
eS 25

eP 11:48:50

iP 18:40:22.8
iS 40.7
Compression

eP 20:04:31
e 05:05

eP 20:46:59
iS 47:22.6

eP 23:40:07
iS 25.5

iP 23:47:03.1
iS 28.2
Compression

04 eP 04:28:44
eS 29:19

eP 04:41:47
eS 56

Jan.04 1968
eP 05:49:38
iS 55.5

eP 06:01:23
iS 46.8

eP 06:19:45
eS 20:25

iP 06:54:52.1
eS 55:05
Compression

eP 10:26:36
eS 57

iP 11:03:55.6
iS 04:14.6
Compression

iP 12:42:48.6
Dilatation

iP 14:02:53.2
iS 03:03.1
Compression

iP 14:48:51.2
Compression

iP 15:43:28.9
eS 38
Compression

eP 15:58:12
eS 30

eP 16:02:32
iS 56.7

iP 16:44:53.3
Compression

iP 18:57:43.4
iS 54.5
Compression

iP 20:05:37.6
Dilatation

iP 20:13:21.5
Compression

eP 21:12:28
eS 13:01

eP 21:20:37
eS 21:17

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PROVISIONAL READINGS AT MICHILLA

Jan.04 1968
eP 23:07:04
eP 23:14:40
iS 54.9
eP 23:55:22
05 eP 00:15:12
eS 54
eP 00:39:46
eS 55
eP 02:31:14
e 35
iS 36.2
eP 02:47:02
iS 20.0
iP 02:57:14.7
iS 28.4
Compression
iP 05:12:41.9
iS 13:15.0
Compression
eP 06:12:35
eS 44
eP 07:03:18
eS 33
iP 09:28:52.8
iS 29:16.1
Dilatation
iP 12:10:46.8
iS 54.1
Compression
iP 12:56:47.8
Dilatation
eP 15:53:57
eS 54:06
eP 16:33:33
eP 17:44:30
eS 47
iP 20:54:18.1
iS 30.3
Compression
eP 20:54:41
iP 41.9
i 54.7
iS 56.7

Jan. 06 1968
eP 01:12:02
iS 12.1
eP 02:46:31
eS 46
iP 04:22:39.1
iS 49.5
Dilatation
eP 05:53:52
iS 54:14.6
iP 05:57:23.9
Dilatation
eP 06:21:40
iS 22:25.2
eP 08:50:32
eS 47
iP 10:54:57.9
iS 55:24.1
Dilatation
eP 11:17:08
eS 20
eP 12:33:51
iS 34:15.0
eP 12:40:25
iP 26.2
i 39.9
iS 41.4
eP 12:55:05
iS 14.9
iP 15:51:10.1
Compression
iP 16:49:14.5
Compression
iP 16:54:31.9
eS 54
Dilatation
eP 19:44:15
iP 17.0
iS 32.9
iS 35.8
eP 23:27:01
iS 15.2
eP 23:28:35
iP 36.7

Jan.07 1968
eP 02:14:00
eS 13
iP 02:51:50.2
i 59.8
iS 52:00.9
Dilatation
eP 06:13:59
eP 07:27:27
iS 46.9
eP 08:29:26
iS 35.7
iP 08:57:49.3
iS 59.7
Compression
iP 10:30:19.4
Dilatation
iP 10:34:01.0
iS 10.2
Compression
iP 11:48:35.9
iS 42.3
Dilatation
iP 12:30:18.4
eS 33
Dilatation
eP 14:01:13
iP 14:09:39.1
iS 52.3
Compression
eP 18:57:53.8
iS 58:35.2
eP 20:59:23
eS 36
iP 23:05:49.9
iS 06:05.3
Compression
08 eP 01:20:22
eS 44
iP 02:39:01.6
iS 12.2
Dilatation
eP 03:16:06
iS 24.1

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PROVISIONAL READINGS AT MICHILLA

Jan.08 1968
iP 03:26:09.3
iS 19.2
Dilatation

iP 04:06:45.4
iS 55.8
Dilatation

iP 05:05:56.0
eS 06:39.6
Dilatation

iP 06:47:25.9
iS 55.9
Dilatation

iP 06:49:56.0
iS 50:09.1
Compression

eP 08:42:29

eP 10:47:48
iS 57.8

eP 11:06:13
iS 53.5

iP 12:26:46.1
eS 27:08
Dilatation

iP 13:56:49.2
eS 57:37
Dilatation

eP 18:34:18
iS 30.5

iP 18:45:28.3
Dilatation

09 iP 00:44:58.9
iS 45:13.4
Compression

eP 02:50:48
iS 51:03.2

iP 04:59:21.8
57.3
Dilatation

iP 09:53:48.0
57.9
Compression

eP 10:07:46
eS 08:10

iP 12:54:08.4
iS 22.7

Jan.09 1968
iP 13:16:16.5
iS 30.2
Dilatation

iP 15:46:52.9
Compression

eP 15:58:20
iS 40.2

eP 17:49:10
iS 24.8

eP 18:20:13

iP 18:42:31.5
Compression

iP 21:18:40.9
iS 52.1
Compression

iP 21:48:50.2
eS 49:04
Dilatation

iP 23:56:08.0
Dilatation

10 iP 00:33:24.3
iS 47.7
Compression

iP 01:17:19.4
iS 29.2
Compression

iP 01:56:16.2
Compression

eP 02:51:23
iS 33.6

iP 05:49:47.0
eS 59
Compression

iP 05:55:33.3
Compression

iP 10:54:17.2
iS 27.1
Compression

eP 11:27:00

iP 11:56:28.1
Compression

iP 12:25:18.8
iS 26.1
Compression

Jan.10 1968
iP 13:23:55.8
eS 24:34
Dilatation

eP 14:15:16
iS 22.4

iP 15:20:34.8
iS 45.7
Compression

iP 16:23:54.2
Dilatation

eP 16:29:10
iS 22.1

eP 17:15:25
iS 41.1

iP 18:08:14.8
iS 21.9
Compression

eP 18:08:40
iS 52.4

eP 20:02:49
eS 16.5

eP 23:46:07
e 44

11 iP 02:45:59.7
Dilatation

eP 08:45.57
eS 46.12

iP 12:18:47.9
eS 19:07.5
Compression

eP 15:31:03
iS 14.5

iP 17:37:27.9
eS 37.5

iP 18:22:03.0
iS 13.0
Dilatation

iP 19:38:37.1
i 45.0
iS 47.1

iP 19:55:40.1
eS 57.5

iP 22:15:54.2
iS 16:06.4

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Jan.11 1968
iP 22:27:13.3
i 23.2
iS 51.4
Compression

12 iP 01:31:35.4
iS 43.9
Compression

iP 02:46:23.9
iS 36.4
i 47:00.5
Compression

iP 04:06:25.5
Dilatation

eP 04:27:34

iP 05:49:55.8
eS 50:19
Dilatation

eP 09:28:59

eP 10:29:06
eS 29.2

iP 13:04:59.8
eS 05:22.7

iP 13:14:05.5
eS 30.4

iP 21:26:02.4
eS 34.5

13 iP 00:52:06.5
iS 32.8

iP 02:00:06.7
eS 21

iP 02:25:33.4
e 44.3

iP 04:36:36.1
Dilatation

iP 04:41:43.9
Compression

eP 06:36:54
e 37:37

iP 07:19:31.1
iS 41.9
Compression

Jan.13 1968
iP 11:13:12.5
i 24.3
i 31.7

iP 15:50:55.4
eS 51:36

iP 15:57:54.4

iP 16:22:49.4
Compression

iP 16:25:57.5
Compression

iP 16:37:33.5
Compression

iP 16:42:07.6
Compression

iP 16:55:24.2
Compression

iP 17:21:24.6
iS 22:01.7
Compression

iP 17:37:28.2
Compression

iP 17:47:34.0

iP 18:01:06.0
eS 43.3

iP 18:03:14.6
eS 51.1
Compression

iP 18:56:15.5
Compression

iP 19:36:48.0
iS 37:25.2
Compression

iP 19:45:30.1
iS 46:07.5
Compression

iP 20:23:47.6
eS 24:25
Compression

iP 21:30:17.7
Compression

Jan.13 1968
iP 22:11:21.5
iS 58.4
Compression

iP 22:13:55.8
eS 14:32.2

iP 23:04:42.2
iS 05:19.1

iP 23:19:11.7

14 iP 00:01:55.6

iP 00:19:30.6
eS 20:07.5
Compression

eP 01:25:04

eP 01:50:40
eS 51:04.4

iP 04:48:10.3

iP 04:58:33.1
iS 59:24.4
Dilatation

iP 05:26:36.0
iS 27:11.0
Compression

iP 06:12:55.0
eS 13:31.5

eP 07:09:19
eS 56

eP 08:27:32
eS 28:09

iP 10:41:39.2
iS 59.3
Compression

iP 11:02:46.6
Compression

iP 11:22:12.8

iP 12:44:35.9

iP 20:07:34.7
iS 51.5
Compression

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Jan.14 1968
iP 21:03:48.5
eS 04:26

iP 22:27:14.8
iS 52.8
* Compression

15 eP 03:00:05

iP 07:49:43.5

iP 10:34:02.3
iS 19.4
Compression

iP 12:24:25.0
eS 49.8
i 54.5
Dilatation

iP 14:00:53.1
i 01:35.2
Compression

iP 15:00:18.5
iS 37.0
Compression

iP 16:29:40.4
iS 50.0
Compression

iP 16:58:41.8
Compression

eP 17:19:21
eS 37

eP 19:49:49
i 56.8

eP 22:32:22
i 43.4
iS 51.3

eP 22:57:47

16 iP 01:41:31.6
iS 54.0
Compression

iP 04:43:54.4

iP 05:28:44.0

eP 05:47:06
i 15.3
iS 16.8

Jan.16 1968
iP 12:37:53.0
Compression

eP 13:21:29

iP 16:17:49.2
iS 18:07.7

eP 18:33:02
iS 14.2

iP 21:19:44.8
iS 20:09.9

iP 22:10:36.2
eS 11:15.8
Dilatation

iP 23:04:05.9
iS 45.0

17 eP 01:37:38

iP 05:02:05.3
eS 50.4

iP 06:49:57.7

iP 06:55:39.3
iS 56:16.8
Compression

iP 13:50:00.5
eS 14.3

iP 21:55:13.5
eS 45.3

18 iP 01:45:59.2

iP 02:10:29.9
eS 40.7

iP 03:14:11.5
iS 57.8
Compression

iP 04:48:16.8
eS 50

iP 08:55:37.9

iP 14:32:45.3
eS 33:23.6
Compression

iP 15:54:45.2
eS 55:02.8
Compression

Jan.18 1968
iP 16:07:06.8
iS 44.0
Compression

iP 17:24:07.7
Compression

iP 19:30:28.3
e 39.3
i 44.0

iP 20:31:45.2
iS 32:02.9
Compression

iP 23:04:58.5
e 05:17.2
e 36.4
Compression

19 iP 01:32:40.2
iS 33:20.5
Compression

iP 04:56:14.5
iS 41.0

iP 08:50:12.0
e 29.7
i 34.7

iP 09:36:57.3
iS 37:07.0

Feb.01 eP 17:23:46,5
eS 55,1

eP 19:08:27

eP 20:27:23.3
iS 35,2

iP 22:30:53,0
iS 31:07,4
Compression

02 iP 00:18:57,4
Compression

eP 01:51:10.1
eS 50.2

eP 05:04:30.4
i 31,3
iS 59,2

eP 06:42:12.4
eS 35.5

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* Jan.14 1968
iP 22:43:58.7
iS 44:09.7
Compression

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Feb.02 1968	eP	07:07:16.2
	eS	26.6
	eP	10:49:45.3
	eS	50:03.4
	eP	11:16:24.7
	eS	53.3
	eP	11:52:25.1
	eS	53.8
	eP	13:27:12.3
	iS	34.9
	iP	14:13:45.4
	iS	58.3
	eP	15:02:34.4
	eS	56.2
	eP	15:33:42.4
	eS	46.0
	eP	15:37:54.3
	eS	38:34.2
	eP	17:03:48.7
	eS	04:26.6
	e	28.5
	eP	19:19:41.2
	eS	51.5
	iP	20:37:14.8
	iS	23.4
	Compression	
	eP	22:26:46.5
	eS	27:01.5
03	eP	01:50:39.5
	eS	50.6
	iP	02:44:20.3
	Compression	
	eP	03:42:06.4
	eS	30.3
	iP	05:14:06.7
	iS	24.0
	Dilatation	
	eP	08:53:47.7
	eS	27.8

Feb.03 1968	eP	11:45:48.0
	eS	47:54.7
	eP	17:32:00.5
	eS	10.0
	eP	22:18:59.3
	eS	19:29.6
04	eP	00:16:11.3
	eS	52.6
	eP	01:28:46.9
	iS	29:11.2
	iP	01:43:11.6
	iS	22.9
	Compression	
	eP	04:17:23.2
	eS	49.8
	eP	04:46:48.1
	eS	47:07.8
	eP	09:12:41.5
	eS	13:20.0
	iP	11:28:19.9
	Dilatation	
	e(P)	14:04:32.5
	eS	50.5
	eP	14:52:05.4
	eS	44.4
	eP	15:18:23.2
	eS	44.5
	iP	17:17:31.5
	iS	18:10.5
	Compression	
	eP	18:45:50.0
	eS	46:07.6
	eP	19:11:50.7
	eS	12:08.9
	eP	19:32:49.1
	eS	33:00.1
	eP	21:03:52.6
	eS	05:10.5
	eP	22:04:39.4
	eS	05:01.6

Feb.04 1968	iP	23:18:02.5
	Compression	
	iP	23:33:12.6
	iS	45.3
	Compression	
05	eP	00:07:48.3
	eS	08:09.2
	eP	01:37:05.0
	eS	38:02.8
	eP	02:07:09.2
	eS	22.8
	iP	02:33:34.6
	eS	34:06.0
	Compression	
	eP	06:47:09.6
	eS	18.5
	eP	06:58:00.0
	iS	19.6
	eP	08:47:43.1
	eS	48:22.0
	eP	09:28:46.3
	eS	29:24.7
	eP	14:31:03.1
	iS	23.8
	eP	15:40:43.0
	eS	41:09.4
	eP	16:38:39.1
	eS	51.1
06	eP	14:14:38.1
	eS	15:59.0
	iP	16:45:42.7
	iS	46:18.8
	Compression	
	eP	16:50:12.8
	eS	36.2
	eP	17:22:36.8
	eS	55.7
	eP	19:17:36.6
	eS	18:00.7

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Feb.06 1968
eP 20:43:30.3
eS 50.0

07
eP 03:13:41.6
eS 14:04.5

eP 07:40:15.2
iS 40.4

eP 08:52:02.2
eS 29.0

eP 10:42:13.2
eS 43:46.4

eP 12:06:28.7
e(S) 07:13.9

From 07 at 12:10 to 13 at 21:00 station stopped

13
iP 21:24:19.8
iS 41.8
Dilatation

e(P) 23:44:02

14
eP 02:06:36.5
eS 59.5

iP 02:58:33.6
iS 59:10.5
Compression

iP 04:00:11.8
eS 51
Compression

iP 04:19:15.8
iS 37.7

eP 04:38:46.0
eS 39:28

e(P) 05:31:15
iS 43.0

eP 08:10:50.8
i 11:30.6
iS 43.5

iP 09:50:34.2
i 51:14.4
iS 18.9
Compression

Feb.14 1968
e(P) 12:27:28
e(s) 51

e(P) 13:04;01

e(P) 16:04:35
eS 05:03.1.

iP 16:38:17.5
iS 58.9
Dilatation

iP 18:40:07.4
iS 41.2
Dilatation

iP 18:50:08.8
iS 26.5
Dilatation

eP 22:12:52

eP 22:43:00.5
eS 38.5

iP 23:15:21.2
Compression

iP 23:21:39.7
i 22:27.4
i 39.8
Dilatation

15
eP 00:10:27.4
iS 58.4

iP 02:13:46.7
i 53.6
iS 14:29.0
Compression

eP 02:35:24.5
i 23.4

iP 03:19:14.2
iS 51.5
Compression

eP 04:22:46.8
iS 23:17.4

iP 05:38:50.5
Dilatation

eP 07:02:14.8

e(P) 13:58:32
iS 59.1

Feb.15 1968
eP 15:30:04.1
eS 19.0

eP 21:50:24.1
eS 41.2

iP 22:23:00.6
iS 23;22.9
Compression

iP 22:40:37.7
iS 44.9
Compression

16
e(P) 00:06:22

eP 00:39:07.6
iS 39.3

eP 00:57:18
eS 55.6

eP 02:29:37.9
iS 53.6

eP 04:06:15.5
iS 07:24.1

iP 06:53:54.7
iS 54:14.1
Compression

iP 07:07:45.3
iS 08:30.9
Dilatation

eP 07:20:48.9
iS 21:04.1

iP 07:21:45.3
iS 58.0
Compression

eP 11:20:17.1
eS 40.9

iP 12:41:40.6
eS 58.6
Dilatation

e(P) 18:15:06
e(S) 47

iP 19:31:44.5
iS 32:09.9
Compression

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PROVISIONAL READINGS AT MICHILLA

Feb.16 1968
eP 21:50:20.9
eS 40.0

17
iP 00:32:59.1
iS 33:07.5
Compression

eP 00:35:47.9
iS 36:06.6

e(P) 01:20:05
eS 30.1

eP 01 21:58.0
eS 22:20.4

iP 02:08:50.8
Compression

eP 02:26:42.1
iS 27:58.3

eP 03:17:42.9
i 45.9
i 18:08.8

iP 03:20:42.9
iS 21:07.0
Dilatation

eP 22:35:50
eS 36:13.2

eP 23:09:10.3
e 42.6
i 10:10.1

18
eP 05:19:01
Distant Schock

iP 05:30:51.9
iS 31:29.3
Compression

iP 08:05:18.7
iS 46.6

iP 09:02:18.4
iS 29.9
Compression

iP 09:09:00.6
iS 17.6
Dilatation

eP 09:48:15

Feb.18 1968
iP 10:55:32.0
iS 56:43
Dilatation

eP 11:26:42.6
eS 27:06.1

eP 13:32:42
i 44.1
i 59.9
i 33:17.0

eP 16:05:27.0
iS 45.2

iP 18:19:12.3
iS 18.1
Compression

eP 20:03:00.2
iS 04:19.1

eP 22:49:49.7
iS 50:12.9

iP 22:51:13.8
iS 26.7

19
iP 00:26:40.8
eS 27:01.8
Dilatation

iP 00:49:18.0
iS 40.0

eP 08:09:30.6
iS 56.9

eP 11:43:32.5
iS 44:05.0

iP 11:44:16.6
iS 53.7
Compression

eP 12:31:07.5

eP 14:26:03.3
eS 29.8

eP 14:31:48.4
i 32:11.1
i 24.8

iP 15:06:34.5
iS 57.4
Compression

Feb.19 1968
iP 15:07:14.1
iS 39.1

iP 17:35:51.6
i 57.2
iS 36:29.3

eP 20:13:35.8
iS 52.9

eP 23:38:15.5
eS 39.0

20
iP 01:10:50.1
iS 11:31:6
Compression

iP 03:42:35.8
iS 43:00.5
Dilatation

iP 04:21:25.0
iS 38.0

iP 06:16:51.0
iS 17:37.6
Compression

iP 07:39:23.5
Saturated

iP 08:43:40.0
i 48.8
i 44:01.7
Compression

eP 10:30:01

e(P) 10:47:29

eP 11:26:47.8
iS 27:12.7
i 15.9

iP 13:00:54.6
iS 01:08.3
Compression

iP 15:10:48.1
i 11:03.4
i 05.0

eP 18:06:08.3
eS 31.3

eP 19:21:35
eS 22:16.6

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Feb.20 1968
eP 19:30:29
eS 39 39

iP 21:39:59.8
Dilatation

eP 22:40:25
iS 40

21 iP 00:52:12.2
i 24.9
i 33.8

iP 04:01:30.7
iS 02:40.4

eP 05:31:48
iS 32:08.7

eP 09:25:39
i 26:33.8
eS 40

iP 09:29:04.4
iS 31.8
Dilatation

eP 09:47:09
iS 55.5

iP 10:28:38.9
i 43.8
iS 44.8
Dilatation

iP 10:49:19.7
i 57.1
iS 59.3

eP 14:16:06
eS 34

eP 15:06:55

eP 16:00:25
eS 50

eP 16:06:25

eP 19:37:30

eP 19:51:59.6
eS 52:17.4

eP 20:19:31.7
iS 42.4

eP 21:27:15
eS 34.5

Feb.21 1968
eP 21:42:22
i 56.2

eP 23:27:59
i 28:00.3
iS 15.9

22 iP 01:28:59.9
i 29:16.3
i 17.4

eP 03:10:36
iS 11:12.5

eP 06:08:07

eP 06:10:23
eS 42

iP 09:14:48.8
Dilatation

iP 10:11:30.5
iS 48.3
Dilatation

eP 11:16:21

eP 14:21:38.7
eS 54

iP 14:58:19.6
iS 44.4

iP 15:41:23.8
iS 44.5
Compression

eP 18:34:23
eS 35:04

eP 19:55:17
eS 34

iP 22:59:07.3
eS 45.7
Dilatation

eP 23:28:29
eS 50

iP 23:42:05.5
eS 16
Dilatation

23 iP 00:12:40.3
eS 13:22
Compression

Feb.23 1968
iP 02:40:39.1
Dilatation

eP 04:34:48
iS 35:03.4

iP 04:55:51.6
iS 56:29.0
Compression

iP 05:39:19

iP 08:14:46.2
eS 15:32
Dilatation

eP 08:52:11

iP 09:02:05.5
iS 20.2
Dilatation

iP 09:25:26.7
i 26:03.7

iP 10:21:43.7
i 52.3

eP 11:27:45
iS 53.9

eP 11:28:41
iS 29:26.3

iP 12:29:32.8
Dilatation

iP 12:48:08.2
iS 18.8
Dilatation

iP 18:01:15.8
iS 20.7
Dilatation

iP 18:21:33.3

iP 18:29:42.1
Dilatation

iP 19:01:43.2
i 49.1
Compression

iP 19:43:37.4
iS 53.6
Compression

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Feb.24 1968	eP	01:53:03
	eS	24
	eP	03:51:44
	eP	07:08:21.7
	eS	41
	eP	07:32:19
	eP	07:42:57
	eS	43:14
	iP	08:04:08.8
	iS	45.8
	eP	08:55:48
	eS	56:26
	eP	10:06:38
	iP	11:36:31.1
	i	52.3
	i	53.1
	eP	12:12:58
	eP	13:30:16
	eP	16:30:08
	eS	30
	eP	17:09:15
	eS	37
	iP	18:19:53.0
	Dilatation	
	eP	19:11:17
	eP	20:35:35
	eS	43
25	eP	01:19:14
	eP	02:45:01
	e	41
	eP	04:44:54
	eP	04:50:08
	e	33
	i	51
	iP	05:12:29.8
	iS	37.7
	Compression	

Feb.25 1968	iP	07:05:35.8
	Dilatation	
	eP	11:07:32
	eS	53
	eP	13:20:04
	eP	14:32:43
	eS	33:05
	eP	15:13:24
	iS	50.1
26	eP	19:58:10
	iP	20:30:36.6
	iS	47.7
	Dilatation	
	eP	21:53:28
	iS	51.9
	iP	22:58:26.6
	Compression	
27	eP	00:29:21
	eS	45
	eP	00:40:52.5
	iS	41:06.5
	eP	02:26:59
	eS	27:49
	eP	02:56:30
	eS	56
	iP	04:45:15.2
	i	28.1
	i	34.8
	eP	05:04:18
	eS	05:02
	eP	05:38:49
	iP	06:04:01.9
	iS	11.6
	Compression	
	eP	06:57:41
	eS	58
	eP	07:21:33
	eS	22:11

Feb.27 1968	eP	07:38:44
	iS	39:10.8
	eP	09:01:00
	eS	13
	iP	09:34:28.8
	iS	35:05.8
	Compression	
	eP	10:25:03
	iP	11:07:19.8
	iS	42.8
	Compression	
	eP	13:15:56
	eS	16:02
	eP	13:46:46
	eS	47:04
	eP	15:17:26.6
	eP	16:45:30
	eS	37
	eP	19:42:14
	eP	19:43:47
	eP	20:27:32
	eS	28:10
28	eP	02:55:17
	eP	05:09:58
	eS	10:21
	eP	08:53:59.6
	e	54:35
	iP	11:31:04.1
	iS	25.5
	Dilatation	
	eP	11:59:40
	eS	59
	iP	12:25:16.7
	i	26:58
	iP	14:08:04.8
	Dilatation	
	eP	14:18:45

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Feb.28 1968	eP	15:03:17
	eP	16:58:52
	eP	18:09:55
	eP	18:11:45
	eS	12:06
	eP	18:27:05
	eP	20:57:51.3
	eP	22:29:00
	eS	22
	eP	23:47:27.4
	iS	54.4
29	iP	00:39:31.8
	i	33.1
	iS	50.9
	eP	20:14:55
	i	15:22.9
	eP	20:29:27
	eP	22:18:33
	eS	19:00
	iP	23:35:04.5
	iS	10.4
	Compression	
Mar.01	iP	04:25:38.3
	iS	47.4
	Compression	
	eP	07:12:06
	i	33.8
	iP	09:34:41.4
	iS	49.1
	Dilatation	
	eP	11:03:47
	eS	04:03
	eP	20:59:27.5
	iS	39.8
	iP	21:48:15.8
	eS	53.4
	eP	23:25:07.8
	eS	30.7

Mar.02 1968	eP	00:37:08.6
	eS	09.7
	eP	02:17:29.2
	eS	45.8
	eP	04:51:23.8
	iS	41.0
	eP	08:11:46.2
	eS	58.5
	iP	09:04:23.6
	iS	05:02.7
	Dilatation	
	eP	09:34:56.6
	eS	35:19.9
	eP	10:10:58.8
	eS	11:32.7
	eP	18:57:38.8
	eS	57.0
	e(P)	19:58:24.0
	eS	34.8
	eP	20:45:16.3
	e(S)	48.1
	eP	21:42:15.9
	eS	49.5
03	eP	01:37:58.1
	eS	38:07.2
	eP	02:03:38.9
	eS	04:20.7
	eP	05:06:43.3
	eS	54.7
	eP	07:39:51.7
	iS	40:15.9
	eP	08:15:22.0
	eS	43.2
	eP	08:38:16.4
	i	21.1
	i(S)	39:09.7
	e(P)	09:00:42.8
	eS	01:02.0
	eP	10:37:19.7
	eS	50.2

Mar.03 1968	eP	11:28:49.1
	eS	29:11.5
	eP	20:45:15.8
	eS	28.7
04	eP	03:48:11.2
	eS	48.2
	iP	04:51:39.6
	Saturated	
	Compression	
	eP	08:55:15.1
	i	20.4
	i(S)	46.6
	i	56.6
	eP	11:05:12.5
	eS	38.7
	iP	11:28:28.6
	iS	58.3
	Compression	
	eP	20:18:30.2
	eS	37.8
	eP	20:04:15.9
	eS	05:11.6
05	eP	05:57:32.3
	eP	10:54:52.9
	iS	55:08.6
	iP	11:48:47.5
	iS	49:29.4
	Compression	
	eP	21:52:23.0
	eS	52.4
	eP	22:25:14.8
06	e(P)	00:02:28.0
	eS	03:06.3
	eP	01:00:46.1
	iS	01:25.0
	eP	02:34:49.7
	i	57.9
	iS	35:33.6
	iP	04:22:09.4
	Compression	
	Saturated	

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Mar.06 iP 05:34:36.2
iS 59.6
Compression

eP 14:40:08.5
eS 41:12.5

eP 15:15:08.1
iS 19.2

eP 15:49:48.1
eS 50:14.1

eP 21:07:23.0
eS 42.0
i 54.0

eP 21:56:18.4
eS 49.2

07 Failure

08 iP 19:35:36.5
iS 52.4
Compression

eP 23:46:45.4
eS 47:15.5

09 iP 04:07:54.4
iS 08:05.1
Compression

eP 05:54:06.7
iS 37.9

eP 10:51:53.5
eS 52:32.7

eP 12:37:53.5
eS 38:06.9

iP 17:25:11.0
S Saturated
Compression

iP 20:44:17.9
S Saturated
Dilatation

10 eP 01:54:23.1
eS 35.1

eP 01:48:10.9
iS 17.3

eP 02:37:28.4

iP 03:09:15.1
iS 47.3

Mar.10 eP 04:11:26.8
1968 eS 52.0

eP 05:15:34.2
eS 59.6

eP 07:32:02.9
eS 33:13.1

eP 08:06:48.8
eS 07:20.8

eP 08:49:42.6
iS 50:08.1

eP 14:41:30.8
eS 42:06.8

eP 16:12:21.2
eS 43.2

eP 19:29:45.7
eS 30:02.9

eP 19:22:57.1

eP 20:32:06.7
eS 33:25.8

eP 22:16:08.6
eS 37.7

eP 22:51:57.3
eS 52:37.4

11 eP 00:53:17.3
eS 25.9

eP 01:37:19.0
eS 42.8

eP 02:44:12.7
eS 48.5

eP 03:01:48.9

eP 07:41:16.8
eS 42:02.8

eP 15:02:00.1
iS 37.7

eP 15:42:06.1

iP 16:17:42.7
iS 18:02.3
Dilatation

eP 17:08:01.0
eS 34.5

Mar.11 eP 23:41:37
1968 eS 55

12 eP 04:04:43
eS 05:01

eP 06:00:23
eS 01:01

eP 07;48:07
eS 47

iP 08:22:41.6
iS 53.1
Compression

eP 09:57:58
eS 16

eP 11:15:54
eS 16:15

eP 15:29:24
eS 46

eP 16:01:54
eS 02:22

eP 21:47:26
e 48:03

eP 23:49:23
iS 41.1

13 iP 06:02:21.0
eS 39.5

iP 06:34:19.0
eS 46

iP 08:10:02.0
eS 25

iP 08:27:47.7
iS 28:05.4
Dilatation

eP 08:40:17

eP 08:59:35

eP 13:38:55
e 39:26

eP 14:51:17
i 46.5
i 51.7

iP 18:53:39.2
iS 54:03.3

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Mar.13 1968
iP 20:00:58.0
eS 01:13.3

iP 23:46:16.3
iS 27.3

iP 23:49:55.5
iS 50:06.7

14 eP 08:52:04

iP 11:22:13.3
iS 24.4

iP 11:25:32.8
eS 54.2
Dilatation

16 iP 20:05:24.2
Compression

iP 20:14:30.6
eS 42.0

iP 21:25:52.3

iP 23:14:33.9
iS 15:20.8
Dilatation

17 iP 02:09:18.0
e 40

iP 02:15:55.3

iP 05:23:52.7
e 24:20

iP 07:45:59.9
eS 46:10
Dilatation

iP 08:07:32.9
e 55

iP 09:56:07.0
Compression

iP 10:39:35.8
eS 40:12.4
Dilatation

iP 10:53:35.0
iS 59.7
Dilatation

iP 13:19:55.5
e 20:20.5
i 31.0

Mar.17 1968
iP 14:49:02.0
iS 08.0
Compression

iP 15:16:05.5
iS 16.3
Compression

iP 16:44:31.3

iP 17:49:59.9
eS 50:41

iP 20:20:43.2
eS 21:09
Dilatation

eP 20:24:05

iP 21:37:26.4
eS 51

eP 23:50:34
eS 51

18 iP 06:32:10.3
iS 44.1
Dilatation

iP 09:28:41.2
eS 29:02.5
Dilatation

19 iP 20:11:11.8
iS 22.3
Compression

iP 20:37:45.8
iS 59.5
Compression

iP 20:44:49.7
eS 45:13.7

iP 23:28:31.3
iS 32:08.9

20 iP 02:54:28.7
iS 55:05.5
Dilatation

eP 05:14:38
eS 15:16.3

iP 06:21:05.2

iP 06:51:56.8

Mar.20 1968
iP 13:17:09.6
eS 46.8

iP 14;58:19.5
eS 41.5

eP 16:57:34
eS 58:13

iP 19:54:39.8
Dilatation

iP 22:37:12.3
iS 35.5
Dilatation

21 iP 01:32:16.2
eS 55

iP 01:36:54.3
e 37:14.5
Dilatation

iP 02:12:31.1
iS 40.2
Compression

iP 02:34:58.3
eS 35:18.8

iP 07:27:28.0
iS 52.0
Dilatation

iP 09:10:54.8
eS 11:10

iP 10:49:52.8
e 50:14.8
i 16.8

iP 12:03:30.2
eS 52
Dilatation

iP 12:09:59.0
Compression

iP 16:41:39.5

iP 18:34:57.3
iS 35:25.4

iP 22:10:50.9

22 iP 00:00:51.4
eS 01:21.5

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PROVISIONAL READINGS AT MICHILLA

Mar.22 1968
iP 01:56:20.5
iP 03:09:15
iS 30.0
iP 04:14:24.4
Compression
iP 04:16:16.5
Compression
iP 05:11:07.4
eS 50
eP 15:27:16
iP 18:40:05.2
23 iP 07:00:55.4
iP 15:31:09.3
iS 24.3
Dilatation
iP 21:50:14.3
iS 40.1
Compression
iP 23:40:38.9
Dilatation
iP 23:50:49.4
iS 51:16.9
Compression
24 eP 02:14:49
eS 15:07
eP 05:08:39.2
eS 50.4
eP 05:31:15
eP 11:54:28
eS 57
iP 14:23:47.2
iS 24:35.8
Compression
iP 15:21:17.8
eS 52.3
Dilatation
eP 16:45:01
eS 25
iP 19:18:24.2
iS 19:04.8
Compression

Mar.24 1968
eP 20:18:27
eS 48.6
eP 20:28:05
eP 21:09:18
iS 50.1
eP 21:49:04.5
eP 21:54:53.1
iS 55:08.2
iP 22:06:27.9
iS 57.4
Dilatation
iP 23:38:01.8
iS 07.4
Dilatation
25 eP 02:26:55.6
iP 04:09:23.1
iS 10:01.1
Compression
iP 05:06:33.9
iS 58.5
Dilatation
eP 09:59:00.2
eP 10:47:14.8
eS 38
iP 11:42:30.8
i 43:33.6
i 40.8
Compression
eP 13:33:01
eP 15:53:12
eS 26
eP 16:44:06
eP 18:19:37
iP 18:20:10.8
Dilatation
iP 21:17:56.0
iS 18:40.7
Dilatation
eP 21:59:55

Mar.26 1968
eP 00:18:34.8
eS 56
iP 00:54:20.2
iS 31.5
Dilatation
eP 01:00:45
i 51.1
eP 11:33:03.7
iS 20.3
iP 16:33:50.3
iS 34:20.2
iP 18:10:49.0
iS 55.1
eP 21:00:57.8
iP 21:05:22.5
iS 51.1
Dilatation
eP 21:25:23
i 26.1
i 44.2
i 47.1
eP 22:00:08
eS 56
eP 22:27:56
27 iP 17:15:09.5
i 38.7
i 40.3
Dilatation
eP 17:53:40.8
iS 54:07.9
iP 19:41:42.7
iS 53.0
Dilatation
eP 19:43:46
iS 59.3
iP 21:39:00.0
iS 06.2
Dilatation
eP 21:42:29
eS 43.1

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PROVISIONAL READINGS AT MICHILLA

Mar.28 1968
eP 00:37:24.3
eS 48

eP 03:03:39.3
eS 04:03

eP 03:58:07
eS 46

iP 10:03:43.9
iS 04:03.6
Compression

eP 13:39:34.1

iP 14:22:23.5
Dilatation

eP 22:10:08.4
eS 32.5

eP 23:16:21.7
eS 46.8

29 iP 02:14:50.3
iS 15:23.3
Compression

iP 03:32:56.9
iS 33:06.4
Dilatation

iP 09:34:02.3
iS 47.5
Dilatation

iP 12:54:48.8
iS 55.8
Compression

iP 13:35:20.8
iS 57.8
Compression

iP 13:57:58.2
iS 58:06.7
Compression

eP 15:15:43.8
iS 16:07.4

eP 16:42:45

iP 20:48:28.2
eS 49:11
Dilatation

Mar.29 1968
iP 20:55:35.1
iS 54.2
Dilatation

iP 22:15:14.2
eS 36

eP 22:56:37

30 iP 00:26:15.8
i 37.6
i 42.8
Compression

iP 00:32:14.8
iS 34.0
Dilatation

eP 08:15:46.9
iS 16:03.2

eP 14:22:11
i 31.8
i 37.8

iP 15:46:47.4
iS 55.7
Dilatation

iP 16:57:41.9
Dilatation

iP 17:17:21.6
Dilatation

eP 17:35:11

iP 18:51:46.0
eS 52:03.8
Dilatation

eP 21:04:40

iP 21:46:26.9
iS 41.1
Compression

31 iP 00:55:43.8
eS 56:22
Dilatation

iP 01:07:47.4

eP 01:53:13

eP 04:20:54

Mar.31 1968
iP 04:44:54.6
eS 45:05

eP 05:59:13
eS 36

iP 06:45:28.2
i 48.3
i 50.0

iP 08:44:38.2
iS 56.8
Dilatation

eP 09:01:14
iS 47.9

eP 14:32:30

iP 16:43:39.2
iS 44:15.8
Compression

eP 19:50:13
iS 52.7

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jan.01 1968
eP 01:23:38.5
eS 52.3
Dist. 120 Km.

eP 09:18:10.5
eS 36.2
Dist. 235 Km.

iP 11:15:59.7
S 16:18.4
Dist. 165 Km.

eP 20:20:09
eS 21:10.5
Dist. 595 Km.

02 eP 10:28:16
eS 31.5
Dist. 135 Km.

eP 11:30:18.5
eS 33.4
Dist. 130 Km.

eP 22:47:37.0
eS 49:32
Dist. 10.5°

03 eP 06:15:25
eS 41
Dist. 140 Km.

eP 19:02:53
eS 03:32.5
Dist. 375 Km.

eP 19:08:36.8
eS 09:02
Dist. 230 Km.

eP 20:48:(09.5)
eS 52
Dist. about 400 Km.

Jan.04 1968
eP 00:10:09.5
eS 31.5
Dist. 200 Km.

eP 14:51:11
eS 53:46
Dist. 14.5°

05 eP 02:29:55.8
eS 30:20.3
Dist. 225 Km.

06 eP 03:11:01.3
eS 20
Dist. 165 Km.
Small

eP 04:39:58.1
eS 40:25.5
Dist. 255 Km.

eP 05:34:(00)
eS 14.2
Dist. about 120 Km.

eP 15:51:31.5
eS 52:36
Dist. 635 Km.

eP 19:20:56.5
eS 21:13.5
Dist. 150 Km.

eP 21:15:50.5
eS 16:10
Dist. 175 Km.

eP 23:03:36.8
eS 48.6
Dist. 100 Km.

Dec.06 1968
eP 23:28:36
eS 29:37
Dist. 590 Km.
Felt at Copiapó VI, Vallenar V, Vicuña IV, Potrerillos III, La Serena III, Coquimbo II, Ovalle I.

07 eP 00:18:56.5
eS 20:05
Dist. 665 Km.

eP 00:24:31.5
eS 25:34
Dist. 605 Km.

eP 00:36:36.8
eS 37:(46)
Dist. about 670 Km.

eP 02:29:55.5
eS 31:04
Dist. 665 Km.

eP 04:21:50.5
eS 23:01.5
Dist. 670 Km.

eP 08:04:52.3
eS 05:17.7
Dist. 235 Km.
Small

eP 14:01:16.5
eS 02:25.5
Dist. 670 Km.

eP 16:30:12.5
eS 31:17
Dist. 625 Km.

eP 17:28:09
eS 21.5
Dist. 105 Km.

H. Becker
SEISMOLOGIST

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jan.01 1968
eP 11:16:03.2
eS 24.5
Dist. 195 Km.

02 eP 22:47:(41)

03 eP 06:15:21.5

06 eP 03:11:05.5
eS 26.5
Dilatation
Dist. 190 Km.
Small

Jan.06 1968
eP 15:51:36
eS 52:44
Dist. 660 Km.

eP 21:15:53.5
eS 16:16.5
Dist. 210 Km.

eP 23:28:40.5

Jan.07 1968
eP 00:24:36.1

eP 00:36:(41)

eP 02:30:(01)
e(S) 31:11.5

e(P) 14:01:25

H. Becker
SEISMOLOGIST

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jan.03 1968 eP 20:47:30
eS 42
Dist. 95 Km.

A. Sickinger
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jan.05 1968 iP 03:11:43
iS 50.6
Dist. 60 Km.

iP 11:23:08.5
iS 13.5
Dist. 40 Km.

Jan.06 1968 eP 09:50:20
iS 24
Dist. 30 Km.

e(P) 23:30:11
e 33:00
LR 35

R. Schulz
SEISMOLOGIST

Jan.07 1968 e 00:26:33
e 28:50

08 eP 18:49:06
iPPP 45
eS 53:06
Dist. 2500 Km.

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Dec.15 1967 eP 08:15:00.5
i 02.5
eS 23.0
i 35
From NE
Dist. about 200 Km.

iP
e(S) 08:16:19.3
iS 41.5
50.5

eP 11:50:23.2
eS 59.0
Dist. 320 Km.

eP 12:33:23.2
eS 44.7
Dist . 190 KM.

16 iP
eS 03:23:58.1
27:56
PZ 0.26 u t 1.0 sec.
mag. 5 3/4
Dilatation from N
Dist. about 22°

iP
i(S) 04:19:59.9
20:03.4
Compression from S

eP 06:36:51.8
eS 37:27.9
Dist. 320 Km.

Dec.16 1967 eP 09:29:37
eS 30:17.9
Dist. about 370 Km.

iP
iS 11:47:36.9
48:17.5
Compression from ESE
Dist. 370 Km.

eP
eS 12:50:10.3
21.4
Dist. 90 Km.

eP
e(S) 15:03:09.4
i 04:24.9
39.2

eP 18:21:50.6
e 51.9
eS 22:15.9
e 18.4
Dist. 220 Km.

eP 20:29:38.7

eP
eS 20:36:(17.9)
38.1

eP
e(S) 20:43:04.2
26.2

iP
iS 22:30:43.9
31:29.9
Compression from ENE
Dist. 430 Km.

Dec.17 1967 eP
eS 00:30:40.0
53.6
Dist. 110 Km.

eP 02:15:00.1
eS 04.0
Dist. 40 Km.

eP
e(S) 05:32:19.2
35.9

eP 06:14:10
e 11.4

eP 16:05:49.3
eS 06:16.8
Dist. 250 Km.

18 eP 07:42:03.7
eS 42.5
Dist. 350 Km.

eP 08:18:12.3
eS 58.8
Dist. 440 Km.

eP 16:03:1
eS 38.9
Dist. about 220 Km.

e(P) 19:41:15.1
eS 38.3

19 iP 01:45:22.9
iS 40.2
Compression from SSW
Dist. 140 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Dec.19 eP 08:44:34.1
1967 i(S) 45:51.4

eP 10:25:52.0
eS 26:20.1
Dist. 250 Km.

eP 14:16:49.7
eS 18:18.6
Dist. 870 Km.

iP 15:11:52.7
eS 12:09.2
i 10.9
Compression from S
Dist. 140 Km.

eP 18:43:(30.7)
iS 39.5

eP 23:03:20.5
eS 57.4
Dist. 340 Km.

20 eP 05:59:(01.9)
eS 24.9

eP 15:36:50.4
eS 37:12.3
Dist. 190 Km.

eP 16:02:31.9

eP 16:29:13.4
eS 34.4
Dist. 180 Km.

iP 17:40:25.0
iS 39.6
Dilatation from S
Dist. 120 Km.

eP 19:56:23.9
eS 57:12.9
Dist. 470 Km.

eP 21:15:07.8
e(S) 26.7

eP 21:40:49.3

e(P) 22:22:06.5

Y. Franulic
SEISMOLOGIST

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT COPIAPO

27° 21' 15" S 70° 21' 04" W h 384 m

Jan.01 1968	eP	20:19:11.3
	eS	29.6
02	eP	22:21:28.8
	eS	22:29.2
06	eP	16:50:27.5
	eS	42
07	iP	00:23:11.7
	eS	25.4
13	eP	16:08:44
	e(S)	09:03.4
21	eP	14:08:36.3
23	eP	04:08:20.4
	eS	38.6
	eP	22:37:40.7
25	eP	01:20:04.4
26	eP	02:28:53
	eS	29:03.8
30	eP	19:49:01.3
Feb.04 1968	eP	14:29:16.9
	eS	30:38.6
Mar.03 1968	eP	08:54:49
	eS	55:08.8
08	eP	08:00:52.5
	eS	01:10.3
09	eP	17:27:17.6
	eS	28:07.5
11	eP	01:15:56.5
15	eP	12:25:45.5
	eS	26:07
16	eP	05:25:26.4
	eS	40.3
22	eP	01:57:35.8
	eP	04:17:05.3
26	eP	22:27:05.8
	eS	16.7

Mar.27 1968	eP	02:29:23.7
	eS	41.2
Apr.10 1968	eP	04:16:51.5
	eS	17:12.2
17	eP	11:44:54.5
	eS	45:17.5
	eP	11:56:29
	e	42.5
	eS	57:03.3
21	eP	08:59:31.6
	eS	09:00:17.6
May 14 1968	eP	07:11:29.5
	eS	45
16	ePKP	01:09:16
	ePKP	22:46:29
21	eP	11:37:23.5
Jun.01 1968	eP	02:08:48
	eS	09:11.1
02	eP	11:41:39
	eS	51
06	eP	04:38:17
	eS	27
19	eP	08:18:35.5
	eS	22:50
	Dist. 24°	
20	eP	16:43:28.8
	eS	48
Jul.05 1968	eP	17:32:05
	eS	15
07	eP	13:36:24.8
	eS	49
10	eP	08:37:06.4
	eS	50.5
Aug.02 1968	eP	14:15:47.5
	eS	23:01.7
	eG	28:30
	eR	30:00
	Dist. 52.5°	

Aug.09 1968	eP	08:52:22.2
	eS	53:11.2
	eP	09:14:49
	e(S)	15:39
10	eP	04:27:03.2
	Distant shock	
	eP	05:50:20
	eS	31
16	eP	09:29:06.5
	eS	21
23	Two shocks. Records failure	
29	eP	01:57:26.5
	eS	57
Sep.20 1968	eP	06:07:17.5
	Distant shock	
22	eP	21:54:02
	e(S)	55
Oct.01 1968	eP	05:37:03
	e(P)	11:05:15
	eS	28
11	eP	09:09:48.5
	eS	10:05.5
	e(P)	09:52:02
	e	44
22	eP	12:51:10.5
	eS	32
23	eP	11:08:24
	eS	55.5
Nov.16 1968	eP	18:37:48.5
	eS	38:17
Dec.16 1968	eP	02:09:38.5
	eS	56

H. Becker
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
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RICHMOND SURREY ENGLAND

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jan.08 1968
eP 18:47:44.5
i 49
eS 50:24
Dist. 980 Km.

eP 20:31:18
eS 38:38
eR 46:18

09 eP 00:56:31.5
eS 57:47.5
Dist. 740 Km.

eP 01:58:41.5
eS 59:49
Dist. 655 Km.

iP 14:38:47.8
iS 59.5
Dist. 95 Km.

10 eP 05:55:40.5

eP 16:33:35
eS 54.2
Dist. 170 Km.

eP 20:17:04.5
eS 18:13
Dist. 665 Km.

eP 23:31:45
eS 32:40.5
Dist. 535 Km.

11 eP 01:59:01
eS 29.5
Dist. 265 Km.

eP 11:55:39.5
eS 55.1
Dist. 135 Km.
Small

eP 17:15:06.5
Distant shock

eP 18:05:07.0
e(S) 32
Small

Jan.12 1968
eP 03:24:01.5
eS 12.5
Dist. 90 Km.
Small

eP 04:02:08
eS 29.2
Dist. 190 Km.
Small

eP 09:01:17.5
eS 35.5
Dist. 160 Km.
Small

eP 13:50:36.5
eS 51:20.5
Dist. 420 Km.

eP 14:13:50.5
Distant shock

eP 17:05:36.3
eS 47.8
Dist. 95 Km.
Small

eP 18:00:49.6
eS 01:03.5
Dist. 120 Km.

eP 18:25:00.5
eS 12.5
Dist. 100 Km.
Small

eP 10:51:24.5
eS 38.5
Dist. 120 Km.
Small

13 eP 08:33:47.5
eS 34:00.5
Dist. 110 Km.

eP 08:24:50.5
eS 25:12
Dist. 195 Km.

eP 15:56:28
eS 55.5
Dist. 255 Km.

Jan.13 1968
eP 16:09:11.5
e(S) 10:33

eP 20:28:12.5
eS 23
Dist. 85 Km.

eP 21:31:34
eS 33:16
Dist. 1000 Km.

eP 22:39:29
Distant shock

14 eP 06:19:51
eS 59.5
Dist. 65 Km.
Small

eP 12:44:08.5
eS 47:36
Dist. 19°

eP 16:06:11.5
eS 31.5
Dist. 180 Km.

eP 22:28:37.5
Distant shock

15 e(P) 04:19:25
eS 42.8

eP 14:24:59
eS 25:27.4
Dist. 265 Km.

eP 15:16:49.5
Distant shock

eP 17:14:30.5
eS 49
Dist. 165 Km.

eP 17:47:24.3
eS 38.2
Dist. 120 Km.

16 eP 00:53:43
eS 57.2
Dist. 120 Km.

H. Becker
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jan.08 1968 eP 18:47:47.5
eP 20:31:23.5
09 iP 14:38:49.5
eS 39:02
Dist. 110 Km.

Jan.12 1968 eP 18:00:51.2
13 eP 08:33:50.5
eP 15:56:31.2
eP 16:09:15

Jan.14 eP 16:06:07.5
eS 24.5
Dist. 150 Km.
15 eP 17:47:28

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jan.06 1968 eP 23:29:34
eS 31:57
Dist. 1400 Km.
09 eP 01:10:34
eS 47
Dist. 105 Km.

Jan.10 1968 eP 23:31:12
eS 40
Dist. 240 Km.
13 eP 16:10:06.5
eS 12:35.5
Dist. 1400 Km.

A. Sickinger
Seismologist

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jan.10 eP 20:16:00
eS 18
Dist. 150 Km.

Jan.13 1968 eP 16:10:42
eS 13:44
Dist. 1800 Km.

Jan.13 1968 e 21:33:07
Small

R. Schulz
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Dic.21 1967 eP 07:52:16.5
i 16.8
eP 08:31:52
e(S) 32:17.3
eP 09:53:(18.3)
i 20.8
i(S) 46.0
eP 10:17:(07.3)
e(S) 29.5

Dic.21 1967 eP 11:04:(10.8)
e(S) 25.8
e 36.6
eP 15:29:(04.2)
e(S) 16.6
e 26.5
e(P) 15:51:(29.2)
i(S) 53.7
eP 16:35:(34.2)
e 35.7
e(S) 51.7
i 58.6

Dic.21 1967 eP 16:55:39.7
e(S) 56:01.2
i(P) 16:56:12.8
iS 28.7
eP 17:02:33
e(S) 03:03.3
eP 17:33:27.3
e(S) 41.4
e 49.0

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PROVISIONAL READINGS AT ANTOFAGASTA

Dic. 21 1967

	eP	21:12:(43.7)
	e(S)	59.8
	e	13:09.2
	e(P)	21:50:(56.0)
	iS	51:31.2
	eS	22:11:28.6
	eS	22:18:02.2
	iP	22:53:13.7
	e	27.7
	iS	37.4
	e(P)	23:35:(41.7)
	eS	36:00.3
	eP	23:38:(27.7)
	eS	48.2
	e	45:16.7
22	eP	01:23:29.5
	eP	02:08:29.4
	iS	52.2
	Dist. 200 Km.	
	e(P)	03:38:16.6
	eP	06:19:10.9
	eS	27.1
	i	32.6
	Dist. 130 Km.	
	eP	07:34:30.8
	e(S)	44.6
	e	56.3
	eP	09:42:(30.6)
	e	44.6
	e	56.8
	e(S)	43:05.6
	eP	09:51:12
	eS	37.3
	Dist. 220 Km.	
	e(P)	10:07:18
	e	19.8
	eS	23.8
	iP	11:51:27.0
	i	32.3
	Dist. 50 Km.	

Dic.22 1967

	eP	12:29:12
	eS	31.6
	Dist. 160 Km.	
	e(P)	12:38:(04.6)
	eS	31.1
	iP	13:19:44.0
	iS	50.6
	Dist. 60 Km.	
	eP	15:59:(02.4)
	e(S)	28.6
	eP	16:43:29
	e(S)	44:27.1
	eP	16:52:(16.1)
	iS	46.6
★	iP	17:41:26.6
	i	37.3
	i(S)	55.3
	Two shocks?	
	e(P)	20:59:(34.5)
23	eP	03:17:31
	eS	18:09.5
	Dist. 350 Km.	
	eP	03:31:31.0
	eS	51.1
	Dist. 170 Km.	
	eP	03:47:32
	eS	50.3
	Dist. 150 Km.	
	eP	06:19:(31.0)
	eS	56.3
	Dist. 220 Km.	
	iP	07:09:38.5
	i(S)	10:15.1
	iP	07:39:40.4
	e(S)	53.2
	i	40:04.5
	eP	08:07:(05.1)
	eS	31.4
	eP	08:28:29.4
	e	31.5
	eS	55.4
	Dist. 230 Km.	

Dic.23 1967

	eP	09:58:17
	eS	31
	Dist. 110 Km.	
	e(P)	13:10:(43.5)
	eS	11:04.4
	eP	17:28:56.7
	eS	29:18.0
	Dist. 180 Km.	
	eP	20:03:17.5
	eS	43.6
	Dist. 230 Km	
	eP	20:33:37.5
	eS	56.3
	Dist. 160 Km.	
	e(P)	23:27:39.5
	e(S)	50.5
24	eP	03:15:20
	eS	45.8
	Dist. 230 Km.	
	eP	06:51:(50.4)
	e(S)	52:39.6
	R	49.9
	eP	07:08:45.0
	e(S)	10:22.7
	eP	08:29:(20.6)
	eS	44.9
	Dist. 210 Km.	
	eP	09:45:40
	eS	46:15.1
	Dist. 170 Km.	
	eP	09:47:14.2
	e(S)	25.5
	e	31.9
	eP	11:16:44
	eS	17:14.0
	Dist. 270 Km.	
★ 22	eP	17:15:38.2
	eS	53.0
	Dist. 120 Km.	
	eP	17:34:31.5
	eS	53.0
	Dist. 190 Km.	

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PROVISIONAL READINGS AT ANTOFAGASTA

Dic.24 1967

eP 11:30:44.6
eS 31:01.1
Dist. 140 Km.

eP 11:33:43.9
i 46.1
iS 58
Dist. 130 Km.
Dilatation

e(P) 11:52:11.4
eS 40.1

eP 12:16:52.4
eS 17:15.4
Dist. 200 Km.

eP 14:42:49.5
eS 43:11°7
Dist. 190 Km.

eP 18:20:(42.3)
eS 21:04.8
Dist. 200 Km.

eP 18:55:52
eS 56:25.3
Dist. 300 Km.

iP 20:11:00.1
iPP 12:40
eS 17:06
e(G) 20:00
e(R) 22.8
Compression from N
PZ 0.11 u t1.0 sec.
Mag. 5½
Dist. 41°

eP 21:40:20.6
PZ 0.09 u t 1.0 sec.
Distant shock

eP 22:32:52.3
eS 33:14.8
Dist. 200 Km.

eP 22:37:10.1
e 12.3
i(S) 33.8

eP 23:51:(45.8)
eS 52:08.0
Dist. 190 Km.

Dic. 25 1967

eP 01:42:35.8
e 39.5
Distant shock

e(P) 03:41:13.3

eP 03:59:(56.3)
eS 04:00:(21.8)
Dist. about 230 Km.

eP 06:55:43.8
e 45.3
eS 56:06.1
Dist. 190 Km.

eP 08:49:40
eS 50:(06.8)
Dist. 240 Km.

iP 10:42:04.2
iS 20
Compression from NNW
Dist. 130 Km.

eP 11:07:43.7
eS 08:05.0
Dist. 180 Km.

eP 11:34:36.0
eS 59.8
Dist. 210 Km.

eP 11:53:37.7
e 50.3
e(S) 54:09.7

eP 19:09:26.7
eS 45.2
Dist. 160 Km.

eP 10:14:00.7
eS 21.0
Dist. 170 Km.

eP 22:18:49.8
eS 19:30.1
Dist. 360 Km.

eP 23:44:39.9
eS 45:00.4
Dist. 180 Km.

26 eP 03:55:08.1
eS 19.4
Dist. 90 Km.

Dic.26 1967

eP 03:56:10.9
e(S) 37.0

e(P) 05:29:20.6
e(S) 30:51.6
e 57.1

eP 06:39:05.3
eS 26.0
Dist. 180 Km.

eP 07:39:02.1
eS 27.6
Dist. 230 Km.

eP 08:08:49.6
eS 09:18.4
i 19.4
Compression
Dist. 260 Km.

eP 08:14:38.8
eS 15:17.9
Dilatation
Dist. 360 Km.

eP 08:33:00.6
eS 17.6
Dist. 140 Km.

eP 09:26:50.3
eS 27:24.2
Dist. 310 Km.

eP 10:05:15
eS 39.6
Dist. about 320 Km.

eP 13:10:(13.2)
eS (54.1)
Dist. about 370 Km.

eP 16:56:47.0
e 51.1
eS 56.4
Dist. 170 Km.

eP 17:15:38.2
eS 53.0
Dist. 108 Km.

eP 18:11:41.0
eS 12:53.0
Dist. 690 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Dic.27 1967
iP 06:51:55.8
eS 52:55.7
Compression from SE
Dist. 570 Km.

e(P) 08:16:40
eS 17:01.8

iP 09:18:38.9
iS 19:10
Compression from NNE
Dist. about 280 Km.

Dic.27 1967
eP 09:33:38.9
eS 34:07.9
Dist. 260 Km.

eP 09:54:48.4
i(S) 55:20

eP 10:06:33.4
eS 54.9
Dist. 190 Km.

Dic.27 1967
iP 10:49:15.9
iS 40
Compression from NE
Dist. about 230 Km.

eP 11:48:32.4
eS 43.6
Dist. 90 Km.

eP 12:35:58
e(S) 36:25.9

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL
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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" h 690 m

Jan.16 1968
eP 00:53:43
eS 57.2
Dist. 120 Km.

eP 15:28:56
eS 29:30
Dist. 320 Km.

eP 15:35:52.5
eS 36:18.5
Dist. 240 Km.

eP 16:30:09.5

eP 22:46:20
eS 06.5
Dist. 445 Km.

17 eP 01:56:15
eS 43.5
Dist. 265 Km.

eP 03:21:18
eS 48
Dist. 280 Km.

eP 06:20:59.8
eS 21:17
Dist. 150 Km.

eP 06:33:59
eS 34:42.7
Dist. 415 Km.

eP 08:01:09
eS 34
Dist. 230 Km.

eP 08:09:46.5
eS 10:12
Dist. 235 Km.

eP 17:01:00.3
eS 11.3
Dist. 90 Km.

eP 21:48:42
Distant shock

eP 22:22:19.5
eS 35.5
Dist. 140 Km.

18 eP 16:27:06.2
eS 08.5
Local

Jan.19 1968
ePP 06:24:26
eSKS 30:16
eSKKS 31:36
e 32:30
ePS 34:14
eSS 41:00
eSSS 44:34
eL 53:40
eR 59:46
Dist. 125°

eP 06:53:45.8
eS 54:08
Dist. 200 Km.

iP 12:34:15.7
eS 29.6
Dilatation from SE
Dist. 120 Km.

eP 14:42:0.07
eS 43:51
Dist. 10°

iP 18:27:26.8
Distant shock

eP 21:46:23.5
eS 48.6
Dist. 260 Km.

20 eP 01:54:22
eS 34.5
Dist. 105 Km.

eP 02:49:16.5
eS 36.4
Dist. 180 Km.

eP 18:46:25
eS 47:04.4
Dist. 375 Km.

eP 19:05:22.5
eS 48
Dist. 235 Km.

eP 21:32:50.3
eS 34:10
Dist. 780 Km.

eP 21:43:38
Distant shock

21 eP 04:12:32.5
eS (40)
Dist. about 55 Km.
Compression from SE

Jan.21 1968
eP 11:44:35.9
eS 50
Compression from NE
Dist. 120 Km.

eP 14:09:54
eS 11:27.5
Dist. 920 Km.

iP 14:14:48.5
eS 15:06
Compression
Dist. 155 Km.

eP 14:32:19.5
eS 36.5
Dist. 150 Km.

eP 15:47:18.3
eS 34.5
Dist. 140 Km.

eP 16:52:40
eS 17:01:08
eSS 05:04
eG 07:48
eR 11:24
Dist. 64°

eP 23:53:44.7
Distant shock

22 eP 02:28:11.5
eS 32.5
Dist. 190 Km.

eP 06:25:34.4
eS 55.5
Dist. 190 Km.

eP 08:31:11.4
eS 27.2
Dist. 140 Km.

eP 08:43:39.3
eS 55
Dist. 135 Km.

eP 08:54:18.5
eS 34.5
Dist. 140 Km.

eP 13:08:47.5
eS 09:03.8
Dist. 145 Km.

eP 13:13:45.4
eS 14:01.5
Dist. 140 Km.

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PROVISIONAL READINGS AT PELDEHUE

Jan.22 1968
eP 13:25:(52.5)
eS 26:03
Dist. 85 Km.

eP 13:32:24
eS 41
Dist. 150 Km.

eP 15:11:43.2
eS 52.7
Dist. 75 Km.

eP 19:27:29
eS 51.5
Dist. 205 Km.

eP 10:56:(46)
e(S) 57:34

23 eP 02:09:21.5
eS 38.5
Dist. 150 Km.

eP 02:32:40
eS 56
Small
Dist. 140 Km.

eP 03:46:43.5
eS 47:09.5
Small
Dist. 240 Km.

eP 03:57:08
eS 23.5
Dist. 135 Km.

eP 04:09:22.7
e(S) 10:20

eP 14:34:01.8
e(S) 35:10

eP 22:38:21
eS 39:21.5
Dist. 580 Km.

eP 23:27:22.2
eS (40)
Compression from NNW
Dist. about 160 Km.

24 eP 02:17:(30)
eS 18:15
Dist. about 430 Km.

eP 12:49:33
eS 51:05.5
Dis.t 910 Km.

Jan.24 1968
eP 14:56:01.2
eS 20.5
Dist. 175 Km.

eP 17:29:00
eS 38.5
Dist. 365 Km.

eP 20:23:(27)
eS 44.4
Dist. 155 Km.

25 iP 00:05:20.3
eS 31.5
Dilatation from SE
Dist. 95 Km.

eP 01:21:13
Distant shock

eP 05:02:30.8
eS 47.0
Dist. 140 Km.

eP 05:50:57.5
eS 51:17.3
Dist. 180 Km.

iP 12:22:05.9
iS 20.5
Dilatation
Dist. 125 Km.

eP 13:21:27.2
eS 41.3
Dist. 120 Km.

eP 13:25:00.7
eS 14.5
Dist. 120 Km.

eP 14:00:28.1
iS 37.9
Small
Dist. 80 Km.

eP 18:00:55.5
iS 01:07.3
Dist. 100 Km.
Small

eP 19:29:38.3
iS 30:07.8
Dist. 275 Km.

eP 21:30:03.9
eS 22.3
Dist. 165 Km.

Jan.25 1968
eP 22:29:51.8
eS 30:06.2
Dist. 125 Km.

26 eP 00:51:17.5
iS 33.4
Dist. 140 Km.

eP 02:00:33.8
e(S) 01:14.5
e 19.5

eP 02:15:09.5
eS 25.5
Small
Dist. 140 Km.

eP 02:29:48.4
e 57.9
e(S) 30:08.2

e(P) 02:30:45.5
eS 31:12.7
Superimposed to precedent shock

ePKP 05:05:03.4
epPKP 14.1
ePP 07:58
eSKP 08:35.5
eSKKS 14:42
e(PcSPKP) 16:35
e 19:19
eSS 25:55
e(PSS) 26:54
eSSS 31:16
eQ 41:20
eR 51:00
Dist. 138°

eP 06:23:31.3
e(S) 24:10.5

eP 07:44:14.5
eS (54.
Dist. about 380 Km

iP 09:10:01.8
iS 13.0
Dilatation from N
Dist. 90 Km.

iP 11:08:39.5
eS 56.6
Dilatation from NW
Dist. 150 Km.

eP 11:15:06.8
eS 24.1
Dist. 155 Km.

M. I. Muñoz
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jan.16 1968	eP	15:35:55.5
	e(S)	36:26
17	eP	03:21:(24)
	eP	06:20:58.5
	eS	21:14.5
	Dist. 140 Km.	
	eP	06:34:00.6
19	eP	06:53:44
	eS	54:02
	Dist. 160 Km.	
	eP	12:34:13
	eS	25
	Dist. 100 Km.	
	eP	14:41:57.5
	Distant shock	
	eP	18:27:39
	Distant shock	
20	eP	21:32:47
Jan.21 1968	eP	04:12:34.5
	eP	11:44:34.3
	Compression	
	eP	14:14:50.5
	eP	14:32:21
	eS	(38.5)
	Dist. about 155 Km.	
	eP	15:47:20.0
	eS	(36)
	Dist. about 140 Km.	
	eP	16:52:(46.5)
22	eP	06:25:38.5
	eP	08:31:12.5
	eS	(32.5)
	Dist. about 180 Km.	
	eP	15:11:39.5
Jan.23 1968	eP	02:09:25
	eS	43.5
	Compression	
	Dist. 165 Km.	
	eP	14:34:05
	eP	23:27:25.8
25	eP	00:05:24.9
	eS	38.9
	Dist. 120 Km.	
	eP	05:02:35.5
	eS	55
	Dist. 175 Km.	
26	eP	06:23:34.6
	Distant shock	
	eP	09:10:06.4
	e(S)	20.1

C. Gallardo
Seismologist

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jan.17 1968	e	08:08:45
	iS	48
19	eP	06:11:01
	iS	10
	Dist. 70 Km.	
	eP	06:52:16
	e(S)	35
	eP	14:40:30
	eS	41:06
	L	42:00
	M	42:30
	Dist. 320 Km.	
20	e	09:23:38
	e	55
	e(S)	24:43
Jan.20 1968	iP	18:40:01.5
	iS	07.3
	Dist. 50 Km.	
	eP	21:31:50
	e	32:05
	e(S)	10
21	iP	11:36:38
	iS	41.5
	Dist. 25 Km.	
	eP	12:26:55
	eS	27:14
	Dist. 160 Km.	
	eiP	13:17:35
	eS	25
	Dist. 200 Km.	
Jan.21 1968	e(S)	17:02:00
	L	14:00
	Distant shock	
24	eP	12:48:47
	eS	49:19
26	eS	09:13:32
	Small	
29	ePKP	10:38:04
	ePP	43:10
	eSKKS	49:10
	e	54:15
	ePPS	56:18
	eSS	11:03:04
	e	20:50
	L	27:00
	Dist. 18.000 Km.	

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PROVISIONAL READINGS AT VALDIVIA

Jan.30 1968
eP 20:16:46
e 20:10
Distant shock

31
eP 02:06:34
Distant shock

Jan.31 1968
eP 02:09:07
Distant shock

R. Schulz
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jan.04 1968
eP 14:03:07.5
eS 28.9
Dist. 180 Km.

iP 14:49:04.2
i(S) 37
i 38
Compression from N

eP 20:05:36.6
eS 06:15.6
Compression from N
Dist. 350 Km.

e(P) 20:13:29.7
i 31.9
iS 57.1
Two shocks

eP 23:55:08.7
e(S) 23

05
eP 02:47:00.1
eS 16.7
Dist. 130 Km.

eP 05:12:53.6
e(S) 13:32

iP 06:12:28.1
iS 33.4
Compression from N
Dist. 40 Km.

e(P) 16:33:14
eS 37.4

eP 17:45:32.2
eS 51.8
Dist. 160 Km.

e(P) 21:38:19.0
e(S) 47

Jan.06 1968
eP 05:44:09.7
eS 32.6
Dist. 200 Km.

eP 06:21:42.3
eS 22:31.2
Dist. 470 Km.
Compression

eP 10:54:58.4
eS 55:24.9
Dilatation
Dist. 230 Km.

eP 12:40:41
e 52.2
e(S) 41:09.1

e(P) 13:33:08
e(S) 41

eP 13:50:58.3
i 51:55
i(S) 52:33.7
i(S) 44
Two shocks

iP 16:49:16.5
eS 56.6
Compression from NNE
Dist. 360 Km.

e(P) 16:54:18.7
eS 25.3

e(P) 19:07:28

e(P) 19:44:28
i 46.7
iS 57
Two shocks

iP 23:28:22.1
Compression from SSW
Local?

Jan.07 1968
eP 00:24:18.1
Compression
Local?
PZ 0.28 u T 0.8 sec.

e(P) 00:36:23

e(P) 06:13:39
e(S) 14:03

eP 14:00:58.8
Local?

eP 14:09:39.8
eS 52.6
Compression from N
Dist. 100 Km.

eP 18:58:00.1
eS 46.8
Compression from S
Dist. 440 Km.

e(P) 23:06:06
eS 32.7

08
eP 06:39:25.0
eS 38.7
Dist. 110 Km.

eP 06:50:05.4
iS 34.4
Compression from NW
Dist. 270 Km.

eP 18:45:41.1
i 42.4
iS 46:38
Dilatation from NNE

J. Frez
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

IMPRESO ORDINARIO

29 JUL 1968

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

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Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" h 690 m

Jan. 26 1968
eP 20:39:47.7
e 42:08.9

eP 21:08:53.8
iS 09:09.9
Dist. 140 Km.

27
iP 03:42:05.8
iS 21.6
Dist. 140 Km.

iP 06:43:35.7
iS 53.7
Dist. 160 Km.

eP 06:54:19.2
eS 59.6
Dist. 385 Km.

eP 07:10:31.4
eS 57.3
Dist. 240 Km.

iP 07:16:30.8
iS 17:05.7
Dilatation from S
Dist. 330 Km.

eP 07:24:57.2
eS 25:14.8
Dist. 155 Km.

eP 07:43:36.3
eS 44:00.7
Dist. 225 Km.

iP 12:19:57.4
iS 20:20.7
Dist. 215 Km.

eP 13:48:35.0
e(S) 57.8
e 49:05.5

eP 21:02:23.7
iS 40.7
Dist. 150 Km.

28
eP 04:43:18.9
eS (34.7)
Dist. about 140 Km.

eP 04:48:18.9
eS 35.6
Dist. 145 Km.

iP 09:49:17.6
iS 31.2
Compresion
Dist. 115 Km.

Jan. 28 1968
eP 11:28:20.5
iS 39.3
Small
Dist. 170 Km.

eP 15:22:30.9
e 25:31.7

29
eP 05:19:27.5
distant shock

eP 10:38:45.5
eS 48:46.
eQ 11:00:40.
Dist. 78°

eP 11:44:23.5
iS 50.7
Dist. 250 Km.

eP 17:02:34.4
distant shock

eP 17:05:31.2
eS 46.2
Dist. 130 Km.
Small

iP 22:20:31.3
iS 33.6
Compression
Local

30
eP 03:21:31.1
Distant shock

eP 03:54:06.9
eS 20.0
Dist. 110 Km.
Small

iP 04:02:42.2
Compression
distant shock

eP 05:59:50.3
distant shock

iP 08:41:24.8
iS 40.4
dilatation
Dist. 135 Km.
Small

eP 08:53:30.9
distant shock

Jan. 30
iP 14:10:05.1
iS 34.0
Compression
Dist. 270 Km.

iP 14:45:22.4
i(S) 42.8
Compression

eP 20:15:12.5
Distant shock

31
iP 00:52:47.8
eS 53:09.5
Dilatation
Dist. 195 Km.

iP 00:51:17.1
iS 46.6
Dilatation
Dist. 275 Km.

iP 02:05:32.1
iS 56
eR 12
Compression fr NE
Dist. 220 Km.

iP 04:48:02.5
iS 26.2
dilatation
Dist. 220 Km.

eP 04:51:45.7
eS 52:17.0
Dist. 295 Km.

eP 09:08:25.6
distant shock

eP 16:34:49.0
eS 35:12.0
Dist. 210 Km.

eP 18.37.35.2
eS 38:06.3
Dist. 290 Km.

Feb. 01
eP 02:31:01.1
eS 40.4
Dist. 375 Km.

iP 10:25:17.4
i(S) 37
dilatation fr. NW

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" h 690 m

Jan. 01 eP 11:27:29.0
iS 49.2
Dist. 180 Km.
Small

iP 11:30:49.1
dilatation fr NW

iP 11.34.23.9
iS 31.0
dilatation
Dist. 50 Km.
Small

eP 13:07:07.3
Distant shock

eP 13:59:34.7
Distant shock

02 iP 03:17:31.6
iS 43.7
Compression
Dist. 100 Km.

eP 08:26:06.3
eS 36.0
Dist. 275 Km.

eP 16:14:02.7
eS 17.4
Dist. 125 Km.

eP 19:12:20.1
eS 53.4
Dist. 315 Km.

iP 19:29:53.9
iS 56.5
Compression
Local

eP 21:34:26.8
Distant shock

eP 23:59:34.5
iS 00:00: 5.7
Dist. 290 Km.

03 eP 01:35:01.5
eS 17.2
Dist. 135 Km.

iP 02:14:41.2
eS 51.2
Dilatation
Dist. 80 Km.

Feb. 03 eP 02:46:30.7
e 49:20.3

eP 03:45:47.4

eP 05:45:58.3
Distant shock

eP 09:03:04.8
iS 17.0
Dist. 100 Km.

eP 11:47:15.8
Distant shock

eP 11:50:30.4
Distant Shock

eP 11:53:25.3
iS 39.4
Dist. 120 Km.

04 eP 16:48:36.0
eS 49:20.5
Dist. 425 Km.

05 iP 00:14:01.2
iS 08.6
i 16.0
Dist. 55 Km.
Dilat.

eP 02:12:39.0
e 50.3
eS 13:12.8
Dist. 320 Km.

eP 02:34:(05.2)
e 50.3

eP 05:53:52.7
iS 54:02.7
Dist. 80 Km.

eP 07:10:41.2
eS 11:05.3
Dist. 220 Km.

eP 08:44:(40.9)
e(S) 50.4

iP 12:58:19.2
e 49.1
iS 52.9
Dist. 315 Km.

Feb. 05 ep 15:39:(10.9)
eS 40:12.9
Dist. about 600 Km.

eP 18:31:22.7
eS 44.5
Dist. 200 Km.
Small

eP 19:27:04.2
eS 18.7
Dist. 125 Km.
Small

eP 23:14:13.5
iS 44.0
Dist. 280 Km.

06 eP 03:28:28.4
eS 50.5
Dist. 200 Km.

e(P) 03:31:04.7

eP 04:56:43.1
Distant shock

eP 05:33:02.9
i 16.6
e(S) 34:(37.7)

eP 09:48:22.2
eS 57.1
Dist. 330 Km.
Small

eP 14:14:40.3
e(S) 15:44.6
e 49.8

eP 15:58:37.4
e(S) 10.0

eP 17:18:19.3
e 47.2

eP 17:46:57.5
e(S) 47:50.2
e 48:00.8

eP 21:43:(07.4)
e(S) 44:02.7

e(P) 23:04:42
eS 10:27
eR 13:10

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

Feb. 07 iP 00:26:20.1
iS 32:3
Dilatation
Dist. 100 Km.

iP 02:21:15.6
iS 36.2
Dilat. fr SSE
Dist. 185 Km.

eP 03.22.44.5
iS 23:07.2
Small
Dist. 205 Km.

iP 06:03:08.2
iS 23.1
Dilatation fr SW
Dist. 130 Km.

eP 13:27:(12.3)
eS 28:06.6
e 16.9
Dist. about 525 Km.

eP 23:26:15.7
Distant shock

08 eP 07:32:28.8
Distant shock

eP 09:07:49.6
iS 08:03.4
Dist. 120 Km.
Small

eP 10:12:47.4
Distant shock

eP 10:43:40.8
Distant shock

eP 14:14:55.0
eS 15:25.6
Dist. 285 Km.

iP 16:17:45.1
iS 18:02.6
Dilatation
Dist. 155 Km.
Small

eP 23:31:37.3
eS 59.8
Dist. 205 Km.
Small

Feb. 09 iP 04:31:17.0
Distant Shock
Compression

11 eP 01:52:31.2
eS 49.9
Dist. 165
Small

eP 02:19:17.4
iS 33.6
Dist. 140 Km.

iP 03:57:38.2
iS 54.8
Compression
Dist. 145 Km.
Small

eP 04:02:49.0
e(S) 03:11.1

eP 07:47:56.8
eS 48:33.8
Dist. 360 Km.

iP 13:23:44.9
iS 24:01.7
Dilatation
Dist. 150 Km.

12 eP 00:36:02.3
iS 14.0
Dist. 95 Km.

eP 04:25:22.0
Distant shock

eP 06:03:37.2
e(PP) 05:20
eS 10:42
eR 18:24
Dist. 51°

eP 11:45:11.0
Distant shock

iP 17:03:02.9
eS 22.7
Compression
Dist. 180 Km.

13 eP 07:07:12.1
Distant shock

iP 07:57:13.4
iS 37
eR 58
dilatation fr NNE
Dist. 215 Km.

Feb. 13 iP 11:42:18.1
iS 43.5
Dilatation
Dist. 235 Km.

iP 12:33:20.7
iS 33.2
Compression
Dist. 105 Km.
Small

eP 12:39:29.0
Distant Shock

eP 19:32:46.9
eS 33:17.5
Dist. 285 Km.

14 eP 02:15:16.1
Distant shock

iP 06:07:33.1
iS 08:05.0
Dist. 300 Km.

eP 07:09:25.9
eS 35.4
Dist. 75 Km.
Small

eP 08:11:52.7
Distant Shock

eP 12:43:39.1
eS 44:07.0
Dist. 270 Km.

eP 13:04:24.7
Distant shock

iP 15:38:48.7
iS 39:05.0
Dilatation
Dist. 145 Km.
Small

15 eP 01:27:03.6
Distant Shock

eP 10:16:24.6
Distant Shock

16 eP 00:06:15.3
Distant Shock

eP 08:13:49.2
Distant Shock

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" h 690 m

Feb. 16 eP 23:45:45.6
iS 46:16.2
Dist. 285 Km.

17 iP 06:46:27.0
eS 49.3
Dilatation
Dist. 205 Km.

eP 10:02:17.5
eS 38.8
Dist. 195 Km.

eP 12:31:10.1
distant shock

Feb. 17 eP 12:57:30.9
iS 58:03.8
Dist. 310 Km.

eP 16:05:25.2
distant shock

eP 17:24:52.2
eS 25:15.0
Dist. 210 Km.
Small

eP 17:39:03.6
distant shock

Claudio Gallardo
Seismologist

Feb. 17 iP 18:32:46.2
iS 33:05.4
Dist. 170 Km.

18 iP 05:17:01.5
iS 13.5
Compression fr NW
Dist. 100 Km.

eP 07:02:44.9
eS 03:05.3
Dist. 185 Km.

eP 08:06:54.0
distant shock

eP 10:57:54.4
distant shock

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jan. 27 eP 06:43:39.6

eP 07:16:27.1

iP 12:20:01.2
iS 28.3
Compression
Dist. 250 Km.

29 eP 10:38:46.2
distant shock

30 eP 04:02:41.3
distant shock

iP 14:45:23.6
Compression

eP 20:15:15.5
Distant shock

31 iP 00:55:20.5
dilatation

iP 02:05:34.5
dilatation

iP 04:48:01.0
iS 23.3
Dilatation
Dist. 200 Km.

Jan. 31 eP 04:51:49.5

eP 16:34:50

Feb. 01 iP 10:25:21.3
Dilatation

iP 11:30:52.4

iP 11:34:27.6

Feb. 04 eP 11:30:37.5
distant shock

iP 13:25:15.4
eS 38.1
Dilatation
Dist. 205 Km.
Small

Feb. 05 eP 00:14:04.6

iP 11:16:00.7
Dilatation
Distant Shock

iP 12:58:16.1
eS (43.7)
dilatation

C. Gallardo
Seismologist

Feb. 07 iP 02:21:12.0
eS 28.2
Dilatation
Dist. 140 Km.

eP 06:03:06.8

iP 15:13:19.8
Compression

11 iP 16:04:16.1
e(S) 28.8
Compression

12 eP 06:03:38.1
distant shock

eP 17:03:06.8

13 iP 07:57:18.5
iS 45.5
Dilatation
Dist. 250 Km.

17 iP 18:32:44.0
iS 00.6
Compression
Dist. 145 Km.

18 iP 05:17:05.4
Compression

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PROVISIONAL READING AT VALDIVIA

39° 47' 24" S 73°16' 00" W h 12 m

Jan. 29	ePKP	10:38:04
	ePP	43:10
	eSKKS	49:10
	e	54:15
	ePPS	56:18
	eSS	11:03:04
	e	20:50
	L	27
30	eP	20:16:46
	e	20:10
	Distant	
31	eP	02:06:34
	Distant	
	eP	02:09:07
	Distant	
Feb. 02	e(P)	09:26:30
	eS	41
04	eP	11:31:54
	eS	35:39
	Distant. 3.200 Km.	
	iS	16:49:06.5
	Cercano	
Feb. 04	iP	19:09:45
	iS	53.5
	Dist. 70 Km.	
06	eP	01:24:42
	eS	25:50
	Dist. 65 Km.	
	eP	11:22:09
	e	41
	e(S)	24:37
	e	46
	e	55
	eS	18:30:01.5
	Local	
	eP	18:37:32
	eS	50
	Dist. 160 Km.	
07	eP	09:24:02
	e(S)	25:14
Feb. 07	eP	13:29:09
	iS	16.5
	Dist. 60 Km.	
Feb. 12	ePKP	06:10:25
	ePP	11:46
	ePPP	14:35
	ePKKP	20:54
	Dist. 120°	

R. Schulz
Seismologist

PROVISIONAL READING AT ANTOFAGASTA

23° 42' 18 S 70° 24' 55" W h 80 m

Jan. 29	ePKP	17:02:21.0
30	eP	03:21:17.9
	iP	04:03:06.0
	i	11.8
	Dilatation	
	eP	09:26:51.5
	eS	28:23.0
	Dist. 895 Km.	
	iP	20:13:18.7
	iS	44.0
	Dist. 235 Km.	
	iP	02:05:24.7
	iS	06:57.0
	Compression	
	Dist. 905 Km.	
	eP	04:52:50.2
31	e(P)	14:16:10.1
Feb. 02	eP	00:19:02.3
	iS	55.1
	Dist. 510 Km.	
	eP	09:58:55.4
	T 0.9	
	A 2.9	
03	eP	02:44:29.4
	i	31.2
	i(S)	55.3
	eP	05:45:04.2
	ipP	10.7
	eS	52:12
	T 1.5 A 5.8	
	Compression	
	Dist. 50.5°	
	eP	11:45:59.0
	e(S)	48:05.8
	iP	15:48:55.4
	ipP	49:36.7
	e(S)	55:34
	T 1.2 A 18.4	
Feb. 04	iP	11:28:31.6
	iS	29:07.0
	Dist. 335 Km.	
06	iP	03:11:46.8
	iS	12:06.7
	Dist. 180 Km.	
	eP	04:57:06.9
	T 1.0 A 3.5	
	iP	05:31:39.8
	iS	32:01.3
	Compression	
	Dist. 195 Km.	
	eP	11:20:35.0
	Compression	
07	iPKP	00:41:43.1
	e(P)	09:27:25.0

J. Frez
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6, South Oswald Road,
Edinburgh 9.

IMPRESO ORDINARIO

26 JUN 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb.18 1968
eP 20:59:29.1
Distant shock

iP 22:01:22.0
iS 35.6
Dilatation
Dist. 115 Km.
Small

eP 23:50:22.8
Distant shock

19 iP 09:26:55.7
iS 27:05.2
Compression from NNE
Dist. 75 Km.

eP 09:58:34.5
Distant shock

eP 19:02:12.4
Distant shock

eP 21:19:04.3
eS 19.1
Dist. 130 Km.

eP 23:04:25.7
ePP 07:48
ePPP 11:12
eS 15:00
eSS 20:40
eR 32:44
Dist. 89.5°

eP 23:49:45.7
Distant shock

20 eP 02:28:45.7
Distant shock

iP 07:42:53.7
iS 43:50.7
Dilatation
Dist. 550 Km.

eP 09:10:22.8
Distant shock

eP 10:29:51.5
Distant shock

eP 19:15:31.8
Distant shock

Feb.20 1968
eP 20:44:36.2
iS 55.3
Dist. 170 Km.

iP 21:39:57.9
iS 40:54.0
Compression from NNE
Dist. 540 Km.

eP 22:11:51.2
Distant shock

21 iP 04:05:11.6
iS 35.0
Dilatation
Dist. 215 Km.
Small

iP 04:09:58.6
iS 10:11.4
Dilatation
Dist. 110 Km.
Small

eP 05:42:52.4
Distant shock

iP 07:46:51.3
iS 47:10.5
Dilatation
Dist. 170 Km.
Small

eP 10:28:37.7
Distant shock

22 iP 02:39:25.6
iS 33
Compression from ENE
Dist. 55 Km.

eP 03:40:53.8
eS 41:24.3
Dist. 285 Km.

iP 21:52:33.1
iS 35.9
Compression
Local

23 iP 03:58:43.1
Compression
Distant shock

Feb.23 1968
iP 04:03:12.8
iS 30.1
Dilatation
Dist. 150 Km.

eP 04:56:32.2
Distant shock

eP 10:22:44.8
Distant shock

iP 12:29:25.8
Distant shock
Dilatation

eP 16:36:21.6
eS 57.6
Dist. 340 Km.

eP 18:06:53.3
eS 07:18.5
Dist. 230 Km.

24 eP 01:23:46.8
Distant shock

iP 08:36:05.6
iS 26.6
Dilatation
Dist. 190 Km.

iP 15:18:17.3
iS 36.4
Compression
Dist. 170 Km.

iP 16:26:56.2
iS 27:19.9
Compression
Dist. 220 Km.

eP 19:41:44.8
eS 42:09.2
Dist. 225 Km.

iP 22:[illegible]:42.1
iS [illegible]:08.7
Dilatation from NE
Dist. 245 Km.

25 iP 02:47:04.9
iS 27.0
Compression
Dist. 210 Km.
Small

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PROVISIONAL READINGS AT PELDEHUE

Feb.25 1968
eP 04:15:58.8
Distant shock

eP 13:21:23.8
Distant shock

eP 18:59:31.9
Distant shock

iP 20:20:23.6
Dilatation
Distant shock

eP 20:58:53.4
eS 59:01.8
Dist. 65 Km.

eP 23:42:50.8
Distant shock

26 eP 00:20:40.4
Distant shock

Feb.26 1968
eP 01:59:44.3
iS 02:00:01.5
Dist. 150 Km.
Small

eP 05:55:03.7
Distant shock

eP 11:10:20.0
Distant shock

eP 22:59:49.3
Distant shock

27 eP 04:05:49.3
eS 06:03.7
Dist. 125 Km.
Small

eP 05:38:35.3
Distant shock

Feb.27 1968
eP 13:52:36.6
Distant shock

eP 16:07:15.1
eS 43.2
Dist. 260 Km.

iP 17:18:16.2
eS 49.5
Dilatation
Dist. 315 Km.

iP 21:29:15.3
iS 38.0
Compression
Dist. 205 Km.

eP 22:51:12.1
Distant shock

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Feb.19 1968
iP 09:26:59.5
Compression

20 eP 07:43:01.0

iP 21:40:05.1
Compression

21 eP 05:42:57.8
Distant shock

eP 10:28:41.5
Distant shock

Feb.22 1968
iP 02:39:33.5
Compression

23 iP 12:29:30.1
Distant shock
Dilatation

26 iP 01:59:47.4
iS 02:00:06.5
Dist. 170 Km.

Feb.26 1968
eP 22:59:53.2
Distant shock

27 iP 17:18:12.7
Dilatation

iP 21:29:16.3
Compression

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Feb.06 1968
eP 11:21:32
eS 23:34
Dist. 1140 Km.

23 eP 03:58:05
eS 14.5
Dist. 78 Km.

Feb.26 1968
eP 00:19:53
eS 59
Dist. 50 Km.

Feb.27 1968
eP 17:17:50
eS 18:05
Dist. 120 Km.

A. Sickinger
SEISMOLOGIST

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PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Feb.13 1968	eP	07:58:45	Feb.19 1968	eP	23:48:51	Feb.23 1968	e	03:59:01
	e(S)	58		eS	49:13		e	19
	e	08:00:18		Dist. 200 Km.			Local	
18	e	05:18:54	20	e	19:14:49	24	eP	15:11:24
	iS	19:46		e(S)	15:07		iS	35
							Dist. 90 Km.	
	eP	07:14:38		eS	21:28:41		eS	19:50:31
	iS	44.5		Local			iS	20:05:01.5
	Dist. 50 Km.							
				eP	22:11:09			
	iP	09:32:46,5		e(S)	27	26	e(P)	20:29:30
	iS	54					eS	30:13
	Dist. 60 Km.		22	eP	17:34:47			
				e(S)	35:13	27	e(P)	01:48:24
	e(P)	23:51:42					eS	45
	eS	52:07						

R. Schulz
SEISMOLOGIST

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

IMPRESO ORDINARIO

29 JUL 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb.28 1968
eP 12:27:16.0
Distant shock

eP 19:09:(16.5)
i 28.6
eS 52.4

iP 20:42:32.8
iS 53.7
Dist. 190 Km.
Dilatation

eP 22:40:58.3
eS 41:20.7
Dist. 205 Km.

29 eP 12:29:43.5
Distant shock

eP 16:51:07.1
Distant shock

eP 19:58:44.3
Distant shock

Mar.01 1968
iP 03:37:09.2
iS 26.6
Compression
Dist. 155 Km.

iP 06:47:12.2
iS 46.5
Dilatation
Dist. 325 Km.

eP 10:28:29.2
Distant shock

iP 11:21:37.2
Distant shock
Dilatation

eP 13:48:10.6
Distant shock

eP 17:33:55.2
eS 34:28.3
Dist. 310 Km.

iP 21:56:35.0
iS 37.5
Dilatation
Local

02 iP 06:22:54.5
eS 23:17.1
Compression
Dist. 205 Km.

Mar.02 1968
iP 06:44:58.8
iS 45:12.3
Compression
Dist. 115 Km.
Small

iP 19:57:09.4
iS 45.5
Dilatation from NNE
Dist. 320 Km.

iP 20:43:23.7
iS 42
Compression from NE
Dist. 160 Km.

iP 22:00:04.3
iS 14.7
Dilatation
Dist. 85 Km.
Small

eP 22:44:43.5
eS 22.7
Dist. 270 Km.

eP 23:29:25.5
eS 40.5
Dist. 130 Km.

eP 23:56:39.8
Distant shock

03 eP 03:13:57.9
Distant shock

iP 07:59:50.7
iS 08:00:04.4
Compression from SE
Dist. 115 Km.

eP 08:55:56.4
Distant shock

iP 10:16:48.7
iS 17:03.4
Dilatation
Dist. 120 Km.

iP 23:14:29.7
e(PP) 16:17
ePPP 55
eSS 24:00
eR 27:28

04 eP 02:46:11.9
eS 48.0
Dist. 340 Km.

Mar.04 1968
eP 09:46:29.5
eS 38.1
Dist. 55 Km.

eP 22:00:21.1
eS 48.4
i 54.2
Dist. 255 Km.

05 eP 04:37:17.8
eS 46.9
Dist. 270 Km.

eP 05:58:09.8
Distant shock

eP 07:07:06.0
iS 16.4
Dist. 85 Km.

iP 11:50:04.3
iS 18.3
Compression
Dist. 120 Km.

eP 18:36:30.7
e 38.2
e 40:10
e 52:42

e(P) 18:57:57.3

eP 23:58:03.4
eS 20.4
Dist. 150 Km.

06 eP 06:46:13.8
eS 28.6
Dist. 130 Km.

eP 10:08:07.1
eS 26.2
Dist. 170 Km.

eP 12:56:17.5
eS 48.5
Dist. 290 Km.

07 iP 11:24:24.5
iS 36.2
Compression
Dist. 95 Km.

INTERNATIONAL SEISMOLOGICAL
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~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
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Edinburgh 9

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Feb.28 1968
eP 12:27:16.0
Distant shock

eP 19:09:(16.5)
i 28.6
eS 52.4

iP 20:42:32.8
iS 53.7
Dist. 190 Km.
Dilatation

eP 22:40:58.3
eS 41:20.7
Dist. 205 Km.

29 eP 12:29:43.5
Distant shock

eP 16:51:07.1
Distant shock

eP 19:58:44.3
Distant shock

Mar.01 1968
iP 03:37:09.2
iS 26.6
Compression
Dist. 155 Km.

iP 06:47:12.2
iS 46.5
Dilatation
Dist. 325 Km.

eP 10:28:29.2
Distant shock

iP 11:21:37.2
Distant shock
Dilatation

eP 13:48:10.6
Distant shock

eP 17:33:55.2
eS 34:28.3
Dist. 310 Km.

iP 21:56:35.0
iS 37.5
Dilatation
Local

02 iP 06:22:54.5
eS 23:17.1
Compression
Dist. 205 Km.

Mar.02 1968
iP 06:44:58.8
iS 45:12.3
Compression
Dist. 115 Km.
Small

iP 19:57:09.4
iS 45.5
Dilatation from NNE
Dist. 320 Km.

iP 20:43:23.7
iS 42
Compression from NE
Dist. 160 Km.

iP 22:00:04.3
iS 14.7
Dilatation
Dist. 85 Km.
Small

eP 22:44:43.5
eS 22.7
Dist. 270 Km.

eP 23:29:25.5
eS 40.5
Dist. 130 Km.

eP 23:56:39.8
Distant shock

03 eP 03:13:57.9
Distant shock

iP 07:59:50.7
iS 08:00:04.4
Compression from SE
Dist. 115 Km.

eP 08:55:56.4
Distant shock

iP 10:16:48.7
iS 17:03.4
Dilatation
Dist. 120 Km.

iP 23:14:29.7
e(PP) 16:17
ePPP 55
eSS 24:00
eR 27:28

04 eP 02:46:11.9
eS 48.0
Dist. 340 Km.

Mar.04 1968
eP 09:46:29.5
eS 38.1
Dist. 55 Km.

eP 22:00:21.1
eS 48.4
i 54.2
Dist. 255 Km.

05 eP 04:37:17.8
eS 46.9
Dist. 270 Km.

eP 05:58:09.8
Distant shock

eP 07:07:06.0
iS 16.4
Dist. 85 Km.

iP 11:50:04.3
iS 18.3
Compression
Dist. 120 Km.

eP 18:36:30.7
e 38.2
e 40:10
e 52:42

e(P) 18:57:57.3

eP 23:58:03.4
eS 20.4
Dist. 150 Km.

06 eP 06:46:13.8
eS 28.6
Dist. 130 Km.

eP 10:08:07.1
eS 26.2
Dist. 170 Km.

eP 12:56:17.5
eS 48.5
Dist. 290 Km.

07 iP 11:24:24.5
iS 36.2
Compression
Dist. 95 Km.

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PROVISIONAL READINGS AT PELDEHUE

Mar.07 1968
esPKP 13:43:06.0
eScSP 51:56
e(sPP) 52:58
eSS 58:15
esSS 59:56
eSSS 14:02:58
e 08:34
eQ 11:32
eG 52
Dist. 116°.
Depth 300 Km.

08 eP 23:46:(37.7)
eS 47:11.0

09 eP 03:37:48.0
eS 57.2
Dist. 70 Km.

eP 06:40:48.5
iS 41:01.5
Small
Dist. 110 Km.

eP 06:44:57.2
Distant shock

eP 08:24:50.5
iS 25:03.7
Dist. 110 Km.

eP 17:28:(31.1)
e 30:35.0

iP 18:22:20.3
iS 36.2
Dist. 140 Km.

eP 19:43:07.4
eS 23.9
Dist. 145 Km.

10 eP 07:23:50.6
Distant shock

iP 13:34:51.6
eS 35:13.2
Dilatation
Dist. 195 Km.

eP 16:38:11.6
eS 40.2
Dist. 265 Km.

eP 20:31:44.6
eS (43.4)

Mar.10 1968
eP 23:27:53.3
iS 28:18.9
Dist. 235 Km.

11 eP 01:16:09.1
i 10.5
i 27.7
eS 50.7
Probably two shocks superimposed.

eP 04:33:35.2
iS 54.9
Dist. 80 Km.

eP 08:39:32.3
Distant shock

eP 12:12:31.9
eS 47.2
Dist. 130 Km.

eP 14:33:18.7
Distant shock

eP 15:42:02.8
Distant shock

eP 21:00:59.0
eS 01:15.7
Dist. 145 Km.

12 eP 07:16:51.5
iS 17:14.9
Dist. 215 Km.

eP 16:40:05.1
Distant shock

13 eP 08:19:02.3
iS 12.6
Dist. 85 Km.
Small

eP 14:53:42.8
Distant shock

eP 15:15:43.2
eS 55.6
Dist. 105 Km.

eP 17:13:27.0
eS 41.8
Dist 130 Km.

eP 22:58:14.0
Distant shock

Mar.14 1968
iP 02:28:12.1
Dilatation
Distant shock

eP 16:45:32.7
eS 46:45
Dist. 700 Km.

15 iP 03:37:54.8
eS 38:09.8
Dilatation from E
Dist. 130 Km.

15 iP 04:18:35.5
iS 56.2
Compression
Dist. 190 Km.

No records from 15-IV-68 at 11:07 to 17-IV-68 at 15:08

17 eP 15:10:53.7
iS 11:13.7
Dist. 180 Km.

eP 20:34:05.7
Distant shock

18 eP 13:20:45.0
eS 53.3
Dist. 65 Km.

iP 20:39:32.6
iS 43.5
Compression
Dist. 90 Km.

eP 21:05:33.5
iS 06:05.0
Dist. 285 Km.

19 eP 01:48:50.0
Distant shock

eP 02:27:55.2
Distant shock

iP 02:57:23.8
eP 53.7
Compression
Dist. 280 Km.

eP 03:03:07.7
Distant shock

eP 12:22:29.8
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Mar.19 1968
iP 12:56:07.8
iS 24.1
Dist. 140 Km.

eP 15:32:27.0
eS 39.4
Dist. 105 Km.
Small

20
eP 01:48:41.5
eS 59.5
Dist. 160 Km.

iP 04:04:25.5
iS 35.1
Compression
Dist. 75 Km.

eP 06:23:37.8
Distant shock

iP 12:07:20.4
iS 36.8
Dilatation
Dist. 145 Km.

21
iP 08:10:11.3
iS 33.5
Compression
Dist. 200 Km.

eP 10:37:43.9
eS 38:03.2
Dist. 175 Km.
Small

eP 16:37:45.0
eS 38:06.5
Dist. 195 KM.
Small

22
eP 01:58:41.1
Distant shock

eP 04:18:28.6
Distant shock

eP 09:54:16.0
Distant shock

eP 15:19:46.7
Distant shock

eP 18:42:16.6
Distant shock

Mar.22 1968
iP 21:46:16.1
iS 29.8
Dilatation
Dist. 120 Km.
Small

eP 23:04:55.7
Distant shock

23
eP 13:39:21.9
eS 57.8
Dist. 340 Km.

iP 20:52:43.4
eS 53:03.7
Compression
Dist. 185 Km.

eP 21:36:35.8
eS 57.9
Dist. 200 Km.

eP 21:43:15.3
eS 37.5
Dist. 200 Km.

eP 22:13:09.7
e(S) 37.6

iP 22:17:41.4
eS 05.6
Compression
Dist. 220 Km.

iP 23:00:22.8
i 25.7
eS 01:01.2
Compression..
Dist. 365 Km.

24
eP 07:22:10.0
eS 29:48
eR 38:08
Dist. 55°
H 33 Km.

eP 09:57:09.1
Distant shock

eP 10:16:03.7
eS 25.7
Dist. 200 Km.

eP 10:30:26.5
eS 50.0
Dist. 215 Km.

Mar.24 1968
iP 10:50:42.1
eS 58.1
Compression
Dist. 140 Km.

eP 22:09:58.8
eS 10:12.3
Dist. 115 Km.

25
eP 07:03:42.8
eS 04:12.4
Dist. 275 Km.

eP 12:02:12.5
eS 42,3
Dist. 280 Km.

eP 19:58:12.5
eS 48
Dist. 235 Km.

26
eP 01:00:19.3
Distant shock

eP 20:00:21
iP 26,5
i 49.3

27
eP 01:48:11.5
eS 24
Dist. 105 Km.

eP 02:30:05
eS 59.5
Dist. 545 Km.

eP 15:07:26
eS 54
Dist. 260 Km.

28
eP 04:04:24.8
eS 49,8
Dist. 230 Km.

eP 06:32:02.5
eS 18
Dist. 135 Km.

iP 13:38:27.7
eS 54.5
Compression from SE
Dist. 250 Km.

eP 14:27:07.8
eS 31.7
Dist. 220 Km.

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PROVISIONAL READINGS AT PELDEHUE

Mar.28 1968
eP 15:31:56
eS 32:36
Dist. 380 Km.

eP 19:11:16.5
eS 18.7
Local

eP 21:55:33
eS 56:16.6
Dist. 215 Km.

29 eP 03:10:04.7
eS 10:14
Dist. 75 Km.

eP 05:57:12.0
eS 28
Dist. 140 Km.

eP 15:42:07.5
eS 27.5
Dist. 180 Km.

eP 23:16:00.3
e(S) 17:36.5

30 eP 04:38:27.5
eS 39.5
Dist. 100 Km.

eP 06:03:34.2
eS 46
Dist. 100 Km.

eP 06:45:32.3
eS 52.2
Dist. 180 Km.

eP 16:05:58.5
eS 06:08.8
Compression from SE
Dist. 85 Km.

31 eP 01:40:40
eS 41:08
Dist. 260 Km.
Small

Apr.01 ePKP 01:01:56.7
epPKP 02:57.5
e 04:50
ePP 06:11
ePPP 09:36
eSKKS 13:52
eSKSP 16:32
eSS 26:52
eSSS 32:06
Dist. 157°

Apr.01 1968
eP 19:39:32
eS 43.4
Dist. 95 Km.

02 iP 06:03:05
eS 27.5
Dilatation from N
Dist. 205 Km.

eP 11:15:41.3
eS 16:04
Dist. 205 Km.

eP 17:07:36,5
eS 52.3
Dist. 140 Km.

iP 18:20:03.4
eS 15.6
Compression
Dist. 100 Km.

03 eP 07:34:52.8
eS 35:08,4
Dist. 135 Km.

eP 09:43:08
eS 44:04
Dist. 540 Km.

eP 10:40:39.6
eS 41:11
Dilatation from NE
Dist. 295 Km.

eP 13:41:19.8
eS 34.5
Dist. 125 Km.

eP 14:10:10
eS 37.5
Dist. 255 Km.

eP 23:59:20
eS 43
Dist. 210 Km.

04 eP 03:50:32.5
eS 51.8
Dist. 175 Km.

eP 10:25:48.5
eS 26:00.2
Dist. 95 Km.

eP 22:09:25.5
e(S) 11:40.5

Apr.04 1968
eP 22:32:(08.5)
eS 33:31.5
Dist. 820 Km.

05 iP 00:41:00.3
iS 10.3
Compression from NW
Dist. 80 Km.

eP 05:02:49.5
eS 03:06
Dist. 145 Km.

Claudio Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Mar.01 1968 iP 03:37:13.2
eS 33.1
Dilatation
Dist. 180 Km.

02 iP 19:57:14.9
iS 49.7
Dilatation
Dist. 330 Km.

iP 20:43:29.8
iS 51.3
Dilatation
Dist. 195 Km.

03 iP 07:59:49.0
Compression

eP 23:14:28.8
Distant shock

05 eP 04:37:15.1
e(S) 40

eP 14:21:40.6
iS 56.4
Dist. 140 Km.

06 eP 10:08:07.3
eS 28.5
Dist. 190 Km.

11 iP 01:16:14.7
Compression

eP 08:39:31.8
Distant shock

14 eP 16:45:(34)

15 iP 03:37:55.1
eS 38:(04.3)
Compression

Mar.15 1968 eP 04:18:38.8

17 iP 06:31:32.7
iS 42.2
Dilatation
Dist. 75 Km.

iP 11:07:07.4
Dilatation

eP 15:10:58.0
eS 20.2
Dist. 200 Km.

eP 20:34:05.1
Distant shock

20 iP 04:04:24.3
iS 33.4
Compression
Dist. 70 Km.

21 iP 08:10:11.5
iS 32.5
Compression
Dist. 200 Km.

22 e 01:58:52.5
Distant shock

23 iP 20:52:48.1
Compression

e 23:00:28.5
i 30.8

24 eP 07:22:10.5

eP 09:57:05.5
Distant shock

eP 10:16:08.1

Mar.24 1968 eP 10:30:32.0

25 eP 07:03:45.1

28 eP 06:32:05.8
eS 24
Dist. 160 Km.

iP 13:38:24.4
Compression

eP 14:27:03.5
eS 24
Dist. 185 Km.

eP 15:32:01.6

eP 21:55:38

29 eP 03:10:03.2
eS 12.1
Dist. 70 Km.

30 eP 06:03:29.3

eP 06:45:37

eP 16:05:58.5
eS 06:08.6
Dist. 85 Km.

Apr.02 eP 06:03:07.5

eP 17:07:32.3
eS 46.5
Dist. 120 Km.

eP 18:20:02

03 eP 10:40:42.8

C. Gallardo
SEISMOLOGIST

UNIVERSIDAD DE CHILE
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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Mar.05 1968 eP 23:00:05
eS 07
Local

12 eP 04:55:39
eS 43.5
Dist. 35 Km.

Mar.24 1968 eP 09:56:24
eS 31
Dist. 55 Km.

29 eP 10:45:11
eS 18
Dist. 55 Km.

A. Sickinger
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Mar.20 1968 iP 03:24:23.4
iS 26.6
Dist. 25 Km.

21 eiP 12:32:02.5
eS 08
iS 09
Dist. 50 Km.
Felt III at Valdivia

24 eP 04:24:56
iS 25:01.4
Dist. 40 Km.

iS 04:25:50
Superimposed to
precedent shock

25 iP 12:13:56.5
iS 14:13

eP 12:31:06
iS 16.8
Dist. 90 Km.

26 iP 22:58:22.6
eS 38.0
Dist. 120 Km.

27 iP 11:04:25
iS 37.7
Dist. 100 Km.

Mar.28 1968 eP 13:39:13
iS 40:15.5
Dist. 530 Km.

eP 14:28:46
iS 06.4
Dist. 180 Km.

29 e(P) 07:55:09
iS 28
Dist. about 170 Km.

31 eiP 14:59:55
eS 15:00:04

Apr.01 1968 ePKP 01:02:51
eSKKS 13:07
eSS 26:21
e 28:18
e 29:39
e(SSS) 30:17
Dist. 153°

eP 10:56:05
iS 15.5
Dist. 80 Km.

02 e(P) 13:00:16
iS 29

Apr.03 1968 eP 09:42:34
eS 43:05
Dist. 260 Km.

08 iP 00:12:22
iS 26.6
Dist. 35 Km.
Felt IV-V at Valdivia
Superficial focus

09 eP 01:34:21
eS 40
Dist. 180 Km.

eP 02:41:25
eSKS 51:52
eSKKS 53:07
eSS 03:04:00
eSSS 08:50
L 12:--
Dist. 130°

10 iP 16:20:40.8
iS 52.2
Dist. 90 Km.

eP 16:42:21
eS 51
Dist. 260 Km.

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar.01 1968 eP 07:11:50.1
e 12:03.9
e(S) 06.5

eP 08:27:08
e 39
e 58

Mar.01 1968 eP 11:03:37.8
iS 49.6
Dist. 100 Km.

eP 13:26:49.9
eS 27:11
Dist. 180 Km.

Mar.01 1968 eP 16:01:08.6
e 13.6
e 19.3

eP 19:18:30.0
iS 37.2
Dist. 60 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.02 1968
iP 00:37:07.5
eS 47.3
Dist. 360 Km.

iP 02:17:14.4
iS 18.9
Dist. 40 Km.
Dilatation from SW

eP 02:21:31
eS 50.1
Dist. 160 Km.

eP 03:31:44.0
eS 32:06.4
Dist. 190 Km.

eP 04:51:18.0
eS 33.2
Dist. 120 Km.

eP 05:34:48.1
eS 35:10
Dist. 190 Km.

iP 08:11:38.0
iS 43.4
Dist. 50 Km.
Dilatation from NW

eP 09:04:21.3
eS 57.3
Dist. 320 Km.

eP 19:58:(06)
iS 59:11.9
Dist. about 510 Km.

eP 20:45:(04.3)
iS 47:(06.7)
Dist. 1100 Km.

03 iP 03:48:09.0
Compression

iP 04:45:48.0
iS 46:14.3
Dist. 230 Km.
Dilatation

iP 08:55:05.3
iS 30.7
Compression from S
Dist. 220 Km.

iP 11:28:33.3
iS 29:05.1
Dist. 290 Km.
Compression

Mar.03 1968
eP 11:50:(06.8)
iS 32.0
Dist. about 220 Km.

e(PKP) 16:21:15.5

eP 23:14:49
i 15:07.8
Distant shock

04 iP 05:06:49.1
iS 07:05.4
Dist. 130 Km.

eP 07:40:03.8
Local

eP 08:38:28.5
i 34.7
i 38.5
i 39:16.1
i 20.8
i 39.0

eP 13:58:46.6
eS 59:07.2
i 10.2
Dist. 180 Km.

iP 19:15:38.4
iS 16:08.0
Dist. 270 Km.
Compression from SE

05 eP 05:57:27.5
Local

iP 11:48:48.8
iS 49:30.1
Dist. 380 Km.
Compression from NE

06 eP 01:01:08.2
Local

eP 02:35:05.0
Local

eP 05:34:45.5
eS 35:11.7
i 13.8
Dist. 230 Km.

iP 17:46:58.8
iS 47:37.9
Dist. 350 Km.
Compression

iP 18:35:28.2
iS 36:08.4
Dist. 360 Km.
Compression

Mar.07 1968
iP 03:12:32.2
iS 53.6
Dist. 180 Km.
Dilatation from N

eP 10:42:07.4
eS 43:00.7
Dist. 500 Km.

iP 13:58:48.5
iS 59:03.2
Dist. 120 Km.
Compression from SE

eP 21:07:13.3
i 14.0
iS 28.8
Dist. 130 Km.

08 eP 08:01:(48.6)
iS 02:51.2
Dist. about 600 Km.

eP 10:25:(11.4)
iS 31.7
Dist. about 170 Km.

eP 19:37:(42.3)
iS 38:01.9
Dist. about 170 Km.

eP 22:48:(36.6)
iS 55.2
Dist. about 160 Km.

09 iP 04:09:50.6
iS 57.6
Dist. 60 Km.
Dilatation from NNW

eP 05:56:(39,5)
eS 57:02.1
Dist. about 200 Km.

iP 17:27:08.9
i(S) 45.5

iP 20:44:23.5
iS 32.2
Dist. 80 Km.

10 eP 03:09:13.5
iS 44.2
Dist. 280 Km.

eP 05:15:(51.8)
Local

iP 08:06:47.5
iS 07:23.5
Dist. 320 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.10 1968
iP 08:49:50.5
iS 50:17.0
Dist. 240 Km.

eP 20:31:51.5
eS 32:51.5
Dist. 580 Km.

eP 22:15:58.6
eS 16:33.4
Dist. 310 Km.

11 eS 01:18:07.6

iP 03:01:35.6
iS 56.2
Dist. 180 Km.

eP 04:42:50.0
eS 43:09.5
Dist. 170 Km.

eP 07:41:20
eS 42:07.2
Dist. about 450 Km.

eP 08:39:54
i 40:18
eSKS 50:18
eS 51:04
eSS 57:24
eG 09:05:20
eR 10:12
Dist. about 94°

iP 15:01:58.2
iS 02:34.0
Dist. 320 Km.
Compression from SE

eP 15:41:43.2
e(S) 42:24.8

eP 16:17:(51.5)
eS 18:15.5
Dist. about 210 Km.

eP 19:07:24.9
i 27.1
iS 47.0
Dist. 190 Km.
Dilatation from S

eP 17:08:14.3
eS 09:20.8
Dist. 650 Km.

eP 23:41:(35.8)
eS 54.4
Dist. about 160 Km.

Mar.12 1968
eP 04:04:45.8
eS 05:06.7
Dist. 180 Km.

eP 06:00:21.8
eS 57.8
Dist. 320 Km.

eP 09:58:(00.8)
eS 21.5
Dist. about 180 Km.

eP 11:16:04

eP 21:47:25.8
eS 48:02.4
Dist. 330 Km.

eP 23:49:25.7
eS 43.7
i 45.0
Dist.150 Km.
Compression from NE

13 eP 06:34:30
eS 59.2
Dist. about 260 Km.

eP 08:10:13.2
eS 41.5
Dist. 250 Km.

eP 08:40:00
e(S) 34.7

eP 13:38:37.5
iS 57.9
Dist. 170 Km.

eP 14:51:29.0
i 33.8
iS 52:12

eP 17:55:17.7
eS 22.2
Dist. 40 Km.

eP 18:53:51
eS 54:21.0
Dist. 270 Km.

eP 20:01:06.6
eS 28.4
Dist. 190 Km.

eP 23:46:30.9
e(S) 56.3

Mar.13 1968
eP 23:50:11
eS 37.2
Dist. 230 Km.

14 eP 09:40:24.9
eS 31.0
Dist. 50 Km.

eP 11:22:28
eS 54.9
Dist. 240 Km.

eP 14:01:52
eS 02:31.1
Dist. about 350 Km.

eP 15:25:45.1
eS 26:20.8
Dist. 320 Km.

iP 15:32:17.5
eS 54.0
Dist. 330 Km.
Compression from SE

eP 16:45:09.0
i(S) 46:08.8

eP 21:48:50
eS 49:37.1
Dist. about 450 Km.

iP 22:30:58.6
iS 31:16.1
Dist. 150 Km.
Compression from E

iP 23:45:53.3
eS 46:30.3
Dist. 330 Km.
Compression

15 eP 01:03:28.5
eS 04:03.4
Dist. 310 Km.

iP 03:54:45.7
iS 51.1
Dist. 50 Km.
Compression from N

iP 04:18:32.8
e(S) 19:35.2

iP 12:25:43.4
iS 26:12
Dist. about 260 Km.
Compression from S

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.15 1968
eP 16:54:26.7
eS 48.0
Dist. 180 Km.

eP 18:36:49.3
eS 37:25.0
Dist. 320 Km.

eP 22:16:28.6
eS 47.2
Dist. 160 Km.

16 eP 04:15:(02.5)
e(S) 16:35.0

eP 05:51:15.8
e(S) 52:21.8

iP 10:53:50.4
eS 54:26.3
Compression from SW
Dist. 320 Km.

eP 10:58:29.8
eS 59:06.8
Dist. 330 Km.

eP 20:14:28.6
eS 43.6
Dist. 120 Km.

17 eP 00:24:37.6
eS 51.2
Dist. 110 Km.

eP 02:15:56.7
eS 16:33.4
Dist. 330 Km.

Mar.17 1968
eP 02:18:09
e(S) 33.0

eP 05:24:04.9
e(S) 38.5

eP 08:07:26.0
i 26.4
eS 44.6
Dist. 160 Km.

eP 09:57:18.0
iS 45.7
Dist. 250 Km.

eP 10:39:34.2
eS 40:10.8
Dist. 330 Km.

eP 10:53:(47.6)
eS 54:14.3
Dist. 240 Km.

eP 13:19:42.3
iS 59.0
Dist. 140 Km.

eP 15:15:58.5
eS 16:03.3
Dist. 40 Km.
Dilatation

eP 17:49:59.0
eS 50:39.3
Dist. 360 Km.

iP 20:20:41.8
eS 21:00.0
Dist. 150 Km.
Compression

Mar.17 1968
eP 20:34:25.7
PZ 0.07 u T 1.0 sec

iP 23:50:18.7
iS 23.7
Dist. 50 Km.
Dilatation from SSW

18 eP 09:28:53.2
eS 29:17.5
Dist. 210 Km.

eP 11:09:34.0
eS 54.3
Dist. 170 Km.

iP 12:06:06.5
iS 49.6
Dist. 400 Km.
Compression from SW

eP 14:11:01
eS 26.4
Dist. about 220 Km.

eP 23:32:54.9
eS 33:30.3
Dist. 330 Km.

19 eP 01:43:14.4
eS 30.0
Dist. 130 Km.

Y. Franulic
SEISMOLOGIST

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh 9

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr.06 1968
eP 22:01:10.5
07 iP 02:42:47.2
iS 43:(01.0)
Dilatation
Dist. about 120 Km.

eP 03:58:37.5
eS 58:51.5
Dist. 120 Km.

eP 04:51:17.5
eS 29.6
Dist. 100 Km.

eP 07:30:35.2
e 47.2
eS 31:06.9
Dist. 300 Km.

08 eP 00:14:50.2
eS 16:08.5
e 17.8
Dist. 770 Km.

eP 03:13:14.8
eS 44.6
Dist. 275 Km.

eP 04:14:24.4
eS 49.6
Dist. 230 Km.

eP 10:12:13.7
e 24.6
eS 51.4
Dist. 355 Km.

eP 11:03:47.7
eS 04:06.7
Dist. 170 Km.

eP 17:11:40.1
eS 51.9
Dist. 100 Km.

09 eP 01:35:14.4
e 26.4
eS 36:15.9
Dist. 590 Km.

eP 02:41:02.9
eS 51:04
ePPS 52:22
eSS 56:22
eG 03:02:18
e(R) 05:03
Dist. 81.5°

Apr.09 1968
iP 03:29:40.6
iS 30:00.3
Dilatation
Dist. 175 Km.

eP 04:31:42.2
eS 32:00.2
Dist. 160 Km.

eP 04:35:38.9
e 50.4
eS 36:16.5
Dist. 355 Km.

eP 06:24:16.7
e 34.0
eS 41.3
Dist. 225 Km.

eP 15:09:49.5
eS 10:07.5
Dist. 160 Km.

eP 17:21:25.6
eS 22:00.0
Dist. 325 Km.

eP 17:54:48.9
eS 55:06.5
Dist. 155 Km.

eP 19:22:32.8
eS 51.2
Dist. 165 Km.

eP 21:37:24.7
eS 48.4
Dist. 215 Km.

10 eP 04:18:07.6
eS 19:45.6
Dist. 970 Km.

eP 14:28:43.0
eS 51.9
Dist. 70 Km.

eP 16:43:52.9
e 54.9
e(S) 45:36.4
Dist. 9°

eP 17:38:00.5
e 31.2
eS 48.9
e 39:05.6
Dist. 465 Km.

Apr.10 1968
eP 19:28:43.6
eS 54.5
Dist. 90 Km.

11 iP 01:53:43.0
Compression

eP 17:16:25.5
eS 18:39.5
Dist. 12°

iP 18:35:25.7
eS 38.5
Dist. 110 Km.

12 eP 03:19:55.7
eS 20:26.3
Dist. 285 Km.

eP 11:57:41.4
eS 58:07.5
Dist. 240 Km.

eP 15:13:53
eS 14:14
Dist. 190 Km.

eP 15:17:59
eS 18:18.5
Dist. 175 Km.

eP 18:54:14.7
eS 33.5
Dist. 170 Km.

eP 20:31:09.
eS 29.3
Dist. 185 Km.

eP 20:33:31.3
eS 52.4
Dist. 190 Km.

iP 22:04:23.4
Compression
Doubtful interpretation

eP 22:19:34
Superimposed to
precedent shock

13 eP 20:33:37.5

eP 21:21:46.3
eS 22:08.9
Dist. 205 Km.

eP 22:23:00.7
eS 38.9
Dist. 360 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.19 1968
eP 20:38:03.2
eS 24.5
Dist. 180 Km.

eP 20:45:(00.1)
eS 28.4
Dist. about 250 Km.

20 eP 02:54:(26.3)
eS 55:02.0
Dist. about 320 Km.

eP 06:21:18.9
i 19.4
i(S) 54

eP 14:58:(29.6)
eS 49.6
Dist. 170 Km.

eP 16:57:32.5
eS 58:10.8
Dist. 350 Km.

eP 19:54:44.2
eS 55:33.5
Dist. 460 Km.

eP 22:37:22.1
eS 48.7
Dist. 240 Km.

Mar.21 1968
eP 01:32:15.4
iS 52.7
Dist. 330 Km.

eP 07:27:40.0
e(S) 28:02.7

eP 10:50:04
e(S) 45.3

iP 12:10:10.6
iS 24.4
Dist. 110 Km.
Compression from NW

eP 16:41:26.1
e(S) 44.2

eP 18:35:08.1
e(S) 40.0

22 eP 01:56:32.7
i 33.2
i(S) 58

eP 03:09:04.7
eS 11.3
Dist. 60 Km.

Mar.22 1968
iP 04:14:27.2
eS 15:12.5
Dist. 420 Km.
Compression from NE

iP 04:16:23.6
iS 46
Dist. about 200 Km.
Compression from NE

eP 05:11:10.5
eS 54.3
Dist. 410 Km.

eP 08:36:14.5
eS 52.0
Dist. 340 Km.

eP 09:34:45.4
PZ 0.8 u T 0.9 sec.

eP 12:16:01.8
eS 16.9
Dist. 120 Km.

ePKP 15:11:41.9

iP 18:40:16.0
iS 54.8
Dist. 350 Km.
Compression from SSW

Y. Franulic
SEISMOLOGIST

HAVE YOU TAKEN OUT YOUR LICENCE FOR RADIO-T

RICHMOND & TWICKENHAM A
7 15PM 30 OCT 1968

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~ 6 South Oswald Road
Edinburgh 9.

IMPRESO ORDINARIO

31 OCT 1968

UNIVERSIDAD DE CHILE
Departamento de Geofísica 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

Apr.06 1968
eP 22:01:10.5
07 iP 02:42:47.2
iS 43:(01.0)
Dilatation
Dist. about 120 Km.

eP 03:58:37.5
eS 58:51.5
Dist. 120 Km.

eP 04:51:17.5
eS 29.6
Dist. 100 Km.

eP 07:30:35.2
e 47.2
eS 31:06.9
Dist. 300 Km.

08 eP 00:14:50.2
eS 16:08.5
e 17.8
Dist. 770 Km.

eP 03:13:14.8
eS 44.6
Dist. 275 Km.

eP 04:14:24.4
eS 49.6
Dist. 230 Km.

eP 10:12:13.7
e 24.6
eS 51.4
Dist. 355 Km.

eP 11:03:47.7
eS 04:06.7
Dist. 170 Km.

eP 17:11:40.1
eS 51.9
Dist. 100 Km.

09 eP 01:35:14.4
e 26.4
eS 36:15.9
Dist. 590 Km.

eP 02:41:02.9
eS 51:04
ePPS 52:22
eSS 56:22
eG 03:02:18
e(R) 05:03
Dist. 81.5°

Apr.09 1968
iP 03:29:40.6
iS 30:00.3
Dilatation
Dist. 175 Km.

eP 04:31:42.2
eS 32:00.2
Dist. 160 Km.

eP 04:35:38.9
e 50.4
eS 36:16.5
Dist. 355 Km.

eP 06:24:16.7
e 34.0
eS 41.3
Dist. 225 Km.

eP 15:09:49.5
eS 10:07.5
Dist. 160 Km.

eP 17:21:25.6
eS 22:00.0
Dist. 325 Km.

eP 17:54:48.9
eS 55:06.5
Dist. 155 Km.

eP 19:22:32.8
eS 51.2
Dist. 165 Km.

eP 21:37:24.7
eS 48.4
Dist. 215 Km.

10 eP 04:18:07.6
eS 19:45.6
Dist. 970 Km.

eP 14:28:43.0
eS 51.9
Dist. 70 Km.

eP 16:43:52.9
e 54.9
e(S) 45:36.4
Dist. 9°

eP 17:38:00.5
e 31.2
eS 48.9
e 39:05.6
Dist. 465 Km.

Apr.10 1968
eP 19:28:43.6
eS 54.5
Dist. 90 Km.

11 iP 01:53:43.0
Compression

eP 17:16:25.5
eS 18:39.5
Dist. 12°

iP 18:35:25.7
eS 38.5
Dist. 110 Km.

12 eP 03:19:55.7
eS 20:26.3
Dist. 285 Km.

eP 11:57:41.4
eS 58:07.5
Dist. 240 Km.

eP 15:13:53
eS 14:14
Dist. 190 Km.

eP 15:17:59
eS 18:18.5
Dist. 175 Km.

eP 18:54:14.7
eS 33.5
Dist. 170 Km.

eP 20:31:09.
eS 29.3
Dist. 185 Km.

eP 20:33:31.3
eS 52.4
Dist. 190 Km.

iP 22:04:23.4
Compression
Doubtful interpretation

eP 22:19:34
Superimposed to
precedent shock

13 eP 20:33:37.5

eP 21:21:46.3
eS 22:08.9
Dist. 205 Km.

eP 22:23:00.7
eS 38.9
Dist. 360 Km.

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Santiago, Chile

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PROVISIONAL READINGS AT PELDEHUE

Apr.14 1968
eP 02:42:50.0
eS 43:28.1
Dist. 360 Km.

eP 06:09:16.4
eS 26.5
Dist. 80 Km.

eP 08:57:07.4

eP 10:08:55.1
eS 09:07.4
Dist. 105 Km.

eP 13:01:52.3
eS 02:11.6
Dist. 175 Km.

15 eP 02:32:15.7
eS 27.2
Dist. 95 Km.

eP 13:07:56.7
Distant shock

eP 14:19:53.9
eS 20:04.1
Dist. 80 Km.

eP 15:44:59.2
eS 45:24.0
Dist. 230 Km.

eP 22:41:03.4
eS 14.5
Dist. 90 Km.

16 eP 02:02:40.6
e 03:28.9
eS 03:40.8
Dist. 580 Km.

eP 08:41:02.5
eS 12.6
Dist. 80 Km.

eP 16:56:46.6
eS 57:03.2
Dist. 145 Km.

eP 18:12:35.0
eS 13:01.9
Dist. 250 Km.

17 eP 03:48:45.1
eS 49:02.7
Dist. 155 Km.

Apr.17 1968
eP 03:55:03.4
eS 11.7
Dist. 65 Km.

eP 03:57:28.6
eS 41.5
Dist. 110 Km.

eP 06:24:38.4

eP 07:17:59.7
eS 18:17.8
e 31.6
Dist. 160 Km.

e(P) 11:56:48.5

eP 12:15:58.0
e 16:25.5
eS 27.0
Dist. 270 Km.

eP 15:10:57.9
eS 11:41.2
Dist. 415 Km.

eP 17:53:38.4
eS 54:27.5
e 38.5
Dist. 470 Km.

eP 20:39:35.6
eS 55.4
Dist. 180 Km.

18 eP 10:36:36.0
eS 37:59.6
Dist. 800 Km.

eP 10:38:47.8
eS 39:17.2
Dist. 275 Km.

19 eP 00:10:31.9
eS 53.5
Dist. 195 Km.

eP 05:06:47.2
eS 07:34.2
Dist. 450 Km.

eP 08:16:23.7
eS 22:52
eR 28:32
Dist. 45.5°

Apr.19 1968
eP 09:12:28.4
eS 19:00
eR 25:08
Dist. 45.5°

eP 13:07:(25.5)
eS 08:24.3
Dist. about 570 Km.

eP 14:09:18.6
eS 36.1
e 42.5
Dist. 155 Km.

eP 16:41:29.6
eS 42.6
Dist. 110 Km.

eP 19:29:30.5
eS 47.4
Dist. 150 Km.

eP 21:18:(36.4)
eS 57.5
Dist. about 190 Km.

20 eP 00:27:18.2

eP 07:18:00.4
Distant shock

eP 09:27:57.8

ePKP 12:38:15.3
e 36.0
eSKKS 49:14
eSS 13:02:12
eSSS 07:06
Dist. about 157.5°

iP 20:01:00.3
eS 12.2
Dilatation
Dist. 100 Km.

eP 22:39:36.2
eS 40:06.4
Dist. 280 Km.

21 eP 08:53:56.8
Distant shock

eP 09:26:53.0
e 27:21.4
eS 29:54.4
Dist. 16.3°

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PROVISIONAL READINGS AT PELDEHUE

Apr.21 1968 eP 11:56:26.9
eS 57:17.2
Dist. 485 Km.

eP 21:52:33.4
eS 57.4
Dist. 220 Km.

Apr.21 1968 e(P) 22:31:02.0
Distant shock

Apr.22 1968 eP 00:41:54.5
eS 42:09.5
Dist. 130 Km.

J. Salas
SEISMOLOGIST

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Apr.04 1968 eP 03:50:35.6

05 eP 00:41:01.8
eS 14
Dist. 100 Km.

07 eP 02:42:49.8

eP 04:51:13.6
eS 24
Dist. 85 Km.

09 eP 03:29:43.9
eS 30:06.3
Dist. 205 Km.

Apr.09 1968 eP 04:35:42.8

eP 06:24:17.5
eS 42.5
Dist. 230 Km.

10 eP 04:18:08.5

11 eP 17:16:30.1

12 eP 18:54:13.5

eP 20:31:08.8
eS 29
Dist. 180 Km.

eP 22:04:24

Apr.12 1968 eP 22:19:33.7

15 eP 22:41:01.3

21 eP 21:52:31.3
eS 54.2
Dist. 210 Km.

H. Becker
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Apr.11 1968 eiP 17:17:44.5
eS 21:14
Dist. 2250 Km.

12 eP 19:56:16
iS 22.4
Dist. 50 Km.

13 iP 22:13:17.5
iS 24.7
Dist. 50 Km.

14 eP 05:14:56
iS 15:02.5
Dist. 50 Km.

Apr.18 1968 iP 10:35:12
iS 26.5
Dist. 110 Km.

19 eiP 14:41:18.5
e(S) 31

20 eP 07:16:28
Distant shock

e(P) 09:27:45
eS 57

eP 23:10:37
e(S) 55

Apr.22 1968 eP 00:11:14

24 iPg 10:23:08.8
iSg 19.5
iSn 23.5
Dist. 90 Km.
Felt III at Valdivia X

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar.19 1968 eP 01:44:(29.1)
e 02:00:--
e 06:56
e 19:00

Mar.19 1968 eP 11:07:06.2
eS 26.0

Mar.19 1968 eP 12:22:13.8
e(S) 57.3

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PROVISIONAL READINGS AT ANTOFAGASTA

Mar.19 1968
eP 20:38:03.2
eS 24.5
Dist. 180 Km.

eP 20:45:(00.1)
eS 28.4
Dist. about 250 Km.

20 eP 02:54:(26.3)
eS 55:02.0
Dist. about 320 Km.

eP 06:21:18.9
i 19.4
i(S) 54

eP 14:58:(29.6)
eS 49.6
Dist. 170 Km.

eP 16:57:32.5
eS 58:10.8
Dist. 350 Km.

eP 19:54:44.2
eS 55:33.5
Dist. 460 Km.

eP 22:37:22.1
eS 48.7
Dist. 240 Km.

Mar.21 1968
eP 01:32:15.4
iS 52.7
Dist. 330 Km.

eP 07:27:40.0
e(S) 28:02.7

eP 10:50:04
e(S) 45.3

iP 12:10:10.6
iS 24.4
Dist. 110 Km.
Compression from NW

eP 16:41:26.1
e(S) 44.2

eP 18:35:08.1
e(S) 40.0

22 eP 01:56:32.7
i 33.2
i(S) 58

eP 03:09:04.7
eS 11.3
Dist. 60 Km.

Mar.22 1968
iP 04:14:27.2
eS 15:12.5
Dist. 420 Km.
Compression from NE

iP 04:16:23.6
iS 46
Dist. about 200 Km.
Compression from NE

eP 05:11:10.5
eS 54.3
Dist. 410 Km.

eP 08:36:14.5
eS 52.0
Dist. 340 Km.

eP 09:34:45.4
PZ 0.8 u T 0.9 sec.

eP 12:16:01.8
eS 16.9
Dist. 120 Km.

ePKP 15:11:41.9

iP 18:40:16.0
iS 54.8
Dist. 350 Km.
Compression from SSW

Y. Franulic
SEISMOLOGIST

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RICHMOND & TWICKENHAM A
7 15PM 30 OCT 1968

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~ 6 South Oswald Road
Edinburgh 9.

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25 OCT 1968

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PROVISIONAL READINGS AT PELDEHUE

DUE TO AN ERROR THE FOLLOWING SHOCKS WERE NOT INCLUDED IN BULLETIN N° 06 - 68.

Mar.15 1968
eP 12:27:00.8
eS 28:42.5
Dist. 1000 Km.

eP 13:16:30.0
eS 48.9
Dist. 170 Km.

eP 16:46:10.6
eS 31.7
Dist. 190 Km.

eP 19:56:31.5
e 50.0

Mar.15 1968
eP 21:48:51.5
eS 49:07.6
e 10.0
Dist. 140 Km.

iP 22:18:16.0
eS 17.7
Local

16 eP 05:29:00.7
e 30:13.8

eP 05:51:22.9
eS 52:30.8
Dist. 660 Km.

Mar.16 1968
eP 14:03:53.5
eS 04:07.6
Dist. 120 Km.

eP 14:13:16.0
eS 30.5
Dist. 125 Km.

17 eP 04:25:29.0
eS 50.6
Dist. 195 Km.

iP 06:31:35.6
eS 45.4
Dilatation from S
Dist. 80 Km.

eP 09:59:16.8
Distant shock
iP 11:07:08.8
iS 20.6
Dilatation from SW
Dist. 100 Km.

J. Salas
SEISMOLOGIST

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr. 23 1968
eP 02:49:33.7
eS 46.3
Dist. 105 Km.

eP 06:14:11.9
Distant shock

eP 11:23:05.4
eS 28.7
Dist. 215 Km.

eP 12:19:30.6
eS 49.0
Dist. 165 Km.

eP 17:43:45.6
eS 58.3
Dist. 105 Km.

eP 19:38:37.4
eS 39:04.0
Dist. 245 Km.

eP 20:26:00.9
eS 17.7
Dist. 150 Km.

24 eP 03:28:14.3
eS 24
Dist. 175 Km.

eP 10:24:09.4
eS 25:14.8
Dist. 635 Km.

eP 12:56:17.5
eS 27.7
Dist. 80 Km.

eP 14:01:04.8
eS 02:08.6
Dist. 620 Km.

eP 16:44:18.7
eS 39.6
Dist. 190 Km.

eP 19:13:06.3
iS 14.8
Dist. 65 Km.

e(P) 20:18:16.5
eS 31.2

eP 21:19:46.1
eS 55.5
Dist. 75 Km.

Apr. 24 1968
eP 22:16:52.5
eS 17:09.5
Dist. 150 Km.

25 eP 10:03:39.7
eS 56.0
Dist. 145 Km.

eP 12:14:07.1
eS 33.3
Dist. 240 Km.

iP 13:52:10.1
iS 31.6
Compression from NW
Dist. 195 Km.

eP 14:13:36.2
eS 47.7
Dist. 95 Km.

eP 14:13:52.0
eS 14:15.0
Dist. 210 Km.

eP 14:47:46.4
eS 48:09.3
Dist. 210 Km.

eP 15:12:06.9
eS 30.2
Dist. 215 Km.

iP 15:49:28.4
iS 52
Dilatation
Dist. 215 Km.

eP 16:00:04.6
eS 26,3
Dist. 195 Km.

eP 16:03:25.5
eS 47.2
Dist. 195 Km.

eP 19:31:04.2
eS 21.0
Dist. 150 Km.

26 eP 00:55:(42)
SKS 01:06:16
e 12:46
SSS 20:00
(G) 24:52
R 32:50
Dist. 110°

Apr. 26 1968
eP 02:38:35.4
eS 39:00.5
Dist. 230 Km.

eP 02:52:25.6
eS 47.3
Dist. 195 Km.

eP 02:55:50.9
eS 56:15.0
Dist. 220 Km.

eP 03:30:03.7
eS 44.8
Dist. 390 Km.

eP 06:07:17.1
eS 30.5
Dist. 115 Km.

eP 06:21:(18.6)
eS 51.6
Dist. about 310 Km.

eP 08:39:37.3
eS 53.8
Dist. 145 Km.

eP 11:58:50.5
e(S) 12:02:12.5
Dist. about 18.5°

eP 21:31:48.6
eS 32:(09.9)
Dist. about 195 Km.

eP 21:44:00.6
eS 28.5
Dist. 260 Km.

27 eP 04:39:(07.9)
eS 13.5
Dist. about 35 Km.

eP 06:00:09.0
e 26.0
eS 35.5
Dist. 245 Km.

eP 06:31:48.2
eS 32:10.8
Dist. 205 Km.

eP 08:06:45.0
eS 07:07.5
Dist. 205 Km.

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PROVISIONAL READINGS AT PELDEHUE

Apr.28 1968 eP 04:10:25.6
eS 50.3
Dist. 235 Km.

eP 12:21:33.6

eP 12:29:21.0
eS 46.3
Dist. 235 Km.

Apr.28 1968 eP 13:02:(15.6)
eP 15:05:55.0
eS 06:13.9
Dist. 170 Km

Apr.28 1968 eP 15:06:52.6
eS 07:02.7
Dist. 80 Km.

J. Salas
SEISMOLOGIST

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Apr.24 1968 iP 21:19:45.5
iS 54.4
Dist. 70 Km.

25 eP 10:03:40.7
eS 04:00.7
Dist. 180 Km.

Apr.25 1968 eP 13:52:13.4
eP 14:13:(56)
eP 15:49:32

26 eP 08:39:33.5
eS 46.7
Dist. 110 Km.

Apr.27 1968 eP 06:00:11

28 eP 04:10:26.2
eS 52.1
Dist. 240 Km.

H. Becker
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Apr.27 1968 eS 05:28:40
Local

28 eP 13:01:34
eS 52
Dist. 160 Km.

29 iP 05:21:49.5
eS 22:03
Dist. 100 Km.

Apr.30 1968 eP 08:58:43
eS 59:59

eP 15:05:21
iS 31.5
Dist. 80 Km.

Apr.30 1968 iP 23:51:50
iS 52:27
Dist. 320 Km.
Felt 4 at Valdivia X
From NNE

May 01 1968 eP 10:51:26
e(S) 46

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar.23 1968 eP 15:31:25.1
eS 52.0
Dist. 240 Km.

eP 19:11:07.9
eS 30.3
Dist. 190 Km.

eP 19:33:46.1
Local

Mar.23 1968 eP 21:50:24.0
eS 55.2
Dist. 280 Km.

eP 23:40:36.7
eS 41:11.3
Dist. 310 Km.

eP 23:50:37.3
eS 51:13.3
Dist. 320 Km.

Mar.24 1968 eP 05:50:25.8
eS 31.8
Dist. 50 Km.

eP 07:21:41.2
Distant shock

eP 14:23:52.8
eS 24:44.9
Dist. 500 Km.

Y. Franulic
SEISMOLOGIST

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TWICKENHAM & RICHMOND
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24 OCT
1968

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~~RICHMOND SURREY ENGLAND~~
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3 OCT 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr.28 1968
eP 22:59:36.1
eS 23:00:03.9
Dist. 260 Km.

29
eP 00:29:05.5
eS 44.7
Dist. 370 Km.

eP 03:35:43.7
eS 36:10.3
Dist. 245 Km.
Small

eP 03:55:33.0

iP 09:58:36.9
eS 59:02.5
Dist. 235. Km.
Dilatation

eP 11:42:41.7
eS 43:17.6
Dist. 340 Km.

eP 14:10:04.9
eS 11:04.7
Dist. 580 Km.

eP 16:56:17.3
eS 26.9
Dist. 75 Km.

eP 19:28:49.6
eS 29:01.5
Dist. 100 Km.

eP 22:33:02.1
Distant shock

30
eP 03:01:22.7
eS 40.2
Dist. 155 Km.

eP 03:23:36.8
eS 53.9
Dist. 150 Km.

iP 08:57:20.8
iS 36.0
Compression from NE
Dist. 120 Km.

No records from 30-IV at 15:58 to 3-V at 18:20 due to clock failure.

May.03 1968
eP 20:35:40.0
eS 36:22.4
Dist. 405 Km.

04
eP 12:42:52.7
eS 43:03.6
Dist. 90 Km.

eP 12:47:00.0
eS 25.5
Dist. 235 Km.

iP 12:55:57.3
iS 56:06.0
Compression from SE
Dist. 65 Km.

eP 16:12:05.0
eS 31.6
Dist. 245 Km.

eP 19:06:46.3
iS 07:01.7
Dist. 135 Km.

eP 20:10:34.5
eS 48.1
Dist. 115 Km.

eP 22:45:13.2
eS 25.5
Dist. 150 Km.

05
eP 05:20:30.6
eS 40.0
Dist. 75 Km.

iP 09:19:59.6
eS 20:09.9
Dilatation from NW
Dist. 85 Km.

eP 10:43:49.1
eS 44:14.0
Dist. 230 Km.

06
eP 21:22:06.5
eS 24.1
Dist. 155 Km.

07
iP 00:31:16.7
eS 41.5
Compression
Dist. 230 Km.

May 07 1968
eP 03:06:30.1
e 08:40.5
Distant shock

eP 06:56:03.0
eS 34.3
Dist. 295 Km.

eP 07:14:43.5
eS 15:12.3
Dist. 270 Km.

eP 09:07:46.8
Distant shock

iP 10:17:06.5
iS 19.6
Compression
Dist. 115 Km.

iP 14:48:47.0
iS 49:12.5
Dilatation
Dist. 235 Km.

eP 16:17:08.4
Distant shock

08
eP 12:30:33.7
Distant shock

eP 17:13:00.2
iS 17.6
Dist. 155 Km.

iP 17:56:25.0
eS 39.5
Compression from NE
Dist. 125 Km.

eP 19:08:03.5
eS 20.3
Dist. 150 Km.

iP 21:06:31.3
iS 07:05.3
Compression from NE
Dist. 320 Km.

iP 21:36:46.5
iS 37:13.2
Compression from N
Dist. 245 Km.

iP 22:02:15.7
iS 18.0
Compression
Local

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PROVISIONAL READINGS AT PELDEHUE

May 09 1968
eP 01:17:51.5
iS 18:12.7
Dist. 190 Km.

eP 12:58:28.5
Distant shock

eP 17:32:24.7
iS 35.0
Dist. 85 Km.

10 eP 01:43:16.5
iS 52.4
i 57.0
Dist. 340 Km.

iP 13:05:24.7
eS 45.0
Dilatation from NW
Dist. 185 Km.

eP 15:31:16.9
Distant shock

eP 17:38:30.6
iS 53.5
Dist. 210 Km.

eP 21:03:27.0
eS 04:12.0
Dist. 430 Km.

iP 22:00:51.7
iS 54.1
Local

eP 22:30:12.9
e(S) 38.6
e 41.4
e 46.6
Dist. about 235 Km.

11 eP 00:25:52.6
iS 26:12.0
Dist. 175 Km.

eP 00:56:50.0
eS 57:11.0
Dist. 190 Km.

eP 01:28:49.0
e(S) 29:24.6
Dist. about 335 Km.

eP 03:52:27.7
eS 58.9
Dist. 290 Km.

iP 06:33:10.2
iS 19.1
Compression
Dist. 70 Km.

May 11 1968
eP 09:39:47.0
iS 40:01.5
Dist. 125 Km.

eP 13:26:10.2
iS 36.4
Dist. 240 Km.

iP 13:32:04.8
iS 33:40.3
Dilatation from NE
Dist. 935 Km.

eP 20:03:38.5
iS 52.6
Dist. 120 Km.

12 eP 13:48:18.4
iS 29.5
Dist. 90 Km.

13 eP 03:01:12.6
iS 02:30.0
Dist. 755 Km.

iP 14:13:52.0
iS 14:04.5
Compression
Dist. 105 Km.

eP 17:53:56
e 54:36
e 55:48
Distant shock

eP 21:42:58.0
eS 43:10.7
Dist. 105 Km.

eP 23:37:07.1
e 21.3
eS 28.0
Dist. 190 Km.

14 eP 05:12:40.0
eS 14:23.0
Dist. 9°

eP 14:24:51.6
epP 25:32
esP 26:24
epPcP 28:18
eS 30:06
eR 34:51
Dist. 36°
h 300 Km.

15 iP 04:37:43.0
iS 57.7
Compression
Dist. 125 Km.

May 15 1968
iP 05:09:29.9
iS 39.7
Compression
Dist. 80 Km.

eP 05:59:07.5
eS 31.4
Dist. 220 Km.

eP 07:10:39.1
eS 11:04.4
Dist. 235 Km.

iP 08:04:04.5
Dilatation
Distant shock

iP 11:31:48.9
eS 32:23.0
Dilatation
Dist. 320 Km.

eP 15:13:17.5
eS 23:43
ePPS 25:00
eSS 29:30
e(SSS) 33:50
eR 40:08
Dist. 83.5°

iP 18:38:53.6
iS 39:16.0
Dilatation
Dist. 205 Km.

eP 22:42:33.5
iS 45.2
Dist. 100 Km.

16 ePKP 01:08:55.3
eSKKS 19:58
Dist. 157°

eP 08:31:08.6
Distant shock

eP 09:18:09.0
Distant shock

eP 10:58:49.5
Distant shock

ePKP 12:29:27.4
Distant shock

eP 12:58:22.0
Distant shock

ePKP 16:33:41.2
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

May 16 1968
ePKP 17:48:07.6
Distant shock

ePKP 19:03:14.4
Distant shock

ePKP 19:36:41.3
Distant shock

ePKP 20:04:40.6
Distant shock

ePKP 20:42:09.6
Distant shock

ePKP 22:47:40.7
Distant shock

ePKP 23:23:48.2
esPKP 24:43
ePP 28:24
esSKS 31:26
eSKSP 37:06
e(ScSPKP) 38:40
eSS 47:12
Dist. 152°

17 iP 05:02:51.6
eS 03:04.5
Dilatation from NW
Dist. 110 Km.

eP 11:02:40.0
Distant shock

No records from May 17 at 11:02 to May 19 at 18:00. Clock failure.

* 19 iP 18:00:09.5
Compression from WNW
Dist. about 150 Km.

eP 22:36:38.5
Distant shock

20 eP 03:36:11.6
Distant shock

iP 06:35:18.7
iS 42.3
Dilatation from NE
Dist. 215 Km.

May 20 1968
eP 07:25:44.6
eS 37:00
eSS 49:50
eR 53:40
Dist. 96.5°

iP 12:34:17.8
iS 33.1
Dilatation from NW
Dist. 130 Km.

eP 21:29:21.0
Distant shock

21 eP 00:03:17.1
Distant shock

eP 00:39:09.7
Distant shock

iP 02:03:38.5
iS 52.0
Dilatation from NE
Dist. 115 Km.

eP 04:31:15.2
Distant shock

eP 07:53:57.0
Distant shock

iP 08:04:08.7
iS 34.2
Dilatation
Dist. 235 Km.

eP 08:39:36.8
Distant shock

iP 11:37:14.4
iS 51.1
Compression from NNW
Dist. 345 Km.

eP 13:08:21.4
eS 38.3
Dist. 150 Km.
Small

eP 14:48:54.9
Distant shock

eP 14:52:58.3
eS 53:46
Dist. 460 Km.

22 iP 12:53:59.8
iS 54:12.5
Compression from NW
Dist. 105 Km.

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* From May 19 at 18:00 to May 22 at 12:53 there is a possible time correction of 1 second

C. Gallardo
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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.06 1968
eP 14:13:(35.6)
eS 14:14.1
Dist. about 350 Km.

eP 17:13:(44.7)
eS 14:00.3
Dist. about 130 Km.

eP 20:01:(40.0)
eS 02:26.0
Dist. 440 Km.

eP 22:29:36
eS 30:03.8
Dist. about 250 Km.

07 eP 02:44:34
e(S) 46:23.7

eP 16:00:08
eS 29.2
Dist. about 180 Km.

eP 16:04:(43.5)
e(S) 05:22.0

eP 17:43:(52.5)
eS 44:14.0
Dist. about 190 Km.

eP 17:51:(59.7)
eS 52:18.5
Dist. about 160 Km.

iP 23:25:46.0
iS 26:08.8
Dist. 200 Km.

eP 23:42:43
eS 43:29.5
Dist. about 400 Km.

08 iP 08:25:55.9
iS 26:15.6
Dist. 170 Km.

eP 10:12:23
eS 13:20.3
Dist. about 550 Km.

eP 11:42:35
eS 57.2
Dist. about 190 Km.

eP 16:14:49.9
eS 58.5
Dist. about 80 Km.

Apr.08 1968
eP 21:28:52
eS 29:17.2
Dist. about 220 Km.

eP 21:40:(26.7)
eS 49.5
Dist. about 200 Km.

e(P) 23:53:54
eS 55:24.8

09 eP 02:40:26.0
eS 49:44
eSS 54:36
eSSS 57:50
eG 59:06
eR 03:02:36
Dist. about 72°

eP 03:47:39.3
eS 48:00.6
Dist. about 180 Km.

eP 04:26:(01.1)
eS 27:00.9
Dist. about 580 Km.

iP 13:00:25.1
iS 01:03.9
Dist. 350 Km.

iP 17:19:22.6
eS 20:08.0
i 08.8
Dist. 420 Km.

10 iP 04:16:52.1
iS 17:16
Dist. about 210 Km.

eP 08:29:(49.5)
eS 30:16.0
Dist. about 240 Km.

eP 16:45:55.3
Distant shock

eP 17:38:(09.5)
eS 39:18.5

eP 19:07:57
eS 08:15.7
Dist. about 200 Km.

eP 19:46:58.3
eS 47:06.7
Dist. about 80 Km.

Apr.10 1968
eP 22:27:42
e(S) 28:09.7

eP 22:36:(56.0)
eS 37:30.8
Dist. about 310 Km.

11 iP 01:03:10.3
eS 04:31.7
Dist. 790 Km.

eP 05:11:(03.0)
eS 21.5
Dist. about 160 Km.

eP 08:04:(50.5)
eS 05:27.3
Dist. about 330 Km.

eP 08:44:47
eS 45:29.4
Dist. about 390 Km.

eP 11:30:(54.3)
iS 31:33.0
Dist. about 350 Km.

eP 11:40:(51.9)
eS 41:28.0
Dist. about 320 Km.

eP 11:42:(49.5)
e(S) 43:14.8

From 11-4-68 at 14:33 to 15-4-68 at 07:52 no records in SP seismo grams.

iP 17:14:43 LP
iS 15:28 LP
Dist. about 430 Km.
Compression from NE

15 eS 07:52:20
eSS 56:04
eG 57:44
eR 08:01:48
Dist. about 55°

eP 15:54:02.5
eS 27.3
Dist. about 220 Km.

16 eP 00:46:(34.8)
eS 58.9
Dist. about 210 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.16 1968

eP 01:22:(42.5)
eS 23:04.7
Dist. about 190 Km.

eP 01:37:(43.5)
eS 50.4
Dist. about 60 Km.

eP 01:42:(09.2)
eS 32.0
Dist. about 200 Km.

eP 02:02:(59.8)
e(S) 03:41.2
i 04:13.0

eP 03:12:(57.5)
eS 13:40.5
Dist. about 510 Km.

eP 03:45:47
eS 46:04.7
Dist. about 140 Km.

eP 06:35:(11.8)
eS 22.3
Dist. about 90 Km.

eP 20:40:56.7
eS 41:23.5
Dist. 240 Km.

iP 21:04:34.4
iS 39.0
Dist. 40 Km.

iP 23:33:07.8
iS 16.3
Dist. 80 Km.
Compression from SE

17 iP 06:22:29.1
iS 44
Dist. about 120 Km.
Compression from E

eP 07:04:35.8
e(S) 05:03.7

e(P) 11:45:49.3
e(S) 46:51.6

iP 11:55:53.9
iS 56:04.9
Dilatation from SSE
Dist. 90 Km.

eP 17:52:24
eS 45.2
Dist. about 180 Km.

Apr.18 1968

iP 00:00:35.0
iS 01:10.2
Dist. 310 Km.

eP 04:36:(38.6)
eS 51.9
Dist. about 110 Km.

e(P) 06:47:30
eS 48:07.6

eP 09:44:(06.6)
eS 35.0
Dist. about 250 Km.

Y. Franulic
Seismologist.

RICHMOND & TWICKENHAM
1 OCT 1968
A

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh. 9

IMPRESO ORDINARIO

3 OCT 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Apr. 28 1968
eP 22:59:36.1
eS 23:00:03.9
Dist. 260 Km.

29
eP 00:29:05.5
eS 44.7
Dist. 370 Km.

eP 03:35:43.7
eS 36:10.3
Dist. 245 Km.
Small

eP 03:55:33.0

iP 09:58:36.9
eS 59:02.5
Dist. 235. Km.
Dilatation

eP 11:42:41.7
eS 43:17.6
Dist. 340 Km.

eP 14:10:04.9
eS 11:04.7
Dist. 580 Km.

eP 16:56:17.3
eS 26.9
Dist. 75 Km.

eP 19:28:49.6
eS 29:01.5
Dist. 100 Km.

eP 22:33:02.1
Distant shock

30
eP 03:01:22.7
eS 40.2
Dist. 155 Km.

eP 03:23:36.8
eS 53.9
Dist. 150 Km.

iP 08:57:20.8
iS 36.0
Compression from NE
Dist. 120 Km.

No records from 30-IV at 15:58 to 3-V at 18:20 due to clock failure.

May. 03 1968
eP 20:35:40.0
eS 36:22.4
Dist. 405 Km.

04
eP 12:42:52.7
eS 43:03.6
Dist. 90 Km.

eP 12:47:00.0
eS 25.5
Dist. 235 Km.

iP 12:55:57.3
iS 56:06.0
Compression from SE
Dist. 65 Km.

eP 16:12:05.0
eS 31.6
Dist. 245 Km.

eP 19:06:46.3
iS 07:01.7
Dist. 135 Km.

eP 20:10:34.5
eS 48.1
Dist. 115 Km.

eP 22:45:13.2
eS 25.5
Dist. 150 Km.

05
eP 05:20:30.6
eS 40.0
Dist. 75 Km.

iP 09:19:59.6
eS 20:09.9
Dilatation from NW
Dist. 85 Km.

eP 10:43:49.1
eS 44:14.0
Dist. 230 Km.

06
eP 21:22:06.5
eS 24.1
Dist. 155 Km.

07
iP 00:31:16.7
eS 41.5
Compression
Dist. 230 Km.

May 07 1968
eP 03:06:30.1
e 08:40.5
Distant shock

eP 06:56:03.0
eS 34.3
Dist. 295 Km.

eP 07:14:43.5
eS 15:12.3
Dist. 270 Km.

eP 09:07:46.8
Distant shock

iP 10:17:06.5
iS 19.6
Compression
Dist. 115 Km.

iP 14:48:47.0
iS 49:12.5
Dilatation
Dist. 235 Km.

eP 16:17:08.4
Distant shock

08
eP 12:30:33.7
Distant shock

eP 17:13:00.2
iS 17.6
Dist. 155 Km.

iP 17:56:25.0
eS 39.5
Compression from NE
Dist. 125 Km.

eP 19:08:03.5
eS 20.3
Dist. 150 Km.

iP 21:06:31.3
iS 07:05.3
Compression from NE
Dist. 320 Km.

iP 21:36:46.5
iS 37:13.2
Compression from N
Dist. 245 Km.

iP 22:02:15.7
iS 18.0
Compression
Local

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PROVISIONAL READINGS AT PELDEHUE

May 09 1968
eP 01:17:51.5
iS 18:12.7
Dist. 190 Km.

eP 12:58:28.5
Distant shock

eP 17:32:24.7
iS 35.0
Dist. 85 Km.

10 eP 01:43:16.5
iS 52.4
i 57.0
Dist. 340 Km.

iP 13:05:24.7
eS 45.0
Dilatation from NW
Dist. 185 Km.

eP 15:31:16.9
Distant shock

eP 17:38:30.6
iS 53.5
Dist. 210 Km.

eP 21:03:27.0
eS 04:12.0
Dist. 430 Km.

iP 22:00:51.7
iS 54.1
Local

eP 22:30:12.9
e(S) 38.6
e 41.4
e 46.6
Dist. about 235 Km.

11 eP 00:25:52.6
iS 26:12.0
Dist. 175 Km.

eP 00:56:50.0
eS 57:11.0
Dist. 190 Km.

eP 01:28:49.0
e(S) 29:24.6
Dist. about 335 Km.

eP 03:52:27.7
eS 58.9
Dist. 290 Km.

iP 06:33:10.2
iS 19.1
Compression
Dist. 70 Km.

May 11 1968
eP 09:39:47.0
iS 40:01.5
Dist. 125 Km.

eP 13:26:10.2
iS 36.4
Dist. 240 Km.

iP 13:32:04.8
iS 33:40.3
Dilatation from NE
Dist. 935 Km.

eP 20:03:38.5
iS 52.6
Dist. 120 Km.

12 eP 13:48:18.4
iS 29.5
Dist. 90 Km.

13 eP 03:01:12.6
iS 02:30.0
Dist. 755 Km.

iP 14:13:52.0
iS 14:04.5
Compression
Dist. 105 Km.

eP 17:53:56
e 54:36
e 55:48
Distant shock

eP 21:42:58.0
eS 43:10.7
Dist. 105 Km.

eP 23:37:07.1
e 21.3
eS 28.0
Dist. 190 Km.

14 eP 05:12:40.0
eS 14:23.0
Dist. 9°

eP 14:24:51.6
epP 25:32
esP 26:24
epPcP 28:18
eS 30:06
eR 34:51
Dist. 36°
h 300 Km.

15 iP 04:37:43.0
iS 57.7
Compression
Dist. 125 Km.

May 15 1968
iP 05:09:29.9
iS 39.7
Compression
Dist. 80 Km.

eP 05:59:07.5
eS 31.4
Dist. 220 Km.

eP 07:10:39.1
eS 11:04.4
Dist. 235 Km.

iP 08:04:04.5
Dilatation
Distant shock

iP 11:31:48.9
eS 32:23.0
Dilatation
Dist. 320 Km.

eP 15:13:17.5
eS 23:43
ePPS 25:00
eSS 29:30
e(SSS) 33:50
eR 40:08
Dist. 83.5°

iP 18:38:53.6
iS 39:16.0
Dilatation
Dist. 205 Km.

eP 22:42:33.5
iS 45.2
Dist. 100 Km.

16 ePKP 01:08:55.3
eSKKS 19:58
Dist. 157°

eP 08:31:08.6
Distant shock

eP 09:18:09.0
Distant shock

eP 10:58:49.5
Distant shock

ePKP 12:29:27.4
Distant shock

eP 12:58:22.0
Distant shock

ePKP 16:33:41.2
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

May 16 1968

ePKP 17:48:07.6
Distant shock

ePKP 19:03:14.4
Distant shock

ePKP 19:36:41.3
Distant shock

ePKP 20:04:40.6
Distant shock

ePKP 20:42:09.6
Distant shock

ePKP 22:47:40.7
Distant shock

ePKP 23:23:48.2
esPKP 24:43
ePP 28:24
esSKS 31:26
eSKSP 37:06
e(ScSPKP) 38:40
eSS 47:12
Dist. 152°

17 iP 05:02:51.6
eS 03:04.5
Dilatation from NW
Dist. 110 Km.

eP 11:02:40.0
Distant shock

No records from May 17 at 11:02 to May 19 at 18:00. Clock failure.

* 19 iP 18:00:09.5
Compression from WNW
Dist. about 150 Km.

eP 22:36:38.5
Distant shock

20 eP 03:36:11.6
Distant shock

iP 06:35:18.7
iS 42.3
Dilatation from NE
Dist. 215 Km.

May 20 1968

eP 07:25:44.6
eS 37:00
eSS 49:50
eR 53:40
Dist. 96.5°

iP 12:34:17.8
iS 33.1
Dilatation from NW
Dist. 130 Km.

eP 21:29:21.0
Distant shock

21 eP 00:03:17.1
Distant shock

eP 00:39:09.7
Distant shock

iP 02:03:38.5
iS 52.0
Dilatation from NE
Dist. 115 Km.

eP 04:31:15.2
Distant shock

eP 07:53:57.0
Distant shock

iP 08:04:08.7
iS 34.2
Dilatation
Dist. 235 Km.

eP 08:39:36.8
Distant shock

iP 11:37:14.4
iS 51.1
Compression from NNW
Dist. 345 Km.

eP 13:08:21.4
eS 38.3
Dist. 150 Km.
Small

eP 14:48:54.9
Distant shock

eP 14:52:58.3
eS 53:46
Dist. 460 Km.

22 iP 12:53:59.8
iS 54:12.5
Compression from NW
Dist. 105 Km.

C. Gallardo
SEISMOLOGIST

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* From May 19 at 18:00 to May 22 at 12:53 there is a possible time correction of 1 second

eP 21:30:55.1
iS 31:30.3
Dist. 310 Km.

eP 10:09:34.0
Local

eS 45.2
Dist. about 300 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.06 1968
eP 14:13:(35.6)
eS 14:14.1
Dist. about 350 Km.

eP 17:13:(44.7)
eS 14:00.3
Dist. about 130 Km.

eP 20:01:(40.0)
eS 02:26.0
Dist. 440 Km.

eP 22:29:36
eS 30:03.8
Dist. about 250 Km.

07 eP 02:44:34
e(S) 46:23.7

eP 16:00:08
eS 29.2
Dist. about 180 Km.

eP 16:04:(43.5)
e(S) 05:22.0

eP 17:43:(52.5)
eS 44:14.0
Dist. about 190 Km.

eP 17:51:(59.7)
eS 52:18.5
Dist. about 160 Km.

iP 23:25:46.0
iS 26:08.8
Dist. 200 Km.

eP 23:42:43
eS 43:29.5
Dist. about 400 Km.

08 iP 08:25:55.9
iS 26:15.6
Dist. 170 Km.

eP 10:12:23
eS 13:20.3
Dist. about 550 Km.

eP 11:42:35
eS 57.2
Dist. about 190 Km.

eP 16:14:49.9
eS 58.5
Dist. about 80 Km.

Apr.08 1968
eP 21:28:52
eS 29:17.2
Dist. about 220 Km.

eP 21:40:(26.7)
eS 49.5
Dist. about 200 Km.

e(P) 23:53:54
eS 55:24.8

09 eP 02:40:26.0
eS 49:44
eSS 54:36
eSSS 57:50
eG 59:06
eR 03:02:36
Dist. about 72°

eP 03:47:39.3
eS 48:00.6
Dist. about 180 Km.

eP 04:26:(01.1)
eS 27:00.9
Dist. about 580 Km.

iP 13:00:25.1
iS 01:03.9
Dist. 350 Km.

iP 17:19:22.6
eS 20:08.0
i 08.8
Dist. 420 Km.

10 iP 04:16:52.1
iS 17:16
Dist. about 210 Km.

eP 08:29:(49.5)
eS 30:16.0
Dist. about 240 Km.

eP 16:45:55.3
Distant shock

eP 17:38:(09.5)
eS 39:18.5

eP 19:07:57
eS 08:15.7
Dist. about 200 Km.

eP 19:46:58.3
eS 47:06.7
Dist. about 80 Km.

Apr.10 1968
eP 22:27:42
e(S) 28:09.7

eP 22:36:(56.0)
eS 37:30.8
Dist. about 310 Km.

11 iP 01:03:10.3
eS 04:31.7
Dist. 790 Km.

eP 05:11:(03.0)
eS 21.5
Dist. about 160 Km.

eP 08:04:(50.5)
eS 05:27.3
Dist. about 330 Km.

eP 08:44:47
eS 45:29.4
Dist. about 390 Km.

eP 11:30:(54.3)
iS 31:33.0
Dist. about 350 Km.

eP 11:40:(51.9)
eS 41:28.0
Dist. about 320 Km.

eP 11:42:(49.5)
e(S) 43:14.8

From 11-4-68 at 14:33 to 15-4-68 at 07:52 no records in SP seismo grams.

iP 17:14:43 LP
iS 15:28 LP
Dist. about 430 Km.
Compression from NE

15 eS 07:52:20
eSS 56:04
eG 57:44
eR 08:01:48
Dist. about 55°

eP 15:54:02.5
eS 27.3
Dist. about 220 Km.

16 eP 00:46:(34.8)
eS 58.9
Dist. about 210 Km.

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PROVISIONAL READINGS AT PELDEHUE

May 16 1968

ePKP 17:48:07.6
Distant shock

ePKP 19:03:14.4
Distant shock

ePKP 19:36:41.3
Distant shock

ePKP 20:04:40.6
Distant shock

ePKP 20:42:09.6
Distant shock

ePKP 22:47:40.7
Distant shock

ePKP 23:23:48.2
esPKP 24:43
ePP 28:24
esSKS 31:26
eSKSP 37:06
e(ScSPKP) 38:40
eSS 47:12
Dist. 152°

17 iP 05:02:51.6
eS 03:04.5
Dilatation from NW
Dist. 110 Km.

eP 11:02:40.0
Distant shock

No records from May 17 at 11:02 to May 19 at 18:00. Clock failure.

* 19 iP 18:00:09.5
Compression from WNW
Dist. about 150 Km.

eP 22:36:38.5
Distant shock

20 eP 03:36:11.6
Distant shock

iP 06:35:18.7
iS 42.3
Dilatation from NE
Dist. 215 Km.

May 20 1968

eP 07:25:44.6
eS 37:00
eSS 49:50
eR 53:40
Dist. 96.5°

iP 12:34:17.8
iS 33.1
Dilatation from NW
Dist. 130 Km.

eP 21:29:21.0
Distant shock

21 eP 00:03:17.1
Distant shock

eP 00:39:09.7
Distant shock

iP 02:03:38.5
iS 52.0
Dilatation from NE
Dist. 115 Km.

eP 04:31:15.2
Distant shock

eP 07:53:57.0
Distant shock

iP 08:04:08.7
iS 34.2
Dilatation
Dist. 235 Km.

eP 08:39:36.8
Distant shock

iP 11:37:14.4
iS 51.1
Compression from NNW
Dist. 345 Km.

eP 13:08:21.4
eS 38.3
Dist. 150 Km.
Small

eP 14:48:54.9
Distant shock

eP 14:52:58.3
eS 53:46
Dist. 460 Km.

22 iP 12:53:59.8
iS 54:12.5
Compression from NW
Dist. 105 Km.

---

* From May 19 at 18:00 to May 22 at 12:53 there is a possible time correction of 1 second

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Apr.29 1968 iP 09:58:33.1
iS 56.5
Dist. 215 Km.
Dilatation

30 iP 08:57:22.0
Compression

eP 23:52:32.4
eS 57.5
Dist. 230 Km.

May 01 1968 iP 07:43:47.5
i(S) 44:04.5
Dilatation

eP 04:04:24.2
eS 51.7
Dist. 255 Km.

02 eP 05:38:39.5
Distant shock

04 iP 12:55:53.2
Compression

05 eP 09:20:02.7

08 iP 21:06:33.1
Compression

iP 21:36:48.8
iS 37:17.4
Compression
Dist. 265 Km.

11 iP 13:32:05.0
Dilatation
Distant shock

May 13 1968 eP 03:01:07.4
Distant shock

14 eP 05:12:45.2
Distant shock

15 iP 04:37:39.2
Compression

16 eP 01:08:53.0
Distant shock

eP 10:58:52.5
Distant shock

17 iP 05:02:53.4
eS 03:08.2
Dilatation
Dist. 130 Km.

19 eP 12:06:49
eS 07:06
Small
Dist. 150 Km.

iP 18:00:11.6
eS 00:30
Dist. about 160 Km.
Compression

20 iP 06:35:23.8
e(S) 50
Dilatation

eP 07:25:46.1
Distant shock

May 20 1968 iP 12:34:22.2
iS 39.1
Dist. 150 Km.

eP 20:18:29.1
Distant shock

eP 21:29:23.5
Distant shock

21 iP 02:03:42.7
iS 57.9
Dilatation
Dist. 130 Km.

eP 07:53:56.2
Distant shock

eP 08:39:40.7
Distant shock

i(P) 11:37:20.0
Compression

22 iP 12:54:02.3
iS 17.5
Compression
Dist. 130 Km.

iP 21:04:08.0
Dilatation

23 eP 17:36:55.2
Distant shock

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Apr.03 1968 eP 09:42:14
eS 25
Dist. 90 Km.

09 eP 01:34:19
eS 42
Dist. 190 Km.

10 eP 16:42:58.5

17 eP 15:10:15.5
eS 25
Dist. 75 Km.

Apr.19 1968 iP 13:06:28.5
iS 32.5
Dist. 32 Km.
Felt I at Concepcion

20 eP 09:27:(--)
eS 15
On minute mark
Dist. 120 Km.

24 eP 10:23:14.5
eS 47.5
Dist. 290 Km.

Apr.24 1968 eP 10:46:11
eS 17
Dist. 50 Km.

30 eP 08:58:05.5
eS 54
Dist. 475 Km.

iP 23:51:50.5
iS 52:18
Felt II at Concepcion
Dist. 255 Km.

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PROVISIONAL READINGS AT CONCEPCION

May 01 1968 eP 10:51:20

02 eP 21:11;56.5
eS 12:19
Dist. 200 Km.

10 eP 21:02:52.5

11 eP 13:32:39

13 eP 03:00:17.5
eS 56
Dist. 370 Km.

May 16 1968 ePKP 01:08:58
epPKP 09:25
ePKS 11:47
eSKKS 23:32
e 24:25
Dist. about 150°

e 10:58:50

20 eP 04:04:49
eS 05:05
Dist. 130 Km.

May 20 1968 eP 19:05:06.5
iS 11.5
Dist. 40 Km.
Felt I at Concepción

23 eP 17:36:36
e(pP) 36:44
e 38:05
e(S) 47:05
Dist. about 85°

28 eP 06:20:10.5
iS 15
Dist. 35 Km.

A. Sickinger
Seismologist

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Due to an error the following shocks were not included in Bulletin N° 06-68.

Mar. 06 1968 eP 01:33:22
eS 32
Dist. 80 Km.

eP 05:38:59
eiS 39:10
Dist. 30 Km.

07 eP 09:22:53
iS 59
Dist. 50 Km.

08 iP 00:08:33.8
iS 41.5
Dist. 60 Km.
Dilatation
Felt IV at Valdivia

May 02 1968 eP 21:12:03
eS 30
Dist. 230 Km.

03 iP 04:36:29
iS 37
Dist. 60 Km.

iP 09:54:26
eS 35
Dist. 70 Km.

06 eP 07:00:23
eS 49
Dist. 230 Km.

May 09 1968 eP 13:08:44
iS 51
Dist. 50 Km.

eP 13:59:55
iS 14:00:06
Dist. 90 Km.

13 iP 02:59:38.2
iS 46
Dist. 60 Km.
Dilatation from NE
Felt V-VI at Valdivia

14 e(P) 06:27:00
eS 10

15 eP 22:37:14
iS 20
Dist. 50 Km.

16 ePKP 01:09:18
ePPP 17:00
eSKKS 20:00
e 21:30
ePSKS 23:29
e 24:51
e 28:21
e 29:51
eSS 33:37
Dist. 160°

e(PKP) 10:58:53
e 11:11:09
eSS 22:07
Dist. 155°

19 iP 16:00:57.2
i 01:03
iS 11
Dist. 110 Km.

May 20 1968 iP 02:57:38
iS 45
Dist. 50 Km.

eP 05:43:33
e(S) 54

eP 20:18:04
eS 28:18
Dist. 79°

21 eS 07:52:29

22 eP 20:53:10
eiS 33

23 eP 17:36:26
eS 46:38
eSS 51:55
Dist. 79°

28 eP 13:46:27
Distant shock

R. Schulz
Seismologist.

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Mar.25 1968
eP 04:09:20.7
eS 56.9
Dist. 320 Km.

eP 11:42:(44.0)
eS 44:04.5
Dist. 790 Km.

26
eP 01:00:44.1
e(S) (53.7)

eP 11:33:04.2
eS 34:19.4
Dist. 130 Km.

eP 21:25:38.8
e(S) 26:01.7

eP 22:27:39.9
e 28:19
e(S) 35.5

27
eP 02:30:17
eS 31:14
Dist. about 540 Km.

eP 07:03:32.1
eS 04:07.7
Dist. 320 Km.

eP 09:42:47.1
eS 43:12
Dist. about 230 Km.

28
eP 01:00:36.3
eS 57.0
Dist. 190 Km.

eP 03:58:50.7
eS 59:17.9
Dist. 250 Km.

iP 10:04:29.8
iS 37.8
Dist. 60 Km.
Compression from NE?

eP 13:40:22.9
e 42:26.9
e(S) 41.5

iP 14:23:35.8
e 24:11.1
e 17.7
Dilatation from N

Mar.28 1968
eP 15:32:41.7
e 58.0
eS 33:23.4
Dist. 380 Km.

eP 21:56:28.8
eS 57:51.9
Dist. 810 Km.

eP 22:14:25.0
eS 54
Dist. 260 Km.

29
eP 02:14:56.3
eS 15:33.9
Dist. 340 Km.

eP 09:34:05.0
eS 52.9
Dist. 430 Km.

eP 12:53:59.0
eS 54:14.1
Dist. 130 Km.

eP 13:58:09.1
e 20.3
eS 35.0
Dist. 230 Km.

eP 22:42:(42)
eS 43:(35)
Dist. about 490 Km.

eP 23:00:23.4
e 01:02.2
e(S) 25.2

30
eP 00:26:21.6
e 45.2
eS 49.0
Dist. 250 Km.

eP 00:32:06
eS 22.8
Dist. 150 Km.

eP 11:44:18.1
eS 54.1
Dist. 320 Km.

eP 14:22:24
eS 23:06.7
Dist. 390 Km.

Mar.30 1968
eP 16:25:11.0
eS 27.7
Dist. 150 Km.

eP 21:04:32.4
eS 46.6
Dist. 120 Km.

eP 21:46:38.8
eS 56.0
Dist. 150 Km.

iP 23:13:13.2
iS 18.7
Dist. 40 Km.
Compression from S

31
eP 00:55:42.2
iS 56:19.1
Dist. 330 Km.

eP 01:07:48.9
eS 08:21.4
Dist. 280 Km.

eP 05:59:27.2
eS (52.3)
Dist. 220 Km.

eP 06:45:42.7
eS 46:09.2
Dist. 330 Km.

eP 09:01:22.0
eS 02:00.7
Dist. 350 Km.

eP 13:24:26.0
eS 46.8
Dist. 180 Km.

iP 16:38:36.0
eS 39:11.0
Dist. 310 Km.

eP 16:44:06.6
eS 34.8
Dist. 250 Km.

eP 19:50:12.9
eS 50.7
Dist. 340 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.01 1968
ePKP 01:02:01.3
ePP 06:26
eSKSP 16:36
eSS 26:04
e(G) 46:14
eR 53.0
Dist. about 158°
Doubtful interpretation

iP 02:18:49.6
i(S) 54.6
Dilatation from E

eP 05:58:39.6
eS 59:16.1
Dist. 330 Km.

eP 16:38:21.0
e(S) 39:13.8

eP 18:12:13.0
eS 36.0
Dist. 200 Km.

eP 18:31:(50.0)
eS 32:15
Dist. about 220 Km.

eP 18:33:46
e(S) 34:17.0

02 eP 01:36:25.3
eS 37:15.6
Dist. 470 Km.

eP 06:59:12.7
eS 32.2
Dist. 170 Km.

eP 10:59:25.0
eS 11:00:03.9
Dist. 350 Km.

eP 13:09:09.2
eS 29.8
Dist. 180 Km.

eP 15:11:01
eS 37.8
Dist. about 310 Km.

eP 20:04:07.5
eS 33.3
Dist. 230 Km.

eP 21:30:55.1
iS 31:30.3
Dist. 310 Km.

Apr.03 1968
eP 03:01:05
eS 49.8
Dist. about 310 Km.

eP 08:51:47.9
eS 52:36.9
Dist. 460 Km.

eP 10:41:34.4
e 42.7
e(S) 42:56.4
i 43:04.9

eP 12:53:40.8
iS 54:07.3
Dist. 240 Km.

eP 14:31:48
Local

eP 16:36:26
eS 57.0
Dist. about 280 Km.

eP 19:40:54.2
eS 41:22.7
Dist. 260 Km.

eP 19:43:02
Distant shock?

eP 21:45:07
eS 28.0
Dist. 180 Km.

04 eP 03:17:21
eS 54.7
Dist. about 300 Km.

eP 04:28:33.9
eS 39.5
Dist. 50 Km.

eP 04:54:54.3
eS 55:07.9
Dist. 110 Km.

eP 06:22:38.4
eS 23:16.6
Dist. 340 Km.

eP 08:07:17.6
eS 08:05.3
Dist. 450 Km.

eP 10:09:34.0
Local

Apr.04 1968
eP 19:46:26.5
i 40.7
eS 58.5
Dist. 290 Km.

iP 22:07:30.0
iS 54
Dist. about 210 Km.
Compression from NE

eP 22:31:29.0
e 32:06.7
e(S) 21.7

05 eP 01:47:27.4
eS 50.0
Dist. 200 Km.

eP 02:15:00.3
eS 21.1
Dist. 180 Km.

From 5-3-68 at 04:19 to 6-3-68 at 20:01 no records in Vertical.

eP 07:46:(49.6)
eS 47:16.2
Dist. about 240 Km.

eP 09:37:(59.3)
eS 38:19.6
Dist. about 170 Km.

eP 15:41:(07.0)
eS 20.8
Dist. about 110 Km.

eP 16:12:(52.5)
eS 13:13.6
Dist. about 180 Km.

eP 19:43:(57)
e(S) 44:15.9

eP 22:42:(52)
eS 43:23.5
Dist. about 290 Km.

06 eP 01:56:(37.2)
e(S) 59.1
i 57:11.6
Two shocks?

eP 13:16:(12.5)
eS 45.2
Dist. about 300 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.06 1968
eP 14:13:(35.6)
eS 14:14.1
Dist. about 350 Km.

eP 17:13:(44.7)
eS 14:00.3
Dist. about 130 Km.

eP 20:01:(40.0)
eS 02:26.0
Dist. 440 Km.

eP 22:29:36
eS 30:03.8
Dist. about 250 Km.

07 eP 02:44:34
e(S) 46:23.7

eP 16:00:08
eS 29.2
Dist. about 180 Km.

eP 16:04:(43.5)
e(S) 05:22.0

eP 17:43:(52.5)
eS 44:14.0
Dist. about 190 Km.

eP 17:51:(59.7)
eS 52:18.5
Dist. about 160 Km.

iP 23:25:46.0
iS 26:08.8
Dist. 200 Km.

eP 23:42:43
eS 43:29.5
Dist. about 400 Km.

08 iP 08:25:55.9
iS 26:15.6
Dist. 170 Km.

eP 10:12:23
eS 13:20.3
Dist. about 550 Km.

eP 11:42:35
eS 57.2
Dist. about 190 Km.

eP 16:14:49.9
eS 58.5
Dist. about 80 Km.

Apr.08 1968
eP 21:28:52
eS 29:17.2
Dist. about 220 Km.

eP 21:40:(26.7)
eS 49.5
Dist. about 200 Km.

e(P) 23:53:54
eS 55:24.8

09 eP 02:40:26.0
eS 49:44
eSS 54:36
eSSS 57:50
eG 59:06
eR 03:02:36
Dist. about 72°

eP 03:47:39.3
eS 48:00.6
Dist. about 180 Km.

eP 04:26:(01.1)
eS 27:00.9
Dist. about 580 Km.

iP 13:00:25.1
iS 01:03.9
Dist. 350 Km.

iP 17:19:22.6
eS 20:08.0
i 08.8
Dist. 420 Km.

10 iP 04:16:52.1
iS 17:16
Dist. about 210 Km.

eP 08:29:(49.5)
eS 30:16.0
Dist. about 240 Km.

eP 16:45:55.3
Distant shock

eP 17:38:(09.5)
eS 39:18.5

eP 19:07:57
eS 08:15.7
Dist. about 200 Km.

eP 19:46:58.3
eS 47:06.7
Dist. about 80 Km.

Apr.10 1968
eP 22:27:42
e(S) 28:09.7

eP 22:36:(56.0)
eS 37:30.8
Dist. about 310 Km.

11 iP 01:03:10.3
eS 04:31.7
Dist. 790 Km.

eP 05:11:(03.0)
eS 21.5
Dist. about 160 Km.

eP 08:04:(50.5)
eS 05:27.3
Dist. about 330 Km.

eP 08:44:47
eS 45:29.4
Dist. about 390 Km.

eP 11:30:(54.3)
iS 31:33.0
Dist. about 350 Km.

eP 11:40:(51.9)
eS 41:28.0
Dist. about 320 Km.

eP 11:42:(49.5)
e(S) 43:14.8

From 11-4-68 at 14:33 to 15-4-68 at 07:52 no records in SP seismograms.

iP 17:14:43 LP
iS 15:28 LP
Dist. about 430 Km.
Compression from NE

15 eS 07:52:20
eSS 56:04
eG 57:44
eR 08:01:48
Dist. about 55°

eP 15:54:02.5
eS 27.3
Dist. about 220 Km.

16 eP 00:46:(34.8)
eS 58.9
Dist. about 210 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Apr.16 1968
eP 01:22:(42.5)
eS 23:04.7
Dist. about 190 Km.

eP 01:37:(43.5)
eS 50.4
Dist. about 60 Km.

eP 01:42:(09.2)
eS 32.0
Dist. about 200 Km.

eP 02:02:(59.8)
e(S) 03:41.2
i 04:13.0

eP 03:12:(57.5)
eS 13:40.5
Dist. about 510 Km.

eP 03:45:47
eS 46:04.7
Dist. about 140 Km.

eP 06:35:(11.8)
eS 22.3
Dist. about 90 Km.

eP 20:40:56.7
eS 41:23.5
Dist. 240 Km.

iP 21:04:34.4
iS 39.0
Dist. 40 Km.

iP 23:33:07.8
iS 16.3
Dist. 80 Km.
Compression from SE

17 iP 06:22:29.1
iS 44
Dist. about 120 Km.
Compression from E

eP 07:04:35.8
e(S) 05:03.7

e(P) 11:45:49.3
e(S) 46:51.6

iP 11:55:53.9
iS 56:04.9
Dilatation from SSE
Dist. 90 Km.

eP 17:52:24
eS 45.2
Dist. about 180 Km.

Apr.18 1968
iP 00:00:35.0
iS 01:10.2
Dist. 310 Km.

eP 04:36:(38.6)
eS 51.9
Dist. about 110 Km.

e(P) 06:47:30
eS 48:07.6

eP 09:44:(06.6)
eS 35.0
Dist. about 250 Km.

Y. Franulic
Seismologist.

RICHMOND & TWICKENHAM
1 OCT 1968
A

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh. 9.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

May 24 1968
eP 21:10:06.1
Distant shock

eP 21:57:41.8
eS 58:02.5
Dist. 185 Km.

25 iP 09:24:58.5
iS 25:10.5
Dilatation from N
Dist. 100 Km.

eP 19:54:17.1
iS 32.5
Dist. 135 Km.

26 eP 00:01:55.7
Distant shock

eP 04:08:12.8
iS 25.6
Dist. 110 Km.

eP 04:21:22.4
Distant shock

eP 14:47:15.0
eS 26,5
Dist. 95 Km.

e(P) 16:25:21.5
e 26:17.0
Distant shock

eP 18:38:15.5
iS 32.0
i 39.5
Dist.145 Km.

eP 23:33:37.6
eS 34:03.1
Dist. 235 Km.

27 eP 00:12:04.5
eS 21.6
Dist. 150 Km.

eP 01:32:01.7
e 21.3
eS 33.8
Dist. 300 Km.

eP 01:37:14.0
eS 47.0
Dist. 310 Km.

May 27 1968
eP 06:39:57.0
iS 40:14.5
Dist. 155 Km.

e(P) 08:04:51.0
e 57.4
eS 05:40.5
Dist. about 475 Km.

eP 12:40:58.0
eS 41:25.5
Dist.155 Km.

iP 13:07:47.3
iS 58.9
Dilatation from N
Dist. 95 Km.

eP 13:32:04.0
eS 15.9
Dist. 100 Km.

eP 22:06:46.6
eS 07:10.5
Dist. 220 Km.

eP 02:20:24.9
iS 56.7
Dist. 300 Km.

28 eP 04:17:12.7
eS 45.0
Dist.305 Km.

eP 09:19:08.5
Distant shock

eP 13:46:31.8
e 36.5
e 47:18.5

eP 17:39:31.0
eS 43.2
Dist. 100 Km.

iP 18:22:25.6
e 33.5
eS 40.2
Dist. 125 Km.

29 iP 03:55:55.5
iS 56:02.7
Dilatation from S
Dist. 50 Km.

May 29 1968
eP 04:18:48.5
iS 56.4
Dist. 60 Km.

eP 04:39:29.4
iS 37.2
Dist. 60 Km.

30 iP 05:12:12.1
iS 30.0
Dilatation from NW
Dist. 160 Km.

iP 05:34:27.8
iS 40.7
Compression
Dist. 110 Km.

eP 05:43:25.7
Distant shock

iP 08:55:18.0
iS 43.5
Compression from SW
Dist. 215 Km.

iP 15:06:03.9
iS 17.0
Compression from NE
Dist. 110 Km.

eP 19:55:03.5
Distant shock

eP 21:44:02.1
Distant shock

31 eP 09:05:14.0
eS 06:11.6
Dist. 555 Km.

eP 15:40:28.0
e 42:49

e(P) 15:56:14.5
i 25.2
eS 43.5

eP 20:02:00.5
eS 31.0
Dist. 285 Km.

iP 22:23:33.1
iS 52.2
Dist. 170 Km.

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PROVISIONAL READINGS AT PELDEHUE

Jun.01 1968
iP 01:10:19.9
iS 40.0
Small
Dist. 180 Km.

eP 02:09:10.7
e 31.2
i 45.1
eS (54.4)
Dist. about 415 Km.

eP 06:48:14.8
eS 39.6
Dist. 230 Km.

eP 10:51:42.2
Distant shock

eP 16:59:55.5
eS 17:00:04.7
Dist. 72 Km.

eP 19:47:04.0
eS 31
Dist. 250 Km.

eP 20:52:31.3
eS 43.4
Dist. 100 Km.

02 eP 11:42:37.8
eS 43:40.4
Dist. 605 Km.

eP 15:35:41.6
eS 36:04.8
Dist. 210 Km

e(P) 16:08:10
eS 36.4

03 eP 00:04:26.7
eS 45.7
Dist. 170 Km.

eP 10:14:21.4
eS 50.0
Dist. 265 Km.

eP 10:33:24.3
eS 34:12.9
Dist. 465 Km.

eP 14:35:(46.5)
Distant shock

eP 14:47:44.2
eS 48:09.0
Dist. 130 Km.

Jun.03 1968
eP 15:46:17.6
eS (57)
Dist. about 375 Km.

04 iP 07:11:06.8
iS 25.2
Dilatation
Dist. 165 Km.

eP 10:02:06.0
Distant shock

eP 11:03:31.2
Distant shock

05 iP 06:26:04.4
Distant shock

iP 09:16:00.9
iS 14.1
Compression
Dist. 110 Km.

eP 11:16:11.0
eS 34.4
Dist. 215 Km.

eP 18:09:25.7
iS 43.2
Small
Dist. 155 Km.

06 eP 05:12:24.7
iS 48.6
Dist. 220 Km.

eP 07:24:(06)
e 26:18.8

eP 07:56:35.0
Distant shock

e(P) 12:06:30.3

eP 12:50:03.4

07 eP 12:17:03.5
Distant shock

iP 20:18:00.1
eS 10.5
Dist. 85 Km.

eP 21:50:22.4
Distant shock

08 eP 05:49:28.7
Distant shock

eP 23:35:26.6
eS 45:03
Dist. 76°

Jun.09 1968
eP 00:28:57.2
eS 30:22
Dist. 860 Km.

iP 04:03:24.2
eS 42.6
Compression
Dist. 205 Km.

eP 22:14:36.4
Distant shock

10 eP 14:15:49.3
Distant shock

iP 18:45:57.4
e(S) 31.2
Compression

iP 21:15:33.5
iS 46.4
Compression
Dist. 110 Km.

11 eP 04:39:23.1
Distant shock

eP 06:01:08.7
Distant shock

eP 11:41:42.6
Distant shock

eP 11:48:33.0
Distant shock

eP 16:14:17.5
iS 20.1
Local

iP 16:16:29.6
iS 32.5
Local
Compression from SW

eP 22:41:37.6
iS 42:01.6
Dist. 220 Km.

eP 22:48:50.2
iS 49:38.0
Dist. 460 Km.

12 eP 03:57:37.8
eS 58:09.5
Dist. 295 Km.

eP 12:25:51
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Jun.12 1968

iP 13:21:43.6
Distant shock

eP 14:01:38.6
ePP 02:04
eS 14:27,5
eSS 18:46
eSSS 22:10
eG 25:14
eR 30:07
Dist. 90°

iP 14:18:18.5
Distant shock
Dilatation

eP 18:11:55.7
Distant shock

iP 21:54:14.1
iS 16.8
Compression from SW
Local

eP 22:17:35.6
Distant shock

eP 22:28:31.0
Distant shock

13 eP 00:24:55.7
Distant shock

eP 02:25:37.4
Distant shock

eP 04:54:06.6
eS 22.8
Dist. 140 Km.

eP 06:03:01.7
eS 13.8
Dist. 100 Km.

eP 06:11:39.3
eS 12:14.3
Dist. 330 Km.

iP 06:44:56.2
iS 45:07.4
Dilatation
Dist. 90 Km.

eP 06:58:33.7
Distant shock

Jun.13 1968

eP 07:41:07.8
Distant shock

eP 08:50:06.0
eS 24.1
Dist. 160 Km.

eP 10:43:33.8
iS 49.5
Dist. 135 Km.

eP 12:16:18.3
Distant shock

14 eP 23:19:55
iS 20:08.5
Dist. 115 Km.

15 eP 01:49:10
eS 59.7
Dist. 475 Km.

eP 07:16:24.8
eS 22:18
eSS 25:29
eR 28:00
Dist. 39°

eP 14:12:22.5
eS 13:34.0
Dist. 695 Km.

eP 16:34:11.4
eS 36.0
Dist. 225 Km.

eP 21:02:04.6
eS 36.8
Dist. 300 Km.

eP 21:36:13.5
eS 38:23.8
Dist. 12°

16 eP 02:46:40.6
Distant shock

eP 05:04:12.5
eS 10:55.0
eSS 14:13.0
eR 17:(03.0)
Dist. 46.5°

Jun.16 1968

eP 19:23:55.1
eS 32:03
eR 38:47
Dist. 51½°

eP 19:41:49.6
e 51.4
eS 41.5
Dist. 500 Km.

eP 22:40:48.1
eS 41:01.2
Dist. 110 Km.

17 ePKP 12:12:51.0
ePP 16:15
eSKSP 26:05
e(SPP) 28:56
e 31:47
ePSS 36:04
eSSS 40:43
eQ 48:56
eR 13:02:17
Dist. about 146°

iP 15:04:30.3
iS 51.4
Dilatation from NE
Dist. 190 Km.

iP 16:11:00.6
iS 26.0
Dilatation from NE
Local
Dist. 235 Km.

eP 19:38:22.2
eS 43.4
Dist. 190 Km.

18 eP 02:32:18.4
e 33:12.6
iS 22.5
Dist. 620 Km.

eP 05:47:46.8
iS 48:12.3
Dist. 235 Km.

iP 07:48:53.6
iS 49:09.3
Compression from SE
Dist. 135 Km.

e(P) 10:26:48.0
i 49.4
i 52.5
iS 27:28.0
Dist. 380 Km.

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PROVISIONAL READINGS AT PELDEHUE

Jun.18 1968
eP 10:37:21.0
ePP 38:17
e 39:13
ePcP 40:13
e(SS) 43:38
Dist. about 30°

19
eP 11:56:15.0
iS 29.5
Dist. 125 Km.

eP 13:03:58.3
e 05:06.2
e 27.0
e 37.6

eP 20:00:43.7
e(PP) 59.8
e 03:16
eSS 42
eSSS 59.4
eR 05:19

20
eP 00:15:33.5
eS 52.4
Dist. 170 Km.

eP 00:34:24.3
eS 43.2
Dist. 170 Km.
Small

eP 02:05:29.5
iS 41.4
Dist. 100 Km.

eP 02:14:07.0
eS 32.4
Dist. 235 Km.

eP 02:44:31.0
eS 49:16
eSS 51:00
e(SSS) 54
eR 53:06.5
Dist. 29.5°

eP 08:24:20.0
eS 34.5
Dist. 125 Km.
Small

eP 13:34:55.7
eS 19.8
Small
Dist. 220 Km.

Jun.20 1968
eP 16:44:07.5
iS 18.5
Dist. 100 Km.

eP 16:44:07.8
iS 55.7
Dist. 460 Km.

eP 23:34:45.4
iS 55.5
Small
Dist. 80 Km.

21
eP 00:32:04.5
eS 37:07.6
eSS 38:37
e 39:49
eR 41:04
Dist. 31.5°

eP 03:00:32.6
eS 44.0
Small
Dist. 95 Km.

eP 06:28:25.5
eS 54.5
Dist. 270 Km.

eP 14:32:13.3
eS 26.0
Dist. 105 Km.

eP 15:51:28.0
eS 42.4
Dist. 125 Km.

eP 17:26:03.4
eS 30.0
Dist. 245 Km.

eP 19:35:40.9
eS 53.5
Dist. 105 Km.

eP 20:20:44.6
eS 21:00.3
Dist. 135 Km.

22
eP 00:46:22.3
iS 44.6
Dist. 155 Km.

eP 01:32:27.3
i 36.5
Distant shock

Jun.22 1968
eP 07:27:36.6
eS 54.0
Dist. 155 Km.

eP 09:29:32.2
eS 30:11.5
Dist. 375 Km.

iP 21:17:24.5
iS 48.2
Dilatation
Dist. 215 km.

23
eP 00:20:36.7
Distant shock

iP 08:36:03.7
iS 17.8
Dilatation from NW
Dist. 120 Km.

eP 11:30:12.1
Distant shock

iP 11:40:48.6
iS 41:07.1
Compression
Dist. 165 Km.

24
eP 00:02:12.4
Distant shock

iP 06:36:51.6
iS 37:14
Dilatation from NE
A.124.0 T 0,6
Dist. 205 Km.

iP 08:09:39.4
iS 57.7
Dist. 160 Km.
Compression from E

eP 13:26:43.8
eS 27:13.1
Dist. 270 Km.

eP 15:15:32.5
Distant shock

iP 22:39:25.1
iS 34.8
Dist. 80 Km.
Compression

iP 23:10:25.4
iS 38.2
Compression from NE
T 0.4 A 18.0
Dist. 110 Km.

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PROVISIONAL READINGS AT PELDEHUE

Jun.24 1968
eP 23:57:40.7
eS 58:43.1
Dist. 600 Km.

25 iP 12:21:41.6
iS 22:16.4
Dist. 330 Km.
Dilatation

eP 13:34:53.3
iS 35:18.6
Dist. 235 Km.

eP 19:14:14.5
eS 46.0
Dist. 295 Km.

eP 21:14:49.6
eS 15:09.5
Dist. 180 Km.

26 eP 04:59: 36.0
Distant shock

eP 05:45:46.7
e 46:33.2

eP 07:02:30.6
Distant shock

eP 07:40:51.2
Distant shock

eP 09:32:49.5
Distant shock

eP 10:43:42.2
Distant shock

iP 20:34:13.1
iS 26.3
Compression from SE
Dist. 110 Km.
T 0.5 A 11.5

eP 21:20:31.2
Distant shock

iP 21:37:52.1
iS 38:14.5
Compression
Dist. 205 Km.
T 0.4 A 10.7

eP 22:04:00.6
iS 33
Dist. 305 Km.
T 0.3 A 7.5

Jun.27 1968
eP 12:21:47.0
Distant shock

eP 18:27:37.6
eS 58.8
Dist. 190 Km.

eP 21:21:50.1
iS 22:06.8
Dist. 145 Km.

eP 22:29:52.3
Distant shock

28 eP 12:16:16.1
eS 31.6
Dist. 135 Km.

eP 18:22:44.8
eS 56.7
Dist. 100 Km.

eP 22:53:17.2
Distant shock

29 eP 07:57:32.1
eS 50.8
Dist. 265 Km.

eP 08:27:30.0
eS 46.1
Dist. 140 Km.

eP 15:39:07.0
Distant shock

iP 16:04:31.1
iS 48.4
Compression
Dist. 145 Km.

iP 21:45:33.7
iS 51.2
Dilatation from ENE
Dist. 155 Km.
T 0.4 A 56.5

30 iP 12:50:44.0
iS 51:10.5
Dilatation from NE
Dist. 245 Km.

iP 14:20:44.1
iS 21:06.1
Dilatation
Dist. 200 Km.

Jun.30 1968
iP 19:11:28.7
iS 12:05.1
Compression
Dist. 345 Km.
T 0.2 A 5.5

Jul.01 eP 01:37:57.6
Distant shock

eP 11:05:09.1
Distant shock

eP 11:14:13.2
Distant shock

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

May 26 1968 eP 04:08:10.1
eS 20.3
Dist. 82 Km.

27 eP 06:39:56.6

eP 13:07:49.5
eS 08:03.9
Dist. 125 Km.

29 eP 03:55:54.4
eS 59.5
Local

eP 04:18:47.2
eS 54.2
Dist.50 Km.

30 eP 05:12:15.3
eS 37.9
Dist. 200 Km.

eP 05:34:26.7
eS 36.7
Dist. 80 Km.

eP 08:55:15.4

eP 15:06:05.0

Jun.01 eP 02:09:14.9

03 eP 10:14:19.6
eS 46.8
Dist. 250 Km.

Jun.03 1968 eP 15:46:(21.5)

04 eP 07:11:10.3

07 iP 20:18:58.3
eS 07.7
Dist. 75 Km.

10 eP 21:15:31.5
eS 43.3
Dist. 100 Km.

12 eP 14:01:44
e 46.8

15 eP 21:02:06.6

16 eP 19:41:54.2

17 eP 15:04:31.8
eS 55.5
Dist. 215 Km.

eP 16:11:01.0
e(S) 31

18 eP 05:47:49.7
eS 48:18
Dist. 265 Km.

eP 10:26:(44.5)

19 eP 09:19:28.3

20 eP 02:05:31.6

Jun.20 1968 eP 16:44:11.4

23 iP 08:36:06.5
Dilatation

eP 17:06:10.9
e(S) 33.2

24 eP 06:36:55.5

eP 08:09:42.6

eP 23:10:27.0
iS 41.2
Dist. 120 Km.

26 iP 20:34:09.0
iS 19.5
Dist. 85 Km.
Compression

iP 21:37:48.2
iS 38:07.0
Dist. 170 Km.
Compression

29 iP 16:33:44.4
eS 34:02.6
Dist. 160 Km.
Compression

eP 21:45:35.0
eS 54
Dist. 170 Km.

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PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

May 28 1968 eP 13:46:25
eL 14:03:45

Jun.07 L 12:(37):--

iP 21:49:58.5
iS 50:12
Dist. 110 Km.

09 eP 00:28:00
eS 28:28
On minute mark
Dist. 260 Km.

Jun.18 1968 eP 10:26:26
eS 39
Dist. 150 Km.

19 eP 08:19:56
eS 24:53
Dist. about 29°

eP 19:59:47
eS 20:02:20
Dist. about 11.5°

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PROVISIONAL READINGS AT VALDIVIA

May 31 1968 iP 22:31:00
iS 06
Dist. 50 Km.

Jun.06 eP 12:49:00
eS 19
Dist. 160Km.

eP 12:56:28
eS 42
Dist. 110 Km.

eP 17:51:12
eS 31
Dist. 160 Km.

07 eP 21:50:24
eS 49
Dist.210 Km.

08 iP 06;46:08
eS 19
Dist. 90 Km.

09 eP 00:28:08
eS 35
Dist. 240 Km.

eP 10:07:01
iS 06.4
Dist. 40 Km.

Jun.11 1968 eL 11:49:30

12 eP 14:02:03
eSKS 12:32
Dist. 117°

eP 08:09:16
eS 28
Dist. 90 Km.

15 eP 07:17:15
e 28:15
Distant shock

16 eL 05:15:--

17 e(P) 02:49:57
eS 50:10

e(P) 10:27:11
e(S) 28:20

19 eP 06:17:53
eS 18:14

eP 08:20:21
e 24:36
eS 25:48
Dist. 34°

Jun.19 1968 eP 19:59:12
e(S) 20:00:35
L 01:--

20 eP 08:39:41
iS 48
Dist. 50 Km.

eP 09:22:36
e(S) 44

22 eP 22:23:00
e(S) 47

26 iP 23:56:46
iS 57:04.5
Dist. 150 Km.

30 iP 00:05:03.8
iS 08
Dist. 30 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jun.01 1968
eP 02:09:36.6
Local

eP 02:59:13.7
i 14.8
Local

e(P) 09:07:58
eS 08:37.0

iP 10:51:31.3
i 44.5
Near shock

eP 11:22:11.0
iS 44.3
Dist. 300 Km.

eP 12:55:09.0
eS 28.5
Dist. 170 Km.

eP 18:29:49.5
eS 30:28.0
Dist. 350 Km.

iP 20:53:12.0
eS 18.5
Dist. 60 Km.
Compression from NE

02 eP 00:08:56.6
eS 09:18.9
Dist. 190 Km.

eP 03:54:30
eS 55:03.4
Dist. about 300 Km.

eP 05:35:41.9
Distant shock

eP 06:46:31.9
eS 47:00.1
Dist. 250 Km.

eP 06:53:56.8
eS 54:29.4
Dist. 290 Km.

e(PKP)08:19:40.4

eP 11:42:21.6
Local

eP 12:28:23.9
eS 37.6
Dist. 110 Km.

Jun.02 1968
iP 13:16:25.9
iS 17:08.1
Dist. 390 Km.
Compression from ESE

iP 13:52:00.4
iS 39.2
Dist. 350 Km.
Compression from E

eP 15:14:21.7
eS 57.4
Dist. 320 Km.

03 eP 01:16:32.6
eS 46.4
i 48.8
Dist. 110 Km.

iP 06:52:54.1
iS 53:29.3
Dist. 310 Km.
Compression from E

eP 04:03:11.3
eS 36.2
Dist. 180 Km.

eP 09:03:53
eS 04:19.8
Dist. about 240 Km.

iP 09:54:11.7
iS 37.0
Compression from SE
Dist. 230 Km.

eP 10:16.5
eS 18:28.6

eP 10:34:00
e(S) 34:48.3

eP 15:47:10.7
e 31.2
i(S) 49:05.2

eP 17:15:27.3
eS 45.4
Dist. 150 Km.

04 eS 03:25:55.3

eP 07:27:46.5
eS 59.0
Dist. 100 Km.

Jun.04 1968
eP 07:38:20.7
eS 40.7
Dist. 170 Km.
Dilatation

eP 11:30:51.0
eS 31:12.2
Dist. 180 Km.

eP 19:42:37.9
eS 43:05.8
Dist. 250 Km.

05 eP 00:29:(01.1)
eS 39
Dist. 340 Km.

eP 00:33:55.1

eP 00:41:49.3
eS 42:14.3
Dist. 220 Km.

eP 03:30:37.0
e(S) 50.6

iP 03:39:17.8
iS 44.4
Dist. 240 Km.

eP 08:06:03.6
e(S) 19.2
i 32.6

eP 10:24:41.0
eS 51.2
Dist. 90 Km.

iP 11:21:39.0
e(S) 42.5
Compression

eP 12:01:42.7
iS 49.0
Dist. 60 Km.

eP 19:04:45.5
eS 05:22.2
Dist. 330 Km.

06 eP 03:31:46.3
eS 32:34.9
Dist. 460 Km.

iP 07:22:28.9
iS 57
Dist. about 250 Km.
Compression from SE

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.06 1968
eP 16:10:20.1
eS 30.8
Dist. 90 Km.

eP 17:04:23.8

eP 19:30:34.5
eS 49.3
Dist. 120 Km.

ePKP 21:36:56.8

07 eP 03:18:31.5
eS 49.3
Dist. 150 Km.

eP 04:33:17.7
eS 34:03.7
i 05.9
Dist. 430 Km.

eP 07:08:51
eS 09:40.7
Dist. about 480 Km.

e(P) 07:56:11
e 42.4
iS 56.2
Two shocks

iP 11:37:58.1
iS 38:05.2
Dist. 60 Km.
Dilatation

ePKP 12:17:22.2
e 29.9

eP 13:30:51
eS 31:28.2
Dist. 330 Km.

eP 17:16:01
e 10.7
e(S) 17:21.4
i 34.7

iP 17:34:15.4
iS 50.3
Dist. 310 Km.
Compression from N

eP 18:00:13.4
eS 39.6
Dist. 230 Km.

iP 19:00:01.6
iS 24.5
Compression from N
Dist. 200 KM.

Jun.07 1968
eP 19:27:44.6
eS 50.6
Dist. 50 Km.

eP 21:28:43.7
e(S) 29:35.1

ePKP 21:50:45.2
ePKS 54:16
eSKKS 22:01:26
eSS 14:00
eR 42.0
Dist. 152°

08 ePKP 03:04:28.0

eP 03:20:12.5
eS 42.5
Dist. 270 Km.

eP 03:32:41.4

eP 04:32:01.5
eS 37.8
Dist. 320 Km.

eP 05:49:17.0

eP 06:58:00.6
eS 21.2
Dist. 180 Km.

eS 07:07:39.0

eP 11:32:51.7
eS 25.7
Dist. 300 Km.

iP 15:45:20.5
iS 56.8
Compression from SE
Dist. 320 Km.

eP 17:41:26
eS 42:01.5
Dist. about 320 Km.

eP 21:14:28.5
PZ 0.06 u 1.0 sec.

eP 23:36:10.2
eSS 46:14
eSSS 50:54
eG 56:20
eR 00:00:12
Dist. about 76°
Doubtful interpretation

Jun.09 1968
eP 00:01:45.6
eS 02:19.6
i 22.0
Compression
Dist. 300 Km.

iP 01:26:11.7
iS 33
Dist. about 180 Km.
Compression from NNE

eP 10:29:35.4
eS 36:10
eG 39:42
eR 42.5
Dist. about 43°

eP 13:21:29.9

eP 13:30:19.3
eS 35.7
Dist. 130 Km.

eP 13:57:02.6
eS 09.1
Dist. 60 Km.

eP 14:21:53.0
eS 22:09.0
Dist. 130 Km.

eP 16:17:13.8
eS 52.7
Dist. 350 Km.

e(P) 17:56:08.8
eS 57:28.8

eS 19:31:33.3

eP 22:14:04
e(S) 29.2

10 eP 04:44:03.5
iS 23.2
Dist. 170 Km.

eP 06:29:22
eS 45.3
Dist. about 200 Km.

eP 08:14:13.7
eS 15:01.9
Dist. 450 Km.

eS 12:44:(29.7)

eP 16:41:29.8
eS 42:03.4
Dist. 300 Km.

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Jun.10 1968
e(P) 18:47:03.5
e(S) 48.7

iP 19:43:03.5
iS 46.2
Dist. 400 Km.
Compression from E

eP 21:48:50.2
eS 49:16.7
Dist. 240 Km.

11 eP 00:12:38.5
eS 13:02.7
Dist. 210 Km.

e(P) 01:09:56.9
eS 10:20.5

eP 01:27:14.7
eS 57.2
Dist. 390 Km.

eP 03:10:26.4
eS 49.6
Dist. 200 Km.

eP 03:27:54.5
eS 28:19.8
Dist. 220 Km.

eP 04:38:58.0

eP 06:00:01.3
e 47,8

eP 06:05:02.2
eS 25.6
Dist. 200 Km.

eP 07:19:35.5
eS 20:21.1
Dist. 430 Km.

eP 08:19:48
eS 20:09.7
Dist. about 190 Km.

iP 11:39:29.5
Dilatation

eP 11:50:03.6
eG 54:07
eR 55:10
Dist. about 20°

eP 11:52:33
eS 53:00.5
Dist. 250 Km.

Jun.11 1968
eP 13:10:59.1
eS 11:14.5
Dist. 120 Km.

eP 15:35:31

eP 17:21:37.3
eS 22:18.5
Dist. 380 Km.

eP 19:06:53.4
eS 07:29.8
Dist. 320 Km.

eP 19:48:59
eS 49:28.3
Dist. about 260 Km.

eP 21:05:23.9
eS 52.7
Dist. 260 Km.

eS 22:46:16.3

eS 22:50:42.4

12 eP 03:52:37.0
eS 58.7
Dist. 140 Km.

eP 09:24:02.4
eS 25.4
Dist. 200 Km.

iP 10:51:19.4
i 29.8

iP 12:24:29.8
iS 25:05.9
Compression from SE
Dist. 320 Km.

eP 12:49:37.2
eS 52.7
Dist. 130 Km.

eP 13:05:47.4
eS 58.8
Dist. 100 Km.

eP 13:19:38.4
i 36.3
i(S) 20:41

iS 14:19:22.0

iP 14:47:55.1
iS 48:17.1
Dist. 190 Km.

Jun.12 1968
iP 15:27:08.1
iS 36.4
Dist. 250 Km.

e(P) 18:11:46.1

eS 19:15:05.8

eP 19:25:24.2
eS 30.9
Dist. 60 Km.

eP 19:41:(10.3)
eS 48.9
Dist. about 350 Km.

eP 20:35:(30.8)

e(P) 22:17:(25.6)

eP 23:15:19.5
e(S) 52.0

13 iP 00:16:05.0
eS 23.7
Dist. 160 Km.

eP 00:24:34.0

eP 01:10:28.6
eS 45.1
i 52.9
Dist. about 140 Km.

eP 01:34:(15.0)
eS 24.1
Dist. about 80 Km.

e(P) 02:25:36.2

iP 02:42:54.6
iS 43:29.7
Dist. 310 Km.

eP 03:00:(51.2)
eS 01:49.5
Dist. about 550 Km.

eP 05:01:06.0
eS 30.7
Dist. about 220 Km.

eP 07:37:00.3
eS 38:37.5
Dist. 950 Km.

eP 07:40:04
eS 45:26
eG 46:50
eR 48:23
Dist. about 32°

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.13 1968
e(P) 11:13:20.0
eS 49.3

eP 11:22:04.0
eS 28.9
Dist. 220 Km.

eP 15:16:00.8
i 07.7

iP 18:28:26.8
iS 29:14.7
Compression from NE
Dist. 450 Km.

eP 18:44:19.5
eS 25.5
Dist. 60 Km.

iP 19:46:49.4
iS 58.7
Dist. 90 Km.
Compression from N

iP 21:30:20.0

14 eP 00:02:45.2
eS 03:10.4
Dist. 220 Km.

eP 10:37:38
eS 38:34.4
Dist. about 540 Km.

eP 12:12:23.9

eP 18:50:47.4
eS 51:12.0
Dist. 220 Km.

eP 20:14:47.7
eS 15:25.9
Dist. 340 Km.

eP 22:06:37.1
eS 51.9
Dist. 120 Km.

eS 23:58:18.0

15 eP 03:29:17.4
eS 37.9
Dist. 180 Km.

eP 03:51:03.3

iP 07:15:11.0
i(PP) 56.1
eS 20:24
eG 21:51
eR 23:56
Dist. about 32°
Compression from N

Jun.15 1968
eP 07:35:14.4
eS 49.3
Dist. 310 Km.

iP 08:23:56.2
iS 24:16
Dist. about 170 Km.
Compression from N

eP 10:29:05.4
iS 11.5
Dist. 60 Km.

iP 14:11:41.7
Compression

eP 17:06:36.1
eS 59.5
i 07:03.2
Dist. 200 Km.

eP 20:12:51.4

eP 20:35:13.0
iS 34.9
Dist. 190 Km.

eP 21:03:10.8
e 23.9
e(S) 04:47.4

eP 21:34:37.2
i 37.7
i(S) 35:35

eP 23:50:48.7
eS 51:10.7
Dist. 190 Km.

16 e(PKP) 02:46:45.1

eP 05:04:45.4

iP 08:42:36.9
iS 43:15.3
Dist. 340 Km.
Compression from ESE

eP 15:28:21.6
eS 52.8
Dist. 280 Km.

eP 15:34:11
eS 24,0
Dist. about 110 Km.

eP 19:24:42.6
eS 33:33
eSS 37:41
eG 41.0
eR 45.0
Dist. 66°

Jun.16 1968
iP 19:37:27.6
iS 38:07.4
Dist. 360 Km.
Compression from NE

e(P) 19:42:08
e 14.1
e(S) 43:09.1
i 25.4

eP 23:35:38.7
iS 36:14.1
Dist. 320 Km.

17 eP 01:45:24.8
eS 46:12.7
Dist. 450 Km.

e(P) 02:23:13
e(S) 34.3

eP 02:27:40.8
eS 28:18.7
Dist. 340 Km.

iP 03:23:53.7
iS 24:11.5
Compression from ESE
Dist. 150 Km.

eP 04:18:51
eS 19:19.5
Dist. about 260 Km.

eP 12:12:42.7
i 56.4
Distant shock

eP 12:48:36.4
eS 49:14.6
Dist. 340 Km.

iP 15:07:46.6

eP 16:12:09.3
e(S) 13:34.0

ePKP 17:15:59.5

eP 17:43:05.8
eS 43:22.0
Dist. 130 Km.

ePKP 19:17:15.6

iP 21:45:13.5
iS 17.6
Compression from N
Dist. 40 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.17 1968
iP 21:48:15.2
iS 31.3
Dist. 130 Km.
Dilatation from N

18 eP 02:32:22
e 27.8
Local

eP 05:28:26
eS 29:17.4
Dist. about 480 Km.

eP 06:53:43
eS 54:07.9
Dist. about 210 Km.

iP 07:30:06.9
iS 46.6
Dist. 360 Km.
Compression from N

iP 11:35:24.5
iS 49
Dist. about 220 Km
Compression from NE

eP 13:21:47.1
Local

19 iP 01:30:55.8
iS 31:(10.3)
Dist. about 120 Km.
Compression from NE

iP 05:00:58.7
iS 01:(38.8)
Dist. about 320 Km.
Compression from SE

iP 08:08:58.2
eS 09:16.1
Dist. 150 Km.
Compression

iP 08:17:58.2
Compression from NW

eP 13:03:27.2
e(S) 04:05.7
i 22.4

eP 13:59:00.1
iS 21.2
Dist. 180 Km.

eP 18:00:25.2
e(S) 01:04.5

Jun.19 1968
iP 20:02:42.0
e(S) 06:34
e(R) 08:13
Dist. about 21°

eP 22:30:46.4
eS 31:08.7
Dist. 190 Km.

eP 23:44:23.0
eS 54.2
Dist. 280 Km.

20 eP 00:16:19.4
e(S) 49.5

eP 00:59:36.3
e(S) 01:00:03.6

eP 01:28:40.5
eS 29:04.1
Dist. 210 Km.

eP 02:43:02.7
eS 46:46
eR 48:--
Dist. about 21°

eP 03:46:26
Local

eP 07:04:54
eS 05:26.2
Dist. about 290 Km.

eP 08:15:37.1
eS 19:18
eR 21:16
Dist. about 20°

iP 08:23:17.6
iS 56.1
Dist. 350 Km.
Compression

eP 08:58:31.1
eS 52.1
Dist. 180 Km.

eP 12:59:31
eS 55.6
Dist. about 220 Km.

eP 15:56:21.6
eS 16:00:08
eR 02.0
Dist. about 21°
Compression

Jun.20 1967
eP 16:44:14
e 15.6
Local

eP 21:49:15
e(S) 50:20.1

21 eP 00:30:33.3
eS 34:20
eR 36:15
Dist. about 21°

eP 03:36:57
eS 37:27.2
Dist. 270 Km.

eP 16:20:50.8
iS 57.2
Dist. 60 Km.

iP 16:38:44.5
Compression from NE
Local

iP 21:32:34.3
iS 33:10.5
Dist. 320 Km.
Compression from NE

22 iPKP 01:32:15.5
Compression

iP 04:30:30.6
iS 31:32.4
Dilatation
Dist. 590 Km.

iP 06:39:47.6
iS 40:16.7
Dist. 260 Km.
Compression

iP 10:01:50.4
iS 02:12.6
Dist. about 190 Km.
Compression from NE

eP 18:09:56.7
eS 10:35.4
Dist. 350 Km.

eP 18:26:52
eS 27:00.9
Dist. about 80 Km.

eP 21:14:34.9
eS 40.6
Dist. 50 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.22 1968
eP 23:18:22.7
eS 31.7
Dist. 80 Km.

e(P) 23:19:27.3
e(S) 35.8

23 eP 02:31:(48.8)
eS 32:21.5
Dist. about 300 Km.

eP 05:07:19.7
eS 47.9
Dist. 250 Km.

iP 09:20:11.9
iS 44.0
Dist. 290 Km.
Compression from N

eP 11:28:13.9
i 14.2
i(S) 29:41.0

e(P) 15:47:29.3
eS 48:34.2

eP 22:10:34
e 11:12.2
e(S) 20.5

24 eP 04:29:09.1
iS 24.6
Dist. 130 Km.

eP 06:38:30
eS 40:(08)
Dist. about 660 Km.

eP 08:01:36.4
iS 58.5
Dist. 190 Km.

eP 09:29:29.5
eS 55.6
Dist. 230 Km.

eP 10:55:44.7
eS 56:21.1
Dist. 320 Km.

eP 13:45:08.5
eS 30.3
Dist. 190 Km.

iP 14:10:27.8
Local

Jun.24 1968
eP 14:56:47
eS 57:15.0
Dist. 250 Km.

eP 15:14:37.3
i 40.7
e(S) 15:12.0

From 24 at 16:00 to 25 at 15:00 no records in Z and N-S-SP and LP. Records obtained from EW seismograms.

eP 16:20:55.3
eS 21:12.2
Dist. 140 Km.

eP 18:38:02.0
eS 08.2
Dist. 60 Km.

25 eP 01:44:34.3
eS 45:13.7
Dist. 350 Km.

eP 01:57:56.6
eS 58:21.1
Dist. 220 Km.

e(P) 04:38:31
eS 39:15

eP 07:31:14.0
eS 31.4
Dist. 140 Km.

eP 09:15:(28.3)
eS 33.6
Dist. 50 Km.

eP 17:51:25.9
eS 41.0
Dist. about 120 Km.

eP 19:33:51.8
eS 34:30.2
Dist. 340 Km.

eP 21:30:47
eS 31:19.0
Dist. about 290 Km.

eP 22:10:38
e(S) 11:16.5

Jun.25 1968
eP 23:45:21.4
eS 38.4
Dist. 140 Km.

eP 23:53:04.1

26 eP 01:54:41.0
eS 02:04:54
eSS 10.3
eR 21:48
Dist. about 82°

eP 04:10:05.1
eS 39.9
Dist. 310 Km.

eP 04:58:09.6
e 09.8
eS 02:15
eSS 03:16
eR 04:32
Dist. about 24°

eP 05:37:03.8
eS 19.3
Dist. 130 Km.

eP 07:03.0
eS 04:03.6

eP 07:40:17.3
e(S) 41:25.5

eP 10:43:29.8
e 43.5
Distant shock

iP 11:51:05.4
iS 39.1
Dist. 310 Km.
Compression from N

No records from 27 at 14:56 to 28 at 14:25.

28 eP 19:04:48.7
eS 05:37.5
Dist. 460 Km.

eP 20:12:00
eS 13.6
Dist. about 110 Km.

eP 20:17:44.8
eS 18:14.7
Dist. 270 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jun.28 1968
eP 20:28:(58.5)
e(S) 29:27.8

iP 20:51:21.7
iS 56.9
Dist. 310 Km.
Compression from S

29 iP 02:28:42.3
iS 29:27.5
Dist. 420 Km.
Compression

eP 04:28:15.0
eS 42.8
Dist. 250 Km.

From 05:30 to 15:00
no records in SP-Z
lamp failure.

eP 05:52:23.3
eS 53:05.3
Dist. 390 Km.

eP 06:15:12.3
eS 52.0
Dist. 360 Km.

eP 17:17:04.7
eS 09.0
Dist. 40 Km.

eP 17:22:11.0
eS 16.5
Dist. 50 Km.

eP 19:42:12.9
eS 26.8
Dist. 110 Km.

eP 23:04:01.8
eS 36.6
Dist. 310 Km.

eP 23:44:17.9
eS 54.3
Dist. 320 Km.

30 iP 02:34:46.6
iS 59.3
Dist. 100 Km.
Dilatation from SE

e(P) 03:10:34
e 40.7
e(S) 11:09.2

eP 04:38:13.1
eS 49.2
Dist. 320 Km.

Jun.30 1968
eP 06:20:27.9
eS 21:04.0
Dist. 320 Km.

eP 06:46:01.2
eS 15.2
Dist. 110 Km.

ePKP 09:55:03.6

eP 12:47:33.1
eS 48:05.6
Dist. 300 Km.

e(PKP) 15:08:24.1

eP 16:58:35.9
eS 57.4
Dist. 190 Km.

eP 17:07:41.2
eS 08:03.6
Dist. 190 Km.

eP 17:17:34.4
eS 55.8
Dist. 180 Km.

eP 22:46:45
eS 47:17.5
Dist. about 300 Km.

Jul.01 1968
eP 01:01:43.1
eS 55.1
Dist. 100 Km.

Y. Franulic
SEISMOLOGIST

3 OCT 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jul.01 1968
iP 13:34:10.4
eS 19.3
Dilatation
Dist. 70 Km.

eP 21:27:12.6
Distant shock

02
eP 03:54:35.7
eS 04:02:32
eG 09:35
Dist. 57.5°

eP 04:43:33.5
i 50.5
Distant shock

iP 05:21:01.0
iS 18.6
Dist. 156 Km.
Dilatation
T 0.6 A 12.5

eP 06:45:40.6
Distant shock

eP 09:07:38.1
iS 08:06.3
Dist. 260 Km.
T 0.5 A 18.7

iP 16:16:19.1
iS 33.3
Compression
Dist. 120 Km.
Small

iP 20:50:48.4
iS 51:14.4
Compression
Dist. 240 Km.

03
eP 00:15:26.8
Distant shock

eP 12:24:20.0
Distant shock

04
iP 00:50:22.4
iS 36.2
Compression
Dist. 120 Km.
T 3.9 A 0.2

Jul.04 1968
iP 21:59:44.6
iS 46.7
Compression
Local
Small

05
eP 11:48:07.0
Distant shock

iP 14:37:54.7
iS 12.4
Dilatation from SE
Dist. 155 Km.
T 0.3 A 11.0

06
iP 03:46:56.6
iS 47:05.7
Compression
Dist. 70 Km.

iP 06:39:15.4
iS 37.4
Compression
Dist. 200 Km.
Small

iP 13:31:53.1
iS 32:04
Compression from NW
Dist. 90 Km.

eP 14:25:14.6
Distant shock

07
eP 05:50:14.2
eS 55:28
Dist. 32.5°

iP 13:37;13.4
eS 38:44
Dilatation from NE
Dist. 930 Km.
T 0.3 A 7.5

eP 17:15:31.2
eS 47.0
Dist. 140 Km.
Small

eP 23:14:34.8
Distant shock

Jul.08 1968
iP 02:35:48.2
eS 36:11.2
Compression
Dist. 210 Km.

eP 03:55:39.2
eS 55.3
Dist. 140 Km.
Small

eP 05:24:37.6
iS 25:09.1
Dist. 295 Km.

iP 12:15:42.0
iS 53.2
Dilatation from NW
Dist. 90 Km.
T 0.1 A 4.0

eP 18:20:08.2
Distant shock

09
eP 00:10:17.6
Distant shock

eP 02:41:18.4
Distant shock

eP 03:51:06.6
Distant shock

eP 04:17:22.9
Distant shock

iP 05:24:51.7
iS 25:10.0
Dilatation
Dist. 165 Km.
From NNE
T 0.2 A 10.5

eP 16:16:06.1
Distant shock

iP 22:14:42.6
iS 15:02.5
Dist. 180 Km.
Compression from SW
T 0.3 A 14.0

C. Gallardo
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jul.02 1968 iP 05:21:02.8
Compression

eP 09:07:34.8
iS 57.6
Dist. 220 Km.

03 iP 19:19:02.8
Compression

04 iP 00:50:19.4
iS 31.6
Compression
Dist. 100 Km.

Jul.06 1968 iP 13:31:58.0

07 eP 13:37:16.6
Distant shock

09 iP 22:14:39.3
iS 56.0
Dist. 145 Km.
Compression

C. Gallardo
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jun.11 1968 e 22:40:33

18 eP 10:26:26
eS 39
Dist. 105 Km.

Jun.19 1968 eP 08:19:56
eS 24:53
Dist. about 29°

eP 19:59:47
eS 20:02:20
Dist. 11.5°

Jun.24 1968 eP 23:56:53.5
eS 57:24
Dist. 285 Km.

A. Sickinger
Seismologist

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jul.02 1968 iP 10:59:00
iS 06.5
Dist. 50 Km.
Felt III at Valdivia

07 eP 08:50:45
eS 53
Dist. 60 Km.

Jul.08 1968 e 18:19:45

iS 23:02:05.5
Local

eP 23:20:16
eS 33
Dist. 140 Km.

Jul.09 1968 e(P) 03:51:03
e(S) 19

e(P) 04:19:16
e(S) 31

R. Schulz
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jul.01 1968 eP 01:38:46.5
eS 39:14.2
Dist. 250 Km.

eP 05:02:(59.0)
eS 03:06.5
Dist. about 70 Km.

Jul.01 1968 eP 05:53:02.7
eS 53:06.8
Dist. 40 Km.

ePKP 11:04:54.9

e(P) 13:23:07
eS 22.6

Jul.01 1968 iP 16:15:13.2
iS 54.3
Dilatation from N
Dist. 370 Km.

eP 17:41:57.0
eS 42:43.0
Dist. 430 Km.

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Jul.01 1968
eP 20:39:(35.5)
eS 40:01.1
Dist. about 230 Km.

02 eP 00:25:07.7
e(S) 26:27.3

eP 03:17:30.7
iS 54.4
Dist. 210 Km.

eP 03:53:41.9
i 57.0
e(S) 04:01:00

eP 06:44:43.1
eS 45:06.3
Dist. 200 Km.

eP 07:24:56.0
eS 25:37.5
Dist. 390 Km.

iP 12:09:00.0
iS 36.5
Compression from E
Dist. 330 Km.

eP 13:04:10.0
eS 25.3
Dist. 120 Km.

eP 17:48:08.5
eS 20.0
Dist. 100 Km.

eP 20:14:59
eS 15:17.5
Dist. about 160 Km.

eP 20:37:51.5
eS 38:11.2
Dist. 170 Km.

03 eP 00:15:23.7
eS 16:18.7
Dist. 530 Km.

eP 00:26:13
eS 35.6
Dist. about 190 Km.

eP 00:55:26.6
eS 56:06.5
Dist. 360 Km.

Jul.03 1968
eP 02:47:59.9
eS 48:06.2
Dist. 60 Km.

e(PKP) 02:59:28.3

eP 04:13:01.5
eS 41.3
Dist. 360 Km.

eP 04:31:35.5
eS 32:12.3
Dist. 330 Km.

iP 12:22:16.3
iS 42
Dist. about 230 Km.
Compression from NNE

iP 12:43:07.8
iS 12.5
Dist. 40 Km.
Compression

eP 15:39:30.5
i 31.1
Local

eP 19:33:50.3
eS 56.5
Dist. 60 Km.

eP 19:46:29.1
Local

eP 20:16:03.4
eS 23.3
Dist. 170 Km.

04 eP 01:26:41.7
eS 27:11.8
Dist. 270 Km.

eP 04:30:34.8
eS 31:11.5
Dist. 330 Km.

eP 06:59:09
eS 32.5
Dist. about 210 Km.

eP 08:00:33.3
eS 38.4
Dist. 50 Km.

eP 09:15:34.9
eS 52.1
Dist. 140 Km.

Jul.04 1968
eP 17:38:09.4
eS 14.1
Dist. 40 Km.

eP 23:40:19.2
eS 36.3
Dist. 140 Km.

05 iP 01:34:30.5
Compression
Local

eP 03:08:29.3
e(S) 48.5

iP 10:18:22.4
eS 19:02.7
Dist. 360 Km.
Compression from NE

eP 10:33:42.0
e(S) 34:22.9

eP 10:47:15.1
eS 36.6
Dist. 190 Km.

ePKP 11:47:55.2

iP 16:31:54.5
iS 32:33.9
Dist. 350 Km.
Compression from SSE

eP 17:11:40.2
e(S) 58.7

e(P) 17:33:12.5
eS 54.2

eP 20:03:01.8
eS 39.5
Dist. 340 Km.

eP 22:50:46.9
eS 51:29.7
Dist. 400 Km.

e(P) 22:56:12.6
e(S) 57:23.9

06 e(P) 00:05:24.4
eS 06:13.5

eP 00:58:38.8
e(S) 47.9

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PROVISIONAL READINGS AT ANTOFAGASTA

Jul.06 1968
eP 03:31:52.1
e(S) 32:25.1

eP 03:41:03.5
eS 43.7
Dist. 360 Km.

e(P) 05:26:40.6
eS 54.5

eP 12:11:11.8
e(S) 29.3

eP 12:18:15.0
eS 58.3
Dist. 400 Km.

eP 13:18:48.8
e(S) 19:29.4

eP 14:59:04.0
eS 53.9
Dist. 470 Km.

eP 16:14:30.0
eS 48.5
Dist. 160 Km.

eP 18:40:49.4
eS 55.0
Dist. 50 Km.

eP 22:05:29.6
eS 06:05.4
Dist. 320 Km.

07 eP 01:32:43.5
eS 33:23.8
Dist.360 Km.

eP 02:38:22.7
eS 42.6
Dist. 170 Km.

eP 03:18:37.2
eS 19:14.2
Dist. 140 Km.

eP 04:07:21.6
eS 37.9
Dist. 130 Km.

iP 08:48:31.2
i(S) 49:07
Compression from NNE

Jul.07 1968
iP 10:13:14.9
i(S) 24
Compression

eP 10:32:31.6
eS 45.3
Dist. 110 Km.

eP 11:00:11.6
Local

eP 11:14:01.2
Local

eP 13:35:59.1
Distant shock

eP 13:36:55.6
i(S) 37:50

eP 13:57:01.6
eS 37.8
Dist. 320 Km.

eP 23:52:32.2
eS 56.0
e(R) 58.0
Dist. about 19°

08 eP 04:21:53.7
iS 22:19
Dist. about 230 Km.

ePKP 08:21:27.8

eP 12:03:32.4
eS 58.6
Dist. 230 Km.

e(P) 18:03:19.0
e(S) 04:10.2

eP 18:14:50.0
eS 15:27.7
Dist. 340 Km.

e(P) 19:52:35.2
Local

eP 21:26:26.6
eS 33.0
Dist. 60 Km.

ePKP 21:44:38.4

09 iP 00:08:47.6
iS 09:08.8
Dist. 180 Km.
Compression from SE

Jul.09 1968
eP 00:40:49.4
Local

iP 02:39:25.7
iS 44.4
Dist. 160 Km.
Compression from NE

Y. Franulic
Seismologist.

RICHMOND & TWICKENHAM
1 OCT
1968
A

925

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SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh. 9.

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jul.10 1968
eP 01:00:21.5
Distant shock

iP 03:58:43.5
iS 56.7
Dist. 110 Km.
Compression from ENE
T 0.5 A 20.5

iP 06:36:52.6
iS 37:34
Dist. 395 Km.
Compression
T 0.2 A 10.0

eP 11:32:45.7
Distant shock

eP 22:20:44.5
Distant shock

eP 23:17:32.8
Distant shock

11 iP 10:09:21.0
iS 44.8
Compression from NE
Dist. 220 Km.
T 0.1 A 9.0

eP 23:20:28.4
Distant shock

12 eP 01:04:30.7
Distant shock

eP 01:18:29.2
i 30.8
eS 47.3
Dist. 160 Km.
Small

Jul.12 1968
eP 01:57:00.2
iS 22.4
Dist. 200 Km.
Small

eP 04:16:14.6
Distant shock

eP 20:06:54.3
Distant shock

eP 23:06:46.8
Distant shock

13 eP 00:29:55.4
Distant shock

iP 01:43:15.3
iS 41.0
Dilatation from NE
Dist. 225 Km.
T 0.3 A 8.3

iP 19:51:01.3
iS 13.3
Compression
Dist. 100 Km.
Small

14 iP 07:56:15.8
iS 28.5
Dilatation from SW
Dist. 105 Km.

eP 15:45:39.8
Distant shock

eP 21:28:26.2
Distant shock

Jul.14 1968
iP 22:24:33.9
iS 47.1
Dilatation from N
Dist. 110 Km.
T 0.2 A 14.8

15 eP 01:50:28.7
iS 50.7
Dist. 200 Km.
Small

eP 06:46:21.6
eS 38.8
Dist. 150 Km.
Small

iP 14:25:08.2
iS 19.3
Compression
Dist. 10 Km.
Small

eP 15:12:23.2
Distant shock

16 iP 08:24:27,4
iS 55.6
Dilatation from NE
Dist. 260 Km.
T 0.3 A 4.5

C. Gallardo
Seismologist.

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jul.10 1968
iP 03:58:42.6
iS 54.9
Dist. 105 Km.
Compression

iP 06:36:57.3

Jul.13 1968
iP 01:43:19.2
iS 47.5
Dilatation
Dist. 260 Km.

14 iP 07:56:13.4
eS (24)
Dist. about 90 Km.
Dilatation

Jul.14 1968
eP 22:24:37.2

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jul.10 1968
e 06:40:37
iP 08:47:28
i 31.6
iS 39.8
Dist. 100 Km.

Jul.10 1968
eP 23:06:52
iS 56.5
Dist. 30 Km.

Jul.14 1968
eP 07:58:35
e(S) 08:00:09

15 eS 09:30:22

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jul.09 1968
iP 15:32:12.0
iS 57.8
Dist. 430 Km.
Compression from SW

iP 16:14:23.2
iS 38
Dist. about 120 Km.
Dilatation from SE

10 eP 02:32:49.9
eS 33:27.4
Dist. 340 Km.

e(P) 06:37:49.7
e 38:02.2
iS 39:28.9

eP 08:28:13.9
eS 42.0
Dist. 250 Km.

eP 08:31:08.1
i 08.4
eS 46.1
Dist. 340 Km.

e(P) 10:13:39.8
eS 14:14.1

eP 11:33:(52.1)
e(S) 35:19.1

eP 20:25:08.7
e(S) 26:00.0

ePKP 21:00:16.6

11 eP 00:30:08.3
eS 44.3
Dist. 320 Km.
Compression

Jul.11 1968
eP 01:54:48.8
eS 55:35.5
Dist. 440 Km.

iP 02:17:36.0
eS 18:24.2
Dist. 450 Km.
Compression

eP 08:30:51.6
eS 31:37.6
Dist. 430 Km.

eP 14:00:53.6
e 01:08.9
e 20.4
e(S) 30.9

eP 19:52:01.6
eS 07.5
Dist. 50 Km.

eP 21:50:08.5
eS 26.2
Dist. 150 Km.

12 ePKP 01:04:21.1
eSKSP 18:04
eSS 27:00
eR 53:00
Dist. 148°

eP 03:12:(15.4)
eS 49.4
Dist. about 310 Km.

ePKP 04:16:11.1

eP 09:31:59.3
Distant shock

eP 12:19:18.8
eS 44.8
i 20:09.0
Dist. 230 Km.

Jul.12 1968
eP 17:21:18.1
eS 22:00.0
i 03.3
Dist. 390 Km.

eP 18:52:48.5
eS 53:14.6
Dist. 230 Km.

13 eP 01:44:30
e(S) 46:08.4

eP 04:46:48.6
eS 47:08.2
i 15.4
Dist. 170 Km.

eP 05:27:38.6
eS 51.8
Dist. 110 Km.

eP 05:34:56.6
iS 35:(25.8)
Dist. about 260 Km.

eP 05:52:48.0
eS 53:27.1
Dist. 350 Km.

eP 17:26:01
eS 22.5
Dist. about 180 Km.

eP 20:06:37.8
eS 07:06.0
Dist. 250 Km.

14 eP 01:02:41.8
eS 49.8
Dist. 80 Km.

eP 03:19:11.4
eS 50.7
Dist. 350 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jul.14 1968 e(P) 04:03:23.7
Distant shock

eP 06:27:43
Local

eP 07:58:36.9
e(S) 08:00:32.8

eP 09:07:(28.4)
eS 08:09.8
Dist. about 380 Km.

eP 15:47.5
eS 48:11.9

eP 18:38:09.4
eS 46.1
Dist. 330 Km.

Jul.14 1968 eP 19:03:44.2
eS 57.1
Dist. 110 Km.

iP 21:26:27.8
iS 27:02
Dist. 310 Km.
Compression from ESE

15 eP 03:42:34.6
e(S) 53.5

eP 13:12:17.3
eS 32.5
Dist. 120 Km.

eP 13:46:20.5
eS 59.5
Dist. 350 Km.

Jul.16 1968 eP 02:29:(01.5)
i 02.0
e(S) 34.2

eP 02:39:14.5
e(S) 34.7

Y. Franulic
Seismologist.

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SUMMARY
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OCT 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jul.16 1968
iP 18:41:49.8
iS 52.6
Compression from W
Local
Small

iP 19:54:37.3
e 44.5
iS 55:33.0
Compression from N
Dist. 535 Km.
T 0.6 A 4.5

iP 22:04:45.6
iS 58.1
Compression from NNW
Dist. 105 Km.
T 0.6 A 11.5

17 iP 02:23:31.8
iS 54.2
Compression
Dist. 205 Km.
Small

eP 09:24:10.8
Distant shock

iP 09:24:24.5
iS 37.6
Compression
Dist. 110 Km.
T 0.3 A 8.5

iP 14:42:54.2
iS 43:07.2
Dilatation
Dist. 110 Km.
T 0.2 A 3.0

iP 20:32:47.5
iS 56.7
Compression
Dist. 70 Km.
Small

iP 23:58:03.8
iS 13.4
Compression
Dist. 75 Km.
T 0.5 A 11.0

18 eP 00:44:58.7
Distant shock

iP 13:57:02.3
iS 26.5
Compression
Dist. 220 Km.

Jul.18 1968
eP 16:48:36.3
Distant shock

eP 17:30:30.6
Distant shock

eP 19:46:02.7

eP 20:26:37.7
iS 52.7
Dist. 130 Km.
Small

19 eP 05:16:09.7
Distant shock

iP 10:38:58.2
iS 39:17.6
Dilatation from NNW
Dist. 175 Km.
T 0.5 A 23.2

eP 10:49:32.6
Distant shock

iP 11:10:01.2
iS 11.1
Dilatation from SE
Dist. 80 Km.

20 eP 16:36:02.0
Distant shock

iP 16:49:22.0
iS 41.6
Compression
Dist. 75 Km.
T 0.2 A 4.5

21 eP 05:43:00.9
Distant shock

iP 22:32:46.1
iS 33:04.0
Dilatation
Dist. 160 Km.

22 eP 00:01:32.0
Distant shock

eP 04:25:23.5
Distant shock

eP 05:18:36.1
eS 26:17
eR 31:50
Dist. 55°

Jul.22 1968
iP 14:24:17.5
iS 42.3
Dilatation
Dist. 230 Km.

iP 21:06:00.4
iS 19.2
Dilatation
Dist. 170 Km.
T 0.6 A 22.5

23 eP 07:04:46.8
eS 05:19.9
Dist. 210 Km.

C. Gallardo
Seismologist.

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jul.16 1968 eP 19:54:41.8
Distant shock

Jul.17 1968 iP 09:24:22.5
iS 34
Dist. 95 Km.

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jul.09 1968 eP 03:50:13
eS 30
Dist 140 Km.

Jul.09 1968 eP 04:18:27
eS 44
Dist. 140 Km.

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jul.16 1968 eP 09:55:49.3
eS 54.8
Dist. 50 Km.

eP 19:55:09
e 28.5
e(S) 56:47.1

eP 22:09:15.4
eS 10:01.5
Dist. 440 Km.

17 iP 05:06:46.2
iS 07:21.6
Dist.310 Km.
Compression from E

eP 05:17:01.7
eS 28.2
Dist. 240 Km.

eP 05:43:51.7
Compression

eP 09:21:(57.2)
eS 22:24.9
Dist. about 250 Km.

eP 13:14:42.1
eS 15:08.6
Dist. 240 Km.

eP 14:55:17.8
iS 53.9
Dist. 320 Km.

18 e(PKP) 00:46:17.0

eP 14:42:(32.1)
eS 43:45.8
Dist. 710 Km.

Jul.18 1968 eP 15:32:07.0
eS 27.7
i 29.6
Dist. 180 Km.

eP 18:05:30
eS 06:05.7
Dist. about 320 Km.

19 eP 06:18:32.7
iS 19:13.6
Dist. 380 Km.

eP 06:36:27.8
i(S) 54.8

eP 12:36:35.5
eS 37:18.3
Dist. 400 Km.

iP 13:03:21.0
iS 54.0
Dist. 300 Km.
Compression from NE

eP 13:06:26.1
iS 07:02.8
Dist. 330 Km.
Compression from NW

eP 15:00:58.8
eS 01:14.1
Dist. about 120 Km.

eP 17:57:17.1
eS 53.5
Dist. 320 Km.

eP 18:44:14.6
eS 22.5
Dist. 70 Km.

Jul.19 1968 iP 19:44:27.3
i(S) 42
Dilatation from SW

eP 21:59:21.3
iS 48.7
Dist. 240 Km.

eP 23:26:42.4
eS 52.2
Dist. 90 Km.

20 eP 00:17:(28.2)
eS 18:04.5
Dist. about 320 Km.

eP 04:18:47.1
eS 19:24.4
Dist. 330 Km.

eP 06:32:31.7
eS 53.1
Dist. 180 Km.

eP 09:19:37.5
eS 55.4
Dist. 150 Km.

eP 16:36:18
eS 37:15.8
Dist. about 540 Km.

eP 17:03:25.4
eS 47.8
Dist. 190 Km.

e(P) 18:29:20
eS 35.4

eP 20:24:51.7
eS 57.8
Dist. 50 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jul.21 1968
e(P) 04:06:10
eS 48.3

iP 05:41:37.0
iS 42:08.5
Compression from SE
Dist. 290 Km.

e(P) 06:42:30.5
eS 39.5

e(P) 11:06:56.9
eS 07:12.1

e(P) 15:18:42.8
e(S) 19:08.8

Jul.21 1968
eP 16:48:(31.7)
Local

22 e(PKP) 00:33:35.6

eP 05:19:30.8
eS 27:45
eG 34:34
eR 38:09
Dist. about 61°

eP 05:40:04.3
eS 36.7
Dist. 290 Km.

eP 09:29:40.5
eS 30:03.2
Dist. 190 Km.

Jul.22 1968
iP 13:18:32.6
eS 45.9
Dist. 110 Km.
Compression from NE

eP 14:12:09
eS 30.2
Dist. about 180 Km.

Y. Franulic
SEISMOLOGIST

RICHMOND & TWICKENHAM
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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jul.23 1968
eP 14:45:08.2
eS 25.0
Dist. 150 Km.
Small

eP 15:29:57.1
iS 30:10.7
Dist. 115 Km.

eP 18:38:25.2
Distant shock

eP 21:46:47.2
eS 47:49.7
Dist. 605 Km.

24 eP 08:49:27.1
iS 37.8
Dist. 85 Km.
Small

iP 19:20:36.8
iS 21:01.4
Dilatation from NNE
T 0.5 A 20.0
Dist. 225 Km.

eP 19:53:57.2
Distant shock

iP 20:10:21.8
iS 24.5
Compression
Local

25 eP 05:48:21.5
eS 55.8
Dist. 325 Km.

eP 07:35:45.5
Distant shock

eP 17:25:06.4
Distant shock

26 iP 05:45:09.5
iS 44.5
Compression from SW
Dist. 330 Km.
T 0.6 A 120.0

iP 15:57:37.3
iS 40.6
Compression from W
Local

Jul.26 1968
iP 16:31:30.7
iS 49.5
Compression from NNW
Dist. 170 Km.
T 0.5 A 43.0

eP 17:16:31.0
Distant shock

27 iP 14:19:30.4
iS 42.0
Dilatation from NE
Dist. 95 Km.
T 0.3 A 18.3

iP 14:45:21.4
iS 37.0
Compression
Dist. 135 Km.
T 0.2 A 7.0

eP 17:30:00.6
Distant shock

28 eP 11:08:57.2
Distant shock

eP 12:49:05.0
eS 19.6
Dist. 125 Km.
Small

eP 21:21:26.7
Distant shock

iP 23:31:51.0
iS 32:06.8
Compression
Dist. 140 Km.
Small

29 iP 01:32:47.0
iS 33:05.5
Dilatation
Dist. 165 Km.
T 0.7 A 160.0

eP 06:00:21.2
Distant shock

eP 06:41:01.0
eS 37.5
Dist. 345 Km.

Jul.29 1968
iP 08:12:08.8
iS 25.0
Dilatation from NW
Dist. 140 Km.

eP 09:06:38.1
iS 45.6
i 07:18.4
Local

eP 10:27:04.5
Distant shock

eP 11:34:41.8
iS 35:06.2
Dist. 225 Km.

eP 15:30:27.5
Distant shock

30 eP 00:11:32.2
eS 21:40
eR 34:12
Dist. 80°

iP 07:40:24.0
i 32.0
iS 40.6
Dilatation from NW
Dist. 145 Km.

eP 07:55:39.9
iS 56:09.9
Dist. 280 Km.

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jul.19 1968
iP 11:09:56.8
iS 03.7
Dist. 50 Km.
Dilatation

20
iP 10:38:55.6
iS 39:12.1
Compression
Dist. 145 Km.

Jul.26 1968
iP 05:45:05.2
Compression

iP 16:31:34.7
Compression

27
iP 14:19:31.6
iS 44.0
Dilatation
Dist. 105 Km.

Jul.27 1968
iP 14:45:24.0
iS 42.5
Dist. 165 Km.

29
iP 01:32:45.6
eS 33:01.0
Dilatation
Dist. 135 Km.

eP 08:12:13.2

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" h 80 m

Jul.22 1968
iP 18:01:23.8
iS 38.0
Dist. 110 Km.
Dilatation from S

eP 22:30:14.7
eS 34.0
Dist. 160 Km.

e(P) 22:56:13.4
eS 36.9

eP 23:10:13.9
eS 48.4
Dist. 310 Km.

23
eP 09:52:12.8
eS 31.5
Dist. 160 Km.

eP 18:37:37.9
PZ 0.3 u T 1.5 sec.

eP 19:32:37.0
e(S) 47.6

eP 21:46:19.4
eS 50.7
Dist. 280 Km.

eP 23:22:(20.8)

24
eP 00:53:03.7
eS 12.4
Dist. 80 Km.

Jul.24 1968
eP 01:36:32.7

eP 15:22:10.4
eS 44.1
Dist. 310 Km.

eP 19:46:(19.6)
e(S) 32.8

eP 19:53:(11.4)
eS 32.7
Dist. about 80 Km.

eP 21:40:53.0
eS 59.0
Dist. 60 Km.

iP 23:37:27.9
eS 38:07.7
Dist. 360 Km.
Compression from N

25
eP 05:29:03.8
eS 09.9
Dist. 60 Km.

e(PKP) 07:36:13.5
i 19.5

eP 09:29:(46.5)
eS 30:01.7
Dist. about 120 Km.

eP 10:48:20.0
eS 55.2
Dist. 310 Km.

Jul.25 1968
eP 21:23:(31.3)
e(S) 24:30.5

26
e(P) 05:49:34

eP 21:39:07.6
eS 44.3
Dist. 330 Km.

27
eP 11:20:(37.4)

eP 11:34:(34.1)
eS 47.9
Dist. about 110 Km.

eP 23:07:36.4
eS 08:03.6
Dist. 240 Km.

eP 23:20:08.6
eS 21:20.9
Dist. 700 Km.

28
eP 00:44:18.4
eS 40.9
Dist. 200 Km.

eP 01:08:(56.4)
eS 09:27.6
Dist. about 280 Km.

eP 03:47:(30.9)
eS 48:44.5
Dist. about 710 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Jul.28 1968
eP 11:08:46.0
eS 09:40.8
Dist. 530 Km.

eP 17:46:51.6
iS 47:14.8
Dist. 200 Km.

eP 18:40:32.7
PZ 0.16 u T 1.3 sec.

eP 19:30:39.4
i 30:41.5
eS 31:03.6
Dist. 210 Km.

iP 19:45:58.8
i(S) 46:04.8
Dilatation from S

iP 19:53:52.3
i 53:53.2
i(S) 54:11
Compression from SW

Jul.28 1968
eP 19:57:24.8
eS 45.3
Dist. 180 Km.

iP 21:19:22.3
iS 37
Dilatation from NNE
Dist.120 Km.

eP 23:57:13.8
eS 57:30.4
Dist. 140 Km.

29 eP 03:19:45.2
eS 20:25.8
Dist. 370 Km.

eP 03:49:31.6
eS 50:00.5
Dist. 260 Km.

iP 05:58:11.8
i(S) 59

e(P) 06:42:00.8
e(S) 43:17.3

Jul.29 1968
eP 08:27:16.2
i 18.1
e(S) 40.3

eP 09:43:01.9
eP 43:27.2
eS 41.7
Two shocks?

eP 15:30:10.4
Local

No records from Jul.29 at 19:00 to Jul.30 at 19:05.in SP seismograms

30 eP 00:12:01
L.P. Doubtful interpretation

iP 20:43:06.8
i 08.3
iS 46:38
iR 48:11
Dist. about 20°
Compression from NW

Y. Franulic
SEISMOLOGIST

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Jul.30 1968
eP 20:44:28.2
ePPP 45:36
ePcP 48:06
eS 49:09
eR 52:06
Dist. 27.5°

31 iP 09:46:44.2
iS 47:09.1
Compression from NW
Dist. 230 Km.

eP 15:17:07.8
Distant shock

iP 16:42:08.4
iS 31.2
Dist. 210 Km.
Compression from NE
T 0.3 A 20.0

Aug.01
eP 00:26:55.4
eS 37:15
eQ 54:54
Dist. 102.5°

eP 03:24:58.5
eS 25:15.6
Dist. 150 Km.
Small

iP 06:32:26.5
iS 45.3
Dilatation from S
Dist. 170 Km.
T 0.2 A 16.5

eP 08:07:27.4
eS 40.7
Dist. 115 Km.

iP 11:13:36.5
eS 14:02.0
Dist. 235 Km.

iP 19:08:44.3
iS 09:04.0
Compression
Dist. 175 Km.
T 0.2 A 10.0

ePKP 20:39:19.8
Distant shock

02 eP 14:16:18.6
eS 24:05
eSS 27:45
eQ 30:32
eR 31:44
Dist. 54°
Mag. 6.9

Aug.02 1968
eP 20:38:17.0
eS 36.2
Dist. 170 Km.
Small

eP 20:39:52.1
eS 40:02.2
Dist. 80 Km.
Small

eP 23:08:34.0
Distant shock

03 eP 05:14:33.8
ePcS 19:12
eSS 25:50
eQ 29:08
eR 32:42
Dist. 63°

eP 06:45:04.2
Distant shock

04 eP 01:17:09.6
Distant shock

iP 05:49:19.2
iS 40.0
Dilatation from NE
Dist. 190 Km.
T 0.2 A 120.0

iP 08:31:28.4
iS 45.8
Dilatation
Dist. 155 Km.
T 0.2 A 28.0

eP 12:00:57.5
Distant shock

eP 15:26:33.0
Distant shock

eP 18:45:14.7
eS 45.8
Dist. 290 Km.

eP 20:15:41.8
Distant shock

05 ePKP 16:37:02.0
ePP 41:30
eSKKS 48:26
e 49:30
eSKSP 52:00
ePPS 55:06
eSS 17:02:10
Dist. 160°

Aug.06 1968
eP 01:45:01.8
i 16.5
eS 33.0
Dist. 290 Km.

iP 05:10:41.2
eS 54.5
Compression
Dist. 115 Km.
Small

eP 06:45:01.5
Distant shock

eP 19:16:39.2
Distant shock

eP 22:22:33.6
Distant shock

07 iP 01:25:30.6
eS 54.5
Dilatation
Dist. 220 Km.

iP 07:23:18.4
iS 36
Dilatation from NW
Dist. 155 Km.
T 0.4 A 300.0

eP 08:18:15.0
Distant shock

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Jul.31 1968 eP 16:42:11.6
iS 39.5
Dist. 260 Km.

Aug.01 1968 iP 06:32:25.7
Dilatation

02 eP 14:16:21.0
Distant shock

Aug.04 1968 iP 05:49:20.2
iS 44.5
Dist. 220 Km.
Dilatation

iP 08:31:30.9
iS 50.9
Dist. 180 Km.
Dilatation

Aug.04 1968 eP 12:01:00.0
Distant shock

07 iP 07:23:21.8
Compression

C. Gallardo
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Jul.26 1968 eP 05:45:21
eS 48.5
Dist. 250 Km.

Aug.01 1968 e(PKP) 20:39:14
Distant shock

Aug.02 1968 eP 14:16:36
eS 24:38
Dist. about 57.5°
Distant shock

A. Sickinger
Seismologist

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Jul.19 1968 eP 16:47:54
eS 48:12
Dist. 150 Km.

20 eP 10:48:39
iS 48
Dist. 90 Km.

22 e(P) 04:24:28
eS 46

25 eP 07:45:28
ePcP 46:17
ePcS 50:39
eS 53:45
eSS 57:00
L 08:00.5
Dist. 61°

Jul.26 1968 eP 05:45:52
eS 46:43
Dist. 430 Km.

28 iS 08:03:37
Local

29 eP 17:20:52
eS 21:03
Dist. 90 Km.

30 e(P) 01:08:40
eiS 44.5

eP 14:12:25
eS 37
Dist. 100 Km.

eP 20:45:(20)
eS 50:37
e 52:01
Dist. 3600 Km.

Jul.31 1968 eP 16:59:11

Aug.01 e(P) 15:49:17
iS 24.2

ePKP 20:39:20
eSKP 43:00
eSKS 46:42
eSKKS 50:00
ePSKS 53:15
ePPS 56:04
eSS 21:02:24
e 58
e(SSS) 08:35
Dist. 16.500 Km.

02 eP 14:16:55
eS 25:04
eSS 29:05
eSSS 32:07
L 35
M_1 36.5
M_2 42
M_3 44.5
Dist. 6500 Km.

R. Schulz
SEISMOLOGIST

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Jul.31 1968
eP 16:30:57.7
iS 31:05.5
Dist. 70 Km.

e(P) 16:43:45.0
eS 45:07.5

e(P) 20:14:54.0
e 55.5
eS 15:17.0

Aug.01
eP 01:54:39.9
e(S) 55:23.2

eP 04:47:50.9
eS 57.9
Dist. 60 Km.

eP 05:11:17.4
eS 53.9
Dist. 330 Km.

eP 05:52:29.2
eS 52.1
Dist. 200 Km.

eP 07:15:25
eS 35.8
Dist. about 90 Km.

eP 10:59:29.2
eS 43.1
Dist. 110 Km.

eP 14:20:33.6
eS 51.6
Dist. 150 Km.

eP 21:40:(55.3)
eS 41:19.5

eP 21:44:05.2
eS 30.7
Dist. 230 Km.

02
eP 01:27:11.0
eS 50.7
Dist. 360 Km.

eP 02:49:44
eS 50:09
Dist. 220 Km.

eP 08:01:16.2
e 17.3
eS 37.2
i 40.5
From NW
Dist. 180 Km.

Aug.02 1968
e(P) 09:01:24.4
eS 02:01.9

eP 10:42:36.3
eS 45.6
Dist. 90 Km.

eP 11:21:28
iS 41.4
Dist. about 110 Km.

eP 14:15:20.9
eS 22.0
i 24.7

eiP 14:30:17.2
eS 50.5
Dist. 300 Km.

iP 23:06:33.9
iS 58
Dist. about 210 Km.
Compression from NE

03
eP 04:56:58.5
eS 57:20.4
Dist. 190 Km.

eP 05:08:17.0
eS 56.4
Dist. 350 Km.

ePKP 05:14:35.9
ePP 19:13
eSKSP 29:39
eSS 39:37
eG 06:02.0
eR 10.0
Dist. about 165°
MH 26 u T 22 sec.
Mag. 6 3/4

e(PKP) 06:44:58.4
e 45:10.6

eP 13:37:39
eS 55.0
Dist. about 130 Km.

eP 14:41:11.0
eS 49.1
Dist. about 340 Km.

e(P) 18:36:14.3
e 19.5
eS 41.0

Aug.04 1968
eP 01:17:28
eS 18:02.5
Dist. about 300 Km.

eP 05:29:30.5
eS 51.0
Dist. 180 Km.

eP 05:51.5
eS 53:09

eP 06:35:47.8
eS 36:12.4
Dist. 220 Km.

eP 06:52:33.3
eS 44.2
Dist. 100 Km.

eP 10:20:02.9
eS 39.0
Dist. 320 Km.

$ePKP_1$ 12:01:15.2
$ePKP_2$ 39.7
ePP 05:19
eSKKS 12:02
eSKSP 15:30
eSS 24:38
eG 43:45
eR 55:18
Dist. about 155°

eP 13:50:24.4
eS 51:20.0
Dist. 530 Km.

eP 14:38:30.0
eS 39:04.4
Dist. 310 Km.

iP 15:24:41.7
iS 25:00
Dist. about 160 Km.
Compression from ENE

eP 17:48:33.1
eS 49:13.2
Dist. 360 Km.

e(P) 18:47:58.2
Local

e(P) 20:15:54
eS 16:34.2

e(P) 20:30:06.9
eS 24.4

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PROVISIONAL READINGS AT ANTOFAGASTA

Aug.05 1968 iP 01:09:20.0
iS 10:01.0
Dist. 370 Km.
Compression from NE

eP 03:52:52.2
eS 53:31.8
Dist. 360 Km.

eP 07:10:56.4
eS 11:36.1
Dist. 360 Km.

eP 07:42:02.3
eS 43.1
Dist. 370 Km.

Aug.05 1968 eP 08:37:(42.1)
eS 38:04.8
Dist. about 200 Km.

eP 09:08:56.1
iS 09:16.0
Dist. 170 Km.

eP 10:15:15.3
eS 56
Dist. about 360 Km.

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
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Edinburgh 9.

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Aug.08 1968
iP 14:01:11.9
iS 23.3
Compression from NE
Dist. 95 Km.
T 0.2 A 16.0

eP 14:58:46.5
Distant shock

eP 15:57:59.5
eS 58:12.7
Dist. 110 Km.

09 eP 03:15:28.6
ePP 17:00.0
eS 21:33
eR 25:58
Dist. 40°
Mag. 6.27

iP 06:51:14.4
iS 33
Dist. 165 Km.
Dilatation from WNW

iP 07:08:27.8
iS 45.6
Dilatation from NW
Dist. 160 Km.
T 0.4 A 30.0

iP 07:13:45.6
iS 14:00.5
Dilatation from NW
Dist. 130 Km.

iP 07:25:59.6
iS 26:19
Dilatation from NW
Dist. 175 Km.

eP 07:45:09.6
iS 28.5
Dist. 170 Km.

iP 07:54:05.4
eS 55:03.4
Compression
Dist. 560 Km.

iP 08:25:17.5
iS 34.5
Compression
Dist. 150 Km.
Small

Aug.09 1968
iP 08:47:45.3
eS 48:03.8
Compression
Dist. 165 Km.

iP 08:48:25.6
iS 43.7
Compression from NW
Dist. 160 Km.

eiP 08:56:14.8
eS 32.4
Dist. 155 Km.
Compression
Small

eP 09:42:00.4
eS 18.5
Dist. 160 Km.
Small

iP 09:59:02.0
iS 20.2
Compression
Dist. 160 Km.
Small

iP 10:10:55.1
iS 11:13.6
Dist. 165 Km.
Dilatation from NW
T 0.6 A 14.0

iP 10:36:58.1
iS 37:16.0
Dist. 160 Km.
Small

iP 10:43:56.8
iS 44:16.2
Dilatation
Dist. 175 Km.
Small

iP 10:46:34.7
eS 49.3
Compression
Dist. 125 Km.
Small

iP 10:50:02.8
iS 21.5
Dilatation from NW
Dist. 155 Km.
T 0.4 A 58.0

eP 10:57:49.1
Distant shock

Aug.09 1968
iP 10:58:37.0
eS 54.8
Compression
Dist. 160 Km.

iP 11:25:57.1
iS 26:16.7
Dilatation
Dist. 175 Km.
T 0.6 A 12.6

eP 11:32:41.4
eS 33:00.6
Dist. 170 Km.
Small

iP 11:39:30.5
iS 49.3
Dilatation
Dist. 170 Km.
T 0.3 A 7.5

iP 11:42:16.2
eS 43:40
eR 44:15
Dilatation
Dist. 820 Km.

iP 19:03:53.2
iS 04:12.5
Compression
Dist. 175 Km.

iP 19:43:32.5
eS 44:05.4
Compression
Dist. 310 Km.

iP 21:41:37.4
iS 56.0
Dilatation
Dist. 165 Km.

iP 23:35:50.8
eS 36:06.3
Dilatation
Dist. 135 Km.

10 iP 02:26:34.1
Compression from NNE

eP 04:25:24.7
Distant shock

eP 04:59:44.7
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Aug.10 1968
eP 06:11:23.0
Distant shock

eP 08:29:18.3
Distant shock

eP 09:09:32.2
Distant shock

iP 09:12:10.0
i(S) 28.3
Dilatation from NW
Dist. about 165 Km.

eP 10:25:30.0
Distant shock

eP 14:20:15.6
Distant shock

iP 14:29:51.6
iS 08.3
Compression
Dist. 145 Km.

eP 16:05:12.7
Distant shock

iP 19:03:10.6
eS 28.4
Compression
Dist. 160 Km.

11 eP 02:45:59.3
Distant shock

eP 03:07:54.8
Distant shock

iP 07:48:04.6
eS 22.8
Compression
Dist.160 Km.
Small

eP 09:20:00.8
Distant shock

eP 10:50:50.0
Distant shock

eP 11:35:32.6
iS 36:01.4
Dist. 270 Km.

eP 15:27:28.2
Distant shock

Aug.11 1968
eP 20:20:18.0
Distant shock

eP 20:26:51.0
Distant shock

12 eP 02:18:43.1
Distant shock

iP 03:15:49.3
iS 16:01.2
Dilatation
Dist. 100 Km.
Small

iP 04:55:49.8
eS 56:07.3
Compression
Dist. 155 Km.
Small

iP 13:34:57.6
iS 06.5
Dilatation
Dist. 70 Km.
Small

ePKP 14:03:21.4
Distant shock

iP 14:41:35.6
iS 51.8
Dist. 140 Km.
Compression from N
T 0.4 A 11.0

13 iP 00:45:56.5
iS 46:05.2
Compression from N
Dist. 60 Km.
T 0.4 A 27.0

ePKP 03:12:27.0
Distant shock

eP 08:57:33.0
Distant shock

iP 14:27:33.6
iS 49.7
Dilatation
Dist. 140 Km.
Small

iP 17:53:51.8
iS 54:01.4
Dilatation from NNW
Dist. 75 Km.
Small

Aug.13 1968
iP 20:39:35.4
iS 45.3
Compression from NE
Dist. 80 Km.
Small
T 0.4 A 12.2

14 iP 00:13:55.2
iS 14:04.0
Compression
Dist. 70 Km.
Small

iP 01:57:10.3
iS 19.2
Compression
Dist. 70 Km.

iP 07:15:14.1
iS 34.2
Compression
Dist. 180 Km.
T 0.3 A 64.5

ePKP 08:48:46.5
Distant shock

eP 19:07:29.7
e(S) 08:11.6
Dist. about 400 Km.

eP 22:33:57.2
ePP 37:28
eS 43:00
eSS 47:38
eR 55:05
Dist. 71.5°
Mag. 6.35

15 eP 04:32:37.7
Distant shock

eP 05:24:53.8
Distant shock

eP 07:03:19.5
Distant shock

eP 11:40:22.5
Distant shock

eP 13:28:08.9
eS 31.1
Dist. 200 Km.
Small

eP 14:39:37.6
eS 40:01.0
Dist. 215 Km.
Small

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PROVISIONAL READINGS AT PELDEHUE

Aug.15 1968
eP 18:08:53.0
eS 09:11.5
Dist. 165 Km.
Small

eP 18:13:27.6
Distant shock

eP 18:25:55.5
iS 14.5
Dist. 170 Km.
Small

eP 20:41:17.0
Distant shock

eP 21:45:36.7
Distant shock

eP 22:12:32.5
Distant shock

16 eP 02:18:18.2
Distant shock

eP 05:03:02.8
eS 35.8
Dist. 310 Km.

eP 07:30:03.0
Distant shock

eP 10:00:02.6
Distant shock

eP 10:20:48.2
Distant shock

Aug.16 1968
eP 11:28:13.5
Distant shock

eP 18:35:33.5
Distant shock

17 eP 00:01:49.5
eS 58.2
Dist. 65 Km.

eP 04:20:10.6
Distant shock

iP 07:29:56.8
iS 30:14.0
Compression
Dist. 150 Km.
Small

iP 07:35:07.7
iS 22.9
Compression
Dist. 130 Km.
Small

eP 09:10:54.2
eS 11:25.3
Dist. 290 Km.

eiP 10:53:34.6
iS 57.5
Compression
Dist. 210 Km.
T 0.5 A 40.0

eP 22:06:32.6
Distant shock

eP 23:48:32.9
Distant shock

Aug.18 1968
eP 06:03:35.4
Distant shock

iP 14:53:16.8
iS 53.1
Dilatation
Dist. 345 Km.

iP 16:11:18.4
iS 34.2
Dilatation from W
Dist. 140 Km.

eP 18:55:36.7
i 37.7
iS 48.5
Dist. 100 Km.

eP 21:55:17.3
eS 36.0
Dist. 165 Km.

C. Gallardo
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Aug.08 1968
eP 00:12:31.0
eS 56.1
Dist. 230 Km.

e(P) 15:58:05.6

09 eP 06:51:17.6
eS 38.6
Dist. 190 Km.

eP 07:08:31.3
eS 49.2
Dist. 160 Km.

Aug.09 1968
eP 07:13:48.8
eS 14:06.4
Dist. 155 Km.

eP 07:26:02.9
e(S) 21.5
Dist. about 165 Km.

eP 07:29:57.8
eS 30:17.1
Dist. 175 Km.

Aug.09 1968
eP 08:48:28.5
eS 50
Dist. 195 Km.

eP 10:50:05.8
eS 25.0
Dist. 170 Km.

eP 11:42:12.5
Distant shock

10 eP 02:26:38.2

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PROVISIONAL READINGS AT SANTIAGO

Aug.10 1968
eP 04:25:23.6
Distant shock

eP 06:11:21.6
Distant shock

iP 09:12:13.4
iS 31.0
Compression
Dist. 155 Km.

11 eP 02:45:59.2
Distant shock

eP 20:20:19.0
Distant shock

12 eP 14:41:37.5
i 46.6
iS 57.4
Dist. 180 Km.

Aug.13 1968
iP 00:45:57.6
iS 07.5
Dist. 80 Km.

14 iP 01:57:09.8
iS 18.2
Compression
Dist. 65 Km.

iP 07:15:10.0
iS 26.2
Dist. 140 Km.
Dilatation

ePKP 08:48:48.5
Distant shock

eP 22:33:57.0
Distant shock

Aug.17 1968
eP 04:20:09.5
Distant shock

iP 07:35:04.3
iS 16.8
Compression
Dist. 105 Km.

eP 10:53:38.7
eS 54:04.5
Dist. 240 Km.

18 eP 16:11:14.5
eS 27.8
Dist. 115 Km.

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Aug.09 1968
eP 06:52:00
eS 49.5
Dist. 485 Km.

eP 07:14:31
eS 15:21
Dist. 490 Km.

eP 11:41:20
eS 37
Dist. 140 Km.

Aug.10 1968
ePKP 02:26:32
ePKS 29:50
eSKKS 41:54
Dist. about 150°

11 eP 10:26:45
eS 27:02
Dist. 138 Km.

Aug.11 1968
iP 10:49:57
iS 50:13
Dist. 130 Km.

A. Sickinger
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Aug.03 1968
e(P) 19:28:29
eS 59

04 eP 13:42:12
eS 28
Dist. 130 Km.

eP 23:25:45
eS 51
Dist. 50 Km.

05 eP 18:50:04
iS 07.5
Dist. 25 Km.

06 eP 04:04:07
eS 18
Dist. 90 Km.

Aug.06 1968
eP 10:14:46
iS 54.5
Dist. 70 Km.

09 eP 06:28:25
eS 38
Dist. 100 Km.

eP 06:52:42
e(S) 54:28

eP 07:15:17
e(S) 17:04

eP 11:41:39
eS 42:27
Dist. 460 Km.

Aug.10 1968
ePKP 02:26:39
ePP 29:21
eSKP 30:12
eSKKS 36:10
ePSKS 39:23
ePPS 41:45
e 43:00
eSS 48:17
e 51:48
eSSS 53:00
Dist. 140°

R. Schulz
SEISMOLOGIST

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PROVISIONAL READINGS AT BASE O'HIGGINS

63° 19' 00" S 57° 54' 00" W.

Aug.02	eP	10:27:59.7	Aug.09	eP	21:26:00.1	Aug.14	eP	18:08:27.8
1968	iS	45:47.7	1968	iS	36:09.5	1968	iS	12:39.6

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Aug.05	eP	10:18:51	Aug.06	e(P)	04:32:(56.0)	Aug.06	eP	22:00:44.0
1968	eS	19:19.8	1968	eS	33:13.5	1968	eS	01:07.5
	Dist. about 260 Km.						Dist. 210 Km.	
				iP	06:42:53.3			
	eP	14:26:32.1		i(S)	59		iP	22:20:57.0
	e(S)	28:(45.1)		Dilatation from SSW			iS	21:22.2
							Dist. 220 Km.	
	eP	15:10:(34.4)		iP	06:54:26.6		Compression from E	
	eS	11:20.8		iS	32.0			
	Dist. about 430 Km.			Dist. 50 Km.		07	e(P)	07:25:06
							e	11.2
	eP	15:21:17.1		eP	11:31:05.8		e(S)	52.5
	eS	25.0		eS	11.1		i	27:06.6
	Dist. 70 Km.			Dist. 50 Km.				
							iP	08:16:19.4
	eP	18:50:05.8		eP	13:37:18.5		iS	36
	eS	45.6		eS	38:02.5		Dist. about 140 Km.	
	Dist. 360 Km.			Dist. 410 Km.			Compression from W	
	eP	19:05:26.1		iP	18:26:17.4		eP	11:16:36.4
	eS	47.8		eS	22.7		eS	17:18.5
	Dist. 190 Km.			Dist. 50 Km.			Dist. about 390 Km.	
				Dilatation from SSW				
	eP	19:47:49.6		Dist. 50 Km.			eP	11:25.3
	eS	48:26.3					eS	26:30.4
	Dist. 330 Km.			eP	19:06:08.6			
				i	19.1			
	eP	20:21:23.9		eS	48.2			
	i(S)	55		Dist. 360 Km.				
	eP	23:49:12.8		iP	19:14:48.0			
	eS	40.1		iS	15:00			
	Dist. 240 Km.			Dist. about 100 Km.				
				Compression from S				
06	eP	00:20:47						
	eS	21:25.8		iP	19:39:56.0			
	Dist. 350 Km.			eS	40:06.4			
				Dist. 90 Km.				
	eP	01:33:21		Dilatation from N				
	eS	41						
	Dist. about 170 Km.			iP	21:02:45.8			
				iS	50.5			
				Dist. 40 Km.				
				Dilatation from SW				

Y. Franulic
SEISMOLOGIST

INTERNATIONAL SEISMOLOGICAL
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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Aug.18 1968
eP 17:55:17.3
Distant shock

eP 17:58:42.0
iS 53.6
Dist. 95 Km.
Small

iP 18:55:40.9
iS 59
Dilatation from W
Dist. 160 Km.

eP 18:57:33.0
Distant shock

eP 19:06:54.1
Distant shock

eP 19:16:27.2

eP 21:30:54.1
Distant shock

iP 21:55:18.7
iS 45
Dilatation from SE
Dist. 245 Km.

19 eP 02:45:04.1
eS 21.8
Dist. 155 Km.
Small

eP 15:55:25.5
Distant shock

20 eP 16:09:48.5
iS 10:04.3
Dist. 140 Km.
Small

Aug.20 1968
eP 17:21:12.1
eS 31.5
Dist. 175 Km.
Small

21 eP 07:57:51.6
iS 58:13.8
Dist. 200 Km.

eP 09:24:16.6
eS 35.6
Dist. 170 Km.
Small

iP 11:27:41.3
iS 59.6
Compression
Dist. 165 Km.

eP 18:09:33.4
ePP 13:15
ePPP 15:14
eS 20:10
eSS 26:24
eR 36:47
Dist. 85°
Mag. 5.8

22 iP 16:41:07.7
iS 16.8
Dilatation
Dist. 70 Km.
Small

iP 18:52:01.7
iS 26.3
Dilatation from SE
Dist. 225 Km.
T 0.3 A 25.5

Aug.22 1968
eP 22:03:27.5
Distant shock

23 eP 05:19:23.8
i 24.5
iS 46.5
Dist. 205 Km.
T 0.3 A 48.2

iP 05:38:28.4
iS 38.7
Compression from NE
Dist. 85 Km.
T 0.3 A 37.2

eP 08:57:48.7
Distant shock

C. Gallardo
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Aug.18 1968
eP 18:55:36.7
i 37.7
iS 48.5
Dist. 100 Km.

eP 21:55:17.3
e(S) 36.0

Aug.22 1968
iP 04:40:07.4
iS 27.6
Compression
Dist. 180 Km.

23 eP 05:19:19.9
eS 38.5
Dist. 165 Km.

Aug.23 1968
iP 05:38:28.5
iS 39.5
Dist. 90 Km.

iP 22:39:39.0
e 41:48.9
e(S) 58.5

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Aug.11 1968
e 10:27:17
e 52

e 10:50:41
e 51:00

12 iP 22:09:26.2
iS 35.5
Dist. 70 Km.

13 eP 08:56:46
eS 56
Dist. 80 Km.

14 eP 01:44:51.5
eS 45:15.5
Dist. 110 Km.

Aug.14 1968
ePKP 22:37:35
ePP 38:35
ePPP 41:04
eS 46:51
ePPS 50:04
e 51:35
eSS 55:00
eSSS 23:00:30
Dist. 118°

16 eP 20:21:53
iS 22:12.2
Dist. 160 Km.

eP 21:47:17
iS 24.5
Dist. 60 Km.

Aug.18 1968
eP 18:06:41
eS 58
Dist. 140 Km.

22 eP 05:39:40
iS 44.5
Dist. 30 Km.

23 iP 22:40:43.3
i(S) 43:50

R. Schulz
Seismologist

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Aug.07 1968
eP 16:43:25.2
eS 51.1
Dist. 230 Km.

eP 19:32:47.5
eS 53.9
Dist. 60 Km.

08 eP 01:49:53.4
eS 50:14.3
Dist. 180 Km.

eP 03:17:27.0
eS 53.5
Dist. 240 Km.

eP 04:50:43
eS 51:00.8
Dist. 150 Km.

eP 04:50:43
eS 51:00.8
Dist. 150 Km.

eP 05:14:58.6
Distant shock

eP 15:28:28.3
eS 33.0
Dist. 40 Km.

eP 15:59:18
e(S) 16:00:39.7

Aug.08 1968
eP 18:45:57
eS 46:24.7
Dist. about 250 Km.

09 eP 02:15:31.0
ePP 17:04
eS 21:34
eG 24:29
eR 26:00
Dist. about 40°

eP 06:53:02
e(S) 54:38.2
i 57.1

e(P) 07:15:39.6
eS 17:(16.1)

eP 07:27:55
eS 29:(22.7)
Dist. about 850 Km.

eP 09:47:(03.1)
eS (21.5)
Dist. about 150 Km.

eP 12:03:(19.0)
eS (47.2)
Dist. about 230 Km.

eP 12:09:(21.0)
e(S) 11:(04.8)

No records from Aug. 09 at 12:30 to Aug. 09 at 21:17.

09 iP 23:26:03.3
iS 43.0
Dist. 360 Km.
Compression from ESE

10 eP 02:17:23.9
i 24.3
eS 56.5
Dist. 300 Km.

eP 02:26:58
i 27:01.2

eP 03:50:(44.8)
e 47.5
eS 51:20.0
Dist. about 310 Km.

eP 04:18:27.8
Distant shock

eP 04:22:26.7
Distant shock

eP 04:25:46.5
e(S) 30:08.0

eP 06:11:39.0
i 44.6
Superimposed to precedent shock

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PROVISIOANL READINGS AT ANTOFAGASTA

Aug.10 1968
iP 06:16:28.5
iS 34.0
Dilatation from SSW
Dist. 50 Km.

eP 06:29:00
e(S) 40.5

eP 08:30:13.5
Distant shock

eP 11:42:34.3
e(S) 43:02.8

eP 13:48:12
e(S) 36.0

eP 16:05:34.5
e 45.0
Distant shock

e 19:25:38.7

11 eP 01:13:18
e(S) 14:01.4

eP 02:43:59.5
i 59.8
i(S) 45:35.7

eP 05:01:13.7
eS 35.0
Dist. 180 Km.

eP 06:46:07.4
i 09.8
e(S) 31.2

e(P) 09:20:22.0

eP 11:37:17.8
eS 38:03.8
Dist. about 430 Km.

ePKP 20:20:35
ePP 24:21
eSKKS 31:09
eSKSP 34:44
eSS 43:35
eSSS 49.3
eG 21:01:14
Dist. about 150°

12 iP 02:16:37.3
iS 59.6
Dist. 190 Km.
Dilatation from N

Aug.12 1968
eP 04:12:32.4
eS 51.1
Dist. 160 Km.

eP 05:15:32.7
eS 16:19.5
Dist. 440 Km.

eP 06:13:18.6
eS 33.5
Dist. 120 Km.

eP 07:21:08.2
e(S) 22:05.2

e(P) 13:30:12.4
e(S) 31.4

eP 16:37:(22.5)
iS 48.4

iP 20:51:31.9
iS 41.7
Dist. 80 Km.
Compression

iP 21:51:48.0
iS 52:34.6
Dist. 440 Km.
Compression

13 iP 07:31:43.8
iS 32:31.2
Dist. 450 Km.
Dilatation?

i(P) 09:15:45.0

eP 12:41:09.6
eS 45.9
Dist. 320 Km.
Dilatation

iP 17:39:51.0
iS 40:13.1
Dist. 180 Km.
Compression

iP 19:32:35.8
iS 33:11.9
Dist. 320 Km.
Dilatation

eP 22:25:32.6
Local

Aug.14 1968
eP 05:31:31.9
eS 32:20.7
Dist. 470 Km.
Compression

iP 08:47:55.1
S 55.7
SS 59.3
G 09:01.8
R 03.8
Dist. 50°
Compression

iP 09:12:34
iS 42.0
Dist. 50 Km.
Dilatation from SE

eP 10:31:14.1
iS 49.9
Dist. 320 Km.
Dilatation

iP 16:40:20.3
iS (33.6)
Compression from SE

iP 18:26:39.5
iS 27:07.3
Dilatation

15 eP 05:27:28.9
eS 52.2
Dist. 200 Km.

iP 11:38:23.2
iS 43.1
Dist. 160 Km.
Compression from SE

iP 18:11:58.2
iS 12:40.0
Dist. 390 Km.
Compression from ESE

eP 18:43:01.8
eS 40.2
Dist. 350 Km.

16 eP 01:01:53.4
eS 02:44.3
Dist. 480 Km.

eP 02:49:08.1
eS 50:05.4
Dist. 540 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Aug.16 1968
eP 03:12:17.0
eS 53.5
Dist. 330 Km.

eP 05:59:30.5
e(S) 06:00:00.2

eP 06:06:57.5
iS 07:24.2
Dist. 240 Km.

eP 07:29:48.4
e(S) 30:14.4

eP 08:26:32.2
eS 56.0
Dist. 210 Km.

iP 09:58:24.4
iS 59.4
Dist. 310 Km.

ePKP 10:59:06.2

ePKP 11:28:34.7

e(P) 14:05:53
eS 06:12.7

eP 17:02:55
eS 03:08.4
Dist. about 110 Km.

e(PKP) 18:34:38.3

e(P) 19:28:11.8
e(S) 47.0

17 eP 01:14:56.3
eS 15:33.6
Dist. 330 Km.

eP 04:20:32.7
i 33.5
ePKP 23:42
ePP 26:00
eSKSP 36:11
eSS 43:40
eG 57:30
e(R) 05:08:10
Dist. about 131°

e(PKP) 04:57:53.6

eP 10:20:03.5
eS 07.5
Dist. 40 Km.

Aug.17 1968
eP 10:55:10
e(S) 56:34.5

eP 11:16:40.4
eS 50.7
Dist. 90 Km.

eP 15:37:08.5
eS 42.9
Dist. 310 Km.

eP 22:06:19.5
e(S) 07:09.4

18 eP 00:10:46.7
iS 11:26.8
Dist. 360 Km.

ePKP 06:03:53.1

eP 07:06:01.1
eS 17.5
Dist. 130 Km.

eP 07:06:56.7
eS 07:22.0
Dist. 220 Km.

eP 11:14:44.9
eS 15:05.1
Dist. 170 Km.

eP 16:39:37.1
eS 40:07.3
Dist. 270 Km.

ePKP 18:56:23.2

ePKP 19:16:42.0

eP 21:56:49.6
e(S) 58:18.8

ePKP 19:06:32.1
e 09:55

19 eP 01:37:14
eS 35.5
Dist.190 Km.

eP 04:24:26.2
eS 58.8
Dist. 300 Km.

eS 04:26:17.7

eP 11:06:43.0
e(S) 58.7
i 07:01.8

Aug.19 1968
eP 12:56:29.9
eS 52.2
Dist. 190 Km.

eP 17:19:22
e 23.0
eS 59.2
Dist. 330 Km.

eP 17:28:52.5
eS 29:14.2
Dist. 190 Km.

eP 20:56:03.7
eS 09.5
Dist. 50 Km.

eP 21:06:57.9
eS 07:03.3
Dist. 50 Km.

eP 22:05:37.9
e(S) 06:44.9

eP 23:24:07.9
eS 35
e 48.5
Dist. about 240 Km.

eP 23:26:56.1
eS 27:42.4
Dist. 430 Km.

20 e(P) 02:21:50
eS 22:07

iP 04:39:50.2
i 40:02.4
Dist. 100 Km.
Dilatation from SSE

eP 07:18:37.4
eS 19:02.1
Dist. 220 Km.

eP 07:23:56.4
eS 24:36.7
Dist. 360 Km.

eP 14:57:23.5
eS 38.5
Dist. 120 Km.

eP 16:13:05.6
eS 44.0
Dist. 340 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Aug. 20 1968
eP 21:10:36.3
eS 11:00
Dist. about 210 Km.

iP 22:16:50.1
iS 17:10.4
Dist. 170 Km.
Compression from SE

eP 22:40:03.6
eS 14.8
Dist. 100 Km.

21 eP 14:31:53.9
iS 32:29.2
Dist. 310 Km.

eP 17:31:04.2
eS 16.3
Dist. 100 Km.

eP 19:34:26.5
eS 35:03.4
Dist. 330 Km.

eP 19:36:45.5
eS 37:21.2
Dist. 320 Km.

22 eP 02:38:12.6
eS 39:01.8
Dist. 460 Km.

eP 07:01:29.5
eS 02:00
Dist. about 280 Km.

e(P) 14:52:43.2
eS 53:06

eP 20:40:08.8
eS 41:35.7
Dist. 850 Km.

23 eP 01:21:21.2
eS 42.5
Dist. 180 Km.

eP 02:37:08.9
iS 48.1
Dist. 350 Km.

eP 06:27:43.0
eS 56.6
Dist. 110 Km.

Aug. 23 1968
eP 13:17:46.7

eP 15:00:55.3
eS 01:39.1
Dist. 410 Km.

eP 17:06:27
eS 07:05,6
Dist. 340 Km.

eP 18:20:19.6
eS 46.3
Dist. 240 Km.

eP 19:17:26.2
eS 32.0
Dist. 50 Km.

eP 20:15:22.3
eS 16:03.5
Dist. 380 Km.

iP 22:38:31.6
i(S) 39:46
Compression from ENE

iP 23:16:33.6
iS 17:57
Dist. about 810 Km.
Dilatation

24 eP 00:42:42.1
eS 43:24.0
Dist. 390 Km.

eP 01:33:31.9
eS 34:07.0
Dist. 310 Km.

eP 03:20:50
e(S) 21:22.3
i 32.6

eP 05:42:07
e(S) 32.5

eP 09:18:33
eS 19:07.6
Dist. 310 Km.

iP 11:17:50.6
iS 18:30.9
Dist. 360 Km.
Compression from NE

eP 11:34:25.2
iS 35:00.7
Dist. 320 Km.

Aug. 24 1968
iP 13:36:40.1
iS 37:06.0
Dist. about 230 Km.
Compression

eP 19:06:47.0
eS 07:27.3
Dist. 360 Km.

iP 19:29:37.9
iS 30:05
Dist. 240 Km.
Compression from SE

eP 20:39:13.1
eS 40:02.4
i 10.1
Dist. 460 Km.

25 eP 00:18:51.5

eP 03:24:05.3
e 09.1
iS 30.3
Dist. 220 Km.

eP 03:30:07.1
eS 21.4
Dist. 110 Km.

eP 08:49:26.8
eS 31.6
Dist. 40 Km.

ePKP 09:27:16.1

e(PKP) 09:33:32.1

eP 11:12:45
eS 13:19.1
Dist. about 310 Km.

eP 13:43:05.6
e 15.8
PZ 0.3 u T 1.5 sec.
Distant shock

eP 16:07:36.2
e 47.0
eS 08:22.6
Dist. 320 Km.

Y. Franulic
Seismologist.

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

IMPRESO ORDINARIO

2 DEC 1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Aug. 26 1968
iP 12:01:27.0
iS 02:02.5
Dilatation
Dist. 335 Km.

eP 17:45:48.5
Distant shock

eP 19:19:34.5
eS 20:03.2
Dist. 265 Km.

eP 21:32:47.0
Distant shock

27
eP 05:22:51.5
Distant shock

iP 06:26:27.4
iS 43.6
Dilatation
Dist. 140 Km.
Small

iP 06:28:01.4
iS 17.5
Dilatation from NW
Dist. 140 Km.
T 0.3 A 23.0

iP 08:23:43.0
iS 24:00.4
Dilatation from NW
Dist. 155 Km.
T 0.4 A 42.8

eP 14:05:13.7
Distant shock

iP 14:55:24.3
iS 56.8
Compression
Dist. 305 Km.

eP 17:19:16.6
e(S) 53.5

iP 18:42:12.3
iS 14.8
Compression
Local

28
eP 03:49:33.4
Distant shock

iP 07:18:15.2
iS 42.3
Dilatation from NE
Dist. 250 Km.
T 0.4 A 6.4

Aug. 28 1968
iP 07:45:40.0
iS 54.5
Dilatation from NE
Dist. 115 Km.
T 0.4 A 26.0

eP 10:11:27.8
eS 46.8
Dist. 170 Km.

eP 12:47:30.5
Distant shock

eP 14:57:50.8
Distant shock

iP 18:11:29.1
iS 41.6
Dist. 105 Km.

eP 21:02:21.2
Distant shock

iP 21:08:10.7
iS 23.8
Compression
Dist. 110 Km.

iP 21:32:35.0
iS 44.0
Dilatation
Dist. 70 Km.

eP 22:27:13.8
Distant shock

29
iP 01:57:46.4
iS 58:30.0
Dist. 415 Km.
T 0.5 A 45.5

eP 04:07:06.0
Distant shock

eP 10:37:46.3
Distant shock

eP 12:21:30.3
eS 22:10.5
Dist. 380 Km.

eP 22:57:24.3
Distant shock

30
eP 00:01:09.6
Distant shock

Aug. 30 1968
eP 03:04:48.5
Distant shock

iP 04:32:22.5
iS 36.6
Compression from NE
Dist. 120 Km.
T 0.4 A 8.0

eP 06:38:06.3
Distant shock

iP 10:00:30.0
iS 50.0
Compression
Dist. 180 Km.

iP 15:34:02.8
iS 20.8
Dilatation from NE
Dist. 160 Km.
T 0.4 A 18.0

eP 16:45:02.8
eS 53.2
Dist. 385 Km.

31
eP 04:49:23.5
Distant shock

ePKP 11:07:13.0
Dist. 132°
Mag. 7.6

eP 14:29:20.3
eS 37.0
Dist. 145 Km.
Small

Sep. 01 1968
eP 00:36:51.6
Distant shock

iP 01:50:03.9
iS 14.7
Dilatation
Dist. 90 Km.
Small

eP 02:47:17.5
iS 34.1
Dist. 145 Km.
Small

eP 05:16:41.2
eS 17:00
Dist. 170 Km.
Small

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PROVISIONAL READINGS AT PELDEHUE

Sep.01 1968
eP 07:46:40.0
eS 50.0
Dist. 80 Km.
Small

ePKP 07:47:02.0
ePP 49:47
eSKSP 08:00:10
ePPS 02:10
eSS 08:36
eQ 25:20
eR 34:05
Dist. 137,5°
Mag. 7.6

eP 14:34:49.5
Distant shock

Sep.01 1968
eP 19:40:30.2
eS 49.7
Dist. 175 Km.
Small

02
iP 01:47:03.4
iS 19.1
Dilatation from NE
Dist. 135 Km.
T 0.5 A 23.5

eP 12:25:36.9
Distant shock

C. Gallardo
SEISMOLOGIST

Sep.02 1968
iP 13:24:34.9
iS 25:00.2
Dilatation
Dist. 235 Km.
T 0.5 A 24.3

03
iP 02:33:15.2
iS 37.4
Compression
Dist. 200 Km.

eP 05:43:21.3
Distant shock

ePP 08:40:16
eSKSP 50:15
eSS 56:56
eQ 09:13:36
Dist. 137,5°
Mag. 5.8

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Aug.24 1968
eP 19:18:54.3
eS 19:05.2
Dist. 90 Km.

26
eP 04:46:12.6
eS 29.3
Dist.145 Km.

27
iP 06:28:01.9
iS 20.5
Compression
Dist. 160 Km.

Aug.27 1968
eP 08:23:43.2
i(S) 05.5
Dist. about 200 Km.

28
iP 07:45:43.2
iS 59.0
Dilatation
Dist. 140 Km.

29
eP 01:57:48.5
eS 58:35.6
Dist. 450 Km.

Aug.29 1968
eP 12:21:34.8

30
iP 15:34:06.0
iS 26.2
Dilatation
Dist. 180 Km.

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Aug.14 1968
e(PKP) 22:37:(--)
Distant shock

22
iP 22:02:32.5
iS 38
Felt II at Concepción
Dist. 45 Km.

Aug.31 1968
ePKP 11:07:16.5
epPKP 20
ePKS 09:24
Dist. about 140°

A. Sickinger
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Aug. 25 1968
eP 20:38:29.7
eP 21:33:35.2
i 37.7
iS 59.2
Dist. 210 Km.

26 eP 03:21:09.1

eP 05:05:35.4
e 41.9
iS 52.2
Dist. 140 Km.

eP 08:32:07.2
eS 19.6
Dist. 110 Km.

eP 14:03:09
e(S) 39.5

eP 17:26:03
eS 27:10.2
Dist. about 650 Km.

eP 20:44:40.6

27 eP 04:16:36.3
e(S) 17:02.4

e(PKP) 05:21:09.7

eP 07:03:16.5
eS 57.4
Dist. 370 Km.

eP 11:13:39.0
e(S) 14:00.4

e(P) 12:22:13.8
e(S) 33.8

e(P) 12:22:47.0
i(S) 23:07.3

eP 12:25:(38.3)
eS 26:16.8
Dist. about 350 Km.

ePKP 14:05:27.8

eP 19:30:14.3
eS 47.8
Dist. 310 Km.

Aug. 28 1968
eP 03:08:15.4
eS 31.2
Dist. 130 Km.

eP 03:17:31
eS 54.3
Dist. about 200 Km.

eP 03:59:26
e(S) 04:00:03.2

e(P) 04:56:16.3
i 16.9

eP 12:47:56
e(S) 49:05.5

eP 13:23:03
eS 23.4
i 25.5
Dist. about 170 Km.

eP 13:45:30
eS 43.7
Dist. about 110 Km.

e(P) 17:13:38.0
eS 14:20.4

e(P) 19:43:15.7
e(S) 44.2

eP 20:41:54.9
eS 42:07.7
Dist. 110 Km.

$ePKP_1$ 21:02:27.7
epPKP 40
$ePKP_2$ 03:29
ePcSPKP 14:36
eSKSP 17:51
ePPS 21.0
eSS 27:56
eR 59.5
Doubtful interpretation
Dist. about 166°

eP 22:24:45.4
eS 25:14.7
Dist. 260 Km.

eP 23:39:51.9
iS 40:10.2
Dist. 150 Km.

Aug. 29 1968
eP 01:12:18.8
eS 39.9
Dist. 180 Km.

eP 01:58:10.6
i 20.6
iS 59:36.3
Two shocks?

e(P) 02:04:30
e(S) 05:05.6

eP 02:32:40.6
eS 33:03.2
Dist. 200 Km.

eP 04:05:22.8

iP 06:43:37.4
iS 59.4
Dist. 190 Km.
Compression from SE

eP 12:22:22
e(S) 23:29.1
i 47.5

eP 15:06:01.5
eS 25.7
Dist. 210 Km.

eP 18:52:38.2
e(S) 53:04.4

eP 20:00:43.0
i 47.0
iS 01:10.3
Dist. 240 Km.

ePKP 22:56:42.0

30 eP 02:09:41.2
eS 54.0
Dist. about 110 Km.

ePKP 03:04:36.3

eP 03:29:16.7
eS 47.7
Dist. 280 Km.

eP 04:21:13.1
e(S) 49.7

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PROVISIONAL READINGS AT ANTOFAGASTA

Aug. 30 1968
eP 09:59:48.2
eS 10:00:24.9
Dist. 330 Km.

eP 10:50:49.1
eS 51:02.4
Dist. 10 Km.

eP 11:54:56
eS 55:27.7
Dist. about 290 Km.

eP 15:10:52.9
eS 11:15.9
Dist. 200 Km.

eP 17:37:53.8
iS 38:19.6
Dist. 230 Km.

eP 22:14:55.3
e(S) 15:01.8

31 eP 03:56:47.7
eS 57:24.1
Dist. 320 Km.

Aug. 31 1968
eP 06:05:51.3
eS 06:32.5
Dist. 380 Km.

eP 06:22:24.4
eS 45.0
Dist. 170 Km.

iP 08:30:48.8
eS 31:29.5
Dist. 370 Km.
Dilatation from N

eP 10:37:52.7
eS 38:06.3
Dist. 110 Km.

Aug. 31 1968
ePKP 11:07:11
ePP 09:38
ePKS 10:41
ePPP 12:25
eSKS 14:18
eSS 27:16
eSSP 34
eSSS 32:14
eG 40.5
eR 48:16
Doubtful interpretation
Dist. about 132°

eP 13:23:42.9
eS 24:21.3
Dist. 340 Km.

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh 9.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Sep.11 1968
iP 16:44:52.0
iS 45:09.0
Dilatation from SW
Dist. 150 Km.

eP 18:29:04.5
eR 33:16
Dist. 17.5°

eP 19:10:40.5
eS 59.2
Dist. 165 Km.
Small

iP 20:25:31.1
iS 52.0
Dilatation from NE
Dist. 190 Km.

13 iP 03:52:42.5
iS 53:03.3
Compression
Dist. 190 Km.

eP 04:28:07.9
eS 33.8
Dist. 240 Km.

eP 09:27:32.1
Distant shock

iP 15:18:24.1
iS 41.3
Dilatation
Dist. 150 Km.

eP 21:33:39.3
Distant shock

iP 21:36:53.9
iS 37:08.0
Dist. 120 Km.
Small

14 iP 00:18:57.3
iS 19:13.6
Compression
Dist. 145 Km.
Small

eP 00:54:06.8
eS 29.0
Dist. 200 Km.
Small

eP 02:35:10.0
Distant shock

Sep.14 1968
eP 02:38:30.2
eS 56.8
Dist. 245 Km.

eP 03:56:27.3
Distant shock

eP 07:33:16.8
Distant shock

eP 10:36:28.6
Distant shock

eP 11:08:58.1
Distant shock

iP 12:06:13.1
iS 26.7
Dilatation from N
Dist. 115 Km.
Small

eP 12:54:16.6
iS 27.0
Dist. 85 Km.
Small

eP 14:07:46.3
Distant shock

iP 14:27:17.2
iS 30.8
Compression from NE
Dist. 115 Km.

eP 21:31:38.6
Distant shock

15 iP 00:28:23.0
iS 39.9
Compression
Dist. 150 Km.

eP 10:17:26.5
Distant shock

eP 11:10:08.3
Distant shock

eP 12:18:14.2
Distant shock

i(P) 12:28:34.4
Dilatation

Sep.15 1968
iP 15:26:05.8
eS 29.2
Compression
Dist. 214 Km.

eP 17:47:01.8
Distant shock

eP 19:51:03.0
Distant shock

eP 21:32:26.8
eS 50.0
Dist. 210 Km.

iP 22:02:37.2
iS 03:07.4
Compression from N
Dist. 280 Km.

16 eP 02:51:32.0
Distant shock

iP 08:22:46.9
iS 02.3
Dilatation from NW
Dist. 135 Km.

eP 14:14:33.4
ePP 19:38
eS 26:23
ePPS 29:50
eSS 33:50
eQ 42:36
eR 49:48
Dist. 105°
Mag.8.7

eP 16:19:50.1
Distant shock

17 iP 10:39:39.4
iS 54.2
Compression
Dist. 130 Km.
Small

eP 14:58:35.5
Distant shock

eP 17:53:27.2
eS 54:03.6
Dist. 345 Km.

eP 18:36:12.2
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Sep.18 1968
iP 00:17:51.6
iS 18:02.0
Dilatation
Dist. 85 Km.
Small

eP 16:43:29.5
eS 46.0
Dist. 145 Km.
Small

eP 20:39:54.5
Distant shock

19 iP 08:56:10.2
iS 56
Compression from N
Dist. 440 Km.

eP 09:52:35.0
Distant shock

eP 17:56:34.4
Distant shock

Sep.20 1968
eP 06:08:02.0
ePP 10:34
eS 15:15
Dist. 48°
Mag. 7.5

iP 09:05:23.5
eS 40.6
Compression
Dist. 150 Km.
Small

iP 16:39.04.8
i 18
iS 44
Compression from N
Dist. 370 Km.

eP 18:02:47.1
eS 03:10.0
Dist. 210 Km.

eP 18:41:50.0
Distant shock

Sep.20 1968
eP 23:32:43.4
iS 33:10.0
Dist. 245 Km.

21 ePKP 13:25:45.8
epPKP 26:05
ePP 29:48
ePPP 34:44
eSKSP 39:24
eSS 49:15
eSSS 55:34
Dist. 155°

ePKP 14:49:16.7
Distant shock

iP 16:32:37.6
iS 49.5
Dilatation
Dist. 100 Km.

eP 19:57:42.1
Distant shock

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Sep.11 1968
iP 16:44:48.1
e(S) 04.2
Dist. about 140 Km.

eP 18:29:04.2
Distant shock

iP 20:25:33.2
iS 56.5
Dilatation
Dist. 215 Km.

13 eP 15:18:27.4

Sep.14 1968
iP 14:27:19.0
iS 33.7
Dilatation
Dist. 125 Km.

15 iP 00:28:24.0
iS 42.7
Compression
Dist. 165 Km.

iP 12:28:28.0
Dilatation

Sep.19 1968
iP 08:56:11.5
e(S) 57:05
Dist. about 500 Km.

20 eP 06:08:06.0
Distant shock

C. Gallardo
SEISMOLOGIST

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Sep.06 1968
iP 21:20:58.0
eS 21:06.5
Dist. 80 Km.
Dilatation from SSE

eP 22:19:39.4
eS 20:19.8
Dist. 360 Km.

Sep.06 1968
eP 22:36:00.8
eS 36.5
Dist. 320 Km.

07 eP 01:59:(59.5)
e(S) 02:00:36.2

eP 03:57:47.0
eS 58:07.5
Dist. 180 Km.

Sep.07 1968
e(P) 05:09:28
e(S) 10:00

iP 07:23:56.1
iS 24:30.6
Dist. 310 Km.
Compression from NE

eP 18:30:50
eS 31:17.0
Dist. about 240 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.07 1968
eP 22:51:07.5
eS 34.3
Dist. 240 Km.

08
eP 06:51:14
eS 52:00
Dist. about 430 Km.

eP 17:17:12.7
eS 35.0
Dist. 190 Km.

eP 18:19:37.3
eS 21.8
Dist. 420 Km.

eP 18:25:11
eS 35.3
Dist. about 210 Km.

eP 21:26:41.3
eS 27:10.3
Dist. 260 Km.

iP 21:44:34.5
i(S) 45:26
Compression from NE

iP 23:37:18.3
iS 23
Dist. 50 Km.
Compression from NW

09
e(P) 00:22:27
e(S) 50.3

eP 00:38:50.3
Near shock

iP 00:41:16.0
eS 44:08
eR 45:06
Dilatation from N
Dist. about 14°

eP 02:32:17.8
eS 55.6
Dist. 340 Km.

eP 05:17:31
eS 56.9
Dist. about 230 Km.

eP 06:39:59.3
eS 40:37.7
Dist. 340 Km.

Sep.09 1968
eP 06:56:57.5
eS 57:42.4
Dist. 420 Km.

iP 08:23:14.1
Local
Compression

e(P) 11:39:05.7
eS 33.2

e(P) 11:40:37
e(S) 58.4
i 41:10.7

eP 16:01:31.3
eS 51.9
i 02:02.3

e(P) 16:59:55
e(S) 17:00:58.2

eP 22:43:57.2
eS 44:23.7
i 25.1
Dist. 240 Km.

10
eP 00:40:23.7
eS 51.4
Dist. 250 Km.

iP 00:41:10.7
iS 29
Dist. about 150 Km.
Compression from NNE

eP 05:25:40.6
iS 26:05.6
Dist. 220 Km.

e(P) 12:01:48.0
e(S) 02:39

eP 20:46:37.4
eS 48.5
Dist. 100 Km.

eP 21:57:05.6
eS 41.2
Dist. 320 Km.

11
eP 10:15:56.9
eS 16:11.3
Dist. 120 Km.

eP 14:44:42.8
iS 55.8
Dist. 110 Km.

Sep.11 1968
eP 16:49:26.3
Distant shock

eP 17:25:(30.8)
e(S) 26:00

eP 18:31:05.1
eS 34:53
eR 37.1
Dist. about 21°
Doubtful interpretation

eP 20:27:02
e(S) 28:27.1

12
eP 01:54:31.7
eS 55.8
Dist. 210 Km.

eP 14:04:25.1
eS 05:03.7
Dist. 80 Km.

e(P) 16:00:43.2
e(S) 01:57.3

13
eP 04:56:20.0
eS 36.2
Dist. 320 Km.

e(P) 06:08:43
e 44.9
e(S) 09:13.7

eP 06:29:55.8
eS 30:18.0
Dist. 190 Km.

eP 09:48:19.9
eS 40.3
Dist. 170 Km.

eP 14:17:28.0
e(S) 58.1

eP 16:51:13.6
eS 49.5
Dist. 320 Km.

eP 19:26:08.7
eS 34.5
Dist. 230 Km.

14
eP 00:53:05.9
eS 25.1
Dist. 160 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.14 1968
eP 06:05:08.6
e(S) 43.6

e(P) 06:06:19.1
eS 58.6

eP 09:19:28.8
e(S) 47.9
e 57.0

e(P) 10:53:29.4
eS 54:17.4

eP 12:37:03
e(S) 33.1

e(P) 14:51:16.5
e 17.0
i 17.8
iS 39.6

eP 18:55:17.4
i 18.1
eS 46.7
Dist. 270 Km.

15 eP 02:19:57.3
eS 20:15.8
Dist. 160 Km.

iP 03:08:10.9
iS 23.8
Dist. 110 Km.
Compression from SE

eP 04:36:28.8
eS 42.5
Dist. 110 Km.

eP 10:15:09
i 12.6
Local

ePKP 11:09:56.0

eP 12:23:44.7
e(S) 57.5

eP 15:15:58.7
eS 16:13.1
Dist. 110 Km.

eP 17:29:33.3
eS 30:11.9
Dist. 350 Km.

iP 19:44:00.6
iS 32.7
Dist. 290 Km.
Compression from NE

Sep.15 1968
eP 20:12:54.3
eS 13:29.4
Dist. 310 Km.

eP 20:50:(34.1)
eS 51:24.6
Dist. about 470 Km.

eP 22:30:04.8
eS 25.0
Dist. 170 Km.

eP 22:44:59.2
eS 45:29.1
Dist. 270 Km.

eP 23:33:47.8
eS 34:28.6
Dist. 370 Km.

16 eP 00:14:23.4
eS 58.1
Dist. 310 Km.

eP 02:15:30.6
eS 16:07.1
Dist. 330 Km.

iP 06:27:21.0
iS 26.8
Dist. 60 Km.
Compression from N

eP 08:02:49.4
iS 03:25.7
Dist. 320 Km.

eP 09:44:14.5
eS 49.4
Dist. 310 Km.

ePKP 14:14:44.5
eS 18:08.5
Doubtful interpretation
Two shocks?

eP 15:53:13.7
Distant shock

eP 16:39:45
eS 40:46.5
Dist. about 590 Km.

eP 17:58:59.8
e(S) 59:26.5
i 39.5

eP 20:44:42
eS 45:02.5
Dist. about 170 KM.

Sep.16 1968
e(P) 23:15:34.0
eS 16:24.5

eP 23:24:34.5
e(S) 25:07

17 iP 06:30:06.2
iS 10.2
Compression from NW
Dist. 40 Km.

eP 09:14:34.1
eS 15:10.4
Dist. 320 Km.

eP 09:54:44
e(S) 56:59.1

eP 15:02:19.4
eS 03:05.3
Dist. 440 Km.

eP 15:15:44.1
eS 16:21.4
Dist. 330 Km.

eP 16:09:04.8
i 07.0
i(S) 43.1

eP 18:31:49.3
eS 32:03.3
Dist. 110 Km.

e(P) 21:52:35
eS 54:26.3

18 iP 06:01:43.4
eS 02:27.8
Dist. 410 Km.
Compression from NE

eP 06:24:03.4
eS 40.0
Dist. 330 Km.

eP 06:52:38.7
eS 53:03.0
Dist. 210 Km.

eP 06:55:41.5
e(S) 56:13.3

eP 07:22:38
eS 57.7
Dist. about 170 Km.

eP 10:55:25.7
eS 56:10.5
Dist. 420 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.18 1968
eP 12:38:54.4
e(S) 39:07.4

eP 21:11:14.5
eS 32.8
Dist. 150 Km.

eP 23:53:23.5
eS 34.1
Dist. 90 Km.

19 eP 04:39:32.1
eS 40:24.6
Dist. 500 Km.

eP 06:23:00.9
eS 26.8
Dist. 230 Km.

eP 08:56:28.3
iS 57:48.8
Dist. 780 Km.

e(P) 09:35:06
e(S) 34.0
e 46.7

Sep.19 1968
eP 09:40:01.5
e(S) 23.2
i 35.0

e(P) 09:53:43.0
eS 54:22.2

e(P) 14:31:38
eS 32:49.3

iP 17:56:25.0
eS 57:26.2
Dist. 590 Km.
Dilatation from S

20 eP 00:13:44.8
eS 14:22.4
Dist. 340 Km.

eP 03:01:36.6
eS 02:21.4
Dist. 420 Km.

eP 04:34:34.5
eS 35:12.4
Dist. 340 Km.

Sep.20 1968
eP 06:06:46.7
i 47.7
ePP 08:15
eS 12:10
eG 14:18
eR 15.0
Dist. about 34°
Dilatation from N

Y. Franulic
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Sep.13 1968
e(P) 00:57:08
eS 27

eP 09:26:33
eS 45
Dist. 100 Km.

16 ePP 14:26:05
e 27:18
ePPP 28:23
eSKKS 32:44
ePS 35:22
eSS 41:29
eSSS 46:15
L 53:--
Dist. 113,5°

iP 21:27:55.3
iS 28:03
Dist. 60 Km.

Sep.17 1968
iP 11:57:55
iS 58:01.5
Dist. 50 Km.

19 eP 06:08:58
ePP 11:24
ePPP 12:19
eS 16:04
eSS 19:06
Dist. 51°

20 e 16:42:35
e 43:49
Distant shock

22 eP 21:56:40
e(S) 59:40

eP 22:27:30
e(S) 28:03

Sep.24 1968
eP 17:57:00
iS 24
Dist. 200 Km.

eP 10:48:14
eS 56:03
e 57:02
eSS 11:00:48
Dist. 58°

R. Schulz
Seismologist.

TWICKENHAM & RICHMOND
7 1PM
20 MAR
1969

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

6, South Oswald Road,
Edinburgh 9,

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Sep. 22 1968
eP 21:55:08.8
i 12.2
e 56:14
eS 51.0
eSSS 57:20
eR 57:(42)
Dist. 10°
Depth 100 Km.

23 iP 18:16:22.8
iS 38.2
Dilatation
Dist 135 Km.

eP 18:38:28.5
Distant shock

eP 21:44:07.5
Distant shock

24 eP 01:46:22.7
Distant shock

iP 02:46:06.3
iS 26.7
Dilatation
Dist. 185 Km.
T 0.5 A 11.5

iP 12:50:56.6
eS 51:10.6
Compression
Dist. 120 Km.
Small

iP 17:37:24.6
iS 44.2
Dilatation
Dist. 175 Km.
Small

25 iP 02:37:35.0
eS 38:30.5
Compression from NW
Dist. 535 Km.

eP 02:47:54.0
Distant shock

eP 03:05:38.4
iS 06:03.4
Dist. 230 Km.

eP 05:50:32.2
eS 57.6
Dist. 235 Km.

eP 06:36:11.5
Distant shock

Sep. 25 1968
eP 07:15:29.0
eS 26:05
eQ 38:56
eR 42:44
Dist. 85°

iP 10:43:53.2
iS 44:11.6
Dilatation
Dist. 165 Km.
Small

eP 10:47:43.0
ePP 49:52
eS 54:58
eSS 58:12
eQ 11:00:56
eR 03:00
Dist. 57.5°
Mag 7.3

eP 12:42:18.3
eS 39.4
Dist. 190 Km.
Small

ePKP 14:47:06.0
Distant shock

eP 21:15:37.7
eS 16:18.5
Dist. 390 Km.

eP 21:41:04.3
Distant shock

eP 22:48:34.5
eS 49:04.7
Dist. 280 Km.

iP 23:20:58.0
iS 21:08.4
Dilatation
Dist. 85 Km.
Small

26 eP 01:05:55.5
Distant shock

iP 05:19:57.6
iS 20:06.5
Dilatation
Dist. 75 Km.
Small

Sep. 26 1968
iP 06:06:16.2
iS 36.5
Dilatation from NE
Dist. 185 Km.

iP 13:46:50.4
iS 47:09.0
Dilatation
Dist. 165 Km.

eP 14:50:26.8
Distant shock

iP 17:11:36.4
iS 53.0
Compression from NE
Dist. 145 Km.

eP 18:15:32.0
ePP 19:02.0
eS 25:56
eSS 31:44
eR 42:18
Dist. 86.2°
Mag 6.3

eP 19:03:03.8
Distant shock

27 iP 03:01:46.7
iS 02:03.6
Compression
Dist. 150 Km.
Small

eP 04:17:52.1
epP 18:07
ePP 21:20
eS 27:20
eSS 34:06
Dist. 75°

eP 08:48:12.6
Distant shock

eP 10:41:35.6
Distant shock

eP 10:57:33.1
Distant shock

29 iP 20:07:26.0
iS 40.5
Dist. 125 Km.

eP 22:17:05.6
Distant shock

30 eP 14:35:19.8
Distant shock

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.30 1968
eP 16:47:48.4
e(S) 48:37.6

e(P) 19:01:55
e(S) 02:29.3

Oct.01
eP 01:10:32.3
eS 11:01.0
Dist. 260 Km.

eP 05:21:59.7
eS 22:38.6
Dist. 350 Km.

e(P) 05:32:31
e(S) 33:00

eP 05:36:51.6
i(S) 37:13

eP 07:06:15.0
eS 29.4
Dist. 110 Km.

eP 07:43:50.1
eS 44:08.9
Dist. 160 Km.

eP 08:20:58.7
e(S) 22:05.0

eP 11:05:16.2
i(S) 36.1

eP 14:49:27
e(S) 50:15.0

eP 15:19:38.4
eS 58.3
Dist. 170 Km.

02
eP 01:13:35.0
eS 14:11.6
Dist. 330 Km.

eP 07:50:10.1
eS 47.1
Dist. 330 Km.

eP 11:33:40

eP 18:10:26.5
eS 40.0
Dist. 110 Km.

eP 19:05:18.5
e(S) 40.2

Oct.02 1968
eP 19:10:37.0
eS 11:10.6
Dist. 310 Km.

iP 19:14:50.6
eS 15:28.0
Dist. 330 Km.
Compression from ESE

eP 19:34:58.5
eS 35:12.6
Dist. about 110 Km.

03
eP 08:24:30.4
e 25:01.9
Distant shock

eP 19:08:16.8
eS 52.3
Dist. 320 Km.

eP 22:29:46.3
eS 30:26.8
Dist. 370 Km.

04
e(PKP) 00:59:42.3

eP 01:39:53.8
eS 40:41.1
Dist. 440 Km.

eP 06:12:44.1
eS 19:14
eSS 22:29
eG 23:12
eR 25:34
PZ 0.2 u T 1.0 sec.
Mag about 6
Dist. about 45°

eP 06:18:03.2
e(S) 19:17.0

eP 07:10:20.2
Distant shock

eP 08:58:33.2
eS 50.9
Dist. 150 Km.

eP 11:23:27.4
eS 24:06.9
Dist. 360 Km.

eP 17:21:02.4
eS 39.1
Dist. 330 Km.

eP 18:58:23.2
e(S) 48.9

Oct.04 1968
iP 19:29:44.9
iS 53.2
Dist. 80 Km.
Compression from N

eP 21:45:17.2
eS 25.2
Dist. 80 Km.

eP 23:02:28.7
eS 03:06.9
Dist. 340 Km.

05
eP 00:52:20.4
i 25.8
i(S) 53:02.7

eP 04:30:(01.4)
eS 20.9
Dist. about 170 Km.

eP 05:56:31.4
e(S) 46.4

eP 16:15:(11.7)
eS 39.2
Dist. about 250 Km.

06
eP 00:46:07.7
eS 35.5
Dist. 250 Km.

eP 01:25:53.1
eS 26:18.1
Dist. 220 Km.

eP 06:50:47.2
eS 58.0
Dist. 100 Km.

eP 12:38:28.6
e 29.1
eS 46.9
Dist. 150 Km.

eP 23:56:55.0
eS 57:46.3
Dist. 490 Km.

07
eP 05:30:48
eS 32:04.8
Dist. about 740 Km.

eP 10:00:17.5
iS 56.9
Dist. 350 Km.

eP 17:41:15.8
eS 29.6
Dist. 110 Km.

Y. Franulic
SEISMOLOGIST

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13 DEC
1968

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Sep. 22 1968
eP 21:55:08.8
i 12.2
e 56:14
eS 51.0
eSSS 57:20
eR 57:(42)
Dist. 10°
Depth 100 Km.

23 iP 18:16:22.8
iS 38.2
Dilatation
Dist 135 Km.

eP 18:38:28.5
Distant shock

eP 21:44:07.5
Distant shock

24 eP 01:46:22.7
Distant shock

iP 02:46:06.3
iS 26.7
Dilatation
Dist. 185 Km.
T 0.5 A 11.5

iP 12:50:56.6
eS 51:10.6
Compression
Dist. 120 Km.
Small

iP 17:37:24.6
iS 44.2
Dilatation
Dist. 175 Km.
Small

25 iP 02:37:35.0
eS 38:30.5
Compression from NW
Dist. 535 Km.

eP 02:47:54.0
Distant shock

eP 03:05:38.4
iS 06:03.4
Dist. 230 Km.

eP 05:50:32.2
eS 57.6
Dist. 235 Km.

eP 06:36:11.5
Distant shock

Sep. 25 1968
eP 07:15:29.0
eS 26:05
eQ 38:56
eR 42:44
Dist. 85°

iP 10:43:53.2
iS 44:11.6
Dilatation
Dist. 165 Km.
Small

eP 10:47:43.0
ePP 49:52
eS 54:58
eSS 58:12
eQ 11:00:56
eR 03:00
Dist. 57.5°
Mag 7.3

eP 12:42:18.3
eS 39.4
Dist. 190 Km.
Small

ePKP 14:47:06.0
Distant shock

eP 21:15:37.7
eS 16:18.5
Dist. 390 Km.

eP 21:41:04.3
Distant shock

eP 22:48:34.5
eS 49:04.7
Dist. 280 Km.

iP 23:20:58.0
iS 21:08.4
Dilatation
Dist. 85 Km.
Small

26 eP 01:05:55.5
Distant shock

iP 05:19:57.6
iS 20:06.5
Dilatation
Dist. 75 Km.
Small

Sep. 26 1968
iP 06:06:16.2
iS 36.5
Dilatation from NE
Dist. 185 Km.

iP 13:46:50.4
iS 47:09.0
Dilatation
Dist. 165 Km.

eP 14:50:26.8
Distant shock

iP 17:11:36.4
iS 53.0
Compression from NE
Dist. 145 Km.

eP 18:15:32.0
ePP 19:02.0
eS 25:56
eSS 31:44
eR 42:18
Dist. 86.2°
Mag 6.3

eP 19:03:03.8
Distant shock

27 iP 03:01:46.7
iS 02:03.6
Compression
Dist. 150 Km.
Small

eP 04:17:52.1
epP 18:07
ePP 21:20
eS 27:20
eSS 34:06
Dist. 75°

eP 08:48:12.6
Distant shock

eP 10:41:35.6
Distant shock

eP 10:57:33.1
Distant shock

29 iP 20:07:26.0
iS 40.5
Dist. 125 Km.

eP 22:17:05.6
Distant shock

30 eP 14:35:19.8
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Sep.30 1968
eP 18:22:12.6
eS 47.4
Dist. 330 Km.

iP 20:26:04.9
iS 40.8
Dilatation from SW
Dist. 340 Km.

iP 21:51:27.7
iS 30.6
Compression
Local

Oct.01 1968
eP 01:38:15.1
Distant shock

eP 08:20:22.1
eS 58.7
Dist. 345 Km.

eP 11:06:46.9
Distant shock

02 eP 04:56:26.6
iS 42.6
Dist. 140 Km.

ePKP 07:26:47.0

Oct.02 1968
eP 23:17:30.5
eS 57.2
Dist. 245 Km.

eP 23:31:16.2
e(S) 41.2
Dist. about 230 Km.

03 eP 12:02:47.5
eS 03:22.7
Dist. 330 Km.

04 eP 06:11:42.1
epP 12:09
ePP 13:19
eS 17:20
esS 18:09
eSS 20:16
eR 22:03
Dist. $37\frac{1}{2}°$

eP 14:29:04.7
Distant shock

eP 17:43:32.8
eS 44:11.6
Dist. 365 Km.

eP 22:00:30.0
Distant shock

Oct.05 1968
eP 00:54:48.0
Distant shock

eP 02:26:19.5
Distant shock

eP 02:34:11.3
Distant shock

eP 04:13:06.2
Distant shock

eP 06:41:32.0
eS 56.6
Dist. 225 Km.

iP 09:47:23.6
iS 36.6
Dilatation
Dist. 110 Km.
Small

eP 22:41:28.4
Distant shock

C. Gallardo
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Sep.20 1968
eP 16:39:08.6
e(S) 50
Dist. about 390 Km.

21 ePKP 13:25:44.6
Distant shock

22 eP 21:55:16.1
Distant shock

Sep.25 1968
eP 10:47:42.2
Distant shock

27 eP 22:11:04.2
Distant shock

28 eP 13:58:14.4
Distant shock

29 iP 20:07:19.0
iS 30.0
Compression
Dist. 90 Km.

Sep.30 1968
iP 20:26:00.8
iS 34.5
Dilatation
Dist. 315 Km.

Oct.01 iP 08:20:25.4

C. Gallardo
SEISMOLOGIST

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PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Sep.26 1968
ePPP 18:25:15
ePPS 32:00
eSS 36:40
eSSS 40:09
Dist. 87°

28 eP 13:59:07
ePP 14:00:13
eS 04:10
Dist. 29.5°

Oct.04 1968
eP 04:49:01
eS 22
Dist. 190 Km.

Oct.04 1968
eP 06:11:25
e(SS) 24:00
e(SSS) 26:15

06 eP 15:29:51
eS 55
Dist. 30 Km.

07 iP 12:21:47.2
iS 53.8
Dist. 50 Km.

Oct.07 1968
eP 19:39:14
e(S) 41:13

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Sep.11 1968
eP 08:33:40.7
Distant shock

eP 16:45:15.1
i 49.8
eS 46:06.7
Dist. 495 Km.

eP 18:28:08.8
e 38.3
eS 29:23.6
eR 29:57
Dist. 6.5°
Prof. 150 Km.

13 eP 09:26:(35.0)
e 27:05.5

eP 09:30:47.5
eS 31:(16)
Small
Dist. about 265 Km.

iP 23:52:30.3
iS 52:35.4
Dist. 30 Km.

14 iP 01:34:40.8
iS 46.6
Small
Dist. 36 Km.

eP 03:55:28.1
i 33.2

eP 04:01:30.0
iS 35.3
Small
Dist. 30 Km.

Sep.15 1968
iP 12:27:57.5
iS 28:09.5
Dist. 100 Km.

16 e(P) 14:14:25.5
Distant shock

17 iP 16:37:01.5
iS 09.0
Small
Dist. 55 Km.

19 eP 08:56:49.5
eS 58:48.5
Dist. about 10.6°

iP 14:06:51.5
iS 54.2
Small
Local

20 eP 06:08:29.0
e 55.2
ePP 10:29.9
eScP 13:41.5
Dist. 50.5°

iP 11:45:03.5
iS 07.5
Local

eP 16:39:46.2
e 41:25.5
e 38.0

21 eP 13:25:39.5
e 47.5
e 26:02.5

Sep.22 1968
eP 21:55:57.8
e 56:03.2
esP 37.0
eS 58:38.2
Dist. 15°

iP 22:26:28.5
iS (33)
Dist. about 30 Km.

25 eP 05:58:59.8
eS 59:20.8
Dist. 190 Km.

e 07:15:05.7
Distant shock

eP 10:47:54.6
e 59.4
e 48:23.2
Distant shock

27 eP 04:17:55.8
e(S) 21:04.7

28 eP 13:58:44
eS 14:03:05
Dist. 25°

30 eP 20:25:41.5
eS 59
Dist. 155 Km.

A. Sickinger
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Sep.20 1968
eP 07:30:20.3
eS 48.8
Dist. 260 Km.

iP 14:15:36.3
eS 16:19.3
i 22.5
Dist. 400 Km.
Compression from SSE

eP 16:39:53.8
i 40:07.4
e(S) 41:27.0
i 36.1

eP 22:14:56.8
eS 15:35.3
Dist. 350 Km.

21 e(P) 01:34:21.7
e 24.7
e(S) 55.8

e(P) 06:24:34.8
e(S) 25:27.7

$iPKP_1$ 13:25:39.5
i 41.7
$ePKP_2$ 26:00
eSKSP 39:30
eSS 48:08
eSSS 54.0
eG 14:06.0
eR 14.0
Dist. about 147 Km.

iP 15:24:51.0
iS 25:08.7
Dist.150 Km.
Compression from E

eP 16:21:29.0
eS 22:08.7
Dist. 360 Km.

eP 20:57:30.9
eS 58:22.6
Dist. 490 Km.

22 eP 00:58:51.1
eS 59:24.4
Dist. 300 Km.

Sep.22 1968
eP 01:39:55
eS 40:20.5
Dist. about 230 Km.

eP 05:54:17.1
eS 22.9
Dist. 50 Km.

eP 06:17:20
eS 34.1
Dist. about 110 Km.

eP 11:58:02.5
eS 22.8
Dist. 170 Km.

eP 12:42:20.0
e(S) 38.0

iP 12:56:57.0
iS 57:38.3
Dist. 390 Km.
Compression

eP 13:39:30
eS 59.3
Dist. 260 Km.

eP 13:45:55
eS 46:21.7
Dist. about 240 Km.

From Sep.22 at 16:15
to Sep. 23 at 13:38
no records.

23 eP 16:38:30
eS 58.2
Dist. about 250 Km.

eP 19:18:56.5
eS 19:33.9
Dist. 330 Km.

eP 23:48:41.7
eS 49:17.3
Dist. 320 Km.

24 iP 01:44:16.6
iS 55.4
Dist. 350 Km.
Dilatation

Sep.24 1968
eP 03:27:58.1
eS 28:22.7
Dist. 220 Km.

ePKP 03:54:32.9

eP 05:05:46.4
Distant shock

eP 06:10:45.2
eS 11:31.4
Dist. 430 Km.

eP 08:23:22.2
Local

eP 19:52:26.3
eS 51.3
Dist. 220 Km.

eP 22:58:13.0
eS 34.3
Dist. 180 Km.

eP 23:20:21.7
eS 21:08.6
Dist. 440 Km.

25 eP 05:50:(20.1)
eS 40.6
Dist. about 180 Km.

eP 06:33:37.4
i 37.6
i 34:07.9
Dist. 280 Km.

iP 09:20:16.7
iS 53.2
Dist. 330 Km.
Compression from SE

iP 10:28:06.5
iS 22.9
Dist. 130 Km.
Compression from SW

eP 10:46:39.6
i 40.9
epP 50
ePP 48:26
ePPP 49:07
iS 53:14
iG 56:33
iR 59:00
Dist. 45°

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep. 25 1968
eP 15:23:53.5
eS 24:19
Dist. about 240 Km.

eP 17:59:31.5
eS 18:00:06.9
Dist. 310 Km.

eP 18:36:(35.2)
eS 37:12.8
Dist. about 340 Km.

eP 19:00:58.7
eS 01:03.3
Dist. 40 Km.

eP 21:39:51.5
eS 40:51.0
Dist. 580 Km.

26 eP 01:11:09.1
eS 15.2
Dist. 60 Km.

eP 08:55:(48.1)
e(S) 56:24.7

e(P) 12:04:22
eS 52.2

eP 13:37:15.9
eS 42.1
Dist. 230 Km.

eP 13:52:49.7

eP 16:59:36
e(S) 17:00:21.0

ePKP 18:15:57.8

eP 18:31:06.3
eS 32:07.8
Dist. 590 Km.

eP 21:18:23.0
eS 19:08.8
Dist. 430 Km.

27 eP 03:44:03.6
eS 25.1
Dist. 190 Km.

iPKP 04:18:16.5
e 21:41.5

Sep. 27 1968
iP 07:32:34.5
iS 33:10.5
Dist. 320 Km.
Compression from SE

e(P) 08:47:09
e 14.5
e(S) 56.9

eP 10:07:27.2
eS 08:00.7
Dist. 300 Km.

iP 10:39:23.0
iS 30
Dist. about 50 Km.
Compression from SE

eP 12:12:11.5
eS 27.7
Dist. 130 Km.

eP 15:57:00.7
eS 44.6
Dist. 410 Km.

eP 17:02:51.6
eS 03:31.0
Dist. 350 Km.

eP 18:11:54.2
Local

e(P) 22:06:47
e(S) 07:15.0

eP 22:11:41.2
e(S) 12:58.0

28 eP 00:45:(52.0)
e(S) 46:35.5

eP 00:49:28
eS 41.7
Dist. about 110 Km.

eP 10:06:15.6
eS 54.3
Dist. 350 Km.

iP 13:56:23.2
iS 58:25.6
eR 59:15
Dist. about 11°
Compression from N

Sep. 28 1968
eP 18:00:39.8
eS 57.0
Dist. 140 Km.

29 eP 04:02:38.6
Distant shock

eP 06:03:01.1
eS 49.9
Dist. 460 Km.

eP 07:53:28.1
eS 40.2
Dist. 100 Km.

eP 08:31:33.8
eS 32:12.7
Dist. 350 Km.

eP 20:22:02.0
e(S) 23:10.1

eP 21:50:(19.1)
eS 44.2
Dist. about 220 Km.

iP 22:15:42.2
iS 16:19
Dist. 330 Km.
Compression from SE

eP 23:03:49.3
eS 04:27.6
Dist. 340 Km.

30 eP 01:45:18.1
eS 37.0
Dist. 160 Km.

eP 02:30:35
Local

eP 07:16:31.7
e(S) 51.7

iP 08:06:01.3
iS 20.6
Dist. 160 Km.
Compression from NE

eP 10:57:46.4
e(S) 58:07.6

e(P) 13:38:32
eS 39:28.2

eP 14:35:39.6
Distant shock
PZ 0.12 u T 1.0 sec.

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PROVISIONAL READINGS AT ANTOFAGASTA

Sep.30 1968
eP 16:47:48.4
e(S) 48:37.6

e(P) 19:01:55
e(S) 02:29.3

Oct.01
eP 01:10:32.3
eS 11:01.0
Dist. 260 Km.

eP 05:21:59.7
eS 22:38.6
Dist. 350 Km.

e(P) 05:32:31
e(S) 33:00

eP 05:36:51.6
i(S) 37:13

eP 07:06:15.0
eS 29.4
Dist. 110 Km.

eP 07:43:50.1
eS 44:08.9
Dist. 160 Km.

eP 08:20:58.7
e(S) 22:05.0

eP 11:05:16.2
i(S) 36.1

eP 14:49:27
e(S) 50:15.0

eP 15:19:38.4
eS 58.3
Dist. 170 Km.

02
eP 01:13:35.0
eS 14:11.6
Dist. 330 Km.

eP 07:50:10.1
eS 47.1
Dist. 330 Km.

eP 11:33:40

eP 18:10:26.5
eS 40.0
Dist. 110 Km.

eP 19:05:18.5
e(S) 40.2

Oct.02 1968
eP 19:10:37.0
eS 11:10.6
Dist. 310 Km.

iP 19:14:50.6
eS 15:28.0
Dist. 330 Km.
Compression from ESE

eP 19:34:58.5
eS 35:12.6
Dist. about 110 Km.

03
eP 08:24:30.4
e 25:01.9
Distant shock

eP 19:08:16.8
eS 52.3
Dist. 320 Km.

eP 22:29:46.3
eS 30:26.8
Dist. 370 Km.

04
e(PKP) 00:59:42.3

eP 01:39:53.8
eS 40:41.1
Dist. 440 Km.

eP 06:12:44.1
eS 19:14
eSS 22:29
eG 23:12
eR 25:34
PZ 0.2 u T 1.0 sec.
Mag about 6
Dist. about 45°

eP 06:18:03.2
e(S) 19:17.0

eP 07:10:20.2
Distant shock

eP 08:58:33.2
eS 50.9
Dist. 150 Km.

eP 11:23:27.4
eS 24:06.9
Dist. 360 Km.

eP 17:21:02.4
eS 39.1
Dist. 330 Km.

eP 18:58:23.2
e(S) 48.9

Oct.04 1968
iP 19:29:44.9
iS 53.2
Dist. 80 Km.
Compression from N

eP 21:45:17.2
eS 25.2
Dist. 80 Km.

eP 23:02:28.7
eS 03:06.9
Dist. 340 Km.

05
eP 00:52:20.4
i 25.8
i(S) 53:02.7

eP 04:30:(01.4)
eS 20.9
Dist. about 170 Km.

eP 05:56:31.4
e(S) 46.4

eP 16:15:(11.7)
eS 39.2
Dist. about 250 Km.

06
eP 00:46:07.7
eS 35.5
Dist. 250 Km.

eP 01:25:53.1
eS 26:18.1
Dist. 220 Km.

eP 06:50:47.2
eS 58.0
Dist. 100 Km.

eP 12:38:28.6
e 29.1
eS 46.9
Dist. 150 Km.

eP 23:56:55.0
eS 57:46.3
Dist. 490 Km.

07
eP 05:30:48
eS 32:04.8
Dist. about 740 Km.

eP 10:00:17.5
iS 56.9
Dist. 350 Km.

eP 17:41:15.8
eS 29.6
Dist. 110 Km.

Y. Franulic
SEISMOLOGIST

PLEASE POST CARDS IN BUNDLES

THICKENHAM A RICHMOND 4 1SOM 13 DEC 1968

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6 South Oswald Road
Edinburgh 9.

IMPRESO ORDINARIO

4 NOV 1968

UNIVERSIDAD DE CHILE
Departamento de Geofísica 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

Oct.06 1968
iP 00:48:16.3
iS 34.9
Dilatation
Dist. 165 Km.
Small

eP 04:13:48.9
eS 14:17.4
Dist. 265 Km.

eP 08:02:10.9
Distant shock

eP 09:19:24.8
Distant shock

iP 14:02:22.3
Distant shock
Dilatation

07 iP 03:49:43.2
Distant shock
Dilatation from SE

iP 05:29:57.7
iS 30:36.5
Dilatation from N
Dist. 380 Km.

iP 08:09:06.8
iS 28.5
Compression
Dist. 195 Km.

iP 15:27:14.5
eS 24.5
Dilatation
Dist. 80 Km.
Small

Oct.07 1968
eP 19:39:05.6
ePP 41:12
ePPP 42:40
eS 46:23
eQ 51:40
eR 54:20
Dist. 52.5°

eP 21:08:55.0
Distant shock

eP 22:51:35.7
Distant shock

08 eP 02:02:34.4
Distant shock

iP 03:12:40.4
iS 13:04.2
Dilatation from NW
Dist. 220 Km.

iP 10:42:22.2
iS 34.0
Compression from NE
Dist. 100 Km.

eP 14:55:59.2
eS 57:44
eR 59:28
Dist. 10°

eP 20:14:04.3
iS 35.6
Dist. 295 Km.

09 eP 05:31:17.8
eS 52.8
Dist. 330 Km.

Oct.09 1968
eP 11:19:56.0
eS 20:12.5
Dist. 145 Km.
Small

iP 11:59:06.0
iS 16.4
Dilatation
Dist. 85 Km.

iP 18:13:44.7
iS 14:07.5
Compression from SE
Dist. 210 Km.

eP 23:28:42.2
Distant shock

10 eP 04:26:44.3
Distant shock

eP 08:53:06.2
eS 54:07
Dist. 590 Km.

C. Gallardo
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.07 1968
iP 05:30:02.5
Distant shock

e(P) 19:39:06.5
Distant shock

Oct.08 1968
iP 10:42:22.7
iS 35.2
Dilatation
Dist. 105 Km.

eP 14:56:01.0
Distant shock

Oct.08 1968
e(P) 20:14:05.5
eS 22.5

09 iP 18:13:40.6
iS 14:00.5
Compression
Dist. 180 Km.

C. Gallardo
Seismologist

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Santiago, Chile

22 - 68

PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.07 1968
i(PKP) 19:39:11.7
e(PKP) 21:23:43.4

eP 23:58:10.4
eS 28.7
Dist. 150 Km.

08 iP 10:48:25.9
i 26.7
iS 42.2
Dist. 130 Km.
Compression from NE

iP 14:54:33.2
i(S) 55:06

eP 15:01:56.4
Local

eP 15:14:13.5
eS 53.7
Dist. 360 Km.

eP 16:13:16.4
eS 57.0
Dist. 360 Km.

eP 16:53:31.5
e(S) 54:13.3

eP 18:18:01.0
eS 21.7
Dist. 180 Km.

eP 18:48:04
eS 31.8
Dist. about 250 Km.

eP 19:23:58.0
eS 24:42.2
Dist. about 410 Km.

Oct.08 1968
eP 20:15:22
eS 16:47.6
Dist. about 830 Km.

09 eP 04:04:34.5
eS 05:15.0
Dist. 370 Km.

eP 07:04:54.0
eS 05:02.0
Dist. 80 Km.

eP 15:58:42
eS 59:14.6
Dist. about 300 Km.

eP 19:24:16.6
eS 33.8
Dist. 140 Km.

eP 19:53:06.6
eS 28,5
Dist. 190 Km.

10 eP 04:37:17.7
e(S) 51.5

eP 08:52:53.1
eS 53:44.5
Dist. 490 Km.

eP 15:28:33.0
Distant shock

eP 20:29:56.2
eS 30:09.7
Dist. 110 Km.

11 eP 03:26:18.0
eS 22.3
Dist. 40 Km.

Oct.11 1968
eP 07:10:26.4
e(S) 56.8
i 11:13.8

iP 07:50:57.3
iS 51:11
Dist. about 110 Km.
Dilatation from N

e(P) 08:17:40.1
e(S) 19:21.6

iP 14:18:39.9
iS 19:06.8
Dist. 240 Km.
Compression from S

e(P) 15:29:03.5
eS 30:24.0

eP 18:31:53
e 32:04.7
e(S) 33:20.1

iP 21:11:35.5
iS 12:15.3
Compression from ESE
Dist. 360 Km.

12 eP 03:57:34.2
e(S) 59:05.4

eP 04:09:03.4
e(S) 32.9

iP 04:44:02.7
iS 38.3
Dist. 320 Km.
Compression from SE

Y. Franulic
Seismologist

INTERNATIONAL SEISMOLOGICAL
SUMMARY
KEW OBSERVATORY
RICHMOND SURREY ENGLAND

28 JAN 1969

UNIVERSIDAD DE CHILE
Departamento de Geofísica y Geodesia

Casilla 2777
Santiago, Chile

23 - 68

PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.10 1968
eP 21:59:47.4
eS 50.0
Local

11 eP 00:18:24.8
eS 38
Dist. 110 Km.

eP 05:23:32.0
eS 50.6
Dist. 165 Km.

eP 07:53:19.3
eS 55:16.2
Dist. 10.5°

eP 08:16:42.2
e(S) 17:22.6

eP 08:54:38.5
eS 55:08.5
Dist. 280 Km.

eP 14:19:41.6
eS 21:26
Dist. 980 Km.

14 eP 07:47:14.7
Distant shock

eP 14:30:38.3
eS 55.2
Dist. 150 Km.

iP 21:29:00.0
iS 07.5
Compression
Dist. 55 Km.

15 eP 03:36:08.3
eS 27.1
Dist. 170 Km.

eP 16:25:45
Distant shock

15 eP 17:42:02.3
eS 12.0
Dist. 75 Km.

eP 18:09:31
eS 47.2
Dist. 140 Km.

Oct.15 1968
eP 19:55:04.3
eS 18.4
Dist. 120 Km.

eP 20:28:56.3

eP 23:42:23.6
eS 39.2
Dist. 135 Km.

16 eP 00:25:58.7
eS 27:24.0
Dist. 840 Km.

eP 17:22:12.1
eS 23:18.7
Dist. 650 Km.

17 eP 00:54:25.2
eS 56.5
Dist. 295 Km.

eP 14:54:04.5
eS 21.3
Dist. 150 Km.

eP 16:31:05.9
i 19.4
Distant shock

eP 22:16:26.7
eS 17:00.5
Dist. 320 Km.

18 iP 02:44:25.8
eS 47.5
Dist. 185 Km.
Compression from S

iP 10:31:57
eS 32:08.5
Dist. 95 Km.

eP 12:27:03.4
eS 15.2
Dist. 100 Km.
Compression from SE

ePKP 15:58:49.5
Distant shock

eP 21:30:30.0
i 31:16.5

Oct.18 1968
eP 22:07:14.5
Explosion?

19 eP 01:16:28.8
eS 44.6
Dist. 140 Km.

eP 14:11:03
eS 30.3
Dist. 255 Km.

20 eP 07:01:30.2
eS 41.5
Dist. 95 Km.

eP 08:32:54.5
eS 33:33.8
Dist. 375 Km.

iP 09:18:50.3
eS 19:11.2
Dist. 190 Km.

eP 13:31:45.0
e(S) 54.5

21 eP 15:47:01.7
eS 04.5
Small
Local

eP 17:16:53.8
eS 17:16
Dist. 200 Km.

eP 18:03:39
eS 01.5
Dist. 205 Km.

eP 18:39:35.2
eS 56
Dist. 190 Km.

22 eP 00:33:41
eS 59.5
Dist. 165 Km.

iP 05:30:41.2
eS 31:06.5
Dist. 235 Km.

eP 05:55:31
eS 48
Dist. 150 Km.
Small

TWICKENHAM & RICHMOND
2 1PM
27 JAN
1969

Twickenham
rag
week
9-15 feb '69

NOV
-PM

SANTIAGO
NOV
-PM

TELEX:
EL MEDIO DE
COMUNICACION
DE NUESTRA EPOCA

LINEA AEREA NACIONAL CHILE
FAO
20 cts
CAMPAÑA MUNDIAL CONTRA EL HAMBRE

LINEA AEREA NACIONAL CHILE
FAO
20 cts
CAMPAÑA MUNDIAL CONTRA EL HAMBRE

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~

6, South Oswald Road,
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SCOTLAND.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

Oct.28 1968
eP 23:46:51
ePP 51:21.0
eSP 00:00:42
ePPS 02:19
eR 23:29
Dist. 108.7°
Mag. 7.4
h > 100 Km.

Oct.29 1968
ePKP 04:26:02.1
iP 04:48:45
eS 49:01.3
Dist. 145 Km.

H. Becker
Seismologist

PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.11 1968
eP 07:53:(20)
eP 08:16:46
eP 18:31:14
12 eP 03:56:25
13 eP 06:47:15.2
e(S) 36.5
eP 12:05:09.5
14 eP 21:29:05.5
eS 16
Dist. 85 Km.

Oct.15 1968
eP 17:42:02.5
18 eP 02:44:21.8
eP 10:31:52.2
19 eP 01:16:33.2
eS 51.2
Dist. 165 Km.
20 eP 09:18:46.6
eS 19:05.6
Dist. 170 Km.
eP 13:31:48.3

Oct.21 1968
eP 17:16:56.5
22 eP 05:30:42.3
24 eP 10:42:08.5
eP 17:35:29.3

H. Becker
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.05 1968
iP 02:25:20.9
iS 27.1
Dist. 40 Km.
iP 02:33:13.4
iS 19.5
Dist. 40 Km.
eP 09:41:27.3
i 28.3
iS 33.5
Small
Dist. 40 Km.
07 eP 19:39:10.3
i 16.0
ePP 41:13.7
e 21.0
Dist. 1200 Km.
eP 21:08:(58.7)

Oct.08 1968
eP 14:56:52.4
Distant shock
09 eP 18:13:57.5
e 14:27.9
eS 43.6
Dist. 440 Km.
11 e(P) 07:54:04
e 57:25
Distant shock
13 eP 06:47:34.6
e 48:10.0
e(S) 13.8
Dist. 400 Km.
iP 10:18:10.3
iS 17.1
Small
Dist. 48 Km.

A. Sickinger
Seismologist

Oct.13 1968
eP 12:05:56.4
e 06:09.7
e 37.9
eS 56.5
eL 07:13.9
e 21.4
Dist. 580 Km.
16 eP 00:25:04.5
eS 46
e 24.2
eS 26:11.4
Dist. 650 Km.
18 eP 02:44:23.5
e 30.1
eS 49
Dist. 235 Km.
eP 22:31:(30)
eS 32:00.5
On minute mark
Dist. 285 Km.

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23 - 68

PROVISIONAL READINGS AT ANTOFAGASTA

Oct.23 1968
eP 21:24:13.6
ePP 27:13
ePPP 30:12
eSKS 31:12
eSS 45:16
eG 22:00:44
eR 08.5
Dist. about 139°

eP 21:31:01.6
eS 27.5
Dist. 230 Km.

24 eP 01:30:43.4
i 49.4
i(S) 31:30.6

eP 02:30:52.4
eS 31:22.5
Dist. 270 Km.

e(P) 04:44:33
eS 51.9

eP 05:20:36
Distant shock

eP 06:50:07.4
Local

eP 10:43:54
e(S) 45:31.9

Oct.24 1968
ePKP 14:18:30.5

ePKP 16:11:09
epPKP 23.3
eSKKS 22:06
eSS 35:00
eSSS 41:16
eG 54:30
eR 17:06:00
Dist. about 156°

iP 17:36:10.9
i(S) 08:05
Compression from SW

iP 20:30:32.8
iS 31:10.1
Dist. 330 Km.
Compression

eP 23:47:37.0
eS 48:13.1
Dist. 320 Km.

iP 23:52:30.5
iS 37.5
Dist. 70 Km.
Dilatation

25 eP 04:59:31.2
eS 42.2
Dist. 100 Km.

Oct.25 1968
e(P) 06:46:24
eS 59.4

eP 10:49:46.7
e(S) 54:00.4

eP 11:01:04.1
iS 02:00.0

26 eP 00:20:(53.1)
eS 21:31.0
Dist. about 340 Km.

eP 00:42:35.4
iS 58.1
Dist. 200 Km.

eP 10:29:31.3
eS 53.6
Dist. 190 Km.

eP 12:07:46
eS 08:06.0
Dist. about 170 Km.

eP 12:49:23.6
e(S) 52.1

Y. Franulic
Seismologist.

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Santiago, Chile

23 - 68

PROVISIONAL READINGS AT ANTOFAGASTA

Oct.19 1968
eP 00:56:24.2
eS 57:29.7
Dist. 630 Km.

eP 01:26:17.4
eS 54.6
Dist. 330 Km.

iP 14:51:37.4
iS 52:13.6
Dist. 320 Km.
Compression from SE

eP 19:02:09.3
eS 36.6
i 38.1
Dist. 240 Km.

eP 19:14:55
eS 15:23.6
Dist. about 260 Km.

20 eP 01:31:(19.4)

eP 04:50:56.6
eS 51:18.0
Dist. 180 Km.

eP 05:06:54
eS 07:20.3
Dist. about 230 Km

eP 07:14:15
eS 42.4
Dist. about 240 Km.

eP 07:50:21
eS 39.2
Dist. about 150 Km.

eP 11:20:55.2
iS 21:27.2
Dist. 290 Km.

eP 15:22:47.0
eS 23:33.0
Dist. 430 Km.

iP 21:13:06.2
eS 24.2
i 28.4
Dist. 150 Km.
Compression from S

21 e(P) 00:13:00
Local

eP 00:27:35.7
iS 52.2
Dist. 140 Km.

Oct.21 1968
e(P) 01:30:(36,2)
i(P) 53.5
iS 48.6
Two shocks?

eP 02:21:(53.4)
eS 22:13.2
Dist. about 170 Km.

eP 03:35:37.8
eS 51.6
Dist. 110 Km.

iP 14:18:29.1
iS 38.4
Dist. 90 Km.
Compression from SW

eP 16:20:10.8
eS 48.0
Dist. 330 Km.

eP 17:21:18
Distant shock

eP 19:24:11.5
eS 20.7
Dist. 90 Km.

eP 20:38:04.1
eS 40.0
Dist. 320 Km.

eP 21:51:25.5
eS 49.8
Dist. 210 Km.

22 eP 00:18:49.0
eS 19:26.0
Dist. 330 Km.

eP 02:46:02.0
eS 40.5
Dist. 350 Km.

eP 06:05:01.7
eS 51.1
Dist. 460 Km.

eP 07:53:17
ePP 54:24
eS 59:10
eG 08:02:05
eR 03:30
Dist. about 39°

iP 09:51:04.1
i 06.6
iS 31
Dist. about 240 Km.
Compression from S

Oct.22 1968
eP 11:58:11.7
Local

eP 12:01:13.6
eS 49.7
Dist. 320 Km.

eP 15:23:30.6
i(S) 24:42.8

eP 16:40:09.0
eS 25.8
Dist. 140 Km.

eP 18:36:33.0
Local

eP 19:43:25.5
eS 44:01.3
Dist. 320 Km.

eP 20:29:(56.8)
eS 30:01.9
Dist. about 40 Km.

23 eP 01:15:56.3
eS 16:02.4
Dist. 50 Km.

iP 07:07:57.1
iS 08:12
Dist. about 120 Km.
Dilatation

eP 13:16:26.8
eS 43.5
Dist. 140 Km.

e(PKP) 13:45:41.0

e(P) 14:17:18.0
e(S) 18:11.2

eP 14:22:45.3
eS 23:06.8
Dist. 190 Km.

eP 16:51:44.5
eS 58.2
Dist. 110 Km.

e(P) 19:20:22.4
eS 49.2

e(P) 19:49:16.7
eP 41.7
eS 52.3
Two shocks?

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PROVISIONAL READINGS AT ANTOFAGASTA

Oct.23 1968

	eP	21:24:13.6
	ePP	27:13
	ePPP	30:12
	eSKS	31:12
	eSS	45:16
	eG	22:00:44
	eR	08.5
	Dist. about 139°	
	eP	21:31:01.6
	eS	27.5
	Dist. 230 Km.	
24	eP	01:30:43.4
	i	49.4
	i(S)	31:30.6
	eP	02:30:52.4
	eS	31:22.5
	Dist. 270 Km.	
	e(P)	04:44:33
	eS	51.9
	eP	05:20:36
	Distant shock	
	eP	06:50:07.4
	Local	
	eP	10:43:54
	e(S)	45:31.9

Oct.24 1968

	ePKP	14:18:30.5
	ePKP	16:11:09
	epPKP	23.3
	eSKKS	22:06
	eSS	35:00
	eSSS	41:16
	eG	54:30
	eR	17:06:00
	Dist. about 156°	
	iP	17:36:10.9
	i(S)	08:05
	Compression from SW	
	iP	20:30:32.8
	iS	31:10.1
	Dist. 330 Km.	
	Compression	
	eP	23:47:37.0
	eS	48:13.1
	Dist. 320 Km.	
	iP	23:52:30.5
	iS	37.5
	Dist. 70 Km.	
	Dilatation	
25	eP	04:59:31.2
	eS	42.2
	Dist. 100 Km.	

Oct.25 1968

	e(P)	06:46:24
	eS	59.4
	eP	10:49:46.7
	e(S)	54:00.4
	eP	11:01:04.1
	iS	02:00.0
26	eP	00:20:(53.1)
	eS	21:31.0
	Dist. about 340 Km.	
	eP	00:42:35.4
	iS	58.1
	Dist. 200 Km.	
	eP	10:29:31.3
	eS	53.6
	Dist. 190 Km.	
	eP	12:07:46
	eS	08:06.0
	Dist. about 170 Km.	
	eP	12:49:23.6
	e(S)	52.1

Y. Franulic
Seismologist.

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~

6, South Oswald Road,
Edinburgh 9,
SCOTLAND.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Oct.29 1968
eP 12:58:36.0
eS 55.5
Dist. 175 Km.

eP 17:20:15.2
Distant shock

30 eP 05:33:39.5

iP 06:04:25.5
iS 46.5
Dist. 190 Km.
Dilatation from NE

iP 07:35:56.4
iS 36:16
Dist. 175 Km.
Dilatation from NE

iP 15:21:56.2
iS 22:11.5
Compression from NE
Dist. 125 Km.

eP 17:04:05
Distant shock

eP 17:15:41.2
eS 58.5
Dist. 155 Km.

eP 20:48:31.5
eS 49.5
Dist. 170 Km.

eP 23:54:31
eS 44.4
Dist. 115 Km.

31 iP 08:35:01.9
eS 39.8
Dist. 360 Km.

iP 09:19:39.2
iS 22:52
Dist. 18°

eP 16:29:23.2
eS 35.7
Dist. 105 Km.

Nov.01 1968
eP 08:17:00.7
e(S) 18:17

02 eP 13:17:42.5
Distant shock

Nov.02 1968
iP 16:39:53.4
eS 40:40.3
Dist. 450 Km.

eP 20:24:57
eS 25:33.4
Dist. 345 Km.

eP 22:51:57.8
Distant shock

03 eP 00:06:14.6
eS 49.2
Dist. 225 Km.

eP 08:29:25.2
Distant shock

iP 12:57:55.3
eS 58:13.8
Dist. 165 Km.
Dilatation

eP 15:26:11
eS 45.5
Dist. 325 Km.

eP 23:10:15.9
eS 31.6
Dist. 135 Km.

04 eP 04:04:58.5
eS 05:20.0
Dist. 195 Km.

eP 05:41:41.7
eS 54
Dist. 105 Km.

iP 13:17:49.3
Distant shock

eP 20:44:46.8
eS 45:08.7
Dist. 200 Km.

05 eP 09:53:12
Distant shock

eP 23:22:47.3
e 23:36.2

eP 01:02:49.5
Distant shock

06 eP 14:52:11.8
eS 42.5
Dist. 285 Km.

Nov.06 1968
eP 15:58:20.3
eS 27.7
Dist. 55 Km.

eP 23:56:57.3
e 57:13.4
eS 58:09.2
Dist. 700 Km.

07 iP 02:37:26.2
iS 34.8
Compression
Dist. 65 Km.

eP 03:15:51.8
eS 04.5
Small
Dist. 105 Km.

eP 03:45:53.5
Distant shock

eP 10:17:34.3
eS 20:47
eR 21:38
Dist. 17 ½°

eP 13:12:16.5
eS 42.6
Dist. 240 Km.

eP 17:51:27.6
Distant shock

eP 19:25:47.0
eS 26:08.8
Dist. 200 Km.

eP 20:51:08.5
eS 36.5
Dist. 240 Km.

eP 20:59:25.7
eS 33.3
Dist. 55 Km.

eP 21:36:08.7
eS 22.8
Dist. 120 Km.

eP 23:42:59.5
eS 43:13
Dist. 115 Km.

08 iP 03:34:33.5
iS 46.8
Dist. 115 Km.

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PROVISIONAL READINGS AT PELDEHUE

Nov.08 1968
eP 04:53:32
eS 51.2
Dist. 170 Km.

eP 06:54:06.3
eS 55:13.7
Dist. 655 Km.

eP 08:22:05.2
eS 28.7
Dist. 215 Km.

eP 10:07:30.5
eS 08:02
Dist. 295 Km.

eP 11:46:55.7
eS 47:54.3
Dist. 565 Km.

eP 12:36:07
eS 26.7
Dist. 175 Km.

eP 16:16:07.0
iS 26.7
Dist. 175 Km.

iP 18:03:30.3
iS 41.6
Dist. 95 Km.
Dilatation from SW

eP 18:54:04
eS 55:25.4
Dist.805 Km.

09 eP 02:37:57.5
Distant shock

eP 07:05:59.2
Distant shock

eP 12:58:26.8
eS 49.6
Dist. 110 Km.

eP 17:13:04.8
Distant shock

eP 20:07:30.6
eS 49.3
Dist. 165 Km.

iPKP 20:50:13.5
Distant shock

Nov.09 1968
eP 21:48:14.2
eS 42.8
Dist. 265 Km.

eP 22:11:56.4
eS 09.8
Dist. 115 Km.

10 eP 01:53:39
eS 54:03.8
Dist. 230 Km.

iP 13:55:14.5
iS 27.2
Dist. 105 Km.

eP 17:02:16.5
eS 31.2
Dist. 125 Km.
Small

11 eP 00:29:27.5
eS 48,2
Dist. 185 Km.

eP 00:31:06.4
eS 15.0
Dist. 65 Km.

eP 00:45:02.5
eS 12.3
Dist. 80 Km.

iP 06:35:12.1
iS 24.4
Dist. 105 Km.

iP 10:28:41.7
iS 55.0
Dist. 115 Km.

iP 14:12:54.4
iS 13:10.6
Compression
Dist. 140 Km.

eP 15:01:10.5
Distant shock

eP 21:49:25.5
eS 38
Dist. 105 Km.

12 eP 09:17:20.8
Distant shock

Nov.12 1968
eP 15:19:45.3
eS 59
Dist. 115 Km.

13 eP 01:08:30.5
Distant shock

eP 16:51:47
eS 52:19
Dist. 300 Km.

eP 19:01:40.3
Distant shock

eP 23:19:55.2
e(S) 20:26.2

14 eP 02:28:47.3
eS 58.3
Dist. 90 Km.

eP 03:54:06.8
eS 20.0
Dist. 110 Km.

eP 05:35:21
eS 33.7
Dist. 105 Km.

eP 05:50:04
eS 25.3
Dist. 195 Km.

iP 12:32:43.8
iS 57.0
Dist. 110 Km.
Dilatation from NE

eP 13:08:35
Distant shock

eP 16:48:12.5
eS 38.7
Dist. 240 Km.

H. Becker
SEISMOLOGIST

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Oct.30 1968 eP 15:21:59.6
eS 22:17
Dist. 155 Km.

Nov.06 eP 15:58:22
eS 31.5
Dist. 75 Km.

eP 23:57:01

Nov.07 1968 eP 02:37:26.7

eP 23:43:02.2
eS 17.6
Dist. 135 Km.

08 eP 16:16:04.8

iP 18:03:32.4

Nov.10 1968 eP 13:55:18.5
eS 35.8
Dist. about 155 Km.

11 eP 06:35:09.8
eS 20.8
Dist. about 90 Km.

H. Becker
SEISMOLOGIST.

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Oct.23 1968 eP 20:42:18
eS 40
Dist. 190 Km.

e(P) 21:22:13
e 25:15
e 39:00
e 45:55

24 eP 12:00:02
eS 13
Dist. 90 Km.

eP 14:03:29
eS 31

eP 17:36:53
eS 38:45
Dist. 1700 Km.

Oct.28 1968 eP 05:40:53
iS 41:05.5
Dist. 100 Km.

eP 08:23:07
e(S) 21

31 eP 01:11:28
iS 35.5
Dist. 60 Km.

eP 09:20:51
eS 25:08
Dist. 2700 Km.

Nov.01 eP 08:15:51
eS 16:09
Dist. 150 Km.

Nov.06 1968 e(P) 11:11:37
eS 47

09 e(P) 18:28:46
eS 58

11 eP 01:40:35
iS 34.5
Dist. 70 Km.

iP 09:32:33
eS 39
Dist. 50 Km.

eP 09:47:06
eS 12
Dist. 50 Km.

R. Schulz
Seismologist

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Oct.22 1968 eP 11:19:55.5
i 59.2
eS 20:16.5
Dist. 190 Km.

24 eP 01:01:53.0
Distant shock

eP 14:03:(26.0)
eS 53.6
Dist. about 255 Km.

eP 17:36:18.5
e 24.7
e 46.0
eS 37:(44.0)
Dist. about 835 Km.

Oct.26 1968 eP 08:41:51.4
e(S) 42:00.3

31 eP 09:20:19.7
e 36.0
e 26:05.2
Distant shock

Nov.01 eP 08:16:04.4
eS 36.0
Dist. 295 Km.

02 iP 16:39:11.5
iS 26.0
Dist. 125 Km.

Nov.03 1968 eP 15:25:49.4
eS 26:06.6
Dist. 150 Km.

A. Sickinger
Seismologist

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Oct.26 1968
iP 16:11:08.2
eS 32.7
Dist. 220 Km.
Compression from ENE

ePKP 16:16:02.5

eP 18:37:07.2
e(S) 59.0

eP 19:29:57.8
eS 30:04.0
Dist. 60 Km.

e(P) 19:48:52
eS 49:16.6

eP 20:07:09.3
e(S) 40

eP 22:11:30.2
e(S) 12:39.5

27 iP 04:25:10.3
iS 42.3
Dist. 290 Km.
Dilatation

eP 11:04:19.2
eS 56.9
Dist. 340 Km.

eP 13:13:18
e(S) 14:41.6

iP 14:04:29.3
eS 05:31.9
i 33.4
Dist. 650 Km.
Compression from N

e(P) 17:51:59.4
eS 52:31.2

eP 19:30:40.4
eS 31:19.2
Dist. 350 km.

eP 23:42:59.4
eS 43:09.4
Dist. 90 Km.

eP 23:44:36.6
eS 45:00.3
Dist. 210 Km.

Oct.28 1968
eP 00:56:54.6
eS 57:27.5
Dist. 310 Km.

iP 02:54:19.5
iS 55
Dist. about 320 Km.
Compression from SE

eP 06:33:41.8
eS 34:23.0
Dist. 380 Km.

e(P) 13:05:32.5
e 55.4
e(S) 06:14.3
Two shocks?

ePKP 15:00:30.2

iP 15:35:48.6
iS 36:07.9
Dist. 160 Km.
Compression from SE

eP 16:11:34.9
eS 12:13.4
Dist. 350 Km.

eP 16:28:35.2
eS 29:02.6
Dist. 240 Km.

eP 23:47:15
ePP 51:57
ePS 00:01:39
eSS 07:47
eG 18:36
eR 25:30
Dist. about 114°

29 e(PKP) 04:25:58.6

iP 10:00:24.5
iS 59.1
Dist. 310 Km.
Compression from SE

e(P) 13:14:29.6
eS 50.2

ePKP 17:20:(37.8)

iP 18:22:50.8
iS 23:40.0
Dist. 460 Km.
Compression from S

Oct.29 1968
eP 19:28:06
eS 28.0
Dist. about 190 Km.

30 iP 00:23:13.9
iS 52.4
Dist. 350 Km.
Compression from E

eP 02:38:03
eS 38.4
Dist. about 310 Km.

eP 04:21:19.4
eS 44.3

eP 04:38:32
eS 39:07.4
Dist. 310 Km.

eP 06:05:59.4
eS 07:35.8
Dist. 930 Km.

e(P) 14:58:35.8
Local

eP 18:34:13.2
iS 18.0
Dist. 40 Km.

eP 19:33:51.0
Local

eP 22:01:04.1
eS 28.5
Dist. 210 Km.

31 eP 01:21:55.2
iS 22:32.5
Dist. 330 Km.

eP 04:00:06
e(S) 32

iP 08:27:23.0
iS 27.9
Dist. 40 Km.
Compression from NW

eP 09:17:34.0
i^n 35.4
eP 56.9
eS^g 18:54
eR 19:31
Dist. about 7.5°

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PROVISIONAL READINGS AT ANTOFAGASTA

Oct.31 1968
eP 14:30:02.6
eS 26.4
Dist. 210 Km.

eP 14:38:43.3
PZ 0.14 u T 1.0 sec.

Nov.01
eP 06:18:23.8
eS 19:00.7
Dist. 330 Km.

eP 11:54:03.3
eS 13.7
Dist. 90 Km.

eP 13:38:28.5
Distant shock

eP 20:26:49.0
i 49.3
Local

eP 22:05:47.7
eS 06:25.5
Dist. 340 Km.

02
eP 02:25:31.7
eS 53.0
Dist. 180 Km.

eP 06:49:55.4
eS 50:36.4
Dist. 370 Km.

eP 08:09:29.1
eS 10:04.7
Dist. 320 Km.

eP 09:38:00.9
eS 05.7
Dist. 40 Km.

eP 11:53:37.1
i 38.7
iS 54:01.1
Dist. 210 Km.

iP 13:15:43.6
iS 16:12.9
Dist. 260 Km.
Compression

e(P) 11:30:28.4
eS 31:52.1

e(P) 18:16:11
eS 32.0

iP 18:36:12.8
iS 47.5
Dist. 310 Km.
Compression from E

Nov.02 1968
eP 23:33:44.5
eS 34:23.9
Dist. 350 Km.

03
eP 00:32:38
eS 03:00.9
Dist. about 200 Km.

eP 04:41:15.4
i 15.9
eS 38.9
Dist. 210 Km.

eP 10:16:21.4
eS 56.1
Dist. 310 Km.

iP 11:06:45.1
eS 07:21.8
Dist. 330 Km.
Compression from ESE

eP 13:58:28.6
eS 54.8
Dist. 230 Km.

eP 16:07:38
eS 53.3
Dist. about 120 Km.

eP 18:07:03.3
eS 19.1
Dist. 130 Km.

eP 19:09:30.0
eS 52.9
i 54.4
Dist. 200 Km.

eP 20:09:23.1
e(S) 10:02.3

04
eP 03:29:46.5
eS 30:23.6
Dist. 330 Km.

iP 04:08:17.1
iS 44.3
Dist. 240 Km.
Compression from ESE

eP 06:24:42.7
eS 30:23.0
Dist. 360 Km.

eP 06:50:12.1
eS 51.8
Dist. 360 Km.

eP 08:56:12.6
iS 57:06.3
Dist. 510 Km.

Nov.04 1968
eP 10:34:23.8
eS 35:13.2
Dist. 460 Km.

eP 11:00:21
eS 01:40.8
Dist. about 710 Km.

eP 12:09:05.3
eS 41.2
Dist. 320 Km.

eP 18:14:25.5
eS 15:46.5
Dist. 780 Km.

eP 18:23:26.0
eS 50.9
Dist. 220 Km.

eP 23:05:21.6
eS 59.6
Dist. 340 Km.

05
eP 02:28:51.5
eS 29:01.3
Dist. 90 Km.

eP 04:56:13.0
eS 36.5
Dist. 210 Km.

eP 06:51:18.6
eS 55.8
Dist. 330 Km.

eP 08:06:08.4
eS 48.9
Dist. 370 Km.

eP 14:49:36.2
eS 46.2
Dist. 90 Km.

eP 15:20:25.2
i 27.0
iS 21:10
Dist. 420 Km.

eP 18:09:35.4
eS 10:01.7
Dist. 230 Km.

eP 18:38:06
eS 46.8
Dist. about 378 Km.

e(P) 23:22:42
eS 23:33.2

06
eP 05:05:51.6
iS 06:06.5
Dist. 120 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.06 1968
eP 09:59:39.0
eS 10:00:01.4
i 03.4
Dist. 190 Km.

eP 19:01:30.0
i 30.8
eS 02:09.3
i 10.1
Dist. 350 Km.

iP 21:19:36.6
iS 20:05.0
Dist. 250 Km.
Compression from E

eP 21:53:31.2
eS 54:12.0
Dist. 370 Km.

eP 23:57:12.7
eS 58:25.4
i 56.7
Dist. 700 Km.

07 eP 02:21:55.2
eS 22:34.4
Dist. 350 Km.

eP 09:38:48.0
Distant shock

eP 10:15:30.7
iS 16:49.4
Dist. 760 Km.

eP 10:21:(01.7)
e(S) 22:33.0

e(P) 10:30:11.4
e(S) 36.9

eP 13:15:36.6
eS 22:09
eG 25:16
eR 28:22
Dist. about 44°

eP 14:35:06.4

eP 17:29:45
e(S) 30:16.6

eP 18:06:50.2
eS 07:09.5
Dist. 160 Km.

Nov.07 1968
eP 18:22:04.6
i 18.9
Distant shock

08 eP 03:02:40.1
iS 44.9
Dist. 40 Km.

eP 11:14:28.5
eS 45.5
Dist. 140 Km.

eP 13:49:57.7
eS 51:12.3
Dist. 720 Km.

eP 14:31:18.3
eS 56.0
Dist. 340 Km.

eP 15:41:41.8
eS 42:01.6
Dist. 170 Km.

eP 18:53:31
eS 54:22.8
Dist. about 490 Km.

09 eP 04:45:51.3
eS 46:05.9
Dist. 120 Km.

iP 06:18:15.6
iS 51.9
Dist. 320 Km.
Compression from E

eP 13:55:50.7
eS 56:17.7
Dist. 240 Km.

iP 17:03:55.0
iS 04:01.4
Dist. 60 Km.
Compression

eP 17:12:09.0
Distant shock

eP 20:50:34.3
e 40.1
e(PP) 54:16

eP 23:28:29.1
Distant shock

Nov.10 1968
eP 00:30:22.5
eS 41.7
Dist. 160 Km.
From S

eP 01:48:18.8
eS 41.2
Dist. 190 Km.

eP 03:32:36.4
i 36.9
iS 58.9
Dist. 200 Km.

eP 03:53:19.3
Local

iP 05:27:13.4
eS 30.9
Dist. 150 Km.
Dilatation

eP 06:02:00.4
i 01.3
iS 25.0
Dist. 220 Km.

iP 15:11:28.8
iS 47.9
Dist. 160 Km.
Compression from N?

eP 16:17:04.8
eS 40,5
i 41.6
Dilatation
Dist. 330 Km.

eP 17:56:32.3
i 32.7
iS 57:12.1
Dist. 360 Km.

eP 18:31:59.8
eS 32:49.8
Dist. 470 Km.

eP 22:16:16.0
iS 43.0
Dist. 240 Km.

11 eP 04:36:22.0
eS 43.0
Dist. 180 Km.

eP 06:05:28.1
e(S) 06:13

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.11 1968

eP 07:09:04.5
Distant shock

eP 07:30:22.3
Local

eP 09:13:56.9
iS 14:03.8
Dist. 60 Km.
Small

eP 14:22:45.1
iS 23:22.9
Dist. 340 Km.

iP 14:45:43.2
eS 46:30.4
Dist. 440 Km.

ePKP 15:00:57.8
epPKP 01:07
eSKSP 14:32
eSS 23:06
eSSS 29:08
eG 41:40
eR 49:40
Dist. about 146°

eP 15:41:40.2
iS 42:08.8
Dist. 260 Km.

Nov.11 1968

eP 16:44:16.0
eS 33.0
Dist. 140 Km.
Small

eP 17:37:40.2
e 38:00.7
iS 11.0
Dist. 280 Km.

eP 18:14:15.7
iS 40.5
Dist. 220 Km.
Small

eP 20:56:34.3
eS 57:42.5
Dist. 650 Km.

eP 01:17:04.5
e(S) 31.7

eP 22:18:32.5
eS 19:14.4
Dist. 380 Km.

12 eP 04:27:41.8
eS 56.5
Dist. 120 Km.
Small

Nov.12 1968

eP 07:48:52.0
iS 56.7
Dist. 40 Km.
Small

eP 09:17:09.4
Distant shock

eP 09:56:04.0
eS 25.7
Dist. 190 Km.
Small

ePKP 14:24:16.4

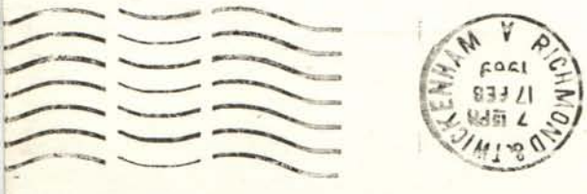
eP 20:53:30.1
eS 52.4
Dist. 190 Km.

13 eP 01:07:41.9
Distant shock

eP 06:33:00
eS 25.4
Dist. 220 Km.

eP 11:47:01.4
eS 32.8
Dist. 280 Km.

Y. Franulic
Seismologist



INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~
6, South Oswald Road,
Edinburgh 9
SCOTLAND

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov.15 1968
eP 11:47:33
eS 02.8
Dist. 280 Km.

iP 13:32:38.5
iS 41
Near by explosion?

eP 23:59:40.5
e(S) 00:00:24.6

16
eP 02:11:23.5
eS 12:14.7
Dist. 490 Km.

eP 03:33:14.2
eS 37:47
esS 38:23
eSS 39:12
Dist.27°

iP 05:53:47
iS 54:03.2
Dist. 140 Km.
Compression from NE

eP 11:44:09.3
Distant shock

eP 18:38:28.7
eS 39:(15.5)
Dist. about 450 Km.

17
iP 00:23:47.2
eS 33:33
Dist. 77.5°

eP 06:29:28
eS 53.5
Dist. 235 Km.

eP 07:51:35.2
eS 08:00:03
eG 06:48
eR 10:00
Dist. 63.5°

iP 10:16:28
iS 42.5
Dist. 125 Km.
Compression

eP 13:25:51.3
Distant shock

eP 17:22:30.7
eS 43.3
Dist. 105 Km.

Nov.17 1968
eP 23:19:57.5
Distant shock

18
iP 08:48:20.3
eS 39.5
Dist. 170 Km.

eP 21:25:49.5
eS 26:09.7
Dist. 180 Km.

19
eP 05:05:50.3
eS 06:11.2
Dist. 190 Km.

eP 06:44:19
eS 33.2
Dist. 120 Km.

eP 13:58:03.7
eS 20.7
Dist. 150 Km.

eP 15:43:52.1
eS 44:58.8
Dist. 645 Km.

iP 15:49:18.5
eS 36.4
Dist. 160 Km.
Dilatation from N

20
eP 08:00:54.4
eS 01:11.2
Dist. 150 Km.

eP 15:32:30.4
eS 54.2
Dist. 220 Km.

iP 21:11:17.3
eS 19.7
Local

iP 11:52:31.6
iS 34.2
Local
Compression from SW

iP 14:06:45.5
eS 07:07.5
Dist. 200 Km.

21
eP 14:51:15.7
Distant shock

eP 21:58:36.8
eS 55.2
Dist. 165 Km.

Nov.21 1968
eP 22:32:32
eS 50
Dist. 160 Km.

eP 22:38:(39.5)
eS 58.2
Dist. 175 Km.

eP 23:42:21
eS 57.6
Dist. 345 Km.

22
eP 10:51:24.7
Distant shock

23
eP 16:23:18.3
e(S) 25:50.6

eP 18:00:28.3
eS 01:50.5
Dist. 805 Km.

iP 18:31:19.0
iS 33.5
Dist. 125 Km.
Dilatation from NW

24
eP 00:09:18.6
eS 46.5
Dist. 260 Km.

eP 05:11:20.0
eS 59.1
Dist. 370 Km.

iP 05:29:26.0
eS 50.0
Dist. 220 Km.

eP 08:53:55.0
e(S) 54:36.8

eP 09:50:56.0
eS 51:29.5
Dist. 315 Km.

eP 21:40:45
i 52.2
Distant shock

25
eP 01:36:10.8
eS 29.3
Dist. 165 Km.

eP 09:26:29.5
eS 47.3
Dist. 170 Km.

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Nov.29 1968	eP	08:06:49.3	Dec.02 1968	eP	10:48:54	Dec.09 1968	eP	04:44:32.5
	eP	10:43:45.8	03	eP	20:04:16.4	13	eP	15:29:22.2
	eS	44:01.6						
	Dist. 150 Km.		07	eP	20:38:31.4			
	eP	10:55:56.5	08	eP	05:08:50			
30	eP	23:59:55.3		eP	09:08:(41.1)			
	eP	18:51:39.6						

H. Becker
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Nov.17 1968	e	08:00:45	Nov.28 1968	e	10:54:04	Dec.02 1968	iP	10:53:29
	e	14:00		e	11:01:21		eS	54
	Distant shock			L	04:--		Dist. 210 Km.	
23	iP	00:58:41.5		eP	11:23:56		ePn	20:08:47
	iS	50		eS	24:08		iPg	53.5
	Dist. 65 Km.			Dist. 90 Km.			eSn	09:17
							Dist. 260 Km.	
	e(P)	17:59:58	29	eP	02:05:25			
	e(S)	18:00:48		eS	35	04	eP	07:27:31
				Dist. 80 Km.			e(S)	57
24	eP	05:29:48						
	eS	30:35	Dec.01 1968	e	13:20:01	06	eP	08:45:02
	Dist. 400 Km.			e	26:13		e(S)	41
				Distant shock				
27	eP	09:05:46						
	eS	55						
	Dist. 70 Km.							

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Nov.28 1968	eP	00:32:29.3	Dec.01 1968	eP	13:20:26.0	Dec.02 1968	eP	20:08:45.7
	eS	40.7		i	36.6		eS	09:09.3
	Dist. 95 Km.			Distant shock			Dist. 215 Km.	
29	eP	06:26:09.1	02	eP	02:03:11.2			
	eS	13.9		eS	28.6			
	Dist. 25 Km.			Dist. 155 Km.				
	eP	08:07:08.7		eP	10:53:24.0			
	eS	48.3		eS	46.6			
	Dist. 375 Km.			Dist. 205 Km.				

A. Sickinger
SEISMOLOGIST

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Nov.15 1968
eP 11:47:33
eS 02.8
Dist. 280 Km.

iP 13:32:38.5
iS 41
Near by explosion?

eP 23:59:40.5
e(S) 00:00:24.6

16
eP 02:11:23.5
eS 12:14.7
Dist. 490 Km.

eP 03:33:14.2
eS 37:47
esS 38:23
eSS 39:12
Dist. 27°

iP 05:53:47
iS 54:03.2
Dist. 140 Km.
Compression from NE

eP 11:44:09.3
Distant shock

eP 18:38:28.7
eS 39:(15.5)
Dist. about 450 Km.

17
iP 00:23:47.2
eS 33:33
Dist. 77.5°

eP 06:29:28
eS 53.5
Dist. 235 Km.

eP 07:51:35.2
eS 08:00:03
eG 06:48
eR 10:00
Dist. 63.5°

iP 10:16:28
iS 42.5
Dist. 125 Km.
Compression

eP 13:25:51.3
Distant shock

eP 17:22:30.7
eS 43.3
Dist. 105 Km.

Nov.17 1968
eP 23:19:57.5
Distant shock

18
iP 08:48:20.3
eS 39.5
Dist. 170 Km.

eP 21:25:49.5
eS 26:09.7
Dist. 180 Km.

19
eP 05:05:50.3
eS 06:11.2
Dist. 190 Km.

eP 06:44:19
eS 33.2
Dist. 120 Km.

eP 13:58:03.7
eS 20.7
Dist. 150 Km.

eP 15:43:52.1
eS 44:58.8
Dist. 645 Km.

iP 15:49:18.5
eS 36.4
Dist. 160 Km.
Dilatation from N

20
eP 08:00:54.4
eS 01:11.2
Dist. 150 Km.

eP 15:32:30.4
eS 54.2
Dist. 220 Km.

iP 21:11:17.3
eS 19.7
Local

iP 11:52:31.6
iS 34.2
Local
Compression from SW

iP 14:06:45.5
eS 07:07.5
Dist. 200 Km.

21
eP 14:51:15.7
Distant shock

eP 21:58:36.8
eS 55.2
Dist. 165 Km.

Nov.21 1968
eP 22:32:32
eS 50
Dist. 160 Km.

eP 22:38:(39.5)
eS 58.2
Dist. 175 Km.

eP 23:42:21
eS 57.6
Dist. 345 Km.

22
eP 10:51:24.7
Distant shock

23
eP 16:23:18.3
e(S) 25:50.6

eP 18:00:28.3
eS 01:50.5
Dist. 805 Km.

iP 18:31:19.0
iS 33.5
Dist. 125 Km.
Dilatation from NW

24
eP 00:09:18.6
eS 46.5
Dist. 260 Km.

eP 05:11:20.0
eS 59.1
Dist. 370 Km.

iP 05:29:26.0
eS 50.0
Dist. 220 Km.

eP 08:53:55.0
e(S) 54:36.8

eP 09:50:56.0
eS 51:29.5
Dist. 315 Km.

eP 21:40:45
i 52.2
Distant shock

25
eP 01:36:10.8
eS 29.3
Dist. 165 Km.

eP 09:26:29.5
eS 47.3
Dist. 170 Km.

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PROVISIONAL READINGS AT PELDEHUE

Nov.25 1968
eP 18:56:37.6
Distant shock

eP 22:33:46.5
eS 34:18
Dist. 295 Km.

26
eP 00:11:58.8
Distant shock

eP 15:25:06
eS 08.7
Local

eP 18:49:27.5
Distant shock

27
eP 00:32:03
eS 13
Dist. 80 Km.

eP 03:34:51.6
eS 35:05.0
Dist. 115 Km.

eP 04:33:38.5
eS 57.3
Dist. 170 Km.

28
eP 00:29:53.6
eS 30:07.5
Dist. 120 Km.

eP 01:20:22
eS 21:50
Dist. 865 Km.

iP 15:15:09.2
eS 34.5
Dist. 225 Km.

eP 16:42:28.4
eS 43:00.5
Dist. 300 Km.

eP 18:37:00.5
eS 17.0
Dist. 145 Km.

iP 20:57:34.9
eS 37
Local

29
eP 02:31:58
eS 32:11
Dist. 110 Km.

eP 07:34:43.4
eS 35:10.6
Dist. 252 Km.

Nov.29 1968
iP 08:06:53.3
eS 07:(26.5)
Dist. 310 Km.

eP 08:30:55.5
eS 31:20.5
Dist. 230 Km.

iP 10:56:01.0
iS 21.5
Dist.185 Km.

iP 13:55:27.5
iS 52.2
Dist. 225 Km.

eP 16:41:22.5
eS 43.6
Dist. 190 Km.

eP 19:39:19.2
eS 44.5
Dist. 235 Km.

30
eP 00:00:00.3
eS 23.5
Dist. 210 Km.

eP 04:38:33
eS 59
Dist. 240 Km.

eP 06:02:46.5
eS 03:02.5
Dist. 140 Km.

eP 08:02:04.2
eS 12.4
Dist. 60 Km.

eP 13:21:36
eS 22:00.9
Dist. 230 Km.

eP 16:54:27.7
eS 55
Dist. 255 Km.

iP 18:51:36.5
iS 48.3
Dist. 100 Km.
Dilatation from NE

Dec.01 1968
eP 13:19:54.5
eS 24:04
esS 15.5
eSS 58
eR 25:59
Dist. 24°

Dec.01 1968
eP 19:52:16.7
eS 30.9
Dist. 120 Km.

eP 23:27:48.5
eS 59.5
Dist. 90 Km.

02
eP 02:03:41.5
iS 04:21
Dist. 375 Km.

iP 02:46:25
Dilatation
Distant shock

eP 07:46:55.2
eS 47:09.5
Dist. 125 Km.

iP 11:19:07
eS 19.3
Dist. 105 Km.

iP 16:01:17.7
eS 31
Dist. 115 Km.

eP 20:09:40.5
eS 11:(10.5)
Dist. about 885 Km.

03
eP 06:58:55.8
eS 59:09.2
Dist. 115 Km.

iP 15:14:39.4
iS 15:08.5
Dist. 270 Km.
Compression from NW

iP 20:06:13.0
iS 23.2
Dist. 80 Km.
Compression from NW

iP 20:10:21.2
iS 23.8
Local

eP 02:38:36.3
e 39:53.5
Distant shock

04
eP 07:28:22.4
e 29:55
Distant shock

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PROVISIONAL READINGS AT PELDEHUE

Dec.04 1968
eP 09:26:21.5
eS 49.3
Dist. 260 Km.

05 eP 02:02:32.0
Distant shock

eP 06:01:38.2
eS 02:38.7
Dist. 585 Km.

No records from
Dec.05 at 10:38
to Dec.06 at 10:26.

06 eP 12:46:57.2
eS 47:17.2
Dist. 180 Km.

iP 16:05:21.3
iS 38.7
Dist. 155 Km.

eP 18:50:29.5
eS 59.8
Dist. 295 Km.

iP 21:24:56.5
eS 25:07
Dist. 85 Km.

eP 21:28:11.8
eS 44.7
Dist. 310 Km.

eP 22:26:41.6
eS 55.4
Dist. 120 Km.

07 eP 01:41:09.2
eS 25.2
Dist. 140 Km.

eP 04:02:56.3
eS 09
Dist. 105 Km.

Dec.07 1968
eP 05:20:24
e 36:39
Distant shock

eP 20:38:33.5
eS 41:39
Dist. 17°

08 eP 00:58:00.2
eS 16.5
Dist. 145 Km.

iP 05:08:46.0
iS 09:02
Dist. 140 Km.
Compression from NW

iP 09:08:36.7
iS 52.0
Dist. 135 Km.
Dilatation from NW

eP 11:47:47.5
eS 48:(41.5)
Dist. 520 Km.

09 eP 04:44:35.5
eS 45:01.8
Dist. 245 Km.

eP 04:46:20.5
eS 46.8
Dist. 245 Km.

iP 13:03:15.5
eS 28.7
Dist. 110 Km.

eP 21:10:25.5
iS 49.0
Dist. 215 Km.

10 eP 08:38:09.4
eS 32.2
Dist. 210 Km.

Dec.10 1968
eP 08:44:50
eS 45:13.7
Dist. 215 Km.

eP 23:27:35.7
eS 28:(28)
Dist. about 545 Km.

11 eP 03:42:39.8
e(S) 44:23

iP 05:29:02.8
eS 26
Dist. 210 Km.
Compression

iP 07:17:09.8
eS 31.5
Dist. 205 Km.
Dilatation

eP 12:58:56.7
e 59:02.2
e 13:01:47.5

12 eP 06:27:56
eS 28:22
Dist. 240 Km.

iP 06:54:14
eS 31.5
Dist. 155 Km.

eP 10:06:29
eS 07:11
Dist. 400 Km.

H. Becker
Seismologist

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Nov.29 1968 eP 08:06:49.3
eP 10:43:45.8
eS 44:01.6
Dist. 150 Km.

eP 10:55:56.5

30 eP 23:59:55.3

eP 18:51:39.6

Dec.02 1968 eP 10:48:54

03 eP 20:04:16.4

07 eP 20:38:31.4

08 eP 05:08:50

eP 09:08:(41.1)

Dec.09 1968 eP 04:44:32.5

13 eP 15:29:22.2

H. Becker
SEISMOLOGIST

PROVISIONAL READINGS AT VALDIVIA

39° 47' 24" S 73° 16' 00" W h 12 m

Nov.17 1968 e 08:00:45
e 14:00
Distant shock

23 iP 00:58:41.5
iS 50
Dist. 65 Km.

e(P) 17:59:58
e(S) 18:00:48

24 eP 05:29:48
eS 30:35
Dist. 400 Km.

27 eP 09:05:46
eS 55
Dist. 70 Km.

Nov.28 1968 e 10:54:04
e 11:01:21
L 04:--

eP 11:23:56
eS 24:08
Dist. 90 Km.

29 eP 02:05:25
eS 35
Dist. 80 Km.

Dec.01 1968 e 13:20:01
e 26:13
Distant shock

Dec.02 1968 iP 10:53:29
eS 54
Dist. 210 Km.

ePn 20:08:47
iPg 53.5
eSn 09:17
Dist. 260 Km.

04 eP 07:27:31
e(S) 57

06 eP 08:45:02
e(S) 41

R. Schulz
SEISMOLOGIST

PROVISIONAL READINGS AT CONCEPCION

36° 49' 41" S 73° 02' 42" W h 46 m

Nov.28 1968 eP 00:32:29.3
eS 40.7
Dist. 95 Km.

29 eP 06:26:09.1
eS 13.9
Dist. 25 Km.

eP 08:07:08.7
eS 48.3
Dist. 375 Km.

Dec.01 1968 eP 13:20:26.0
i 36.6
Distant shock

02 eP 02:03:11.2
eS 28.6
Dist. 155 Km.

eP 10:53:24.0
eS 46.6
Dist. 205 Km.

Dec.02 1968 eP 20:08:45.7
eS 09:09.3
Dist. 215 Km.

A. Sickinger
SEISMOLOGIST

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Nov.13 1968
eP 12:46:51.6
iS 59.0
Dist. 70 Km.

eP 14:00:02.3
iS 14.4
Dist. 100 Km.

eP 14:49:29.8
eS 50:10.3
Dist. 370 Km.

eP 15:09:38.1
eS 10:14.5
Dist. 320 Km.

eP 18:11:31.8

ePKP 19:01:29.1
eSS 24:06
eSSS 29.3
eG 43.0
eR 50.5
Dist. about 149°

14 iP 08:18:25.0
iS 52.5
Dist. 280 Km.
Dilatation from NE

eP 12:12:07
eS 28.2
Dist. about 180 Km.

eP 15:44:47.0
e(S) 45:19.5

eP 16:57:54.9
eS 59:11.8
Dist. 740 Km.
Dilatation

iP 17:52:02.4
iS 39.3
Dist. 330 Km.
Compression from E

eP 22:00:06
e(S) 36

iP 22:12:19.8
eS 13:02.8
Dist. 400 Km.
Compression from W

Nov.14 1968
iP 22:15:36.7
iS 52.8
Dist. 130 Km.

15 eP 04:47:02.4
eS 39.3
Dist. 330 Km.

eP 09:55:29.5
iS 47.8
Dist. 150 Km.

eP 10:31:13.1
e(S) 42.6

16 eP 02:11:34.5
e(S) 12:38.2

e(P) 03:33:53.5
Distant shock

eP 05:55.7
e(S) 57:38

eP 09:33:00.2
eS 35.5
Dist. 310 Km.

eP 11:36:16.8
eS 46.2
Dist. 260 Km.

eP 12:21:20
Local

eP 18:38:51.6
eS 39:59
Dist. about 640 Km.

17 eP 00:22:28.6
eS 27:30
eSS 29:26
eR 32.0
Dist. about 31°
Compression

ePKP 00:28:39.5

eP 01:13:45.5
eS 14:22.7
Dist. 330 Km.

Nov.17 1968
eP 01:24:29.8
eS 52
Dist. about 200 Km.

iP 04:55:23.2
iS 28.5
Dist. 50 Km.
Compression from SE

ePKP 05:38:39.1

eP 07:05:14.7
eS 40.5
Dist. 230 Km.

eP 07:51:18.0
eS 59:30
eSS 08:03:20
eG 05:36
eR 10:00
Dist. about 60°
Dilatation

eP 11:11:36.5
eS 12:01.5
Dist. 220 Km.

eP 12:37:03.2
eS 38.5
Dist. 310 Km.

eP 17:55:07.0
eS 25.5
Dist. 160 Km.

eP 22:03:36.6
e(S) 04:02.4

eP 23:36:46.8
eS 37:27.0
Dist. 360 Km.

12 eP 01:52:15.6
eS 33.8
Dist. 150 Km.

e(P) 07:02:00
e(S) 23.5

eP 12:50:07.3
eS 32.5
Dist. 220 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Dec.18 1968
eP 13:00:57.4
e(S) 01:56

eP 14:08:01.3
e(S) 28

eP 15:45:05.2
eS 29.3
Dist. 210 Km.

eP 20:00:11.9
i 13.4
iS 36.6
Dist. 220 Km.

19 eP 02:28:42.6
i 46.1
i 29:00.8
iS 18.4
Dist. 320 Km.

eP 02:35:38.3
i 39.3
iS 55.8
Dist. 150 Km.

iP 07:13:01.7
e(S) 29.5
Dilatation

eP 13:52:19.5
eS 35.0
Dist. 130 Km.

iP 16:19:06.8
eS 40.6
Dist. 300 Km.
Compression from N

iP 23:09:50.8
eS 10:31.7
Dist. 370 Km.

20 eP 13:46:05.5
eS 15.2
Dist. 90 Km.

eP 15:10:16.6
eS 28.0
Dist. 100 Km.

eP 17:02:13.2
eS 43.2
Dist. 270 Km.

eP 18:39:57.6

eP 19:46:36.0
eS 47:27.5
Dist. 290 Km.

Nov.20 1968
eP 23:03:37.2
e(S) 55.8
i 04:06.5

21 eP 00:51:(28.3)
eS 52:03.0
Dist. about 310 Km.

iP 03:16:38.8
iS 17:13.7
Dist. 310 Km.
Compression from E

eP 03:24:29.0
e(S) 46.0
Dist. 140 Km.

eP 14:15:36.4
e(S) 16:34.3

ePKP 14:51:21.7

eP 18:12:03.3
i 03.9
eS 43.3
Dist. 360 Km.

eP 21:59:42.7
e(S) 22:01:12

iP 22:58:59.0
iS 59:37.8
Dist. 350 Km.
Compression from ESE

eP 22:51:13.5
eS 41.4
Dist. 250 Km.

22 eP 01:19:58.0
iS 20:05.1
Dist. 70 Km.

eP 05:33:42.6
eS 34:09.8
Dist. 240 Km.

eP 09:19:36
eSKKS 31:08
ePPS 35.7
eSSS 45.0
eG 52.0
Dist. about 115°

eP 09:49:32
e(S) 51:01.2

eP 10:37:55.2
eS 38:26.5
Dist. 280 Km.

Nov.22 1968
eP 10:51:39.7
epP 45.8
eS 54:12
e(R) 56.5
Dist. about 14°

iP 11:29:51.6
iS 29:11.2
Dist. 170 Km.
Compression from ENE

eP 12:05:02.5
eS 16.0
Dist. 110 Km.

iP 17:27:02.2
i(S) 21.0
Dilatation from SSW

eP 21:13:03.4
eS 09.7
Dist. 60 Km.

23 eP 01:00:51.8
eS 01:12.7
i 16.2
Dist. 180 Km.

eP 02:03:50
e(S) 09:25

eP 06:28:(11.5)
eS 39.9
Dist. about 250 Km.

iP 11:16:13.2
eS 21.0
i 21.7
Dist. 70 Km.

iP 14:19:53.6
iS 20:32.1
Dist. 350 Km.
Compression from E

i(P) 16:19:36.8
eS 20:25.7
Compression

iP 16:31:20.0
iS 53.
Dist. 300 Km.
Compression from SW

e(P) 16:59:22.3
eS 44.0

eP 21:24:19.5
eS 44.5
Dist. 220 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.23 1968
eP 22:14:55.3
eS 15:18.2
Dist. 200 Km.

24 iP 04:56:37.5
eS 57:27.0
Dist. 470 Km.
Dilatation from S

eP 06:55:(19.3)
eS 36.8
Dist. about 150 Km.

eP 09:51:29.0
eS 52:35.0
Dist. 630 Km.

eP 10:23:04.2
eS 13.6
Dist. 90 Km.

eP 16:33:54
iS 34:16.9
Dist. about 200 Km.

ePKP 21:40:39.4
i 56.8

25 eP 18:29:05.5
eS 30:32.5
Dist. 840 Km.

26 ePKP 00:12:52.5

eP 00:31:07.6
eS 20.8
Dist. 100 Km.

eP 01:17:22.2
eS 43.8
Dist. 190 Km.

iP 03:19:48.0
iS 57.5
Dist. 90 Km.
Compression from SW

eP 06:26:16.2
eS 49.3
Dist. 300 Km.

eP 07:13:18
e(S) 36.0
e 43.6

eP 09:42:39.5
eS 54.0
Dist. 120 Km.

Nov.26 1968
eP 12:38:32
eS (54.5)
Dist. about 190 Km.

eP 14:48:06

eP 17:26:04
iS 23.3
Dist. about 160 Km.

iP 18:48:06.1
iS 45.5
Dist. 350 Km.
Compression from E

27 eP 03:40:47.3
e(S) 41:06.7

eP 04:46:31.8
eS 47:25.3
Dist. 510 Km.

iP 07:18:17.7
Dilatation from SSW

eP 08:14:(48.0)
eS 15:02.5
Dist. about 120 Km.

eP 13:43:12
e(S) 52.5

eP 18:45:27.5
eS 46:04.0
Dist. 330 Km.

eP 23:58:19
Local

28 iP 00:06:42.4
eS 54.6
Dist. 100 Km.
Dilatation from N

iP 01:18:34.0
iS 19:24.1
Dist. 470 Km.
Dilatation from S

eP 01:26:13.3
eS 27.2
Dist. 110 Km.

eP 01:37:08.2
e(S) 22.2

eP 02:24:44.5
e(S) 25:47.0

Nov.28 1968
eP 04:19:59.3
eS 20:36.7
Dist. 330 Km.

ePKP 07:19:50.7

eP 10:44:25.5
eS 51:07
eG 54:26
eR 57:00
Dist. about 45°

e(P) 11:40:49.5
eS 41:57.2

eP 14:20:46
eS 21:15.0
Dist. about 260 Km.

iP 15:09:24.7
iS 52.0
Dist. 240 Km.
Compression from ENE

eP 15:12:55.5
eS 13:09.9
Dist. 110 Km.

eP 17:14:37
e(S) 15:27.8

eP 17:55:15.7
eS 21.8
Dist. 60 Km.

eP 20:21:21.9
eS 22:02.7
Dist. 370 Km.

eP 20:41:21.5
eS 28.7
Dist. 70 Km.

29 eP 07:28:28.0
i 29.3
e(S) 52.0

e(P) 10:03:01.0
eS 18.0

eP 10:45:41.5
e(S) 47:36.0

eP 11:15:25
eS 41.3
Dist. about 130 Km.

eP 11:48:41.7
Local

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PROVISIONAL READINGS AT ANTOFAGASTA

Nov.29 eP 12:12:43.2
1968 Local

eP 13:24:07.6
eS 48.5
Dist. 370 Km.

eP 15:22:59.7
i 23:00.3
eS 23.3
Dist. 210 Km.

eP 18:22:27.7
eS 23:07.7
Dist. 360 Km.

eP 21:20:35
eS 21:07.8
Dist. about 290 Km.

30 eP 03:30:29.7
eS 31:00.6
Dist. 280 Km.

eP 04:46:50.4
eS 47:15.5
Dist. 220 Km.

eP 10:16:52.4
eS 17:25.5
Dist. 300 Km.

iP 11:07:31.9
iS 08:19.0
Dist. 450 Km.
Compression from SE

iP 12:01:15.5
iS 51.8
Dist. 320 Km.
Compression

eP 13:38:59.0
Local

eP 14:24:27.8
eS 37.5
Dist. 90 Km.

eP 15:20:08.6
Local

eP 20:50:42
eS 59.5
Dist. about 150 Km.

Dec.01 eP 01:32:22.5
1968 Local

Dec.01 e(P) 01:32:44.5
1968 eS 58.5

eP 02:02:00
eS 31.9
Dist. about 290 Km.

eP 04:09:10.7
eS 38.2
Dist. 250 Km.

eP 13:18:08.8
eS 20:56
eSS 21:18
eR 51
Dist. about 15°

eP 14:37:22.6
eS 42.7
Dist. 170 Km.

(*)
e(P) 15:45:30.7
eS 53.8

eP 17:42:17.3
eS 56.8
Dist. 360 Km.

eP 18:57:36.3
eS 58.5
Dist. 190 Km.

eP 21:22:58.5
iS 23:09.2
Dist. 100 Km.

eP 22:28:03.5
Local

eP 22:57:37.2
eS 58:00.5
Dist. 200 Km.

02 ePKP 02:46:36.0

eP 03:14:12.5
eS 15:08.6
Dist. 460 Km.

iP 06:11:23.0
iS 11:28.6
Compression from N
Dist. 50 Km.

iP 07:26:38.2
eS 56.0
Dilatation
Dist. 150 Km.

---

01 eP 14:40:00.7
eS 23.3
Dist. 200 Km.

Dec.02 eP 12:45:35
1968 Local

iP 15:10:10.0
iS 21.0
Compression from NE
Dist. 100 Km.

iP 19:34:13.3
iS 51.1
Compression from N
Dist. 340 Km.

eP 19:37:30.0
eS 38:09.2
Dist. 350 Km.

eP 21:50:20.2
eS 51:02.8
Dist. 400 Km.

03 eP 00:00:13.0
Local

eP 06:18:59.5
eS 19:37.5
Dist. 340 Km.

eP 07:24:24.2
Local

eP 08:20:58.2
eS 21:11.5
Dist. 110 Km.

eP 11:49:40.6
e 50:11.2

iP 15:21:16.1
iS 52.7
Compression from E
Dist. 330 Km.

eP 17:33:13.0
eS 19.6
Dist. 60 Km.

eP 19:36:44.8
e 45.2
eS 37:20.3
Dist. 320 Km.

eP 21:47:09.2
eS 33.2
Dist. 210 Km.

04 eP 14:11:55.7
iS 12:15.7
Dist. 170 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Dec.04 1968
eP 18:06:04.8
eS 07:30.5
Dist. 830 Km.

05
eP 01:13:51.7
eS 14:25.5
Dist. 300 Km.

e(P) 11:12:43.6
e(S) 13:09.7

eP 12:13:19.0
e(S) 13:57.2

eP 13:18:38.0
Distant shock

eP 13:28:21.7
e(S) 29:12.8

eP 13:52:39
e(S) 53:07.5

iP 15:59:53.3
e(S) 16:00:23.8
Compression from ENE
Dist. 280 Km.

eP 16:09:24.3
eS 45.2
Dist. 180 Km.

eP 22:22:29.2
e(S) 23:00.3
i 10.7

06
iP 02:01:33.8
iS 39.0
Compression from S
Dist.50 Km.

eP 15:31:48.3
eS 32:27.2
Dist. 350 Km.

eP 17:23:17
eS 23:31.5
Dist. about 120 Km.

07
eP 00:01:39.1
eS 02:00.2
Dist. 200 Km.

eP 02:10:19.5
eS 49.0
Dist. 270 Km.

Dec.07 1968
eP 02:56:55
e(S) 57:42.6

eP 03:06:56.9
eS 07:01.9
Dist. 50 Km.

eP 04:56:45.2
eS 57:20.9
Dist. 320 Km.

ePKP 05:17:30
Doubtful interpretation

eP 07:51:46.4
eS 52:26.2
Dist. 360 Km.

eP 08:14:10.2
eS 58.0
Dist. 450 Km.

eP 08:15:43.7
e(S) 16:07.4

eP 08:48:17.9
eS 57.1
Dist. 350 Km.

e(P) 11:33:39.0
eS 34:00.9

eP 14:03:23.6
e(S) 52.5

eP 15:18:53.3
eS 19:22.0
Dist. 260 Km.

eP 16:59:04.7
eS 41.5
Dist. 330 Km.

e(P) 18:29:27.6
e 33.8
e(S) 30:16.0

eP 20:40:21.6
eS 44:34
eSS 45:26
eR 45:54
Dist. about 24°

08
eP 05:10:(45.6)
e(S) 12:45.6

Dec.08 1968
eP 08:12:16.6
eS 33.7
Dist. 140 Km.

eP 08:34:20.6
Local

eP 11:47:54.2
e(S) 48:43.5

eP 13:31:02.5
Distant shock

eP 16:44:29.0
eS 36.7
Dist. 70 Km.

eP 19:39:17.5
eS 54.3
Dist. 330 Km.

eP 21:56:43.5
eS 57:09.4
Dist. 230 Km.

09
eP 00:12:20.5
eS 24.7
Dist. 40 Km.

eP 05:17:20.4
e(S) 34.1

eP 09:52:29.4
eS 53:00.7
Dist. 280 Km.

eP 12:22:24.7
eS 38.7
Dist. 110 Km.

eP 13:40:55.4
eS 41:12.3
Dist. 140 Km.

iP 18:08:40.7
iS 53.0
Compression from E
Dist. 110 Km.

eP 20:20:20
eS 48.0
Dist. about 250 Km.

eP 20:58:54.4
e(S) 21:00:06.0

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Dec.09 1968
iP 23:51:28.7
eS 52:18.3
Dist. 470 Km.

eP 23:52:54.1
eS 53:42.5
Dist. 460 Km.

10 eP 03:32:32.4
eS 47.1
Dist. 120 Km.

iP 04:39:55.4
eS 40:34.0
Compression from E
Dist. 350 Km.

eP 04:44:49.2
Distant shock

eP 06:52:43.5
eS 53:13.9
Dist. 270 Km.

eP 09:56:48.7
eS 57:14.1
Dist. 220 Km.

eP 10:52:02.1
e 30.7
Dist. 260 Km.

eP 15:24:(33.7)
eS 50.5
Dist. about 140 Km.

eP 17:03:43.7
e(S) 04:03.7
e 12.5

eP 23:27:55
e(S) 29:04.8
i 29:10.5

Dec.11 1968
eP 02:28:40.5
e 29:07.7
Dist. 240 Km.

iP 03:41:13.6
iS 30
Dilatation from S
Dist. about 130 Km.

eP 11:58:54.8
iS 59:08.5
Dist. 110 Km.

iP 12:57:01.6
iS 30.5
Dilatation
Dist. 260 Km.

12 eP 01:16:06.8
eS 42.5
Dist. 320 Km.

eP 04:23:26.3
eS 24:01.5
Dist. 310 Km.

e(P) 06:29:03.5
e(S) 30:31.1

e(P) 08:23:22.1
iP 23:34.7
e(S) 54.0

iP 09:40:57.4
iS 41:12.1
Compression from NE
Dist. 120 Km.

e(P) 10:07:32
e(S) 08:47.4

Dec.12 1968
eP 11:59:26.0
e(S) 12:00:26.2
i 38.0

e(P) 13:17:54.5
eS 18:29.8

eP 18:10:27.3
eS 41.8
Dist. 120 Km.

eP 23:43:41.7
e(S) 45:10.2

13 e(P) 05:52:31
e(S) 53:34.5

e(P) 08:22:05.2
eS 47.0

eP 15:07:21.6
eS 58.1
Dist. 330 Km.

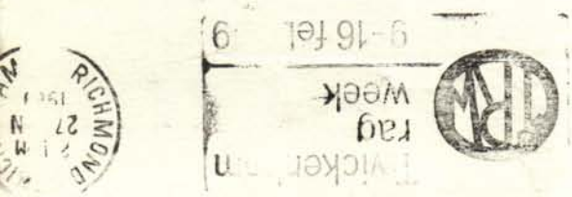
eP 17:34:21.3
eS 58.0
Dist. 330 Km.

eP 21:15:56.9
e(S) 16:03.2

eP 22:49:42.2
eS 50:04.4
Dist. 190 KM.

e(P) 23:19:26
e(S) 49.5

Y. Franulic
Seismologist



INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~

6, South Oswald Road,
Edinburgh 9,
SCOTLAND.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Dec.12 1968
iP 11:59:31.5
eS 12:00:(32.4)
Dist. about 490 Km.

13
eP 15:29:23
eS 31.5
Dist. 65 Km.

eP 19:24:58.5
Distant shock

15
eP 13:12:06.9
eS 40
Dist. 310 Km.

iP 17:57:14.5
eS 47
Dist. 305 Km.
Dilatation from N

eP 22:27:(00.0)
eS 34
Dist. 320 Km.

eP 23:51:31.5
eS 45.5
Dist. 120 Km.

16
iP 11:39:32
eS 48
Dist. 140 Km.
Compression

eP 20:35:40
eS 36:41.5
Dist. 595 Km.

17
iP 07:22:20.5
iS 30.5
Dist. 80 Km.
Dilatation from NW

eP 08:39:46.2
eS 40:01.3
Dist. 130 Km.

e 12:21:47
eSKS 31:28
eG 55:45
eR 13:02:21
Dist. about 125°
Doubtful interpretation

eP 14:29:55.7
eS 30:37.2
Dist. 395 Km.

Dec.18 1968
eP 00:33:17.5
Distant shock

eP 11:23:03.2
eS 13.2
Dist. 80 Km.

eP 15:03:56.2
eS 04:19.5
Dist. 215 Km.

eP 18:06:41.0
eS 59.6
Dist. 165 Km.

iP 20:36:39.7
eS 37:07.2
Dist. 255 Km.

19
iP 00:00:25.8
eS 36
Dist. 80 Km.

eP 00:46:09.5
Distant shock

eP 03:44:15.3
eS 44.3
Dist. 270 Km.

eP 05:37:18.3
Distant shock

eP 06:46:17.5
iS 31.5
Dist. 120 Km.

eP 10:14:15.4
eS 31.5
Dist. 140 Km.

eP 16:42:22
Distant shock

eP 18:04:16.5
eS 26
Dist. 75 Km.

iP 21:03:12.7
iS 15.5
Local
Compression

eP 22:07:42.2
eS 52
Dist. 80 Km.

Dec.20 1968
eP 05:16:38.5
eS 48
Dist. 75 Km.

eP 05:53:(42)
eS 54:16.5
Dist. 325 Km.

eP 21:58:11.7
eS 26.2
Dist. 125 Km.

21
eP 01:49:46.7
eS 50:11.6
Dist. 230 Km.

eP 05:03:26.7
eS 04:06.5
Dist. 380 Km.

eP 10:19:17.8
eS 36
Dist. 160 Km.

22
iP 16:14:50.5
iS 05.5
Dist. 130 Km.
Compression

iP 17:17:35.7
eS 53
Dist. 155 Km.

iP 19:54:23.5
iS 41.5
Dist. 160 Km.
dilatation from NE

eP 22:40:24.8
eS 42.5
Dist. 155 Km.

23
iP 06:12:26
Distant shock

eP 08:06:43.2
Distant shock

eP 08:50:23.5
eS 51:07
Dist. 315 Km.

iP 20:51:56.3
iS 59.4
Local
Compression

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PROVISIONAL READINGS AT PELDEHUE

Dec.24 1968
iP 00:06:16.2
iS 27
Dist. 85 Km.
Dilatation from NE

eP 11:44:56
iS 45:27.5
Dist. 295 Km.

eP 12:46:52.7
Distant shock

25 eP 04:16:32.6
Distant shock

iP 07:42:44.8
iS 54.5
Dist. 75 Km.
Compression from NE

eP 09:15:15
iS 28.6
Dist. 115 Km.

eP 09:33:04.3
eS 26.6
Dist. 205 Km.

eP 10:03:09.3
eS 27.5
Dist. 160 Km.

eP 18:58:12.7
eS 59:41.3
Dist. 875 Km.

eP 20:15:31.3
eS 16:(06)
Dist. 325 Km.

26 eP 02:12:40.5
eS 54.5
Dist. 120 Km.

eP 12:14:25.5
eS 46
Dist. 180 Km.

eP 04:49:45.7
eS 50:02.7
Dist. 150 Km.

iP 05:19:43
iS 20:05.7
Dist. 205 Km.

Dec.26 1968
iP 15:01:33.5
iS 35.8
Local
Compression

eP 16:04:49.8
eS 05:23.2
Dist. 315 Km.

eP 17:41:53
eS 43:(02)
Dist. about 670 Km.

eP 21:25:24.5
Distant shock

27 eP 02:08:24.5
Distant shock

eP 06:36:10.5
iS 27
Dist. 145 Km.

eP 08:28:49,5
eS 29:12.5
Dist. 210 Km.

iP 13:59:42.5
iS 59
Compression from NW
Dist. 145 Km.

eP 08:44:22.3
eS 51.5
Dist. 270 Km.

iP 14:57:16.5
iS 18.7
Local

28 eP 13:13:25.3
eS 42
Dist. 145 Km.

eP 14:59:32.5
eS 59.3
Dist. 750 Km.

eP 20:02:22
eS 34
Dist. 100 Km.

iP 06:58:28
iS 42
Dist. 120 Km.
Compression from NE

Dec.29 1968
iP 07:10:59.8
iS 10.5
Dist. 90 Km.

eP 16:31:42.5
e(S) 33:13

30 eP 05:01:44
Distant shock

eP 09:20:34.8
Distant shock

H. Becker
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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Dec.16 1968 eP 20:35:44
17 eP 07:22:24.2

Dec.17 1968 eP 08:39:42.5

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Dec.14 1968 iP 03:14:32.6
iS 14:44.3
Dist. 100 Km.
Dilatation from N

eP 09:36:38.6
eS 57.4
Dist. 160 Km.

eP 11:46:15.6
eS 33.9
Dist. 150 Km.

eP 09:47:57.7
eS 48:26.2
Dist. 260 Km.

iP 12:07:44.9
iS 08:09.4
Compression from S
Dist. 220 Km.

15 eP 23:01:00.5
eS 19.2
Dist. 160 Km.

eP 23:59:08.5
eS 09.6
Dist. 480 Km.

16 eP 02:47:31.0
eS 48:08.5
Dist. 340 Km.

eP 03:42:17.4
iS 32.3
Dist. 120 Km.

eP 07:22:47.1
eS 23:13.5
Dist. 230 Km.

e(P) 08:24:43
e(S) 25:39.3

eP 10:57:57.7
e(S) 58:17.6

Dec.16 1968 eP 12:01:55.7
eS 02:12.6
Dist. 140 Km.

eP 12:27:52.6
eS 28:27.9
Dist. 310 Km.

iP 20:22:14.5
iS 22:34.5
Dist. 170 Km.

eP 20:35:32.0
iS 36:18.4
Dist. 430 Km.

eP 22:05:58.8
eS 06:25.0
Dist. 230 Km.

eP 23:09:05
eS 22.8
Dist. 150 Km.

17 eP 06:31:53.4
Local

eP 08:29:37.2
eS 48.6
Dist. 100 Km.

iP 10:15:00.0
iS 15:38.3
Dist. 340 Km.
Compression

eP 11:19:34.7
eS 51.6
Dist. 140 Km.

e(PKP) 12:16:17
e 20:40

18 eP 01:31:28.0
iS 32:09.8
Compression from NE
Dist. 390 Km.

Dec.18 1968 eP 02:14:52.0
eS 15:30.4
Dist. 350 Km.

19 iP 20:19:11.9
iS 39.3
Compression from E
Dist. 240 Km.

iP 20:36:44.5
eS 37:36.0
Dist. 490 Km.

eP 21:17:58,7

20 eP 02:19:30.3

iP 03:28:09.1
iS 48.6
Dilatation
Dist. 360 Km.

eP 04:37:(41.9)
e(S) 38:08.1

eP 04:45:36.1
eS 46:22.4

eP 10:36:44.2

eP 13:20:42.4
e(S) 21:05.9

eP 17:08:49.5
eS 09:38.7
Dist. 460 Km.

21 eP 01:49:41
e(S) 50:11.0

eP 03:35:49.1
eS 36:13.9
Dist. 220 Km.

eP 03:42:15.9
eS 43:34.4
Dist. 760 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

Dec.21 1968
eP 09:35:11.7
eS 24.2
Dist. 110 Km.

eP 13:19:02.2

eP 13:52:49.0
eS 53:26.8
Dist. 340 Km.

eP 14:26:05.7
e(S) 23.1

eP 15:29:48.0
i 58.2
i(S) 30:47.3

22 eP 08:32:02.4
eS 38.2
Dist. 320 Km.

eP 08:43:42.2
eS 44:02.6
Dist. 170 Km.

e(P) 08:51:58
eS 52:26.4

eP 17:58:57.6

23 eP 05:09:17.4
eS 57.0
Dist. 360 Km.

ePKP 06:12:47.1

eP 06:58:(15.4)
eS 35.9
Dist. about 180 Km.

iP 08:48:49.2
iS 49:05.2
Dilatation from SE
Dist. 130 Km.

eP 14:53:49.0
eS 54:09.6
Dist. 180 Km

eP 15:09:04.7
eS 39.6
Dist. 320 Km.

iP 16:11:35.0
eS 12:02.0
Dist. 220 Km.

Dec.24 1968
eP 00:08:(39.0)
e(S) 10:32.0

eP 05:09:36.7
eS 10:02.0
Dist. 230 Km.

eP 05:19:09.8
i 14.2
iS 50.5
Dist. 370 Km.

eP 06:47:35.5
eS 49.9
Dist. 110 Km.

eP 08:10:38.2
eS 11:10.1
Dist. 290 Km.

eP 10:13:59.0
eS 14:20.6
Dist. 190 Km.

eP 12:46:28.9
eS 52:34
eG 55:31
Dist. about 40°

eP 13:50:16.0
eS 58.0
i 51:00.2
Dist. 390 Km.

eP 14:43:14.8
eS 21.9
Dist. 70 Km.

eP 18:34:08.8
i(S) 24.3

iP 19:07:16.8
iS 22.2
From NE
Dist. 50 Km.

25 ePKP 04:16:19.6

eP 06:09:45.2
eS 10:27.0
Dist. 390 Km.

eP 10:09:33.5
eS 10:08.6
Dist. 310 Km.

Dec.25 1968
eP 12:04:32.9
eS 52.1
Dist. 160 Km.

eP 13:35:05.9
eS 41.0
Dist 310 Km.

eP 15:43:30.8
eS 45:15.0
Dist. 1020 Km.

eP 16:44:15.1
eS 34.0
i 34.7
Dist. 160 Km.

eP 19:46:56.2
eS 47:35.5
Dist. 350 Km.

eP 21:41:35.5
i 35.7
eS 42:16.9
Dist. 380 Km.

26 e(P) 02:53:08
e(S) 54:19.7
i 24.5

e(P) 11:27:25
e(S) 28:09.0

eP 13:12:50.4
iS 55.0
Dist. 40 Km.

eP 14:58:56
eS 59:17.8
Dist. about 190 Km.

eP 15:35:28.5
eS (54.2)
Dist. about 230 Km.

eP 17:41:32.8
i(S) 42:39.3

Y. Franulic
Seismologist

TWICKENHAM V RICHMOND
7 1PM 23APR 1969

INTERNATIONAL SEISMOLOGICAL
SUMMARY
~~KEW OBSERVATORY~~
~~RICHMOND SURREY ENGLAND~~

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Edinburgh 9.

IMPRESO ORDINARIO

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PROVISIONAL READINGS AT PELDEHUE

33° 08' 37" S 70° 41' 07" W h 690 m

Dec.30 1968
eP 14:43:14.5
Distant shock

eP 18:49:47.5
eS 50:04
Dist. 145 Km.

eP 21:33:14.5
eS 30.5
Dist. 140 Km.

eP 22:33:18.5
eS 56.8
Dist. 365 Km.

Dec.30 1968
eP 23:48:09.5
eS 22
Dist. 105 Km.

31
eP 03:49:03.5
eS 47.5
Dist. 420 Km.

eP 13:16:15.5
eS 27.5
Dist. 100 Km.

eP 15:40:49.5
eS 03.5
Dist. 120 Km.

Dec.31 1968
eP 19:36:19.5
eS 43
Dist. 215 Km.

eP 19:57:44
e 59:34.5

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PROVISIONAL READINGS AT SANTIAGO

33° 27' 11" S 70° 39' 42" W h 533 m

Dec.22 1968
eP 16:14:54.2
eS 15:11.2
Dist. 150 Km.

eP 19:54:(28)
eS 49
Dist. about 190 Km.

24
iP 00:06:17

Dec.25 1968
eP 15:41:42.5

27
iP 13:59:46.3

28
eP 13:13:(30.5)

29
eP 06:58:30.7
eS 47
Dist. 145 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Dec.27 1968
eP 12:17:56.8
e(S) 18:30

eP 12:21:25.0
eS 37.2
Dist. 100 Km.

e(P) 14:01:36.2
e(S) 03:33.5

iP 14:25:49.7
e 50.0
e 26:14.8
Compression

eP 17:35:37.3
i(S) 36:04.3
e 36.5

eP 21:30:48.2
e 31:50.7
e(S) 32:16.2

Dec.27 1968
eP 22:04:(19.7)
Local

eP 22:38:01.5

28
eP 02:06:21.5
eS 07:21.1
Dist. 570 Km.

eP 06:31:52.8
eS 32:07.0
Dist. 110 Km.

eP 09:30:04.4
eS 43.3
Dist. 350 Km.

iP 09:45:39.8
Local
Dilatation

Dec.28 1968
eP 10:14:02.5
eS 39.5
Dist. 330 Km.

eP 10:40:23.4
e 26.8
eS 50.7
Dist. 240 Km.

e(P) 12:58:01
eS 42.8

eP 14:01:39.5
eS 02:09.3
Dist. 270 Km.

eP 14:22:13.9
e(S) 35.1

eP 14:34:06.2
eS 16.2
Dist. 90 Km.

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PROVISIONAL READINGS AT ANTOFAGASTA

23° 42' 18" S 70° 24' 55" W h 80 m

Dec.28 1968
iP 15:21:48.6
iS 22:14.7
Dist. 230 Km.
Compression

eP 17:44:(11.5)
eS 35.7
Dist. about 210 Km.

29 iP 16:26:49.5
Compression

eP 19:48:14.5
eS 37.6
Dist. 200 Km.

eP 22:59:21.4

30 iP 00:30:44.7
iS 31:23.5
Compression
Dist. 350 Km.

eP 01:23:(59.5)

e(P) 03:23:01.3

eP 03:11:44.0
eS 12:15.5
Dist. 290 Km.

e(P) 04:00:(05.8)

eP 05:05:08

eP 05:28:43.0
eS 29:19.9
Dist. 330 Km.

eP 08:23:21.5
Local

eP 10:36:11
eS (44.2)

Dec.30 1968
eP 22:20:44.3
e(S) 21:27.5

eP 22:28:(30.5)
eS 29:07.3

31 eP 01:47:49.3
eS 48:28.2
Dist.350 Km.

eP 06:43:19.5
Local

eP 09:30:30.0
e(S) 57.5

e(P) 09:33:08
eS (35.8)

eP 10:23:53.4
iS 58.5
Dist. 40 Km.

eP 11:50:11.5
eS 18.5
Dist. 60 Km.

e(P) 12:25:56.8
i 57.8

eP 14:33:32.9
eS 39.7
Dist. 60 Km.

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