

Apêndice

Detonações Realizadas no Canteiro de Obras da UHE Santo Antônio

**Abril
2012**

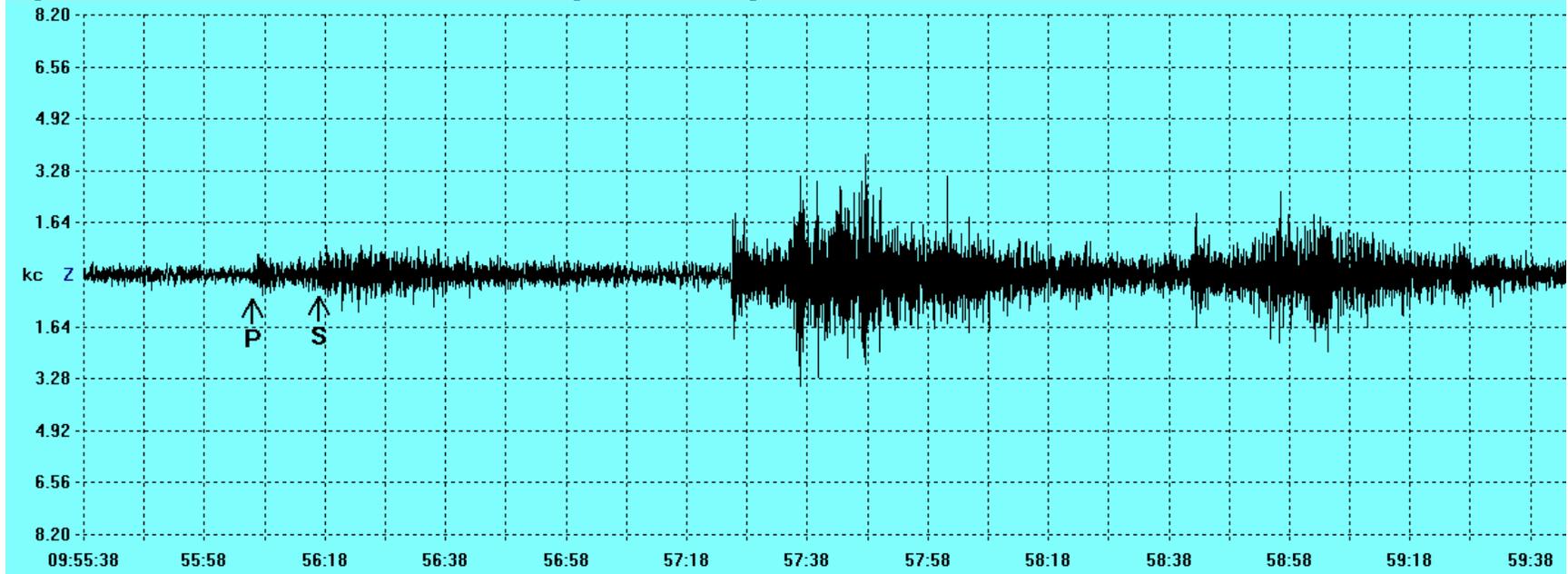
Registros das Estações SAML, SANT1 e SANT2

Observação

Todos os registros da estação SAML mostrados nesta seção foram filtrados com um filtro do tipo high-pass (acima de 1.0 Hz, com 4 polos). Quando foi empregado outro tipo de filtro, o procedimento foi indicado em cada caso.

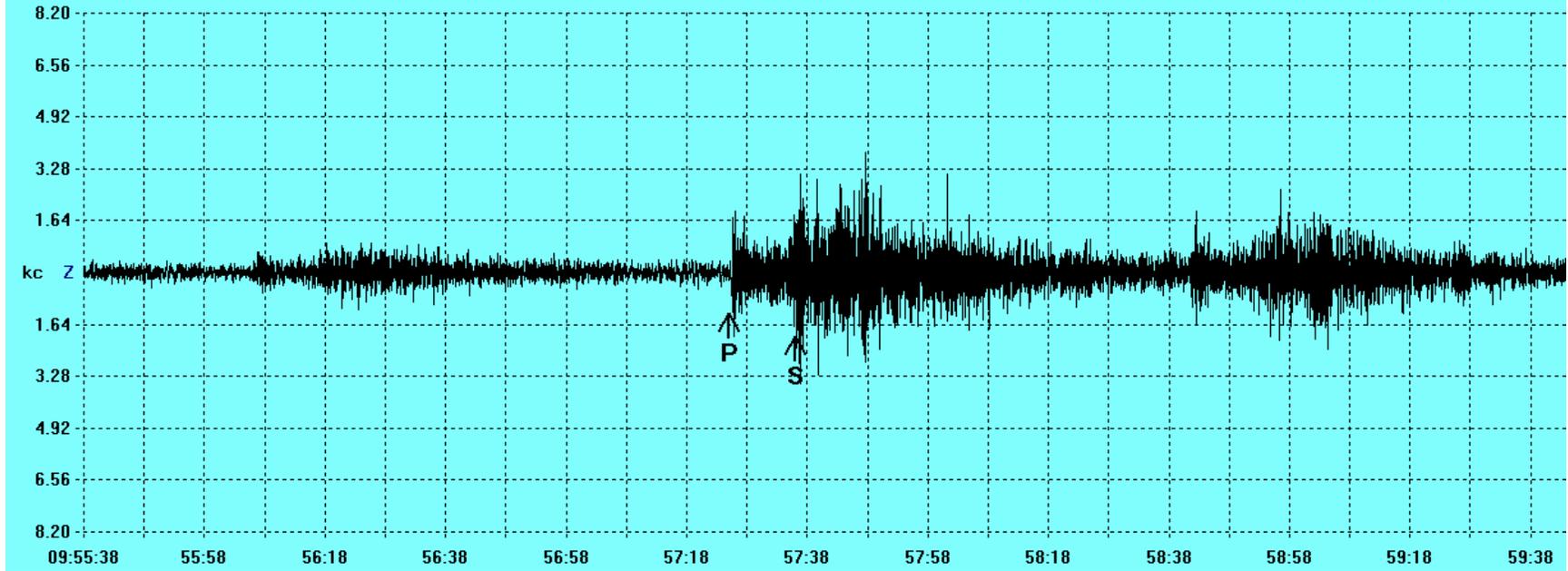
Registro de SAML:

Start: 4/03/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 7990/-8171 X: 4.06.0 Y: 8.2kc
Org: 9:55:51.1 P: 9:56:06.0 S: 9:56:17.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



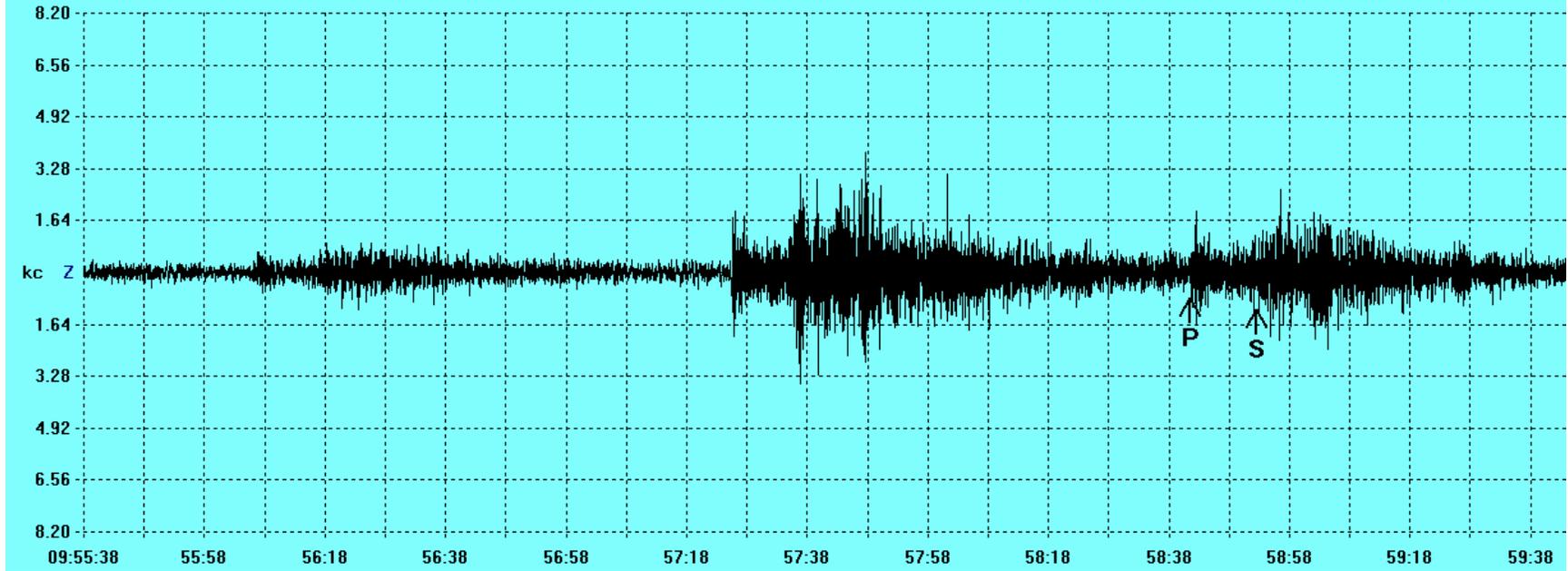
Evento 1

Start: 4/03/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 7990/-8171 X: 4.06.0 Y: 8.2kc
Org: 9:57:10.1 P: 9:57:25.0 S: 9:57:36.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



Evento 1

Start: 4/03/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 7990/-8171 X: 4.06.0 Y: 8.2kc
Org: 9:58:26.6 P: 9:58:41.5 S: 9:58:52.5 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

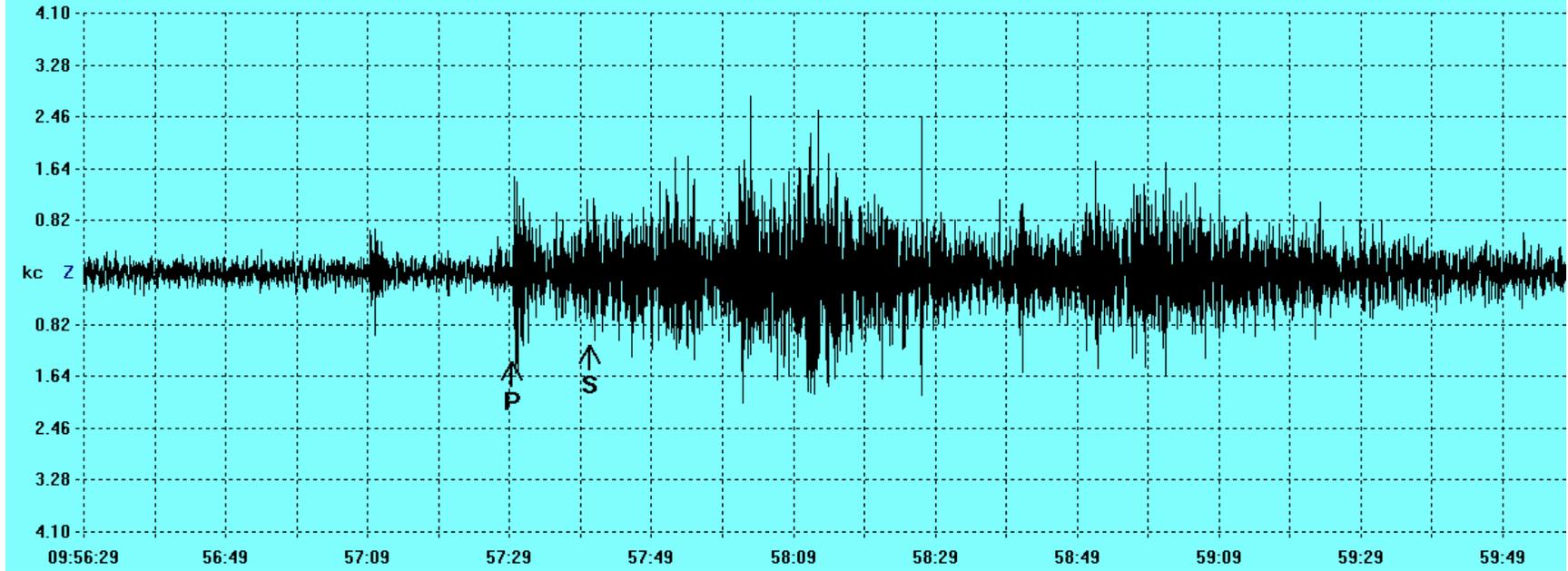


Evento 1

Registro de SANT2:

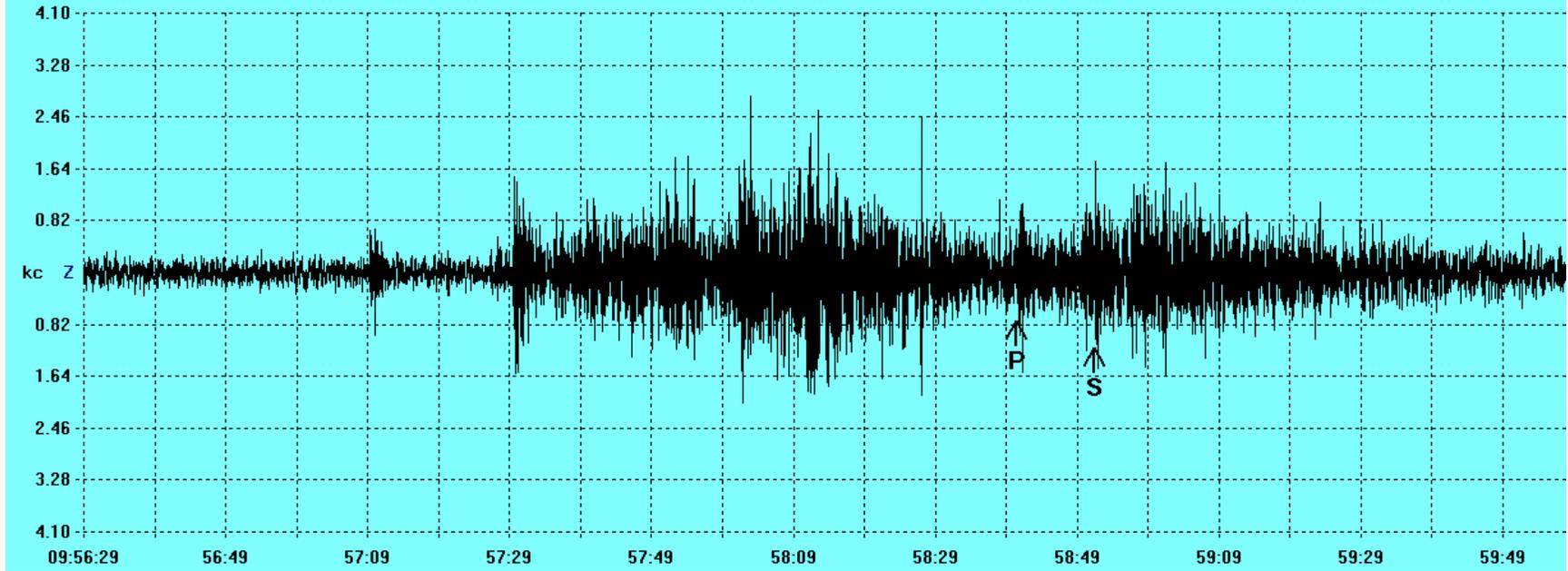


Start: 4/04/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 2866/-4093 X: 3:29.0 Y: 4.1kc
Org: 9:57:14.4 P: 9:57:29.3 S: 9:57:40.3 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



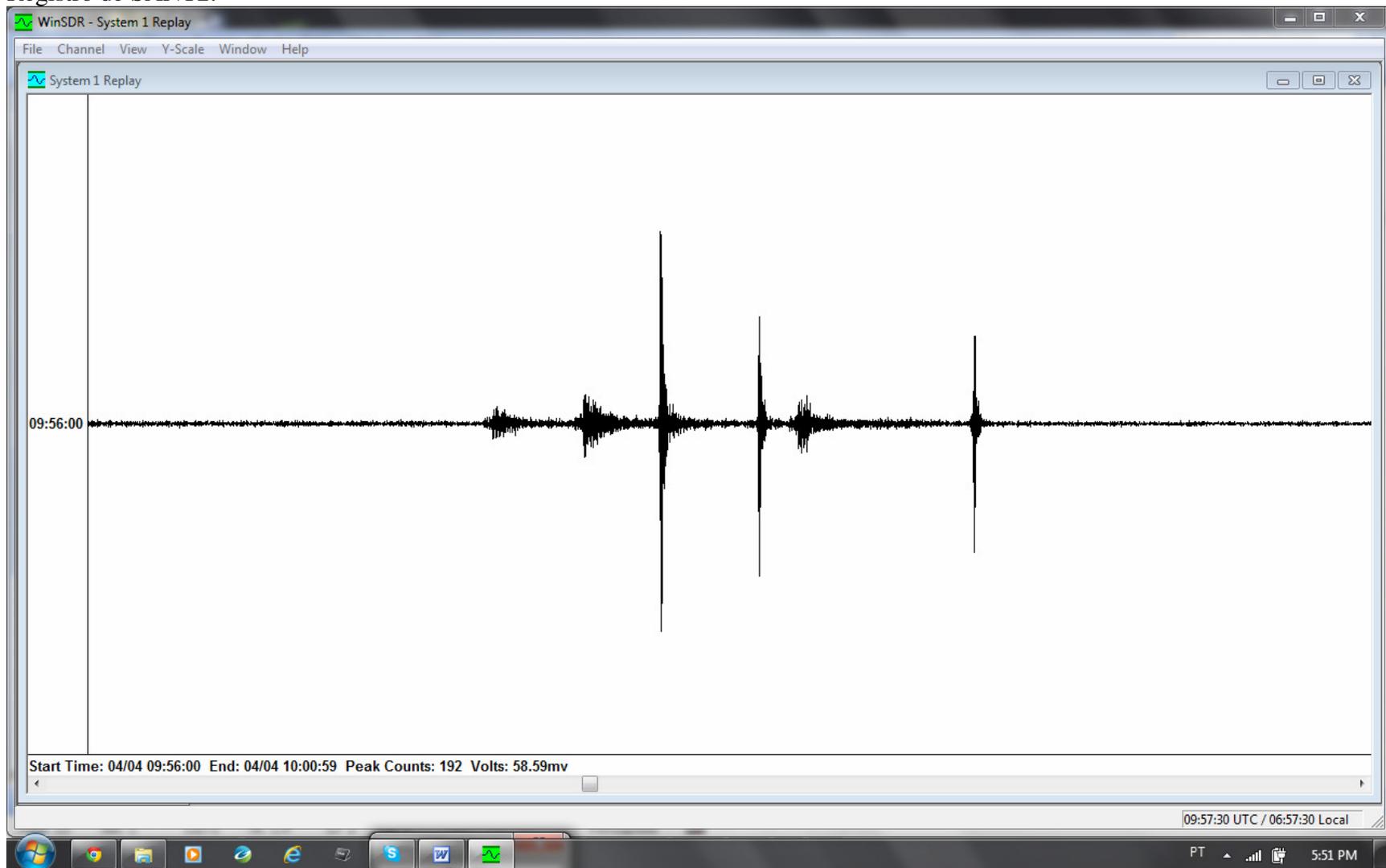
Evento 2

Start: 4/04/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 2866/-4093 X: 3:29.0 Y: 4.1kc
Org: 9:58:25.5 P: 9:58:40.4 S: 9:58:51.4 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

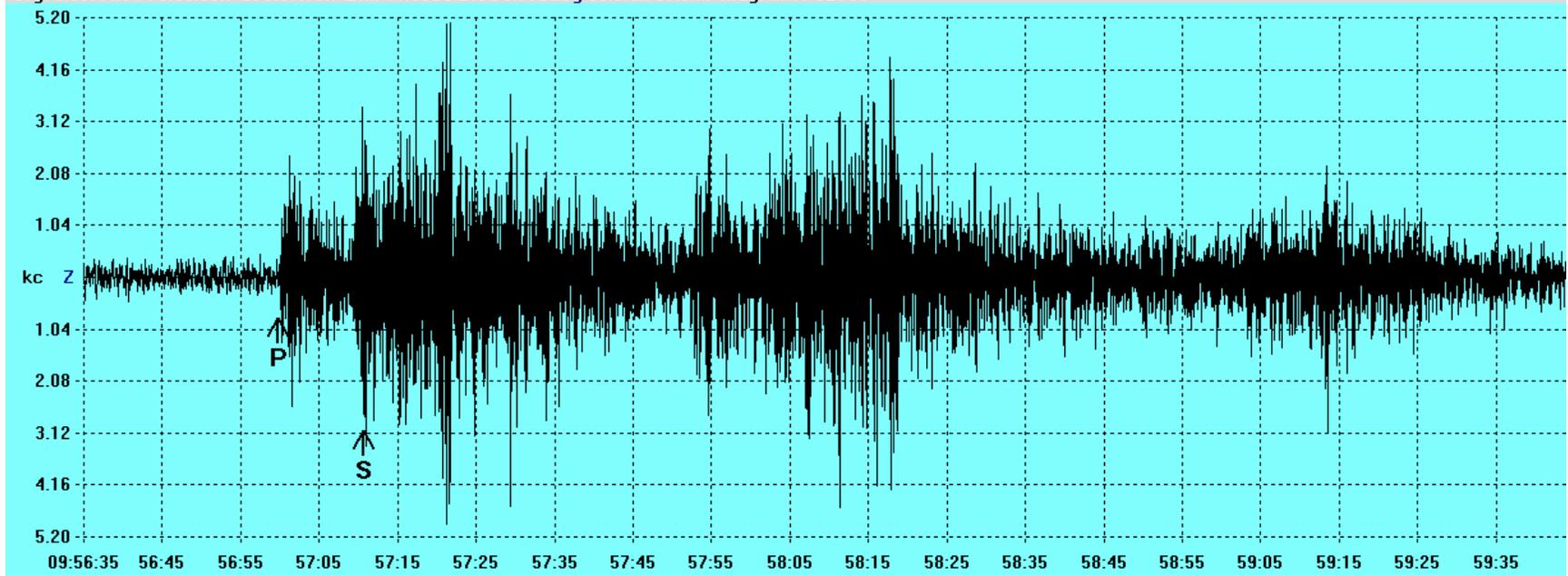


Evento 2

Registro de SANT2:

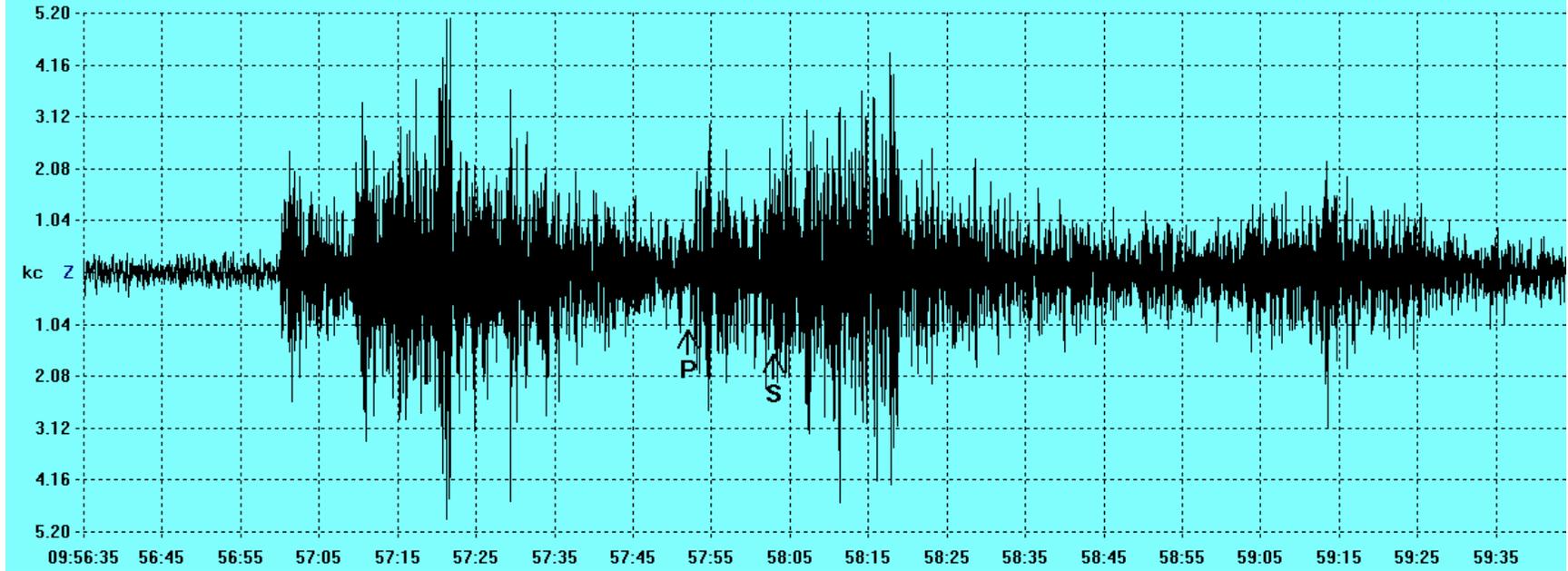


Start: 4/05/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 5104/-4954 X: 3:09.0 Y: 5.2kc
Org: 9:56:44.8 P: 9:56:59.7 S: 9:57:10.7 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



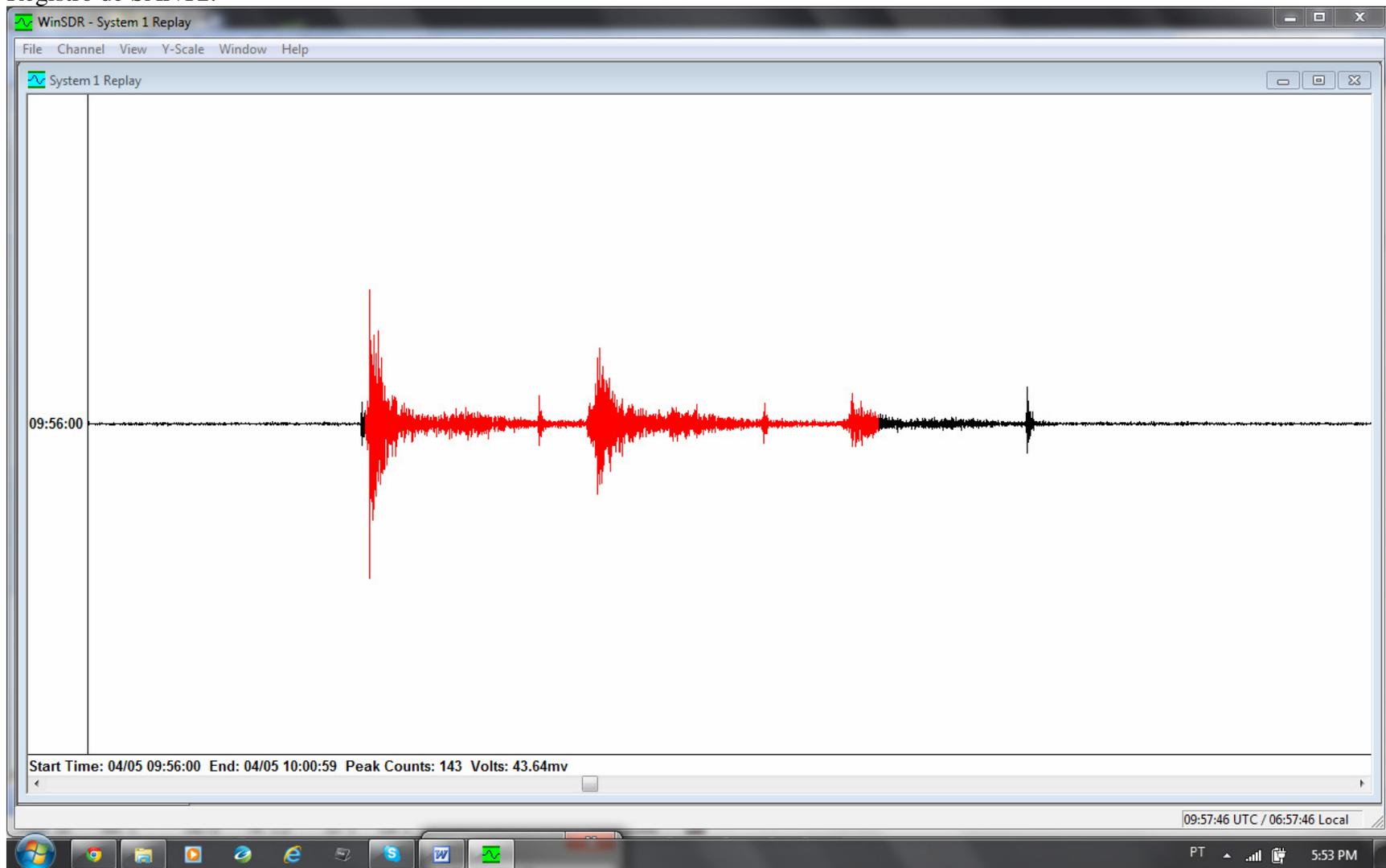
Evento 3

Start: 4/05/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 5104/-4954 X: 3:09.0 Y: 5.2kc
Org: 9:57:37.3 P: 9:57:52.0 S: 9:58:02.9 Diff: 10.9sec Dist: 0.761 deg 84.6km 52.6mi Mag: MI?? JB: 33

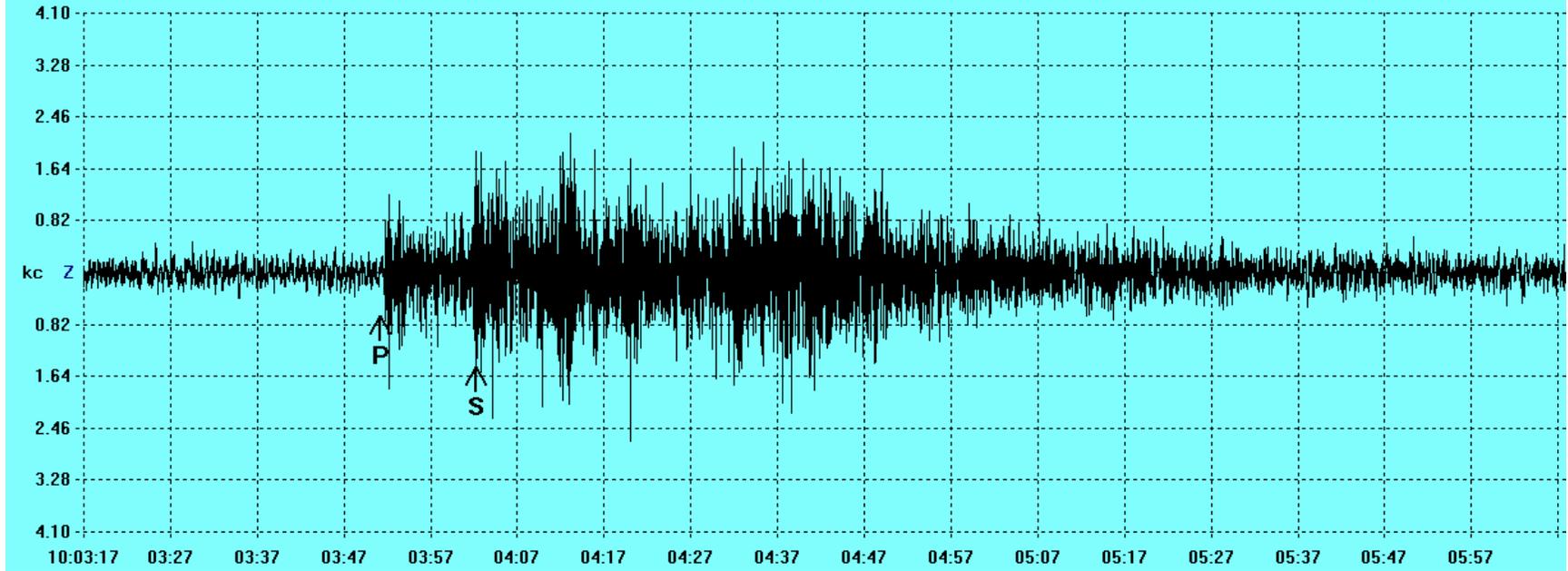


Evento 3

Registro de SANT2:

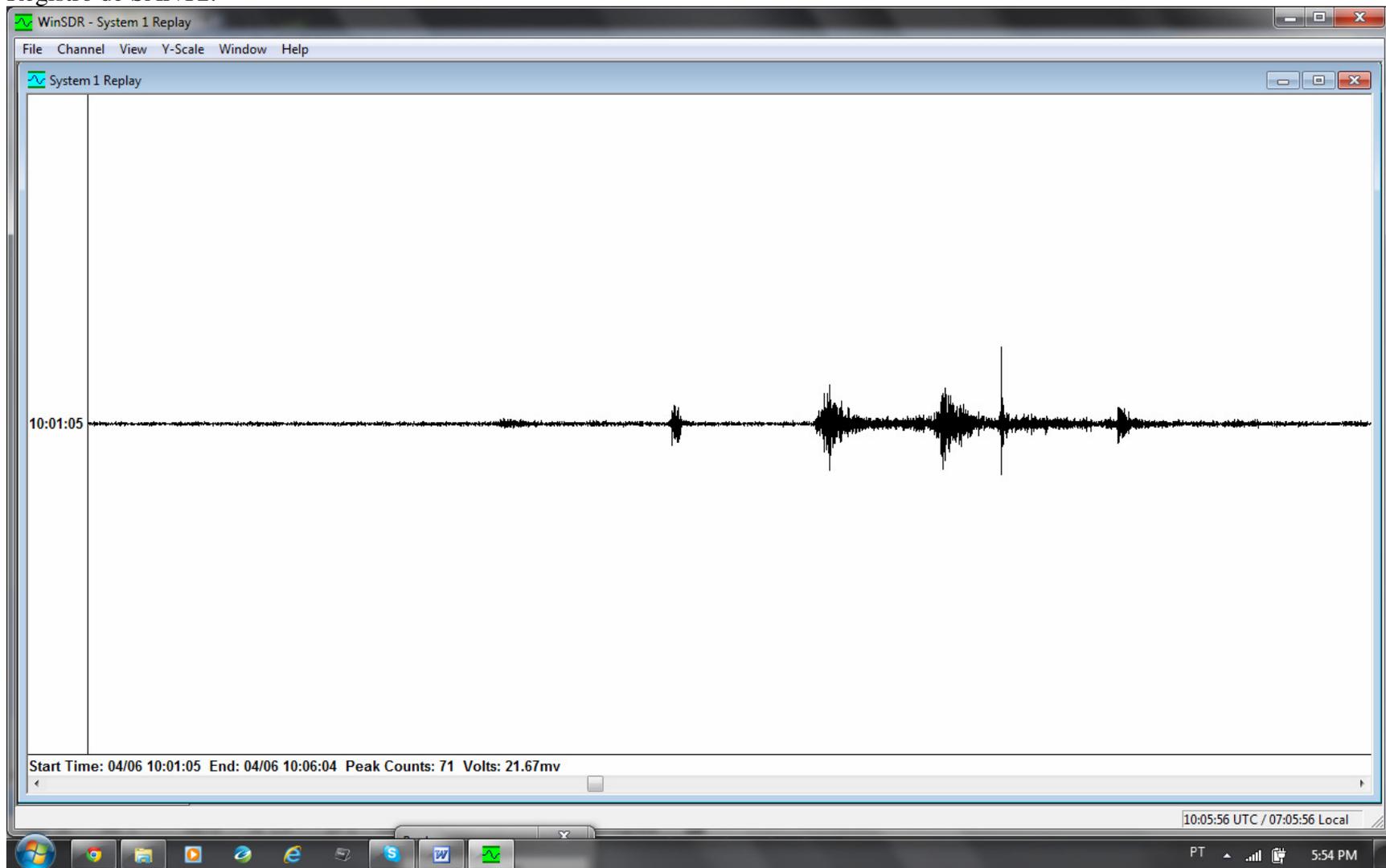


Start: 4/06/12 9:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 2663/-4001 X: 2.51.0 Y: 4.1kc
Org: 10:03:36.3 P: 10:03:51.2 S: 10:04:02.2 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

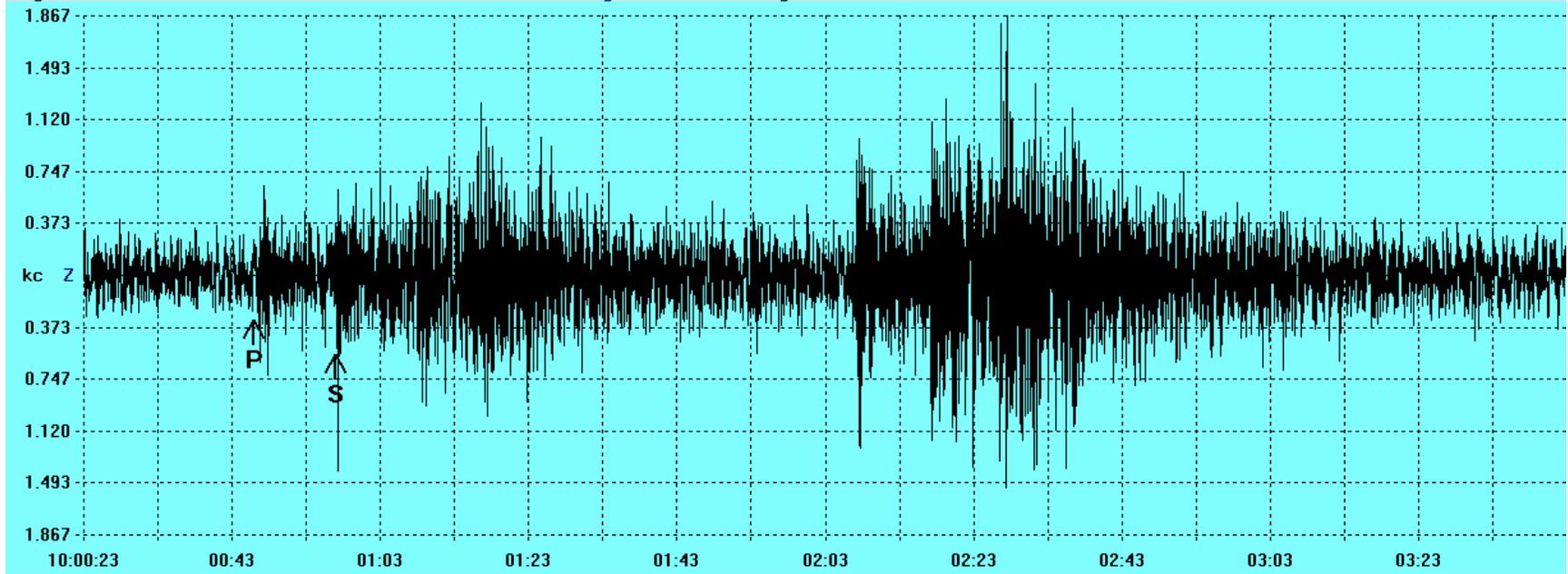


Evento 4

Registro de SANT2:

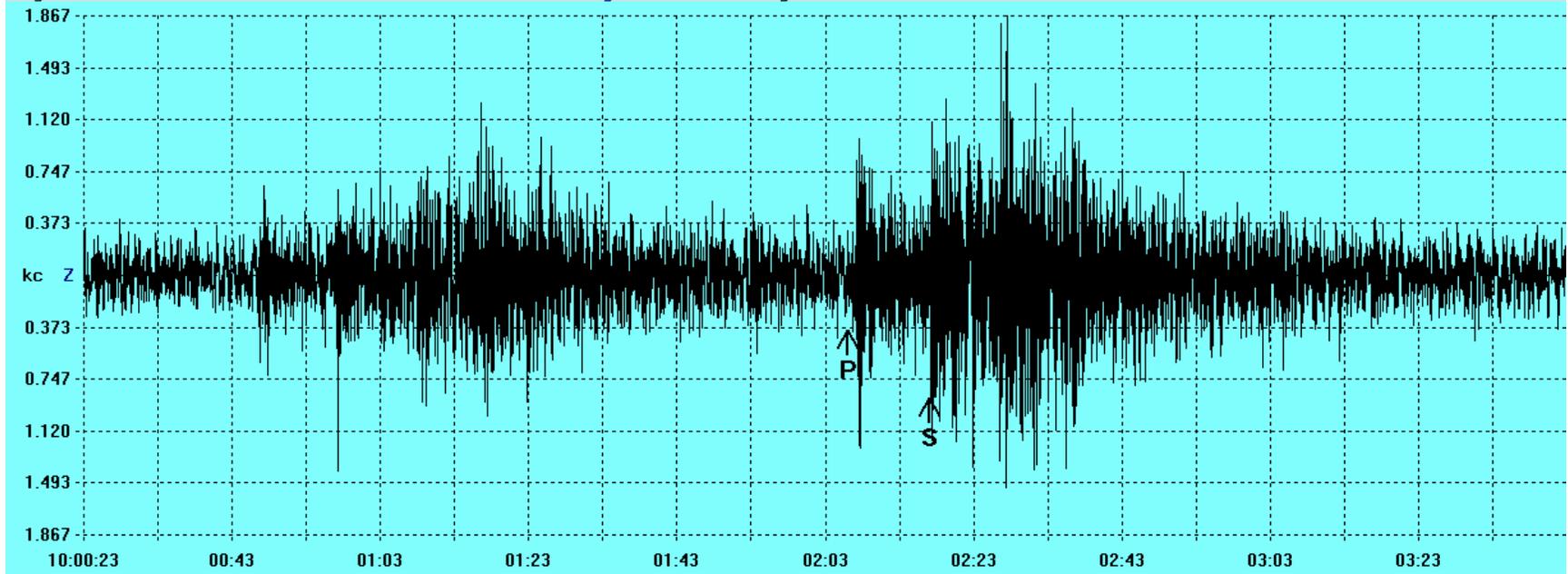


Start: 4/10/12 9:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 27798/-21846 X: 3:20.0 Y: 1.86667kc
Org: 10:00:31.0 P: 10:00:45.9 S: 10:00:56.9 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



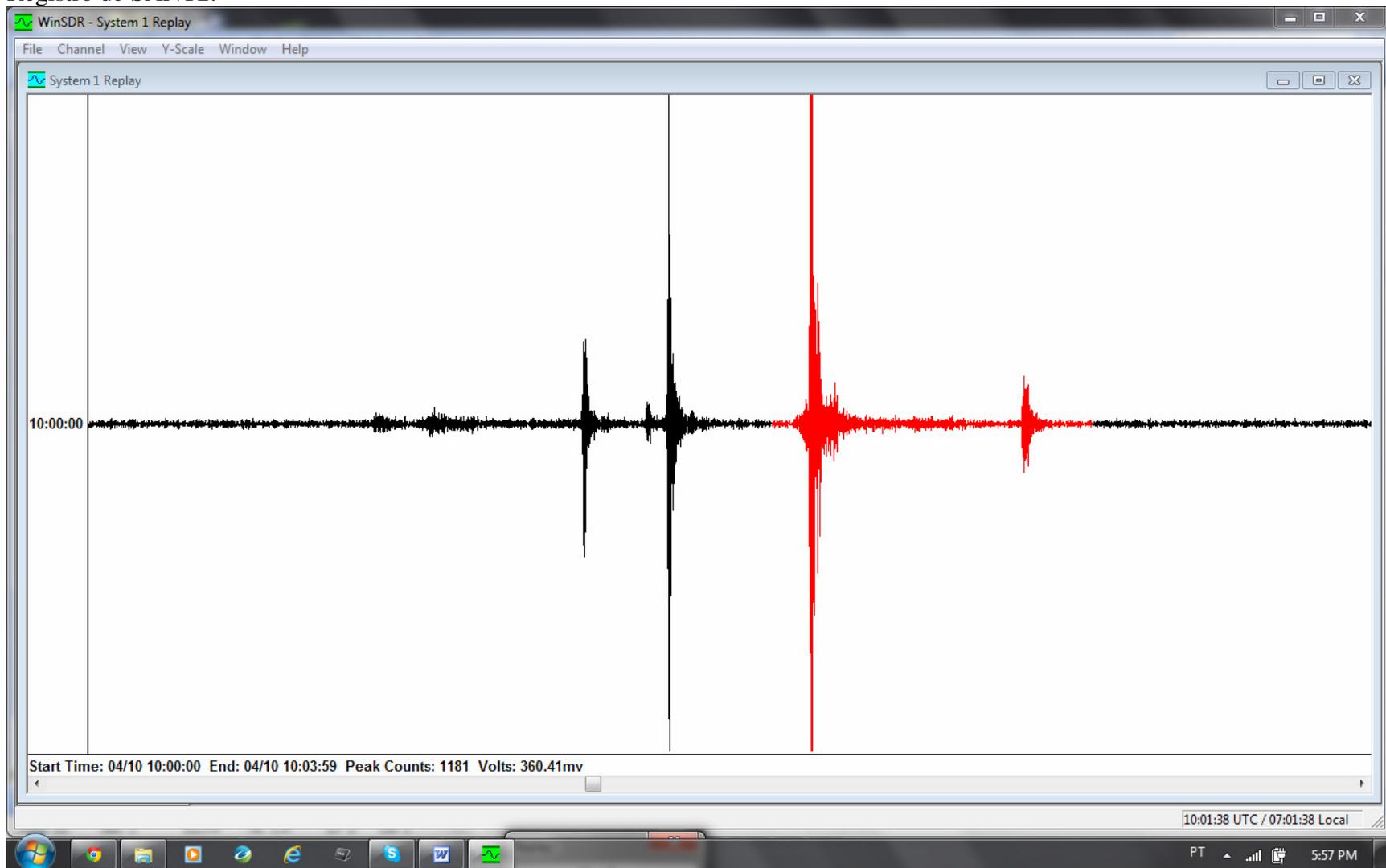
Evento 5

Start: 4/10/12 9:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 27798/-21846 X: 3:20.0 Y: 1.86667kc
Org: 10:01:51.1 P: 10:02:06.0 S: 10:02:17.0 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

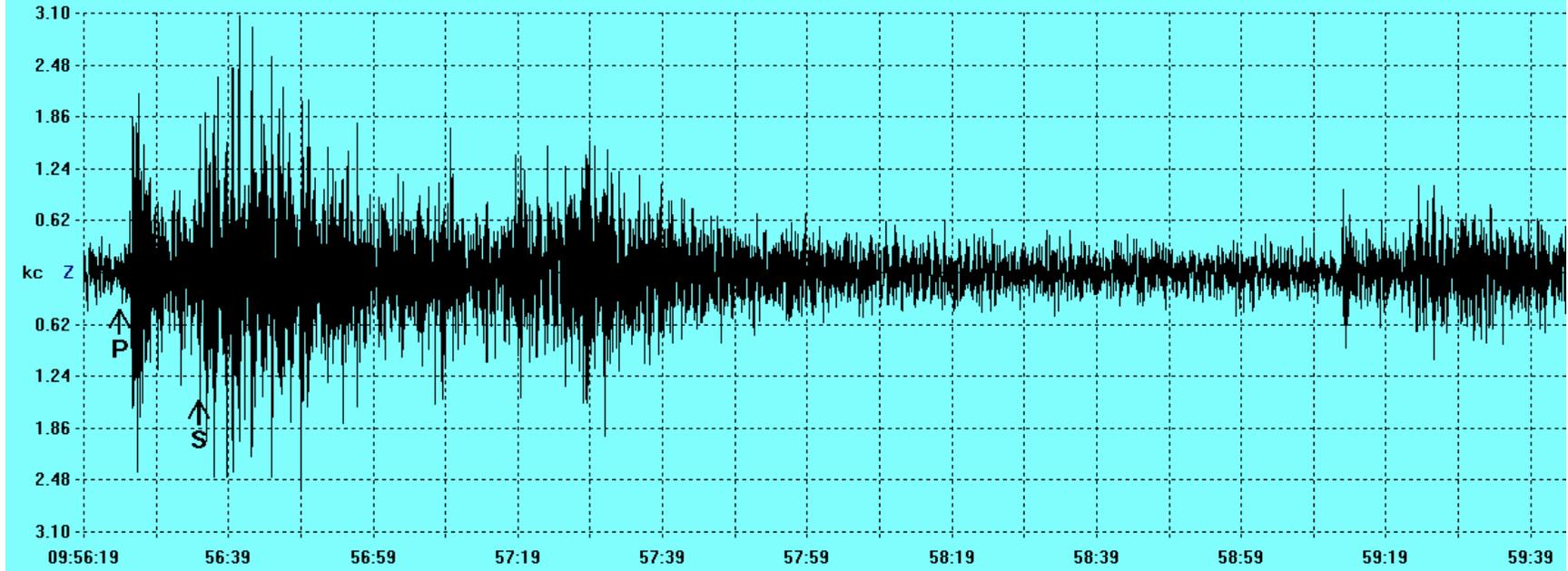


Evento 5

Registro de SANT2:

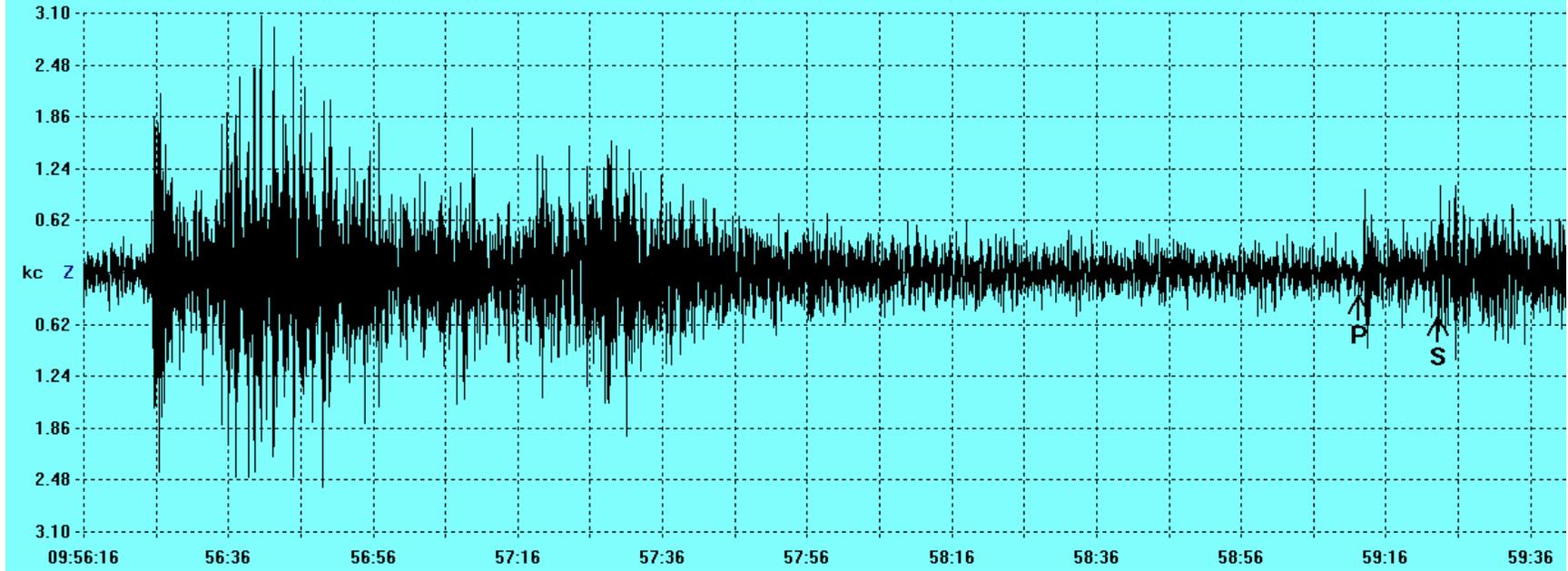


Start: 4/12/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 3063/-2562 X: 3:25.0 Y: 3.1kc
Org: 9:56:09.0 P: 9:56:23.9 S: 9:56:34.9 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33



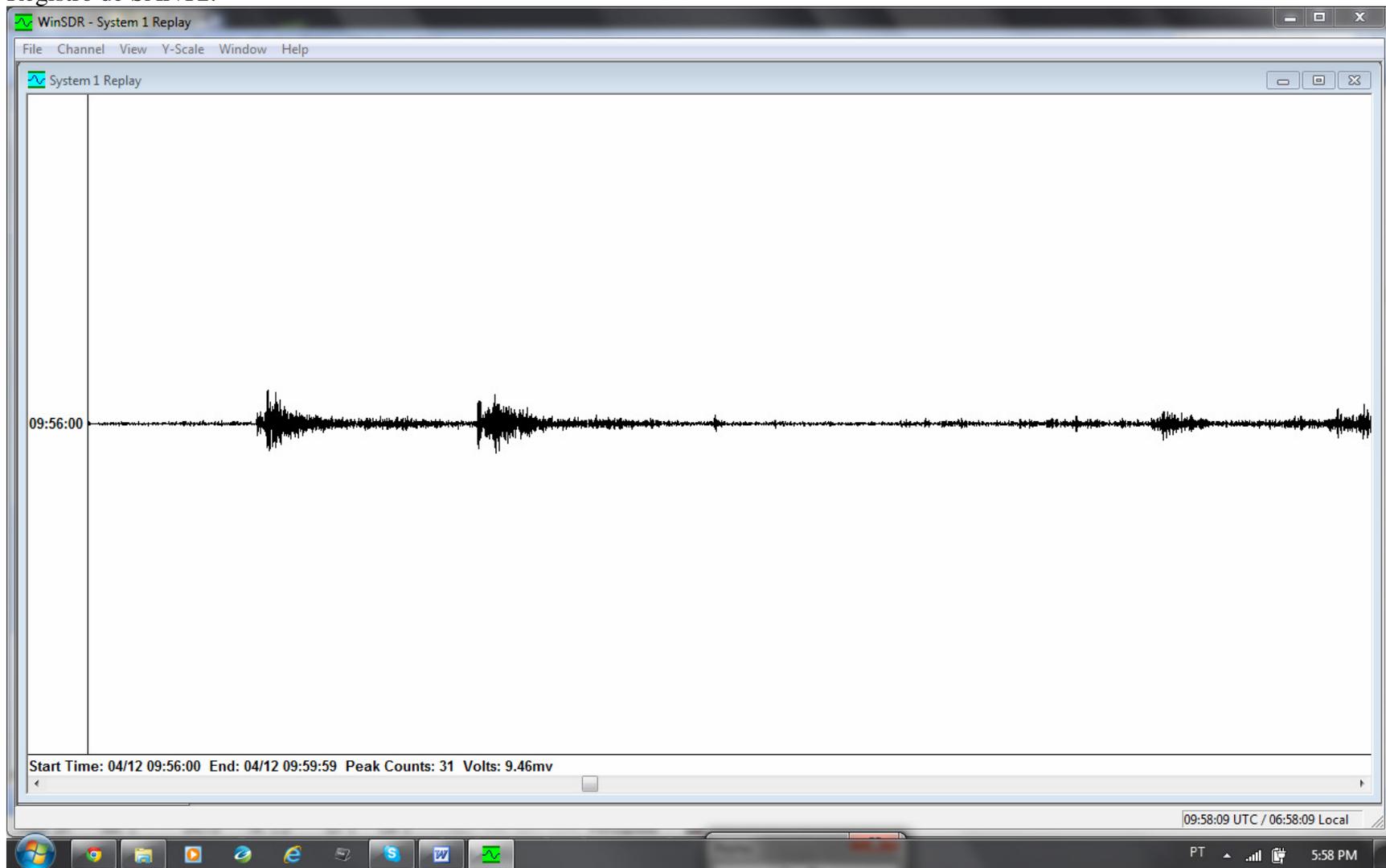
Evento 6

Start: 4/12/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 3063/-2562 X: 3:25.0 Y: 3.1kc
Org: 9:58:57.3 P: 9:59:12.2 S: 9:59:23.2 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

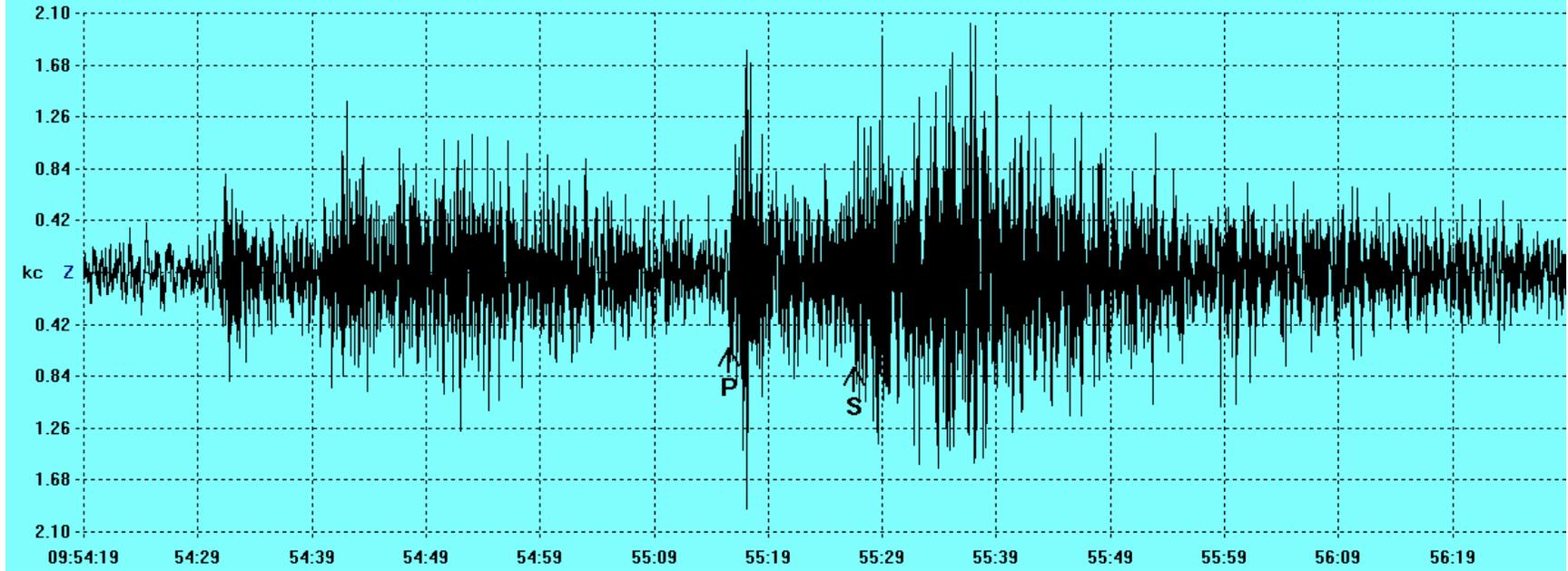


Evento 6

Registro de SANT2:

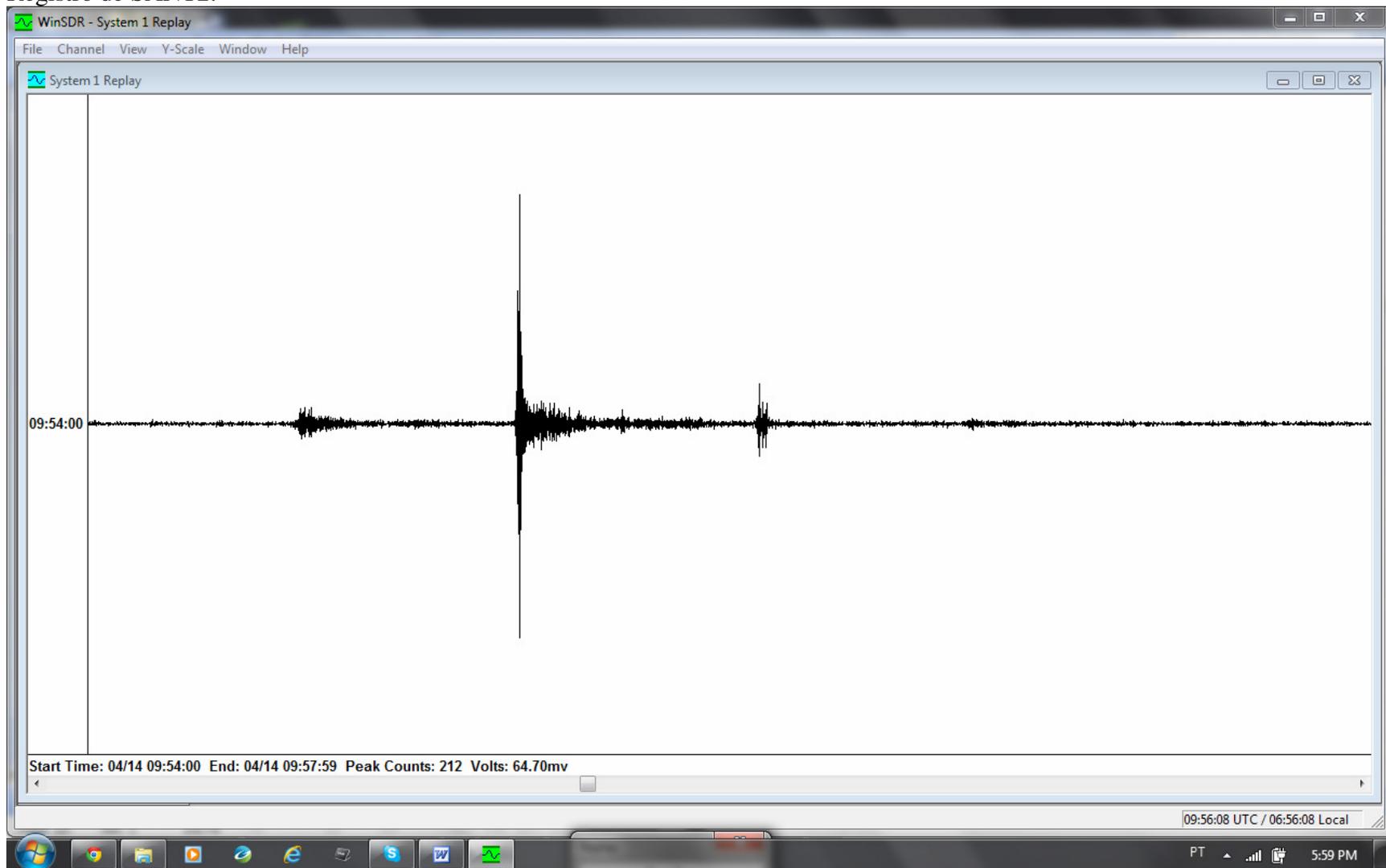


Start: 4/14/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 2016/-1911 X: 2:10.0 Y: 2.1kc
Org: 9:55:00.6 P: 9:55:15.5 S: 9:55:26.5 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

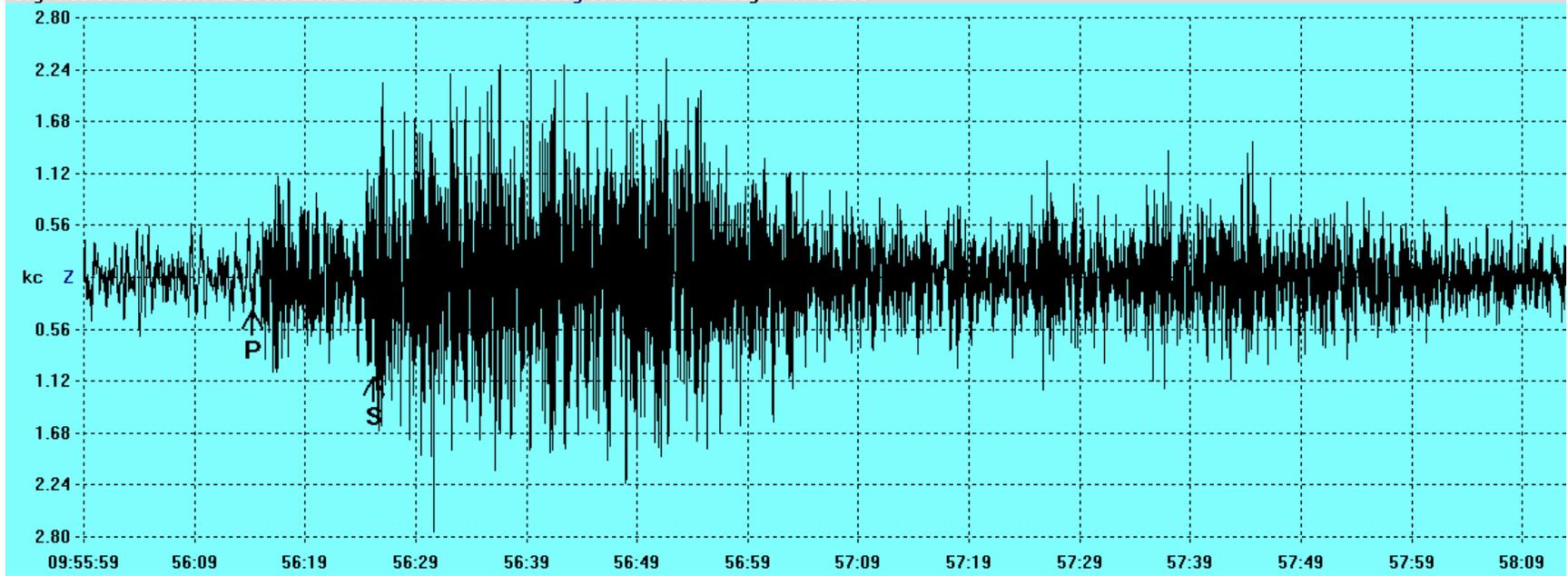


Evento 7

Registro de SANT2:



Start: 4/17/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 2358/-2738 X: 2:14.0 Y: 2.8kc
Org: 9:55:59.3 P: 9:56:14.2 S: 9:56:25.2 Diff: 11.0sec Dist: 0.772deg 85.8km 53.3mi Mag: MI?? JB: 33

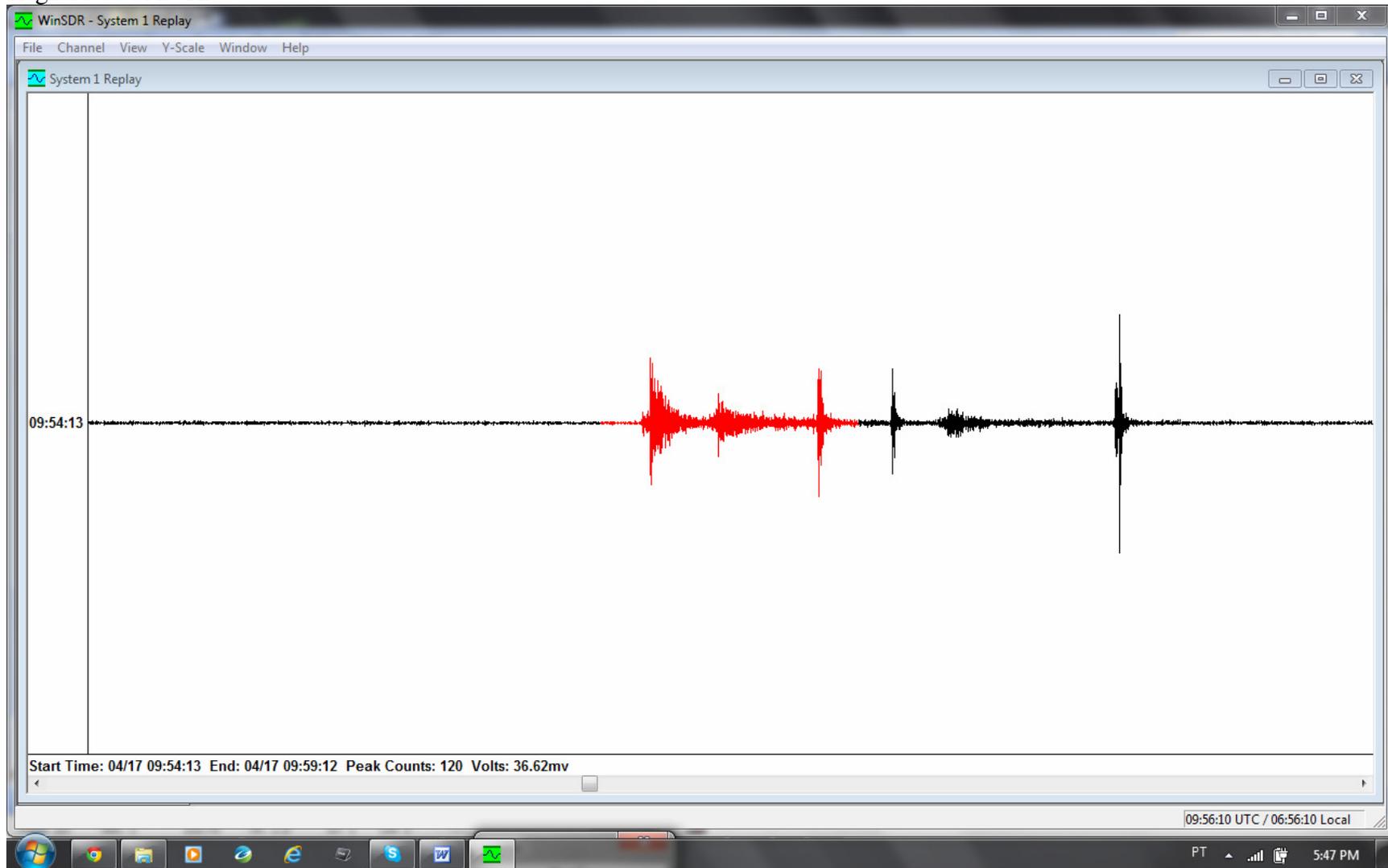


Evento 8

Registro de SANT1:



Registro de SANT2:



Principais Telessismos Registrados no Canteiro de Obras da UHE Santo Antônio

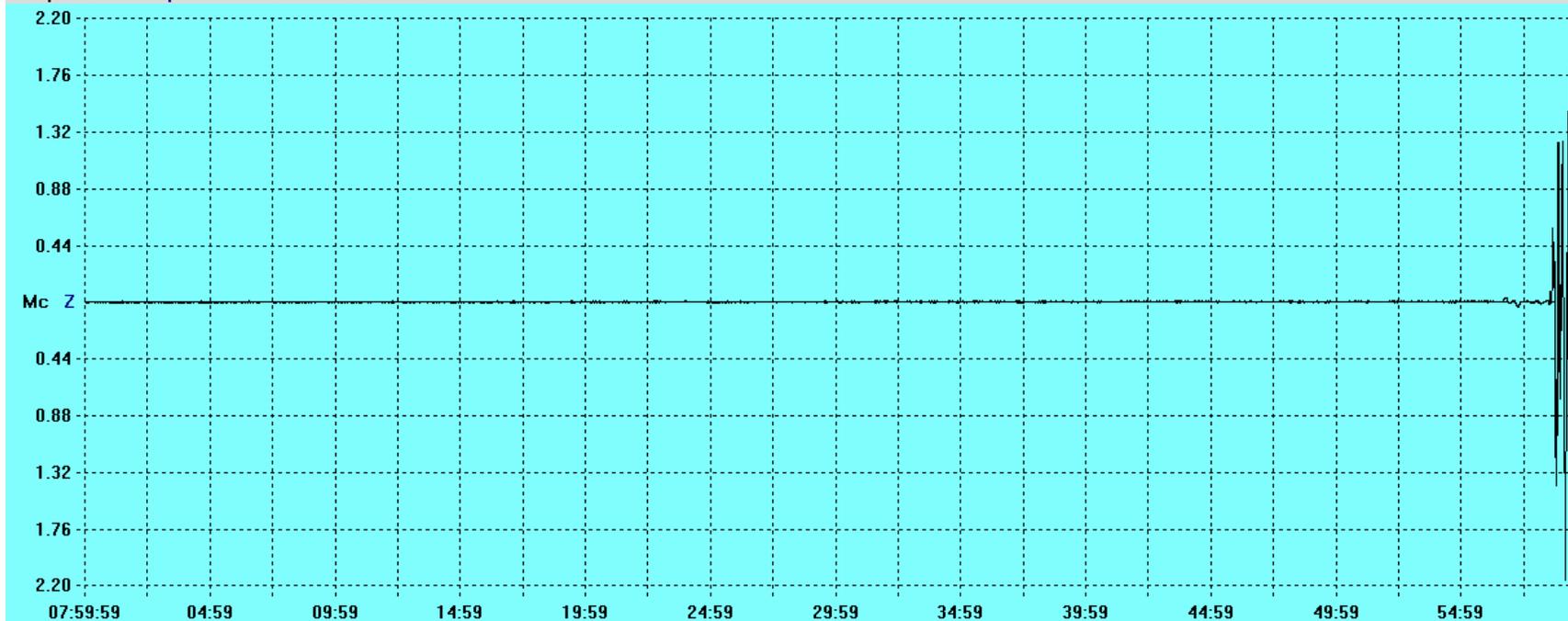
**Abril
2012**

Registros das Estações SAML e SANT2

O sismograma a seguir não foi filtrado:

Start: 4/11/12 7:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 1837386/-2152308 X: 1:00:00 Y: 2.2Mc

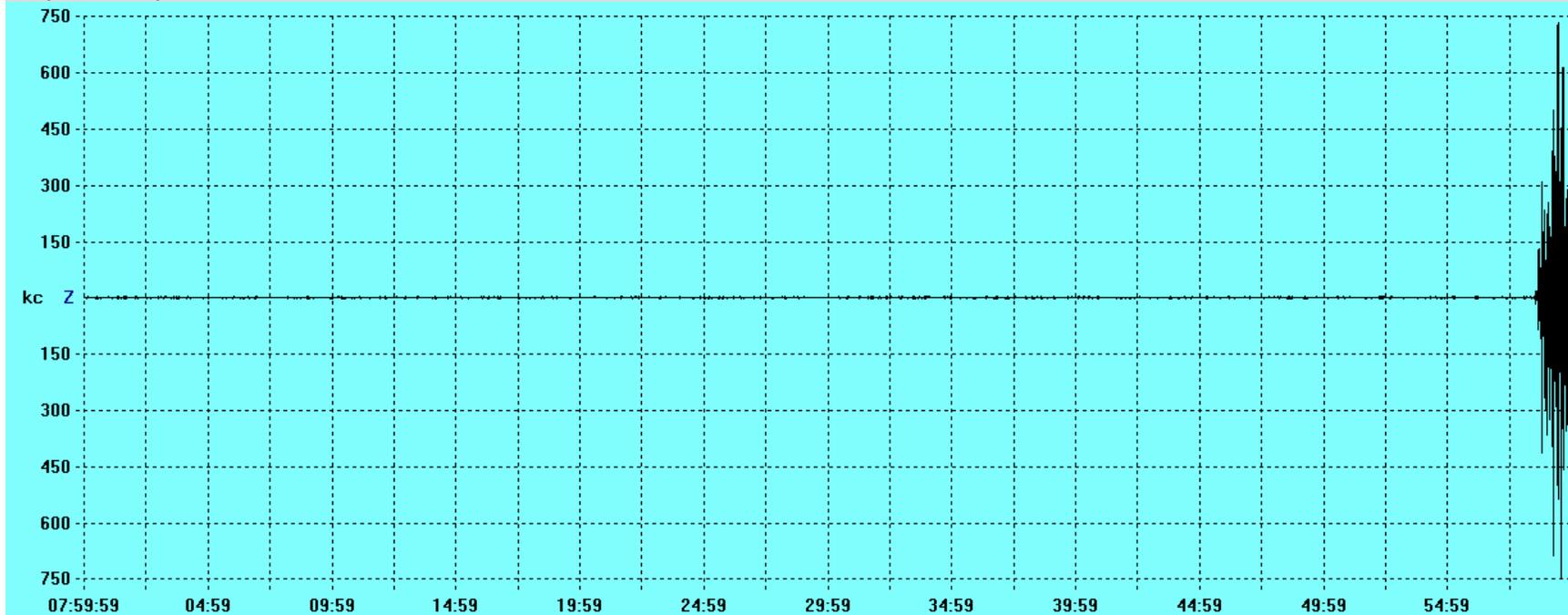


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Versão filtrada do sismograma acima: o sismograma a seguir foi filtrado usando-se um filtro band-pass (entre 0.3 e 1.0 Hz):

Start: 4/11/12 7:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 732230/-744864 X: 1:00:00 Y: 750kc

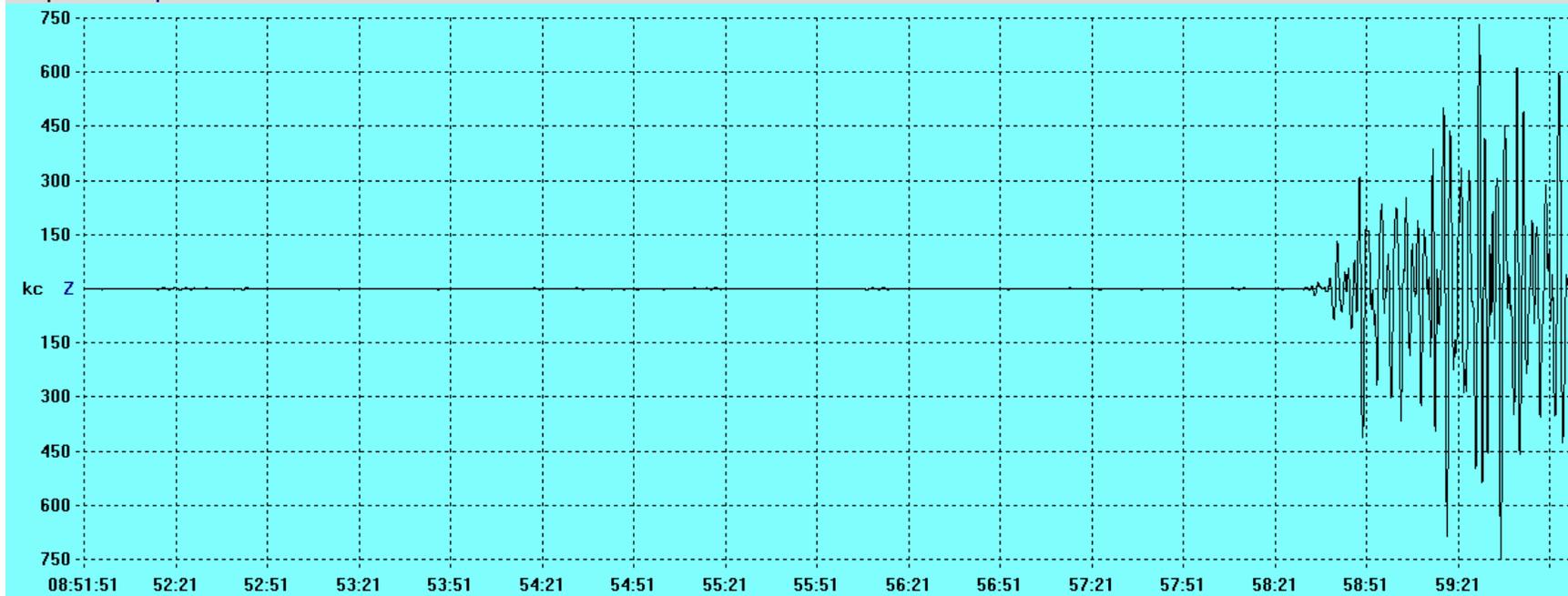


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Detalhes do sismograma mostrado acima:

Start: 4/11/12 7:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 732230/-744864 X: 8:07.0 Y: 750kc

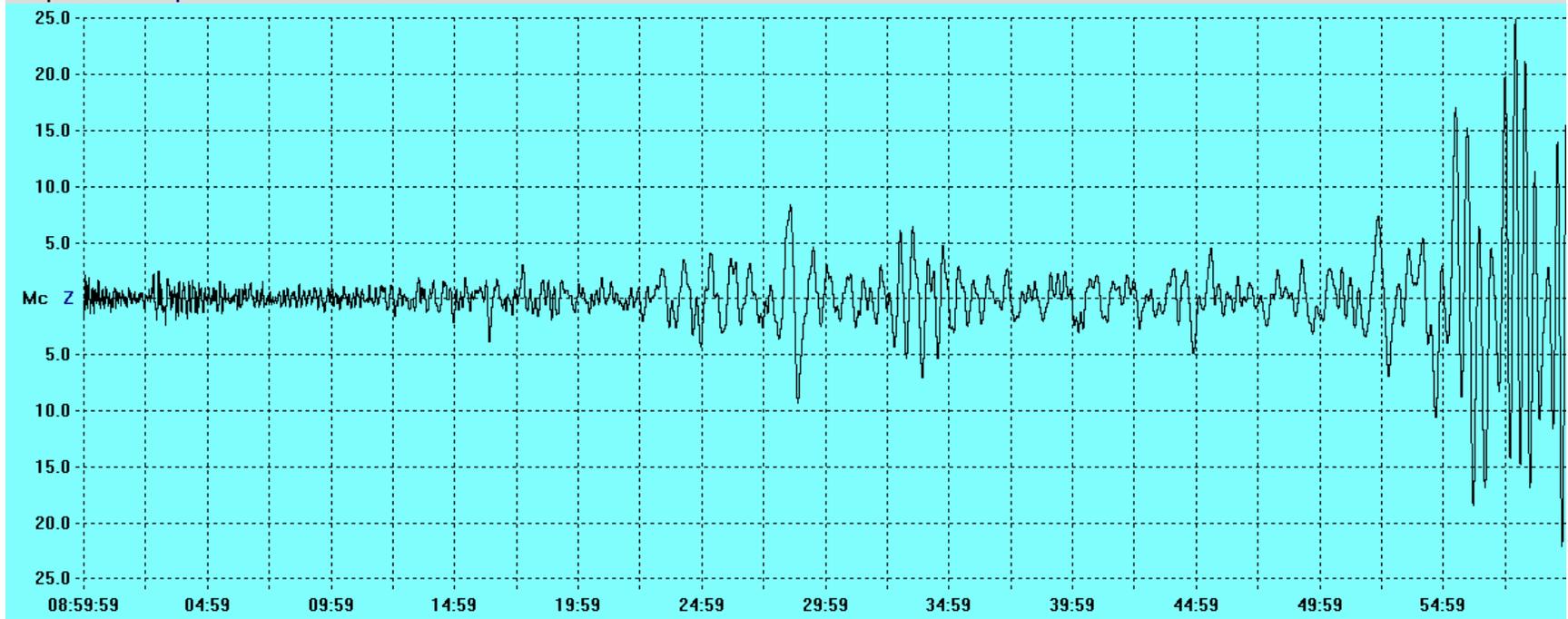


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Hora consecutiva à do sismograma acima (sismograma não filtrado):

Start: 4/11/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 24781313/-22135204 X: 1:00:00 Y: 25Mc

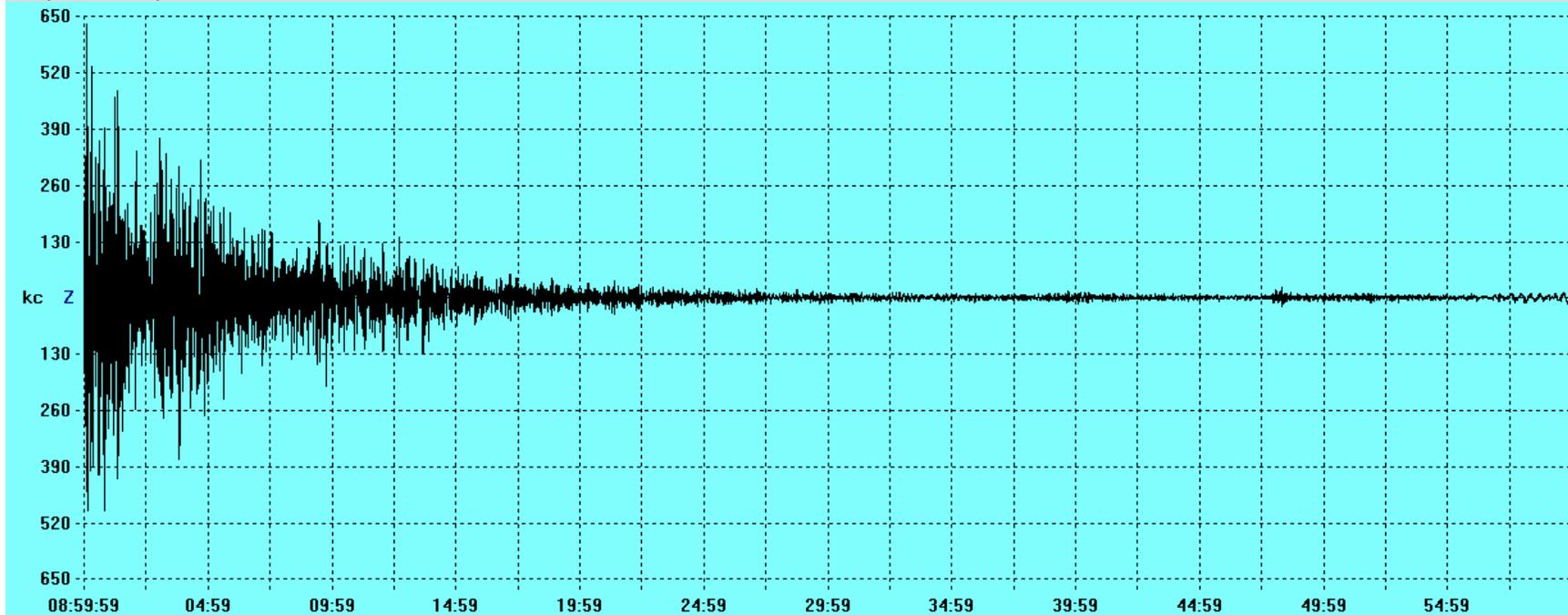


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/11/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 630530/-491767 X: 1:00:00 Y: 650kc

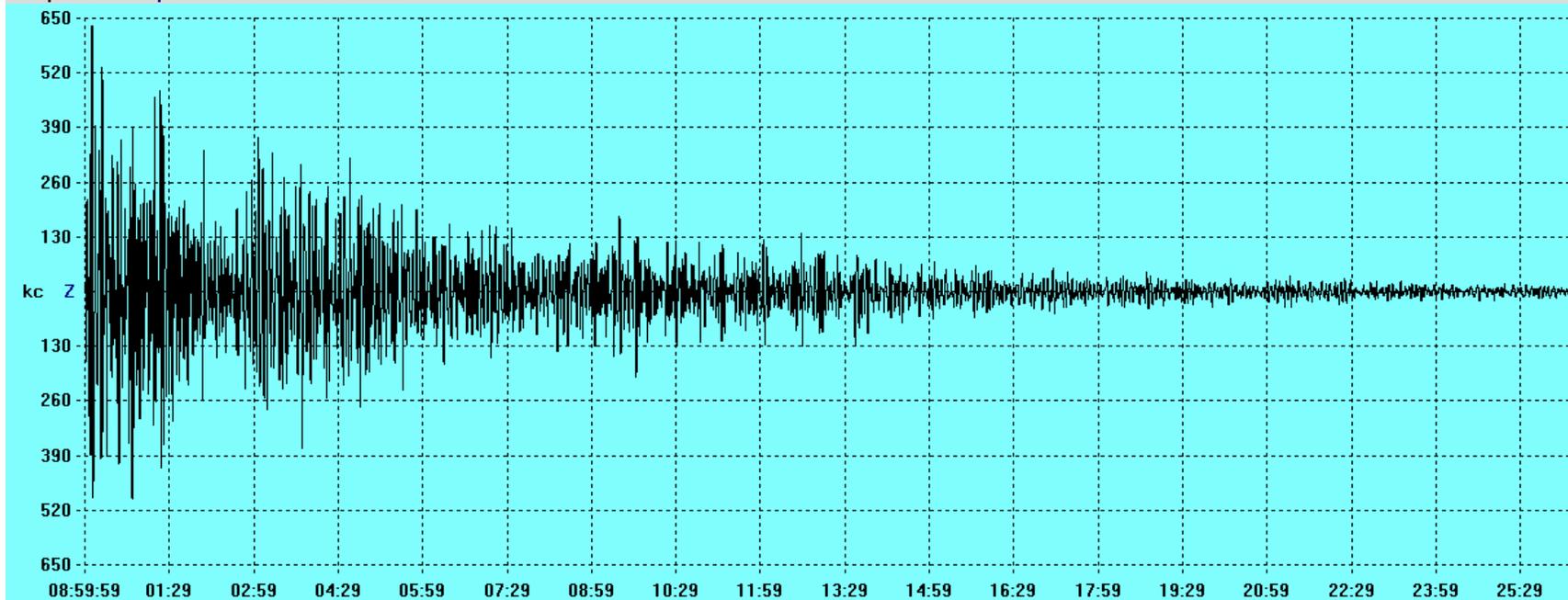


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Detalhes do sismograma acima:

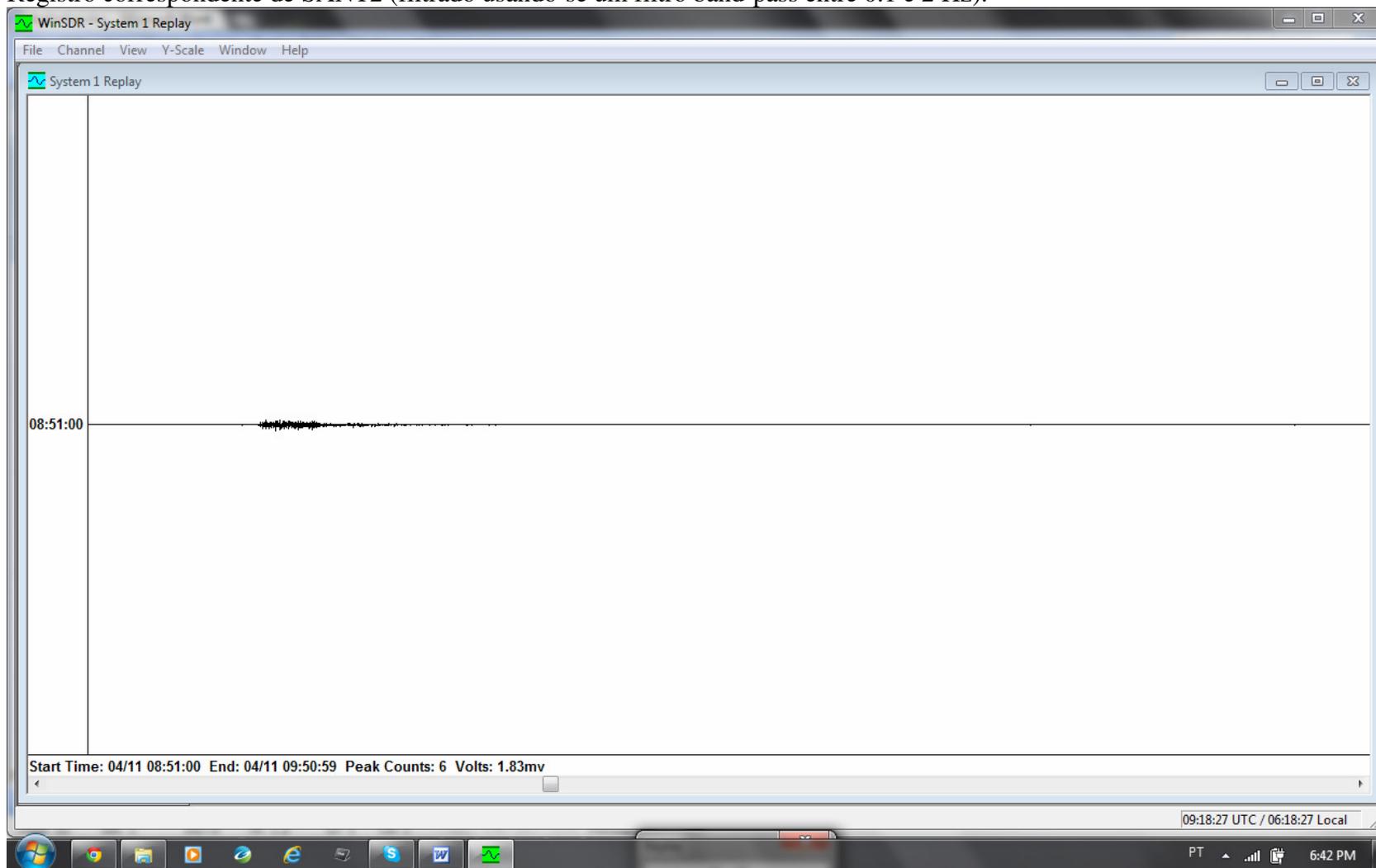
Start: 4/11/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 630530/-491767 X: 26:40.0 Y: 650kc



PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

Registro correspondente de SANT2 (filtrado usando-se um filtro band-pass entre 0.1 e 2 Hz):

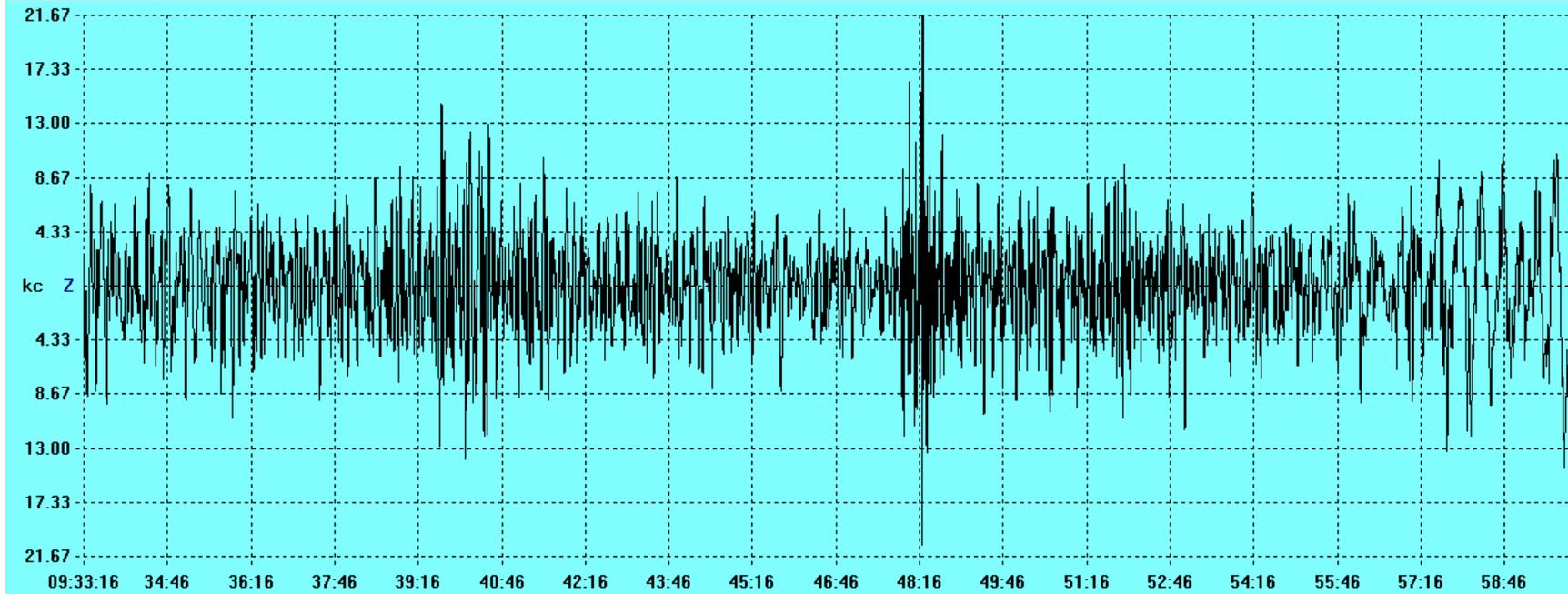


PDE-Q 2012 04 11 083836.90 2.29 93.08 20 8.6 MwWCMT

O sismograma a seguir foi filtrado usando-se o filtro band-pass entre 0.3 e 1.0 Hz.:

Start: 4/11/12 8:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 630530/-491767 X: 26:40.0 Y: 21.6667kc

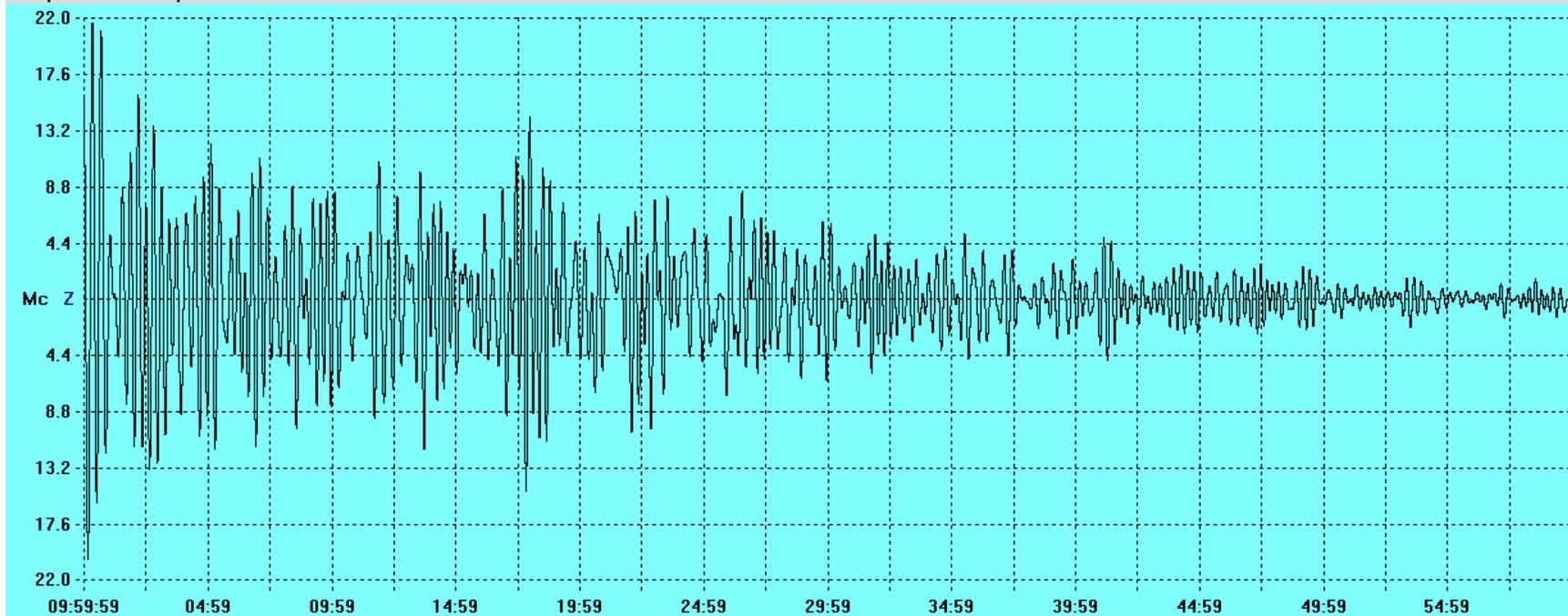


PDE-Q 2012 04 11 092756.76 1.25 91.74 10 6.0 mbGS

Hora consecutiva à do sismograma acima (sismograma não filtrado):

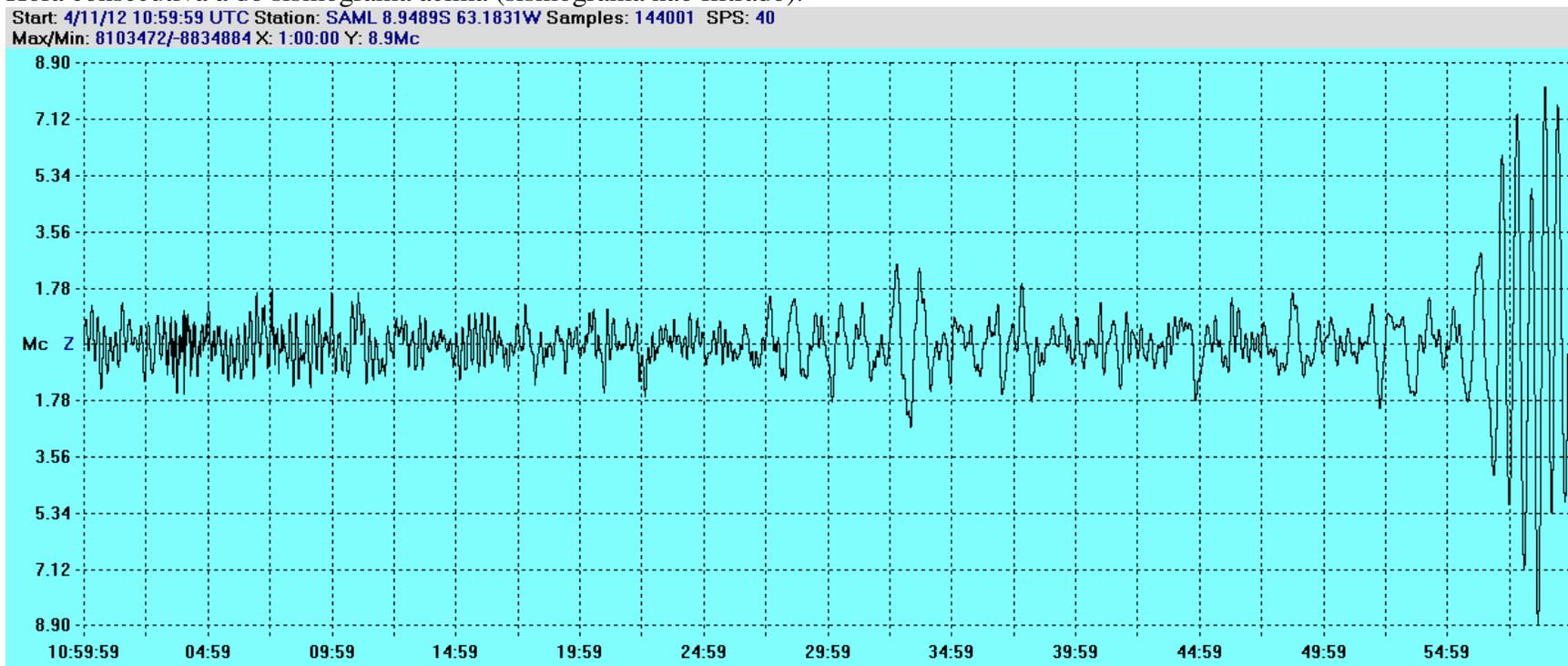
Start: 4/11/12 9:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 21544462/-20334255 X: 1:00:00 Y: 22Mc



PDE-Q 2012 04 11 092756.76 1.25 91.74 10 6.0 mbGS

Hora consecutiva à do sismograma acima (sismograma não filtrado):

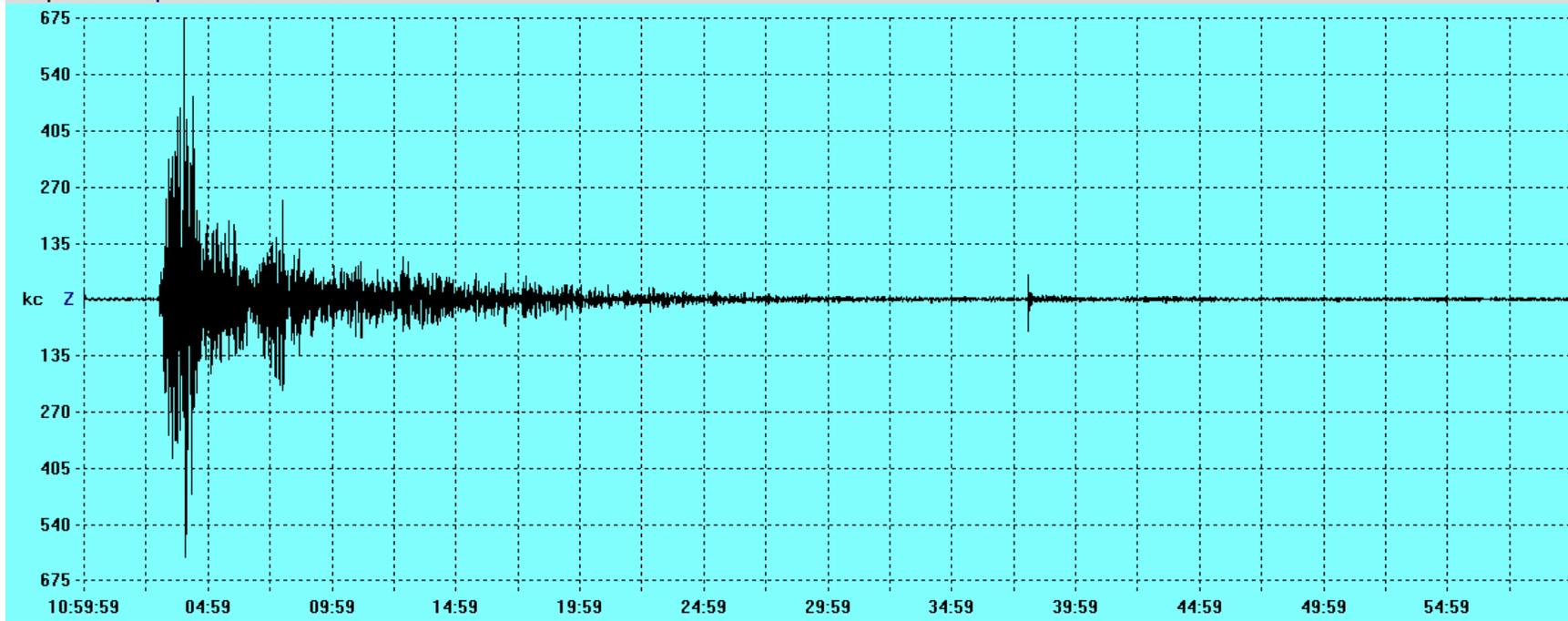


PDE-Q 2012 04 11 104310.85 0.80 92.46 25 8.2 MwUCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/11/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 671227/-617130 X: 1:00:00 Y: 675kc

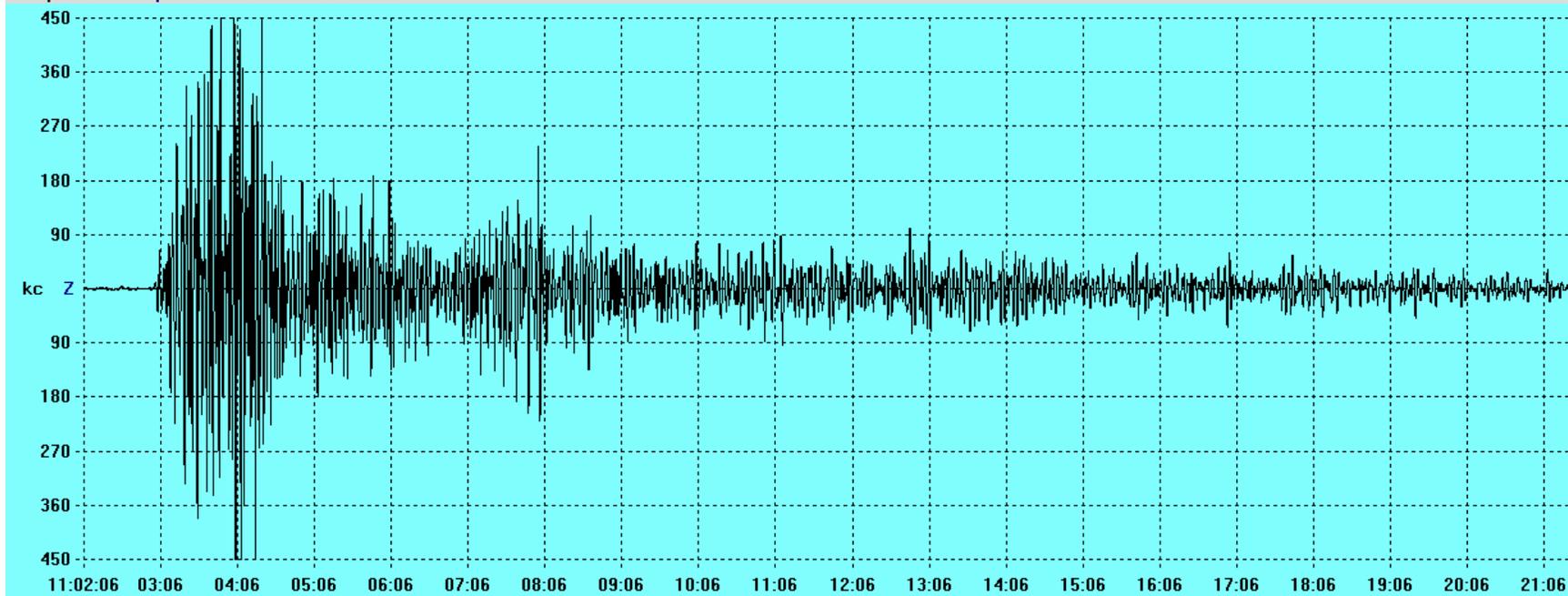


PDE-Q 2012 04 11 104310.85 0.80 92.46 25 8.2 MwUCMT

Detalhes do sismograma acima:

Start: 4/11/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 671227/-617130 X: 19:20.0 Y: 450kc



PDE-Q 2012 04 11 104310.85 0.80 92.46 25 8.2 MwUCMT

Registro correspondente de SANT2 (filtrado usando-se um filtro band-pass entre 0.1 e 2 Hz):

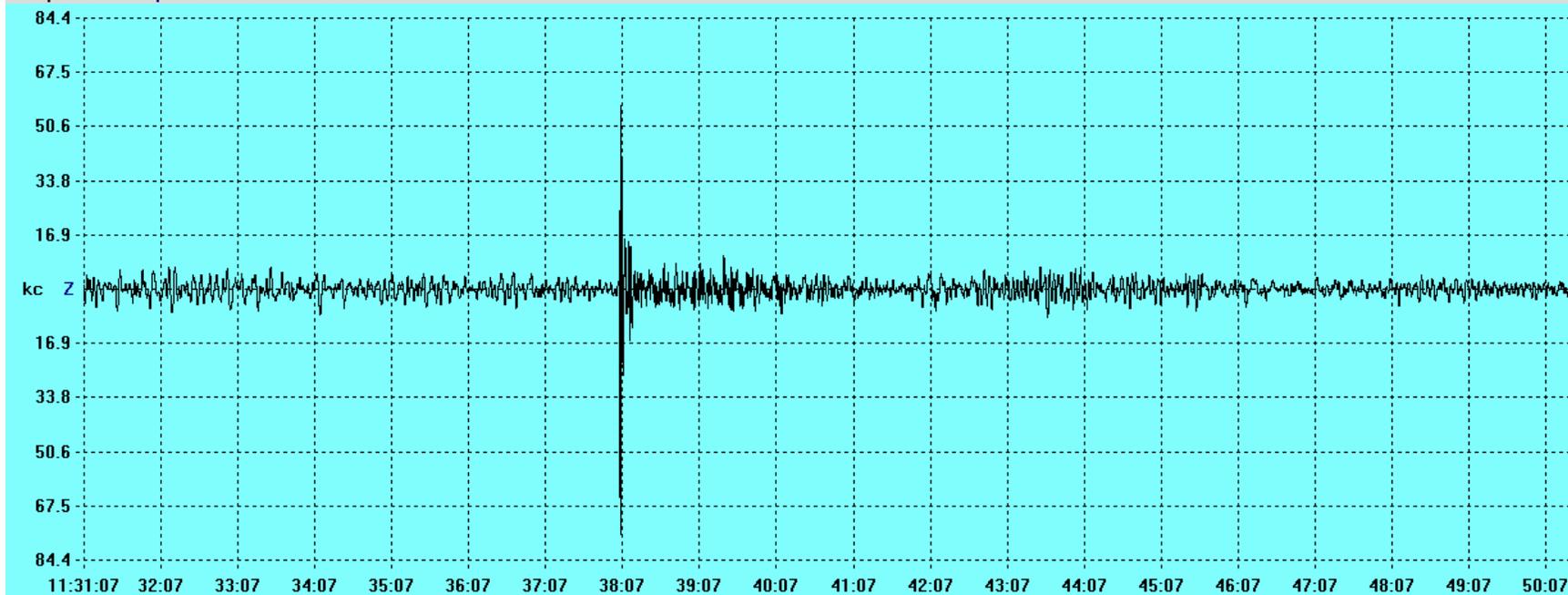


PDE-Q 2012 04 11 104310.85 0.80 92.46 25 8.2 MwUCMT

Detalhes do sismograma de SAML mostrado acima:

Start: 4/11/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 671227/-617130 X: 19:20.0 Y: 84.375kc

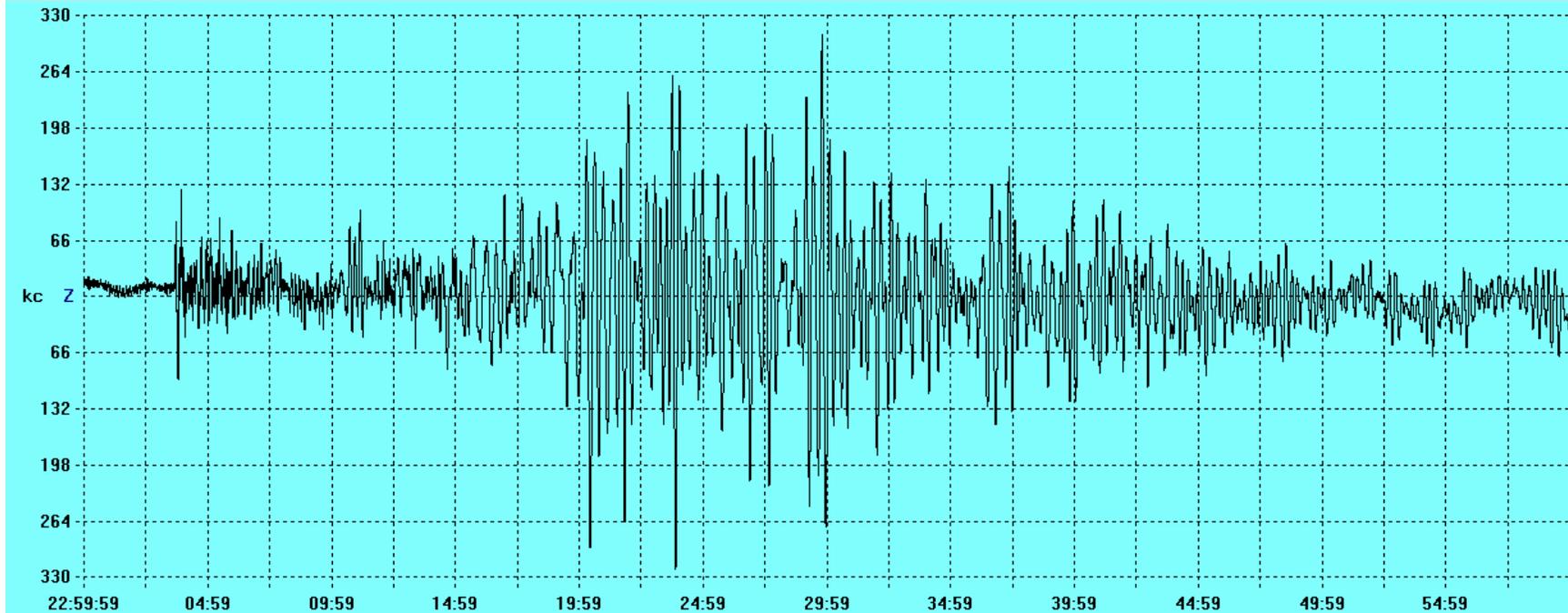


PDE-Q 2012 04 11 104310.85 0.80 92.46 25 8.2 MwUCMT

O sismograma a seguir não foi filtrado:

Start: 4/11/12 22:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 306220/-320125 X: 1:00:00 Y: 330kc



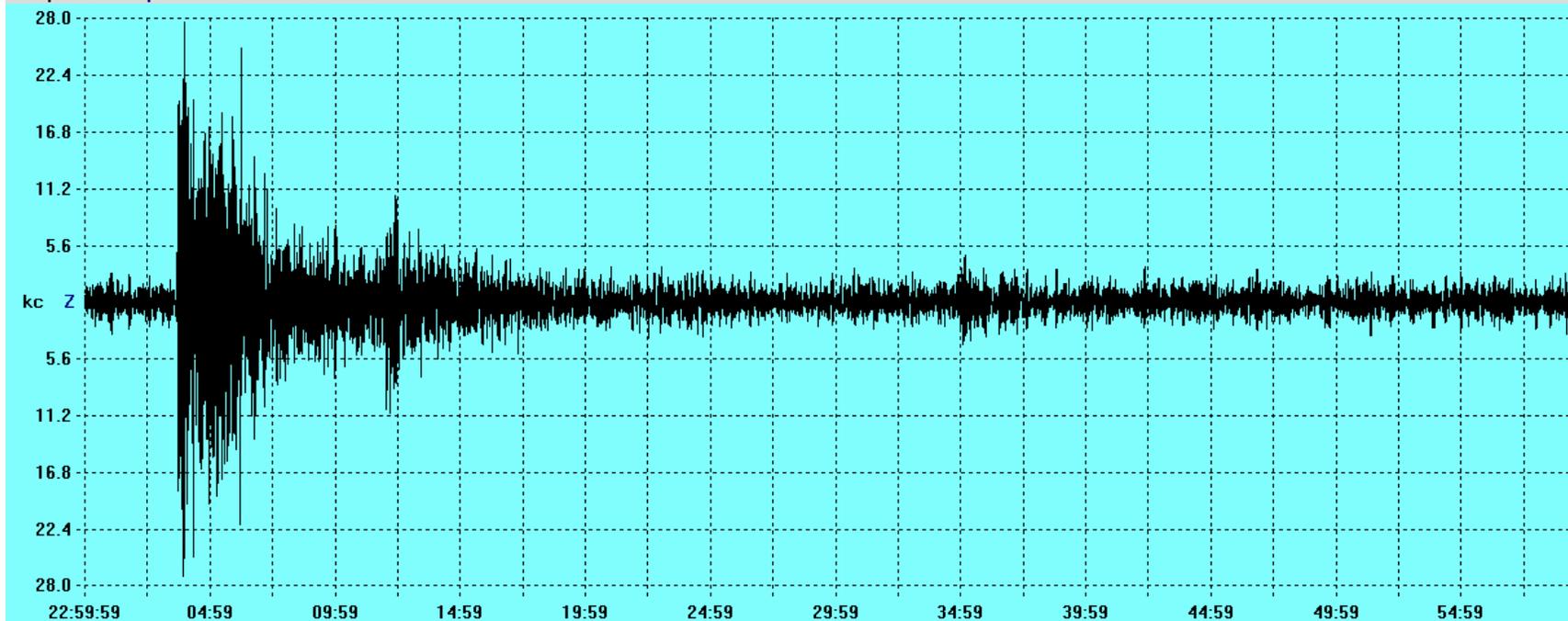
PDE-Q 2012 04 11 224146.04 43.58 -127.64 8 6.0 MwGCMT

PDE-Q 2012 04 11 225510.17 18.22 -102.68 20 6.5 MwGS

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/11/12 22:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 27612/-27063 X: 1:00:00 Y: 28kc



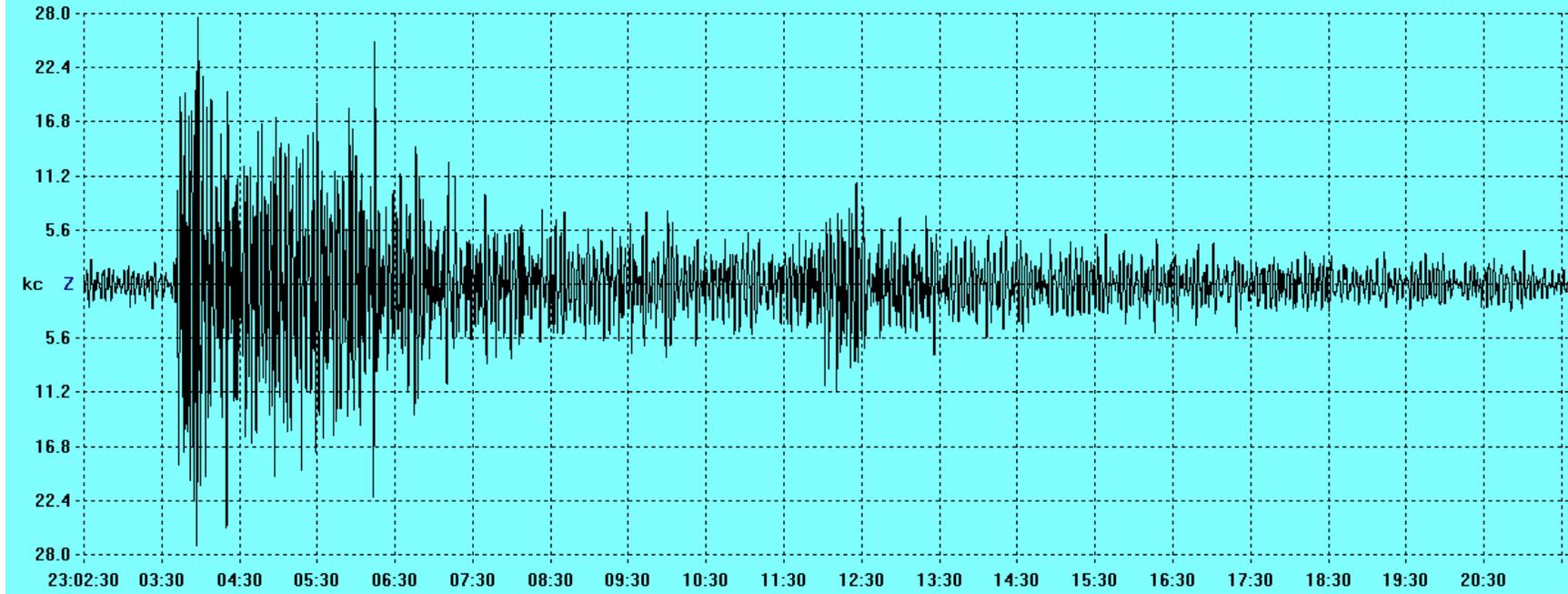
PDE-Q 2012 04 11 224146.04 43.58 -127.64 8 6.0 MwGCMT

PDE-Q 2012 04 11 225510.17 18.22 -102.68 20 6.5 MwGS

Detalhes do sismograma acima:

Start: 4/11/12 22:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 27612/-27063 X: 19:06.0 Y: 28kc



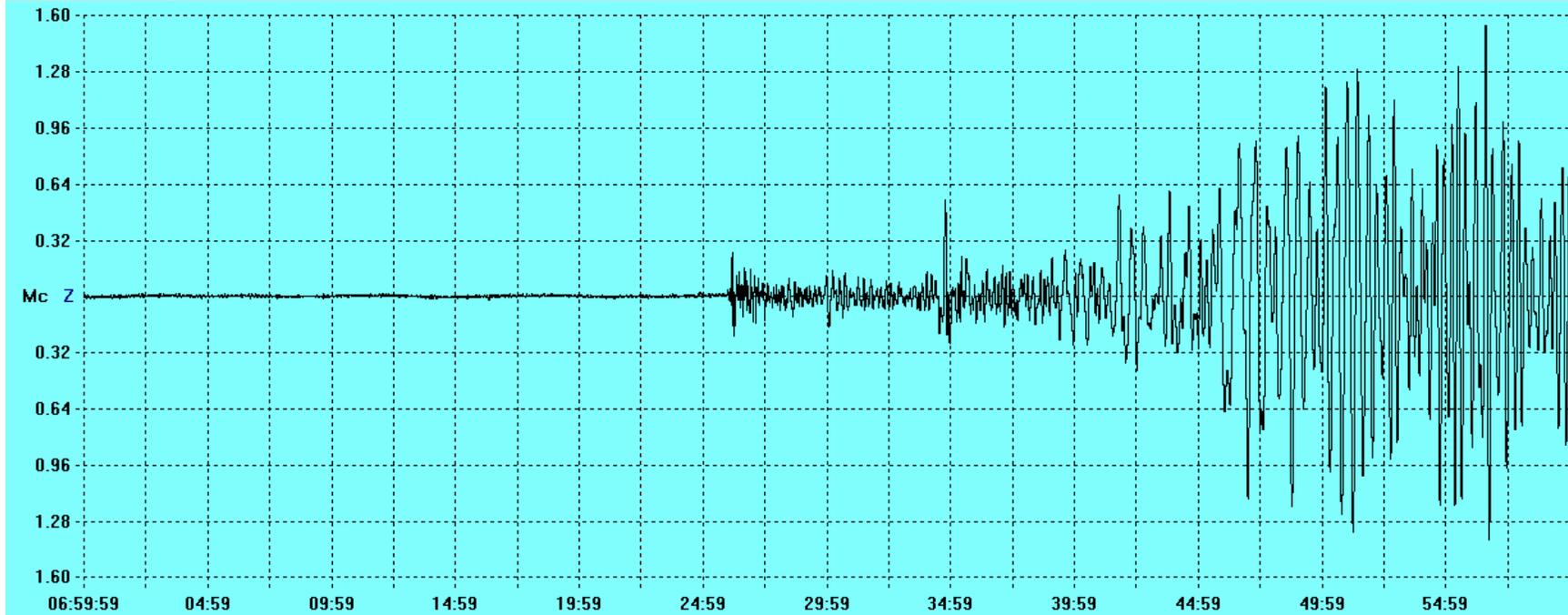
PDE-Q 2012 04 11 224146.04 43.58 -127.64 8 6.0 MwGCMT

PDE-Q 2012 04 11 225510.17 18.22 -102.68 20 6.5 MwGS

O sismograma a seguir não foi filtrado:

Start: 4/12/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 1540312/-1387131 X: 1:00:00 Y: 1.6Mc



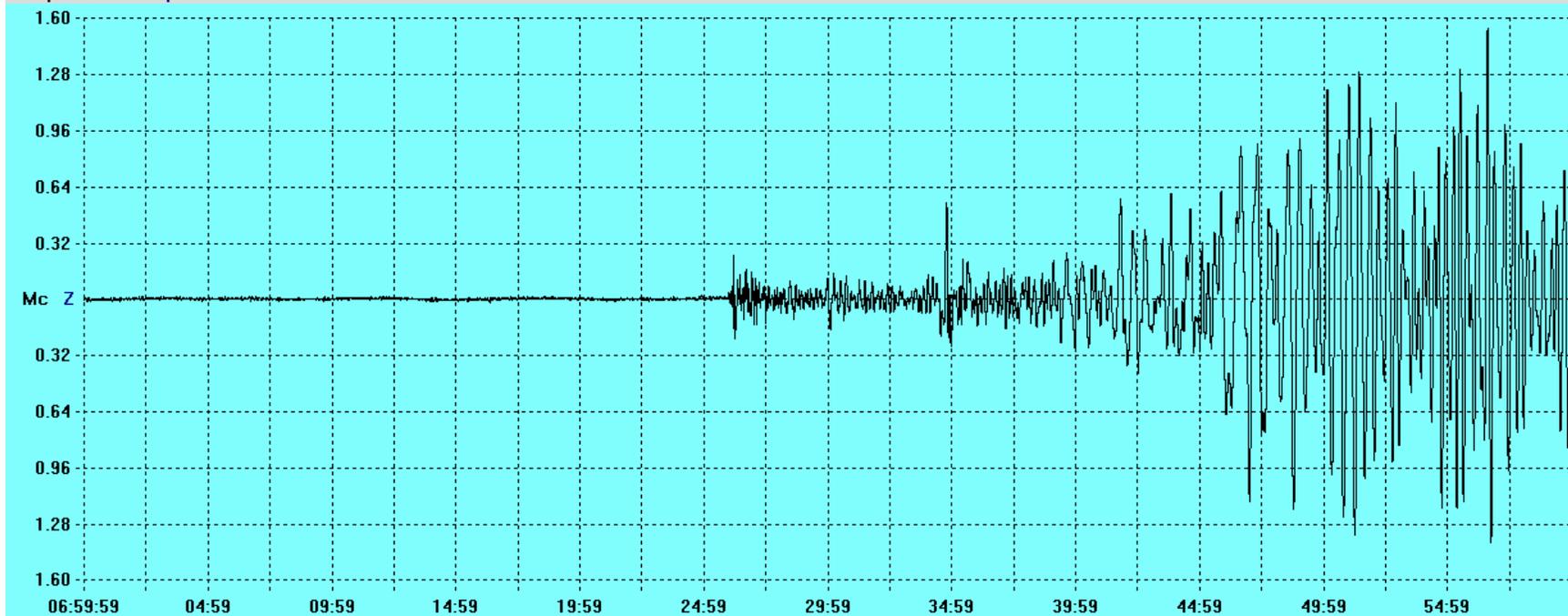
PDE-Q 2012 04 12 070601.48 28.85 -113.03 9 6.0 MwGS

PDE-Q 2012 04 12 071548.62 28.62 -113.12 13 7.0 MwWCMT

Versão filtrada (low-pass de 1 Hz.) do sismograma acima:

Start: 4/12/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 1540330/-1386968 X: 1:00:00 Y: 1.6Mc



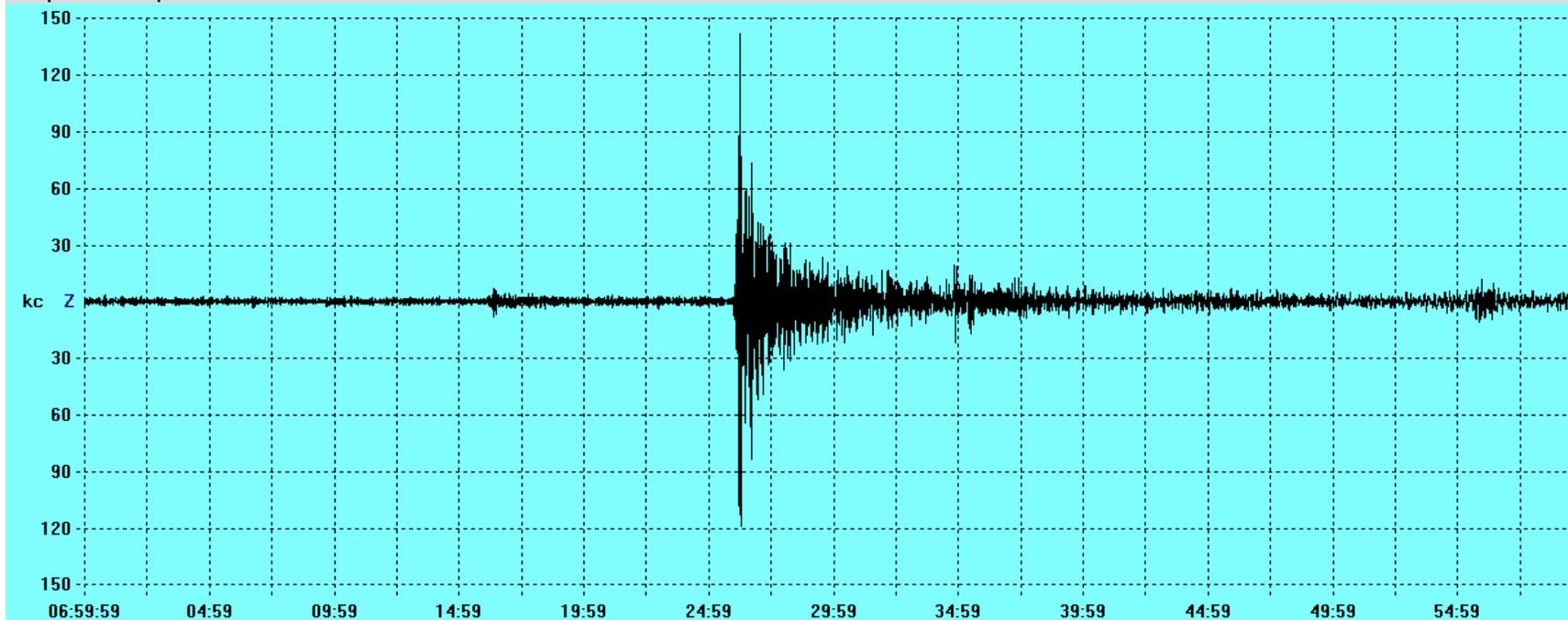
PDE-Q 2012 04 12 070601.48 28.85 -113.03 9 6.0 MwGS

PDE-Q 2012 04 12 071548.62 28.62 -113.12 13 7.0 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/12/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 141334/-118652 X: 1:00:00 Y: 150kc



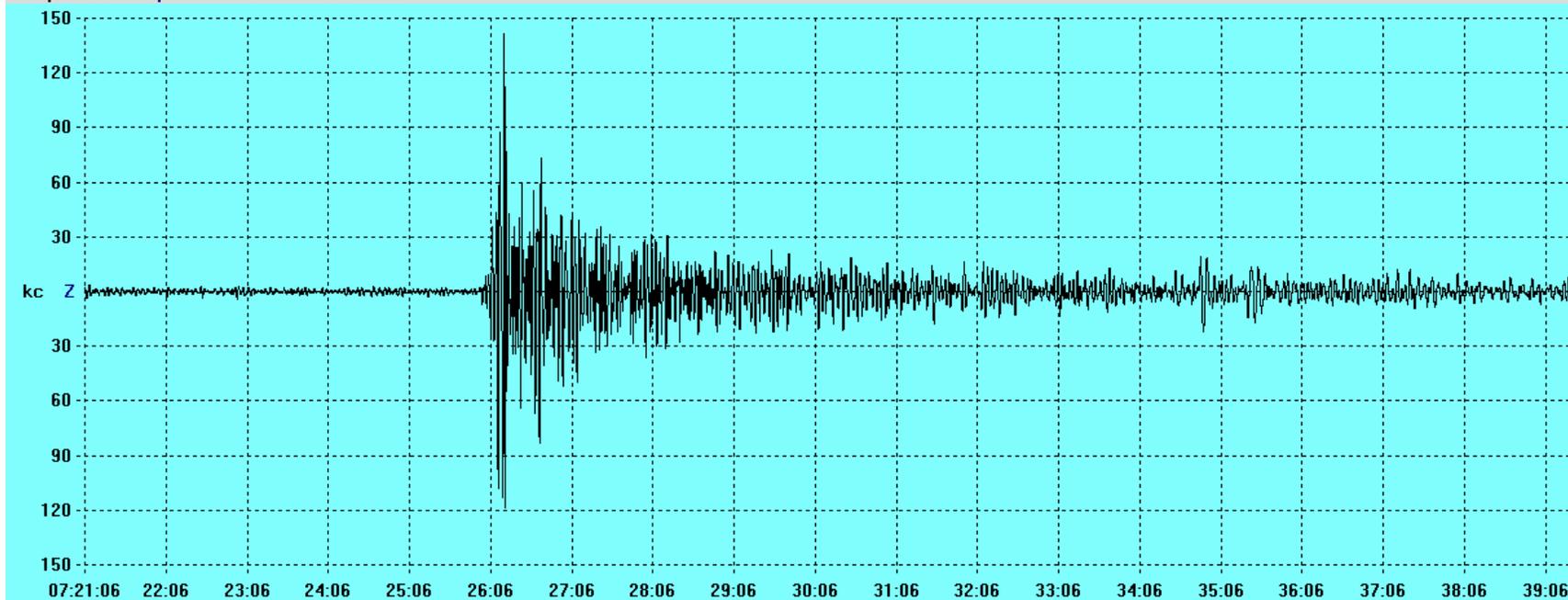
PDE-Q 2012 04 12 070601.48 28.85 -113.03 9 6.0 MwGS

PDE-Q 2012 04 12 071548.62 28.62 -113.12 13 7.0 MwWCMT

Detalhes do sismograma acima:

Start: 4/12/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 141334/-118652 X: 18:30.0 Y: 150kc



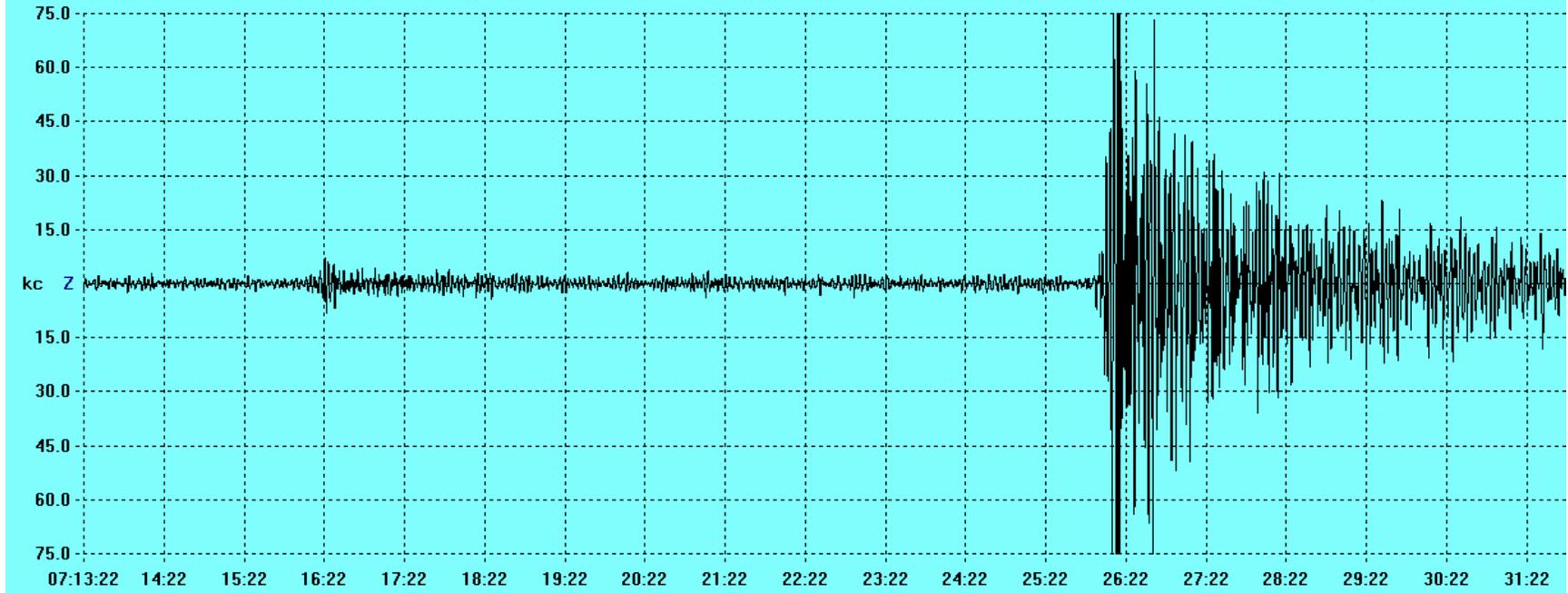
PDE-Q 2012 04 12 070601.48 28.85 -113.03 9 6.0 MwGS

PDE-Q 2012 04 12 071548.62 28.62 -113.12 13 7.0 MwWCMT

Detalhes do evento acima:

Start: 4/12/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 141334/-118652 X: 18:30.0 Y: 75kc



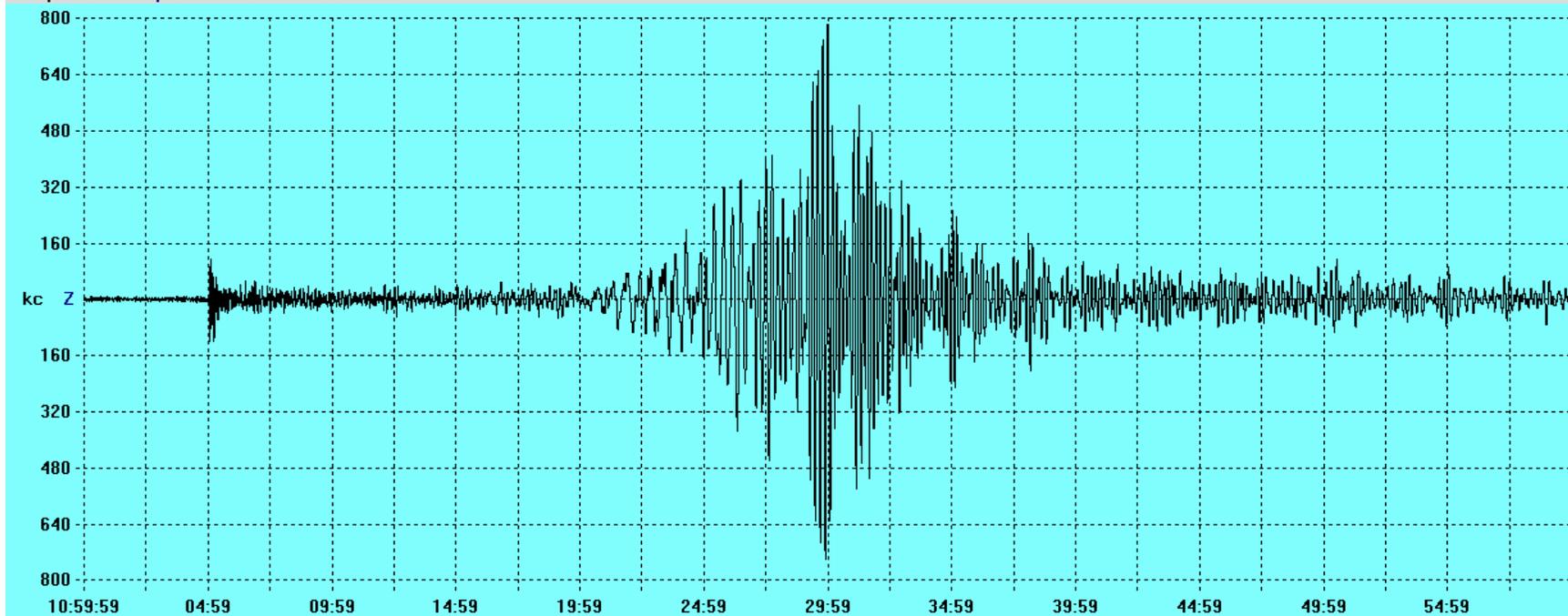
PDE-Q 2012 04 12 070601.48 28.85 -113.03 9 6.0 MwGS

PDE-Q 2012 04 12 071548.62 28.62 -113.12 13 7.0 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/14/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 781549/-740988 X: 1:00:00 Y: 800kc

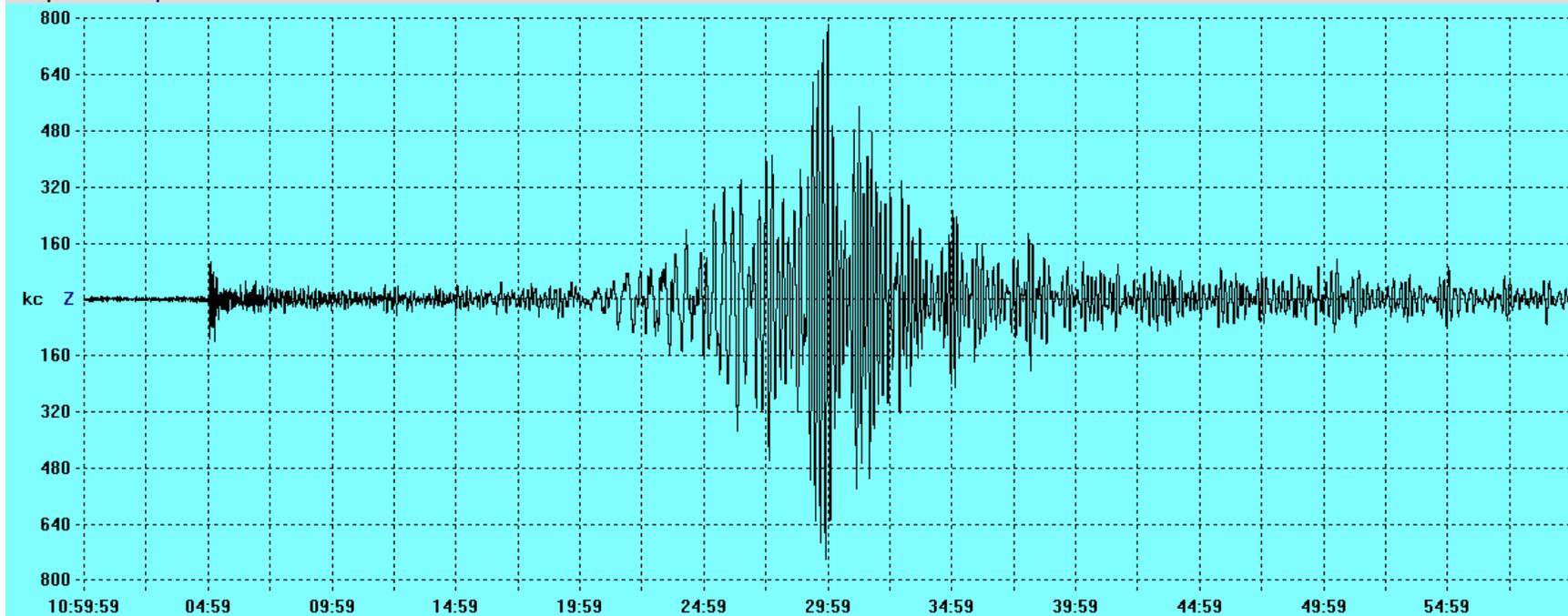


PDE-Q 2012 04 14 105619.48 -57.68 -65.29 15 6.2 MwWCMT

Versão filtrada (low-pass abaixo de 1 Hz.) do sismograma acima:

Start: 4/14/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 781556/-740968 X: 1:00:00 Y: 800kc

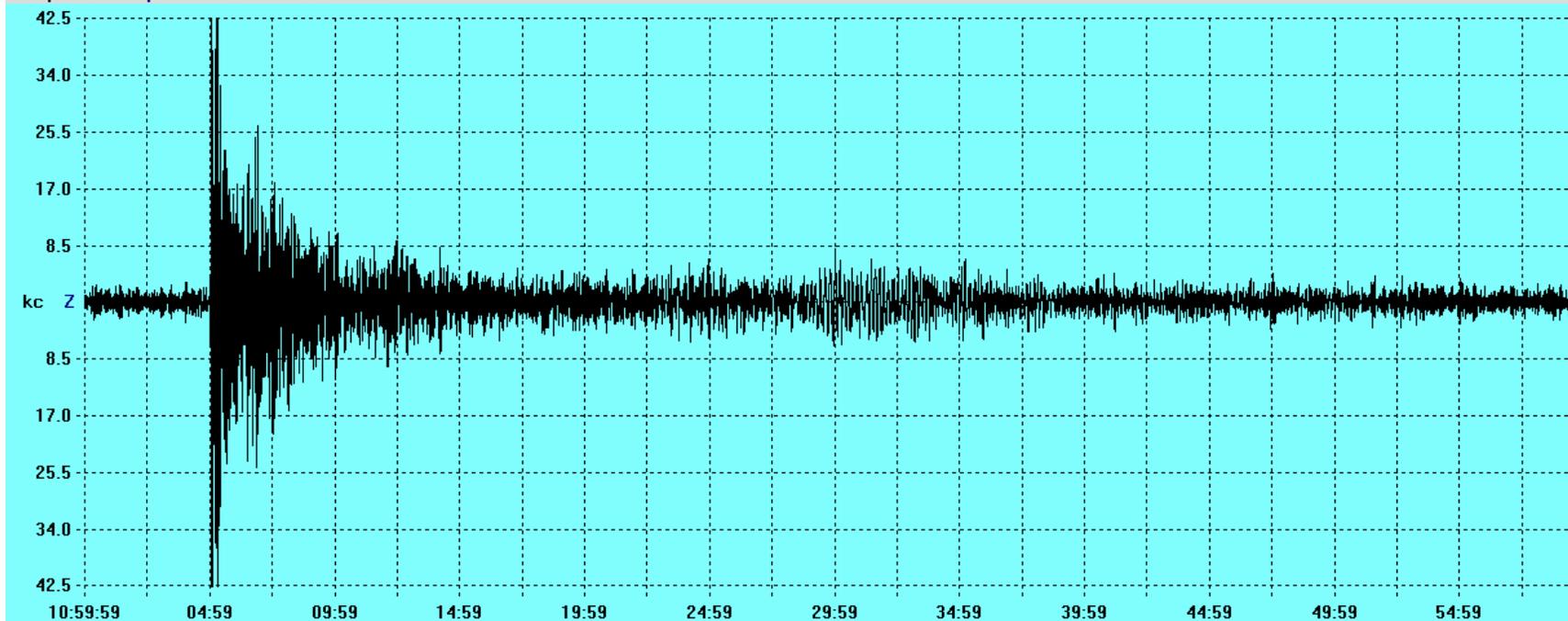


PDE-Q 2012 04 14 105619.48 -57.68 -65.29 15 6.2 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/14/12 10:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 76437/-80303 X: 1:00:00 Y: 42.5kc

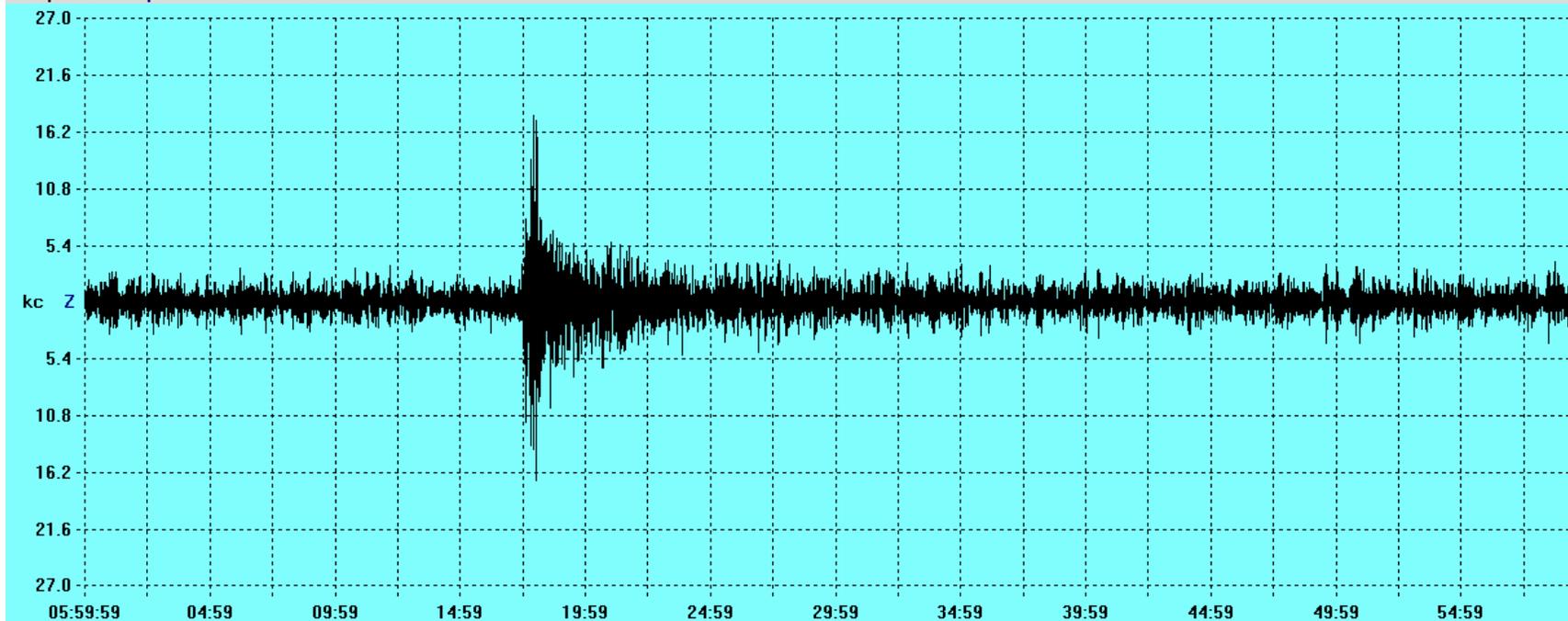


PDE-Q 2012 04 14 105619.48 -57.68 -65.29 15 6.2 MwWCMT

O sismograma a seguir foi filtrado usando-se o filtro band-pass entre 0.3 e 1.0 Hz.:

Start: 4/15/12 5:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 17717/-16946 X: 1:00:00 Y: 27kc

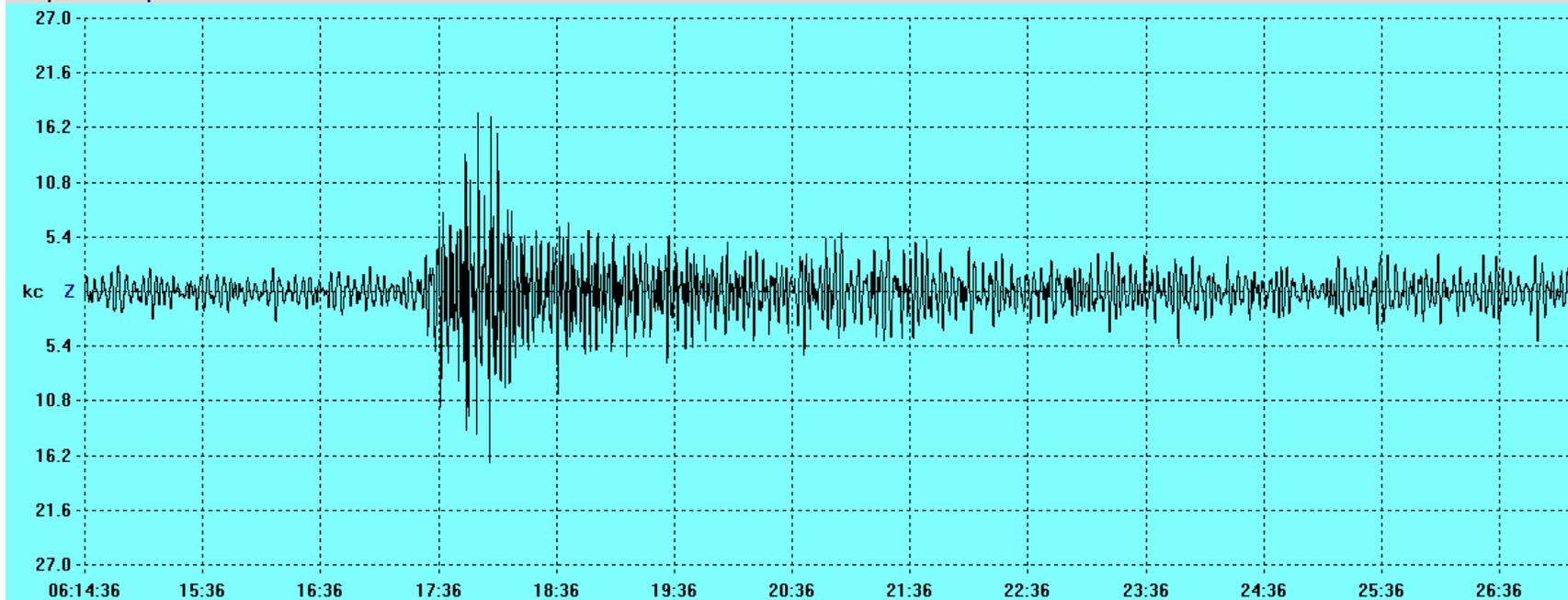


PDE-Q 2012 04 15 055740.06 2.58 90.27 25 6.2 MwWCMT

Detalhes do sismograma acima:

Start: 4/15/12 5:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 17717/-16946 X: 12:44.0 Y: 27kc

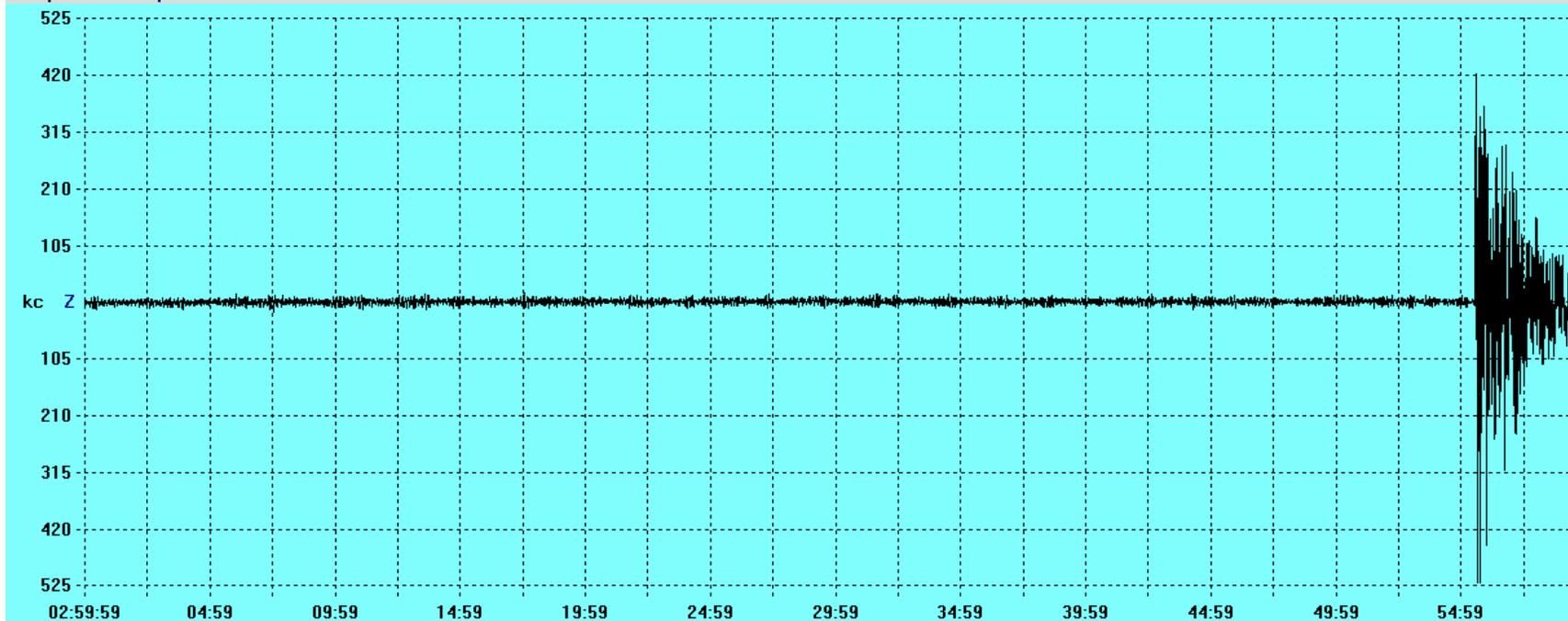


PDE-Q 2012 04 15 055740.06 2.58 90.27 25 6.2 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/17/12 2:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 421924/-520197 X: 1:00:00 Y: 525kc

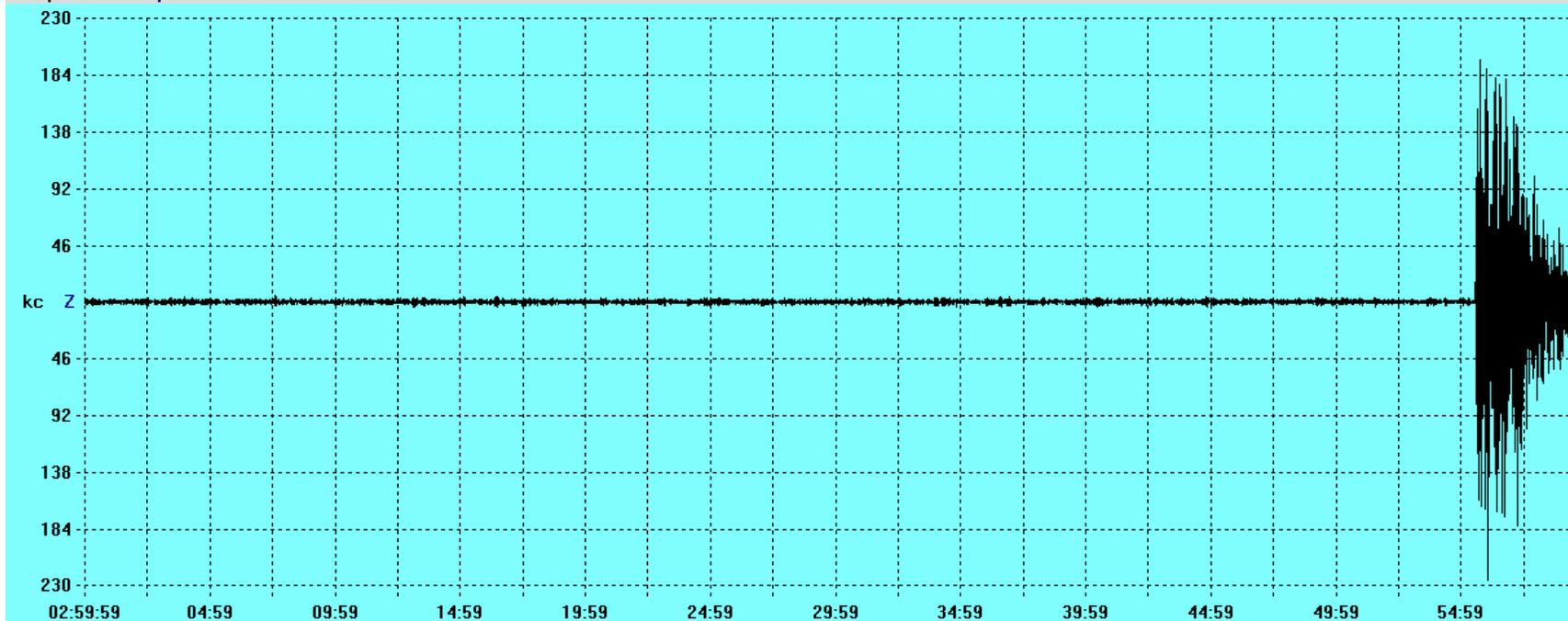


PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/17/12 2:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 196019/-225205 X: 1:00:00 Y: 230kc

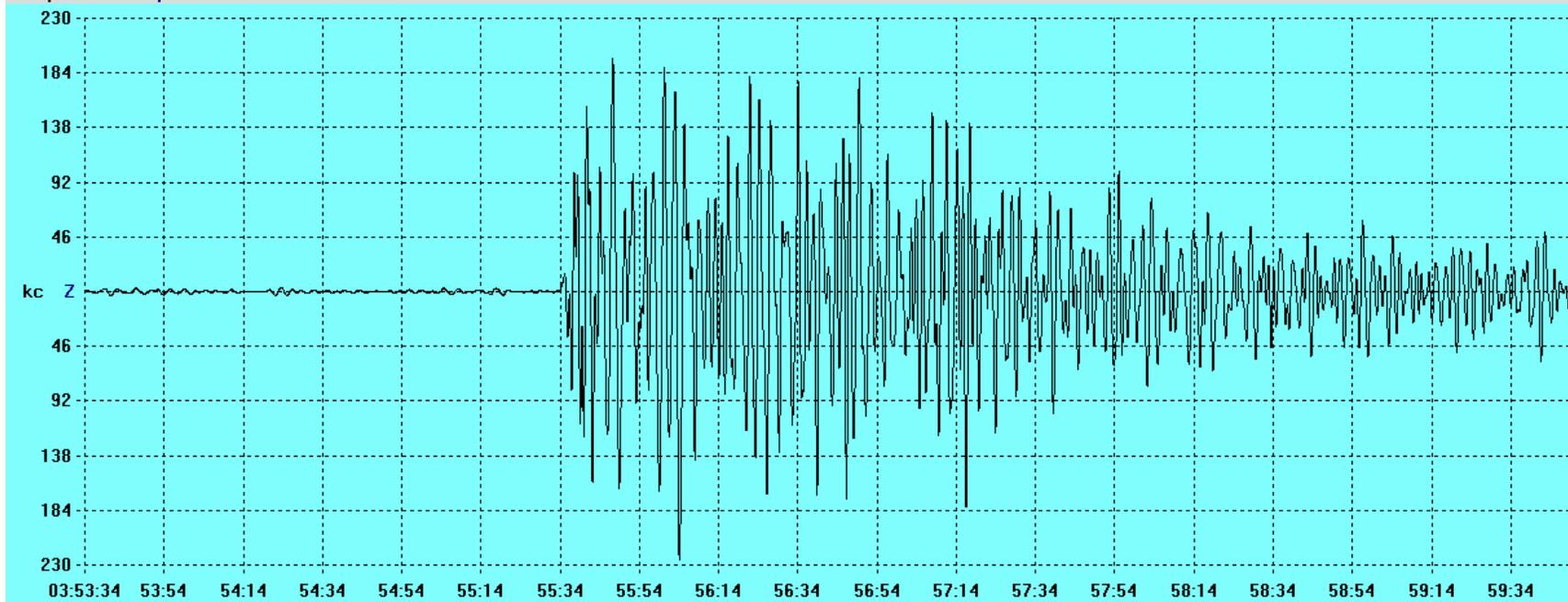


PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

Detalhes do sismograma acima:

Start: 4/17/12 2:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 196019/-225205 X: 6:19.0 Y: 230kc

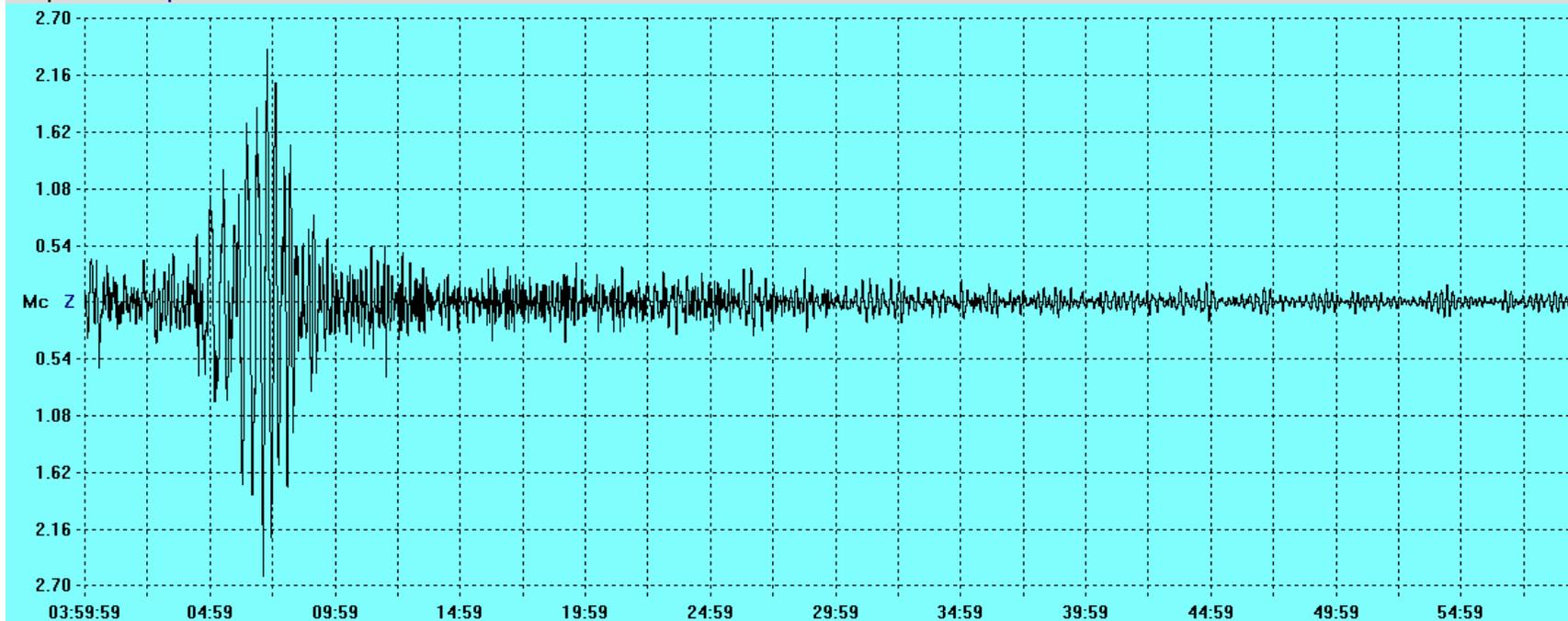


PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

Hora consecutiva à do sismograma acima (sismograma não filtrado):

Start: 4/17/12 3:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 2392894/-2607193 X: 1:00:00 Y: 2.7Mc

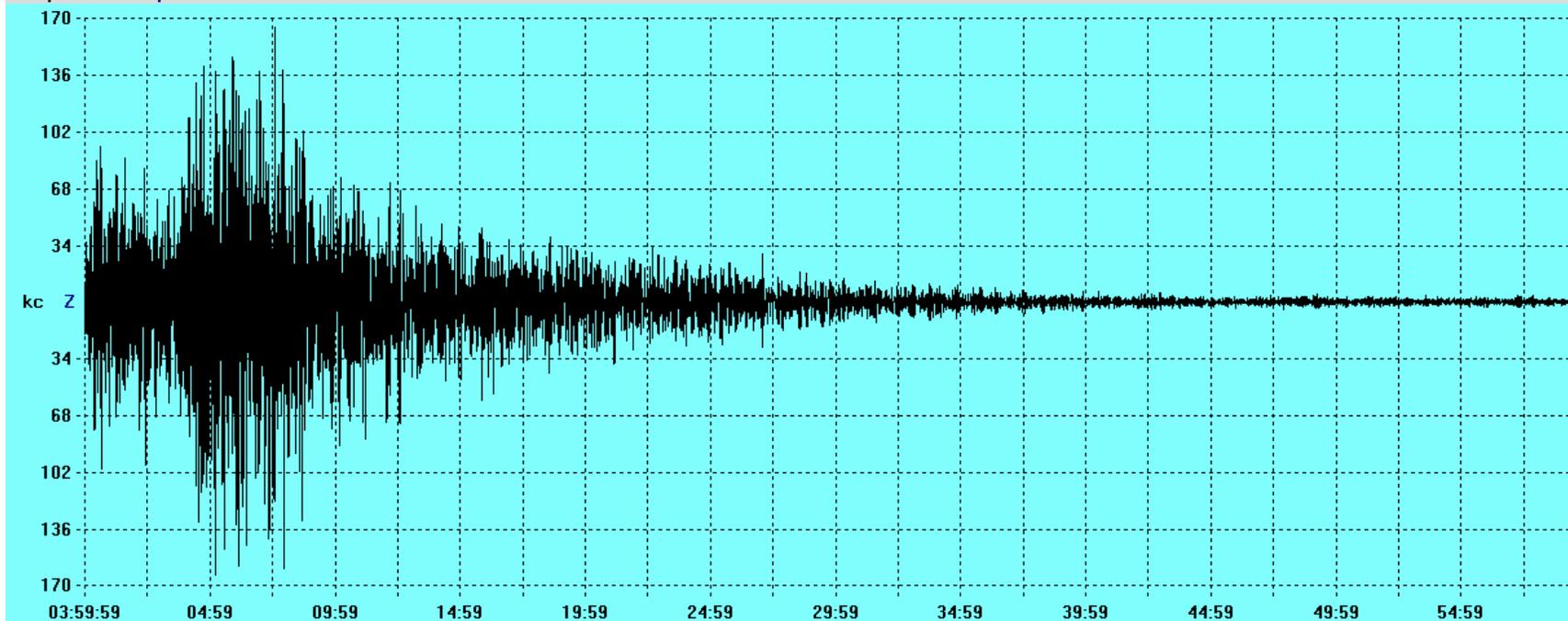


PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/17/12 3:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 163989/-163340 X: 1:00:00 Y: 170kc



PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

O sismograma a seguir não foi filtrado.
Registro de SANT2:

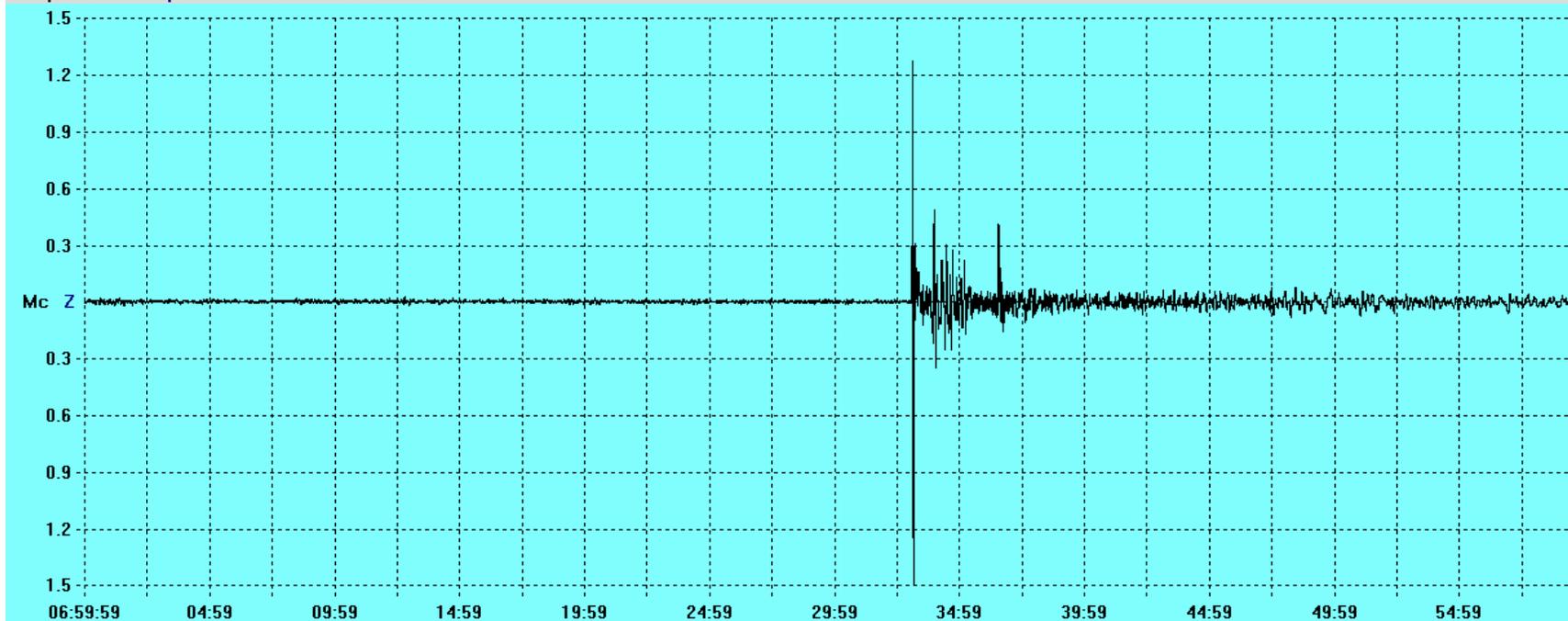


PDE-Q 2012 04 17 035016.64 -32.70 -71.48 37 6.7 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/17/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 1273780/-1499630 X: 1:00:00 Y: 1.5Mc

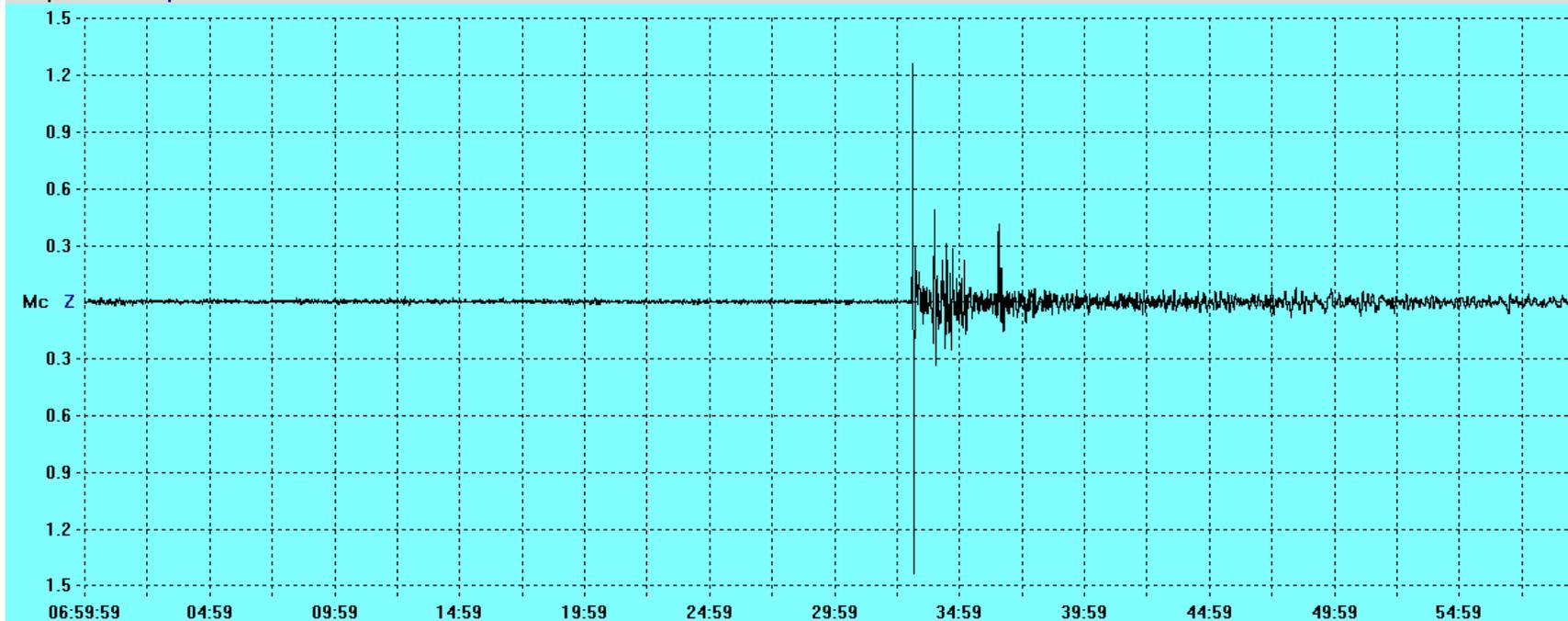


PDE-Q 2012 04 17 071349 -5.46 147.12 198 6.8 MwWCMT

Versão filtrada (low-pass abaixo de 1 Hz.) do sismograma acima:

Start: 4/17/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 1257140/-1435124 X: 1:00:00 Y: 1.5Mc

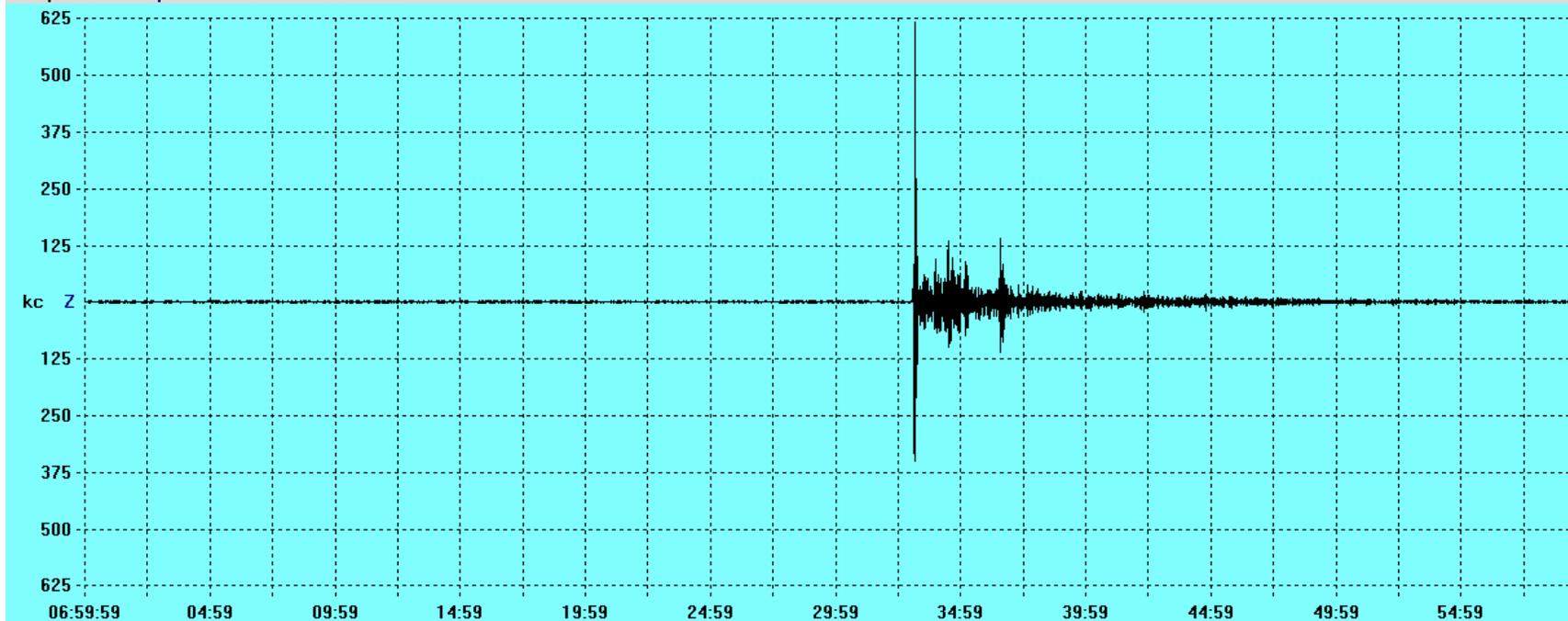


PDE-Q 2012 04 17 071349 -5.46 147.12 198 6.8 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/17/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 615477/-350751 X: 1:00:00 Y: 625kc

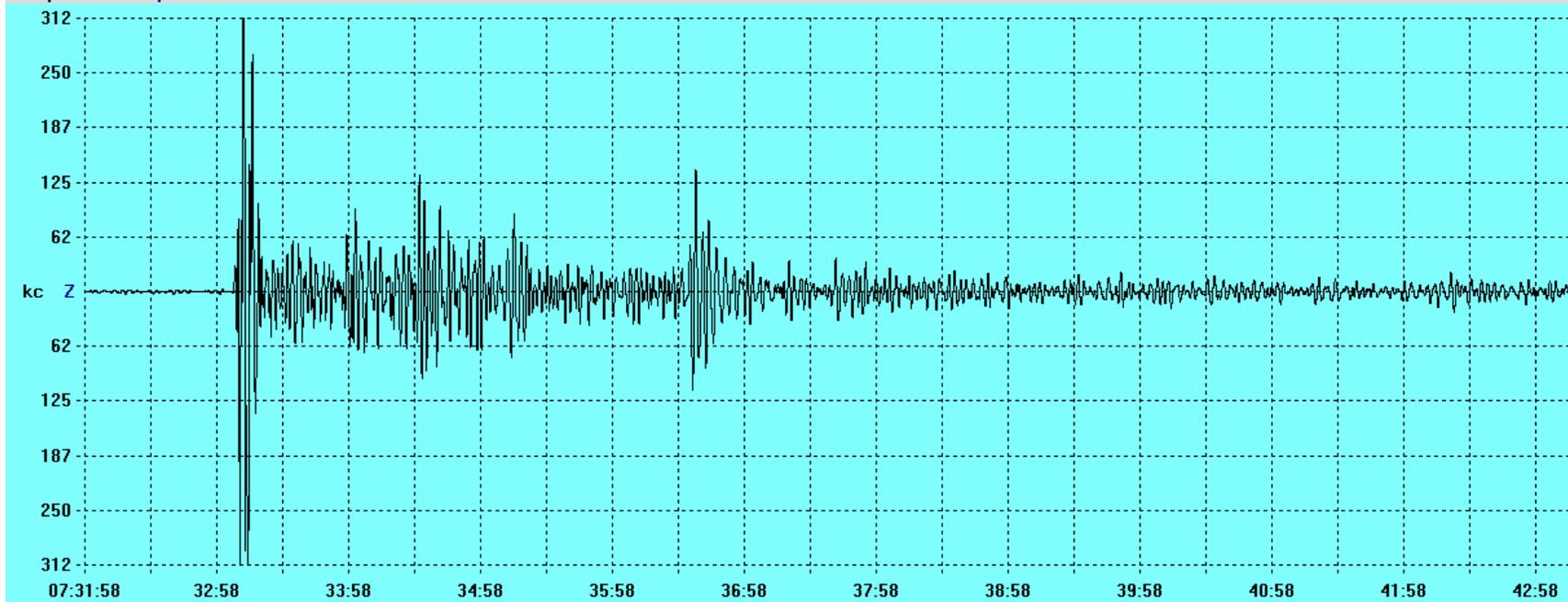


PDE-Q 2012 04 17 071349 -5.46 147.12 198 6.8 MwWCMT

Detalhes do sismograma acima:

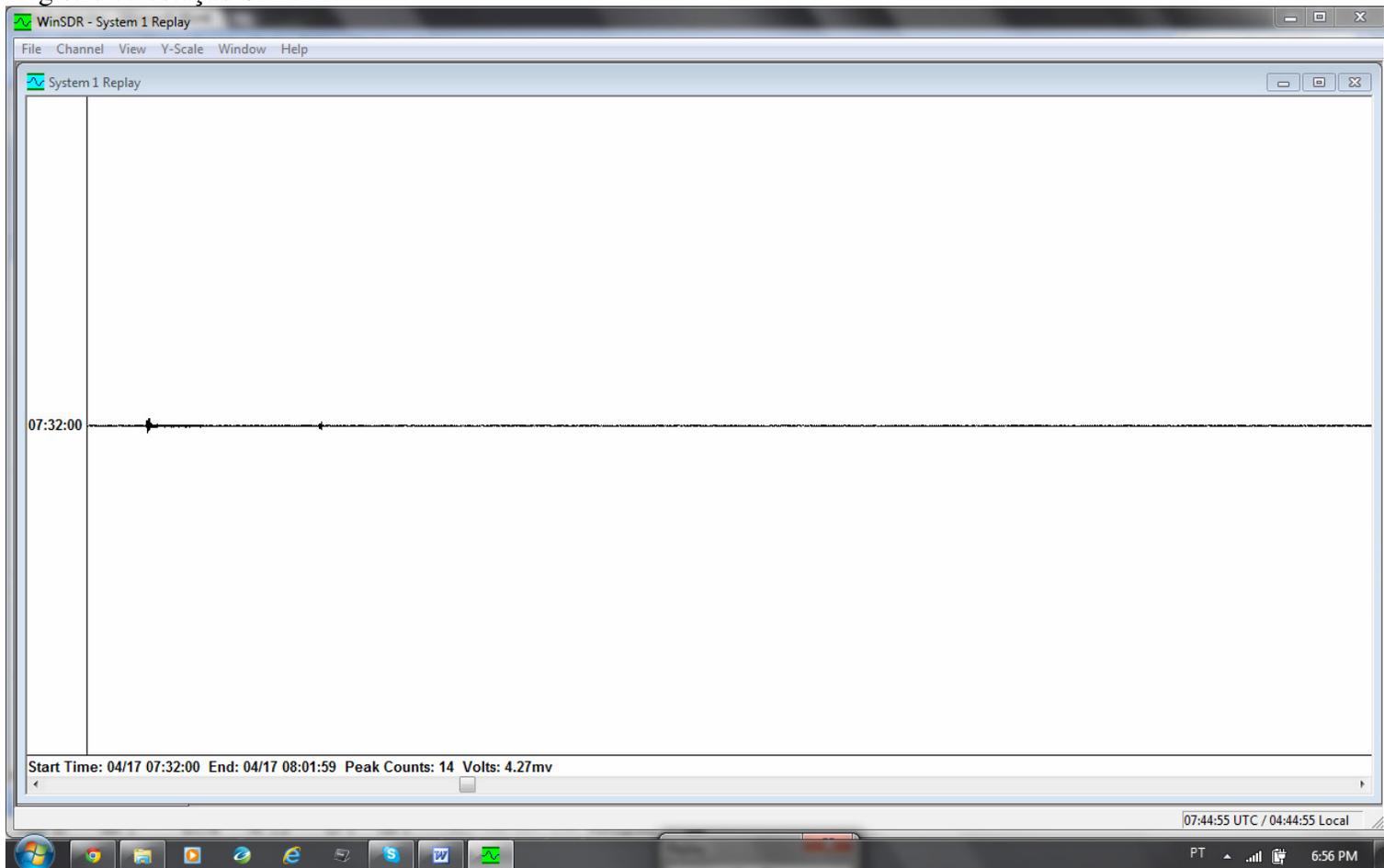
Start: 4/17/12 6:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 615477/-350751 X: 11:23.0 Y: 312.5kc



PDE-Q 2012 04 17 071349 -5.46 147.12 198 6.8 MwWCMT

O sismograma a seguir não foi filtrada.
Registro da estação SANT2:

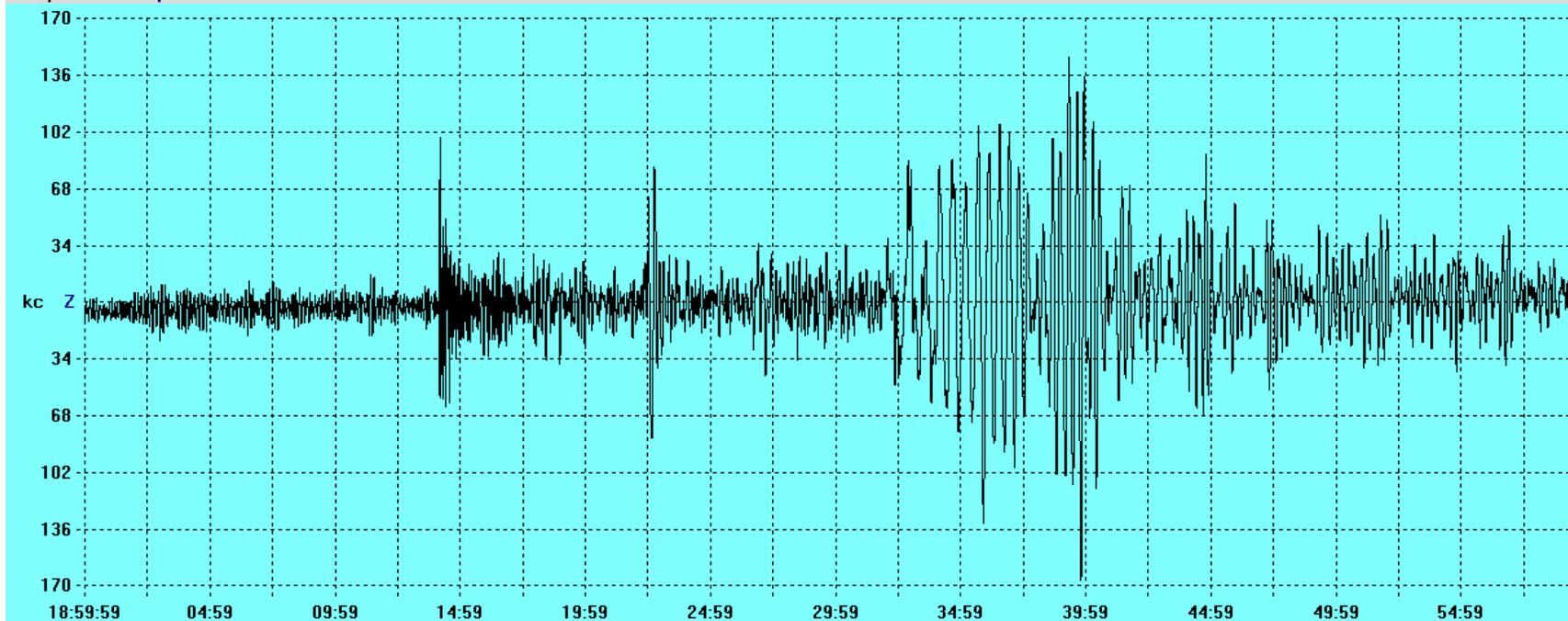


PDE-Q 2012 04 17 071349 -5.46 147.12 198 6.8 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/17/12 18:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

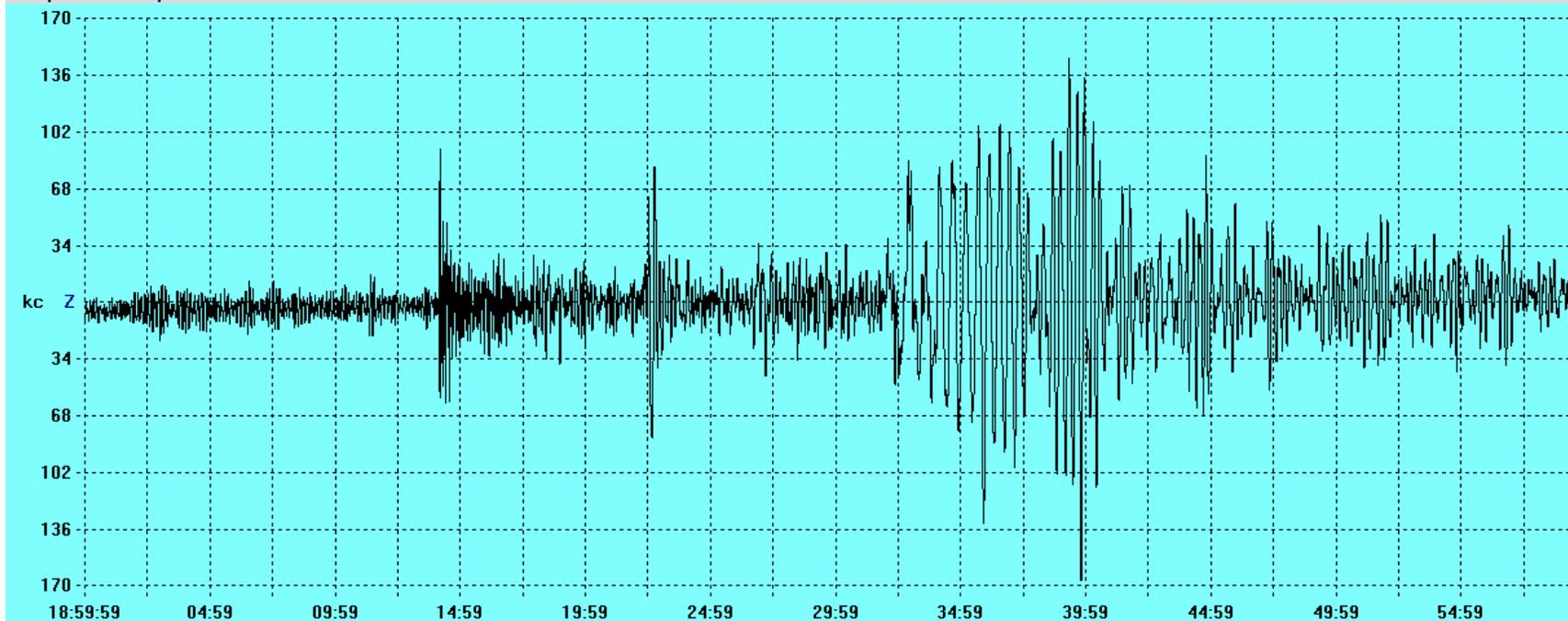
Max/Min: 146062/-166892 X: 1:00:00 Y: 170kc



PDE-Q 2012 04 17 190356.46 -59.01 -16.66 11 6.2 MwWCMT

Versão filtrada (low-pass abaixo de 1 Hz.) do sismograma acima:

Start: 4/17/12 18:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40
Max/Min: 145838/-166606 X: 1:00:00 Y: 170kc

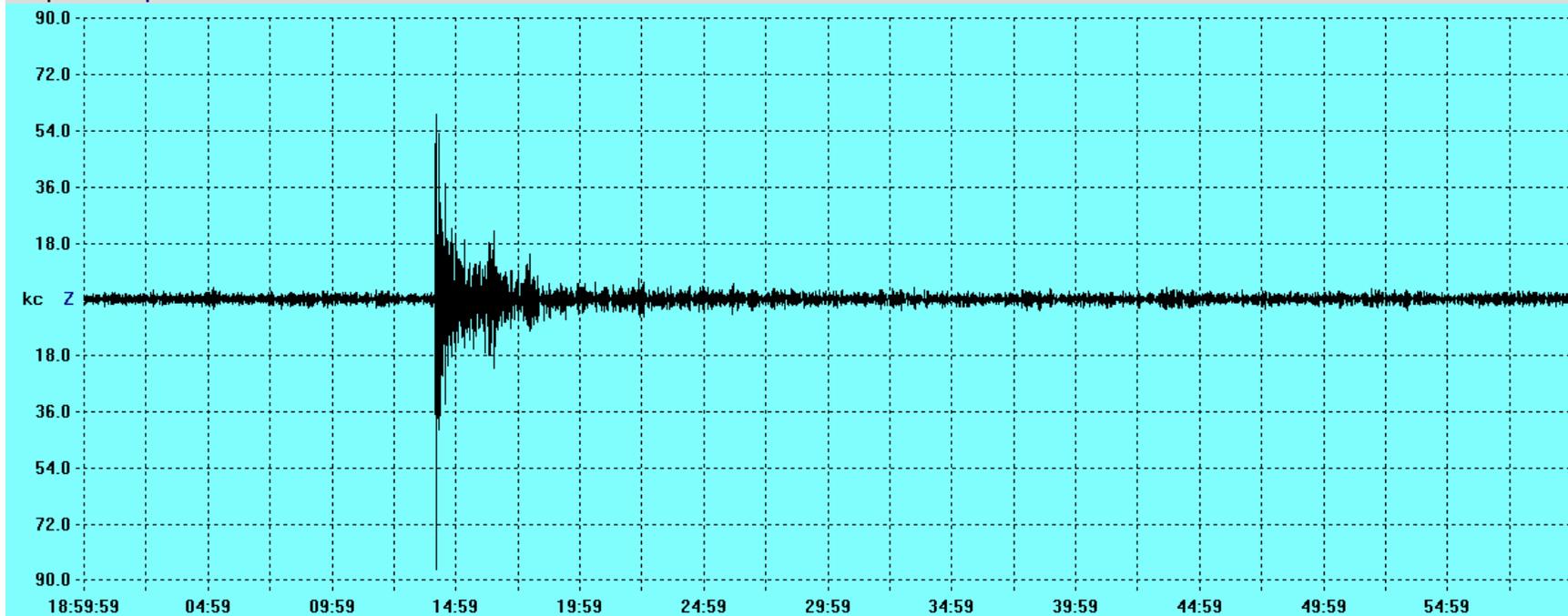


PDE-Q 2012 04 17 190356.46 -59.01 -16.66 11 6.2 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/17/12 18:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 59113/-86461 X: 1:00:00 Y: 90kc

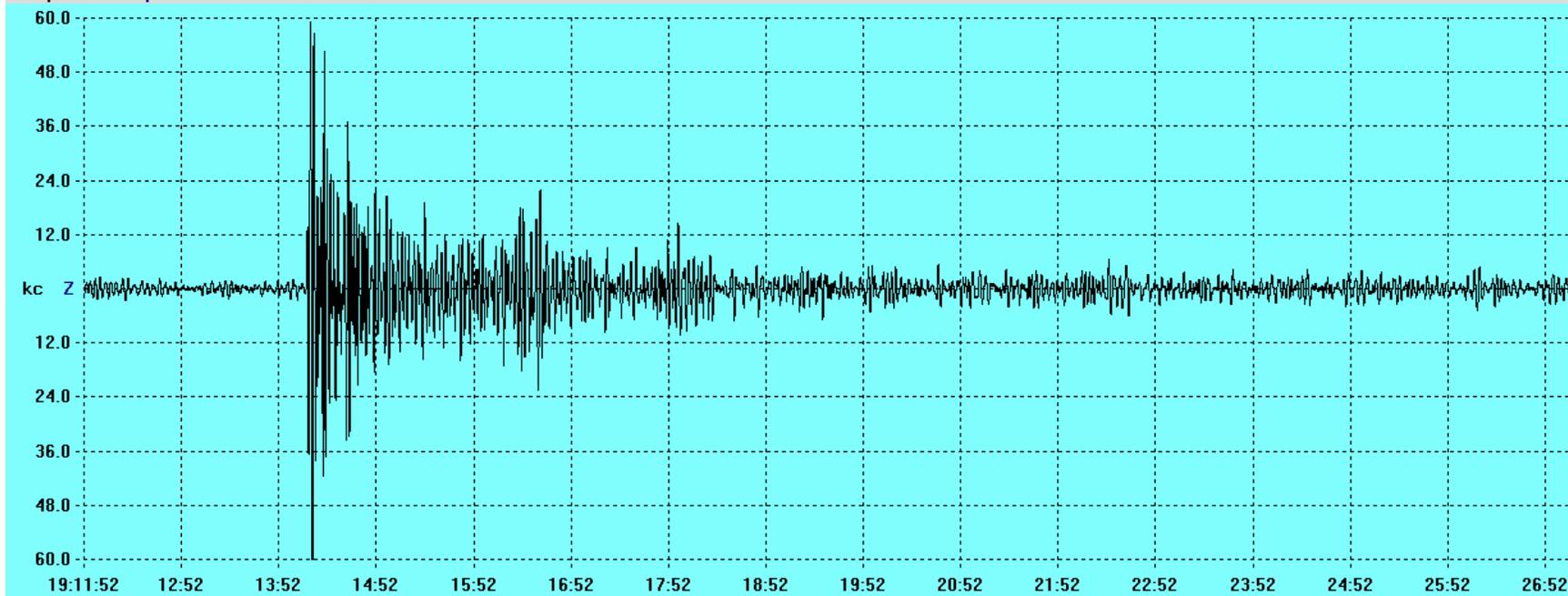


PDE-Q 2012 04 17 190356.46 -59.01 -16.66 11 6.2 MwWCMT

Detalhes do sismograma acima:

Start: 4/17/12 18:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 59113/-86461 X: 15:15.0 Y: 60kc

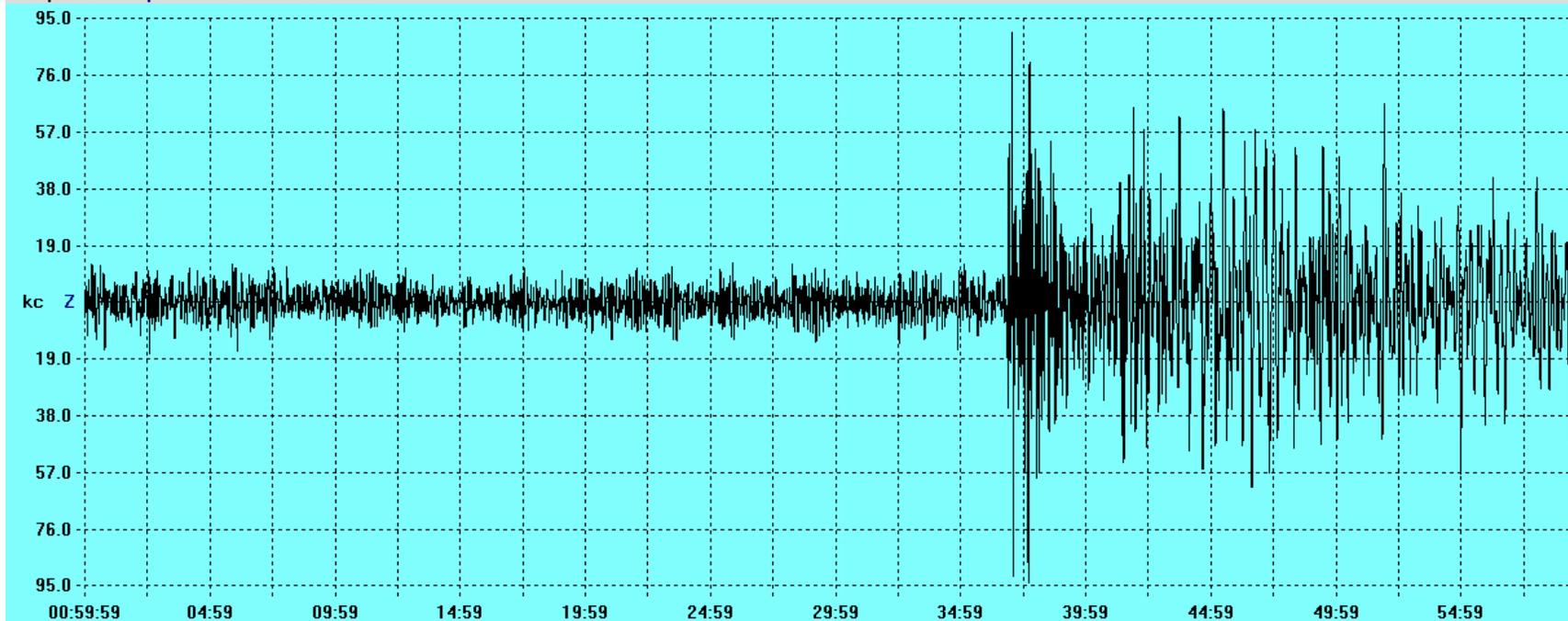


PDE-Q 2012 04 17 190356.46 -59.01 -16.66 11 6.2 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/21/12 0:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 89938/-94099 X: 1:00:00 Y: 95kc

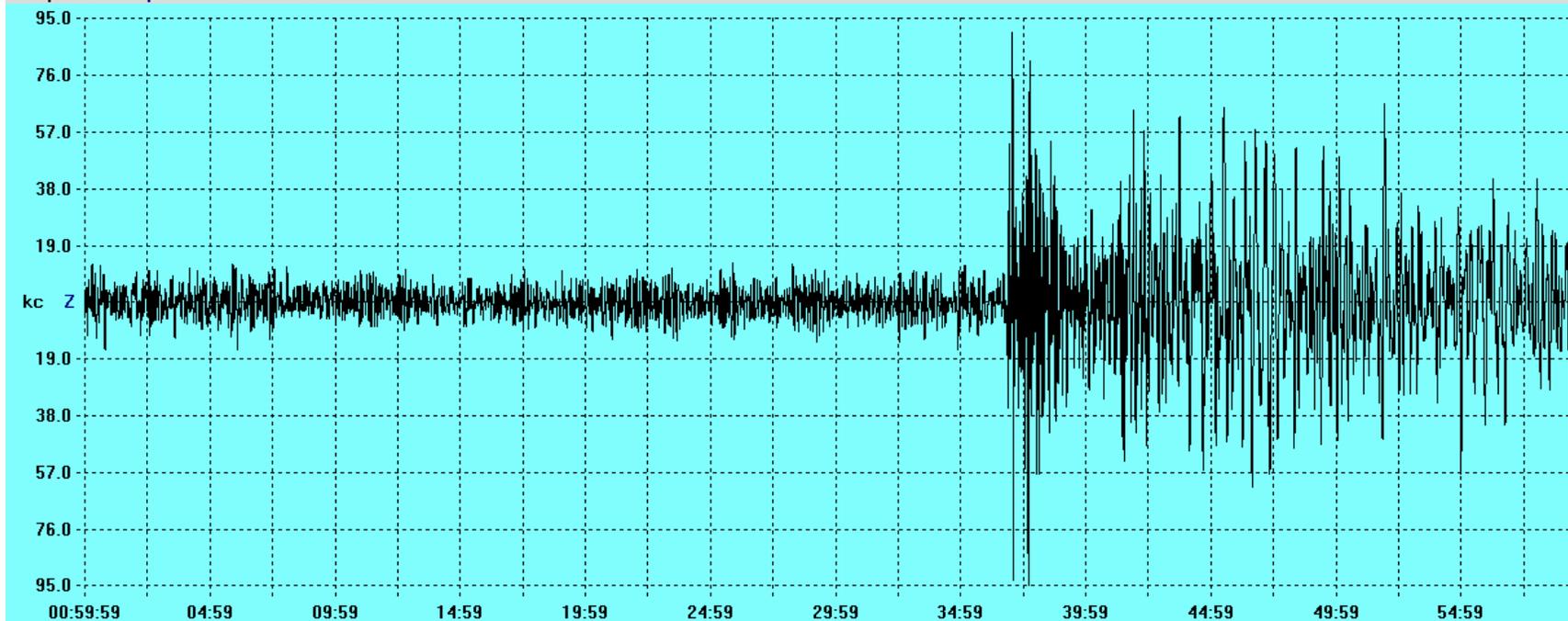


PDE-Q 2012 04 21 011652.83 -1.60 134.28 16 6.7 MwWCMT

Versão filtrada (low-pass abaixo de 1 Hz.) do sismograma acima:

Start: 4/21/12 0:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 89823/-94815 X: 1:00:00 Y: 95kc

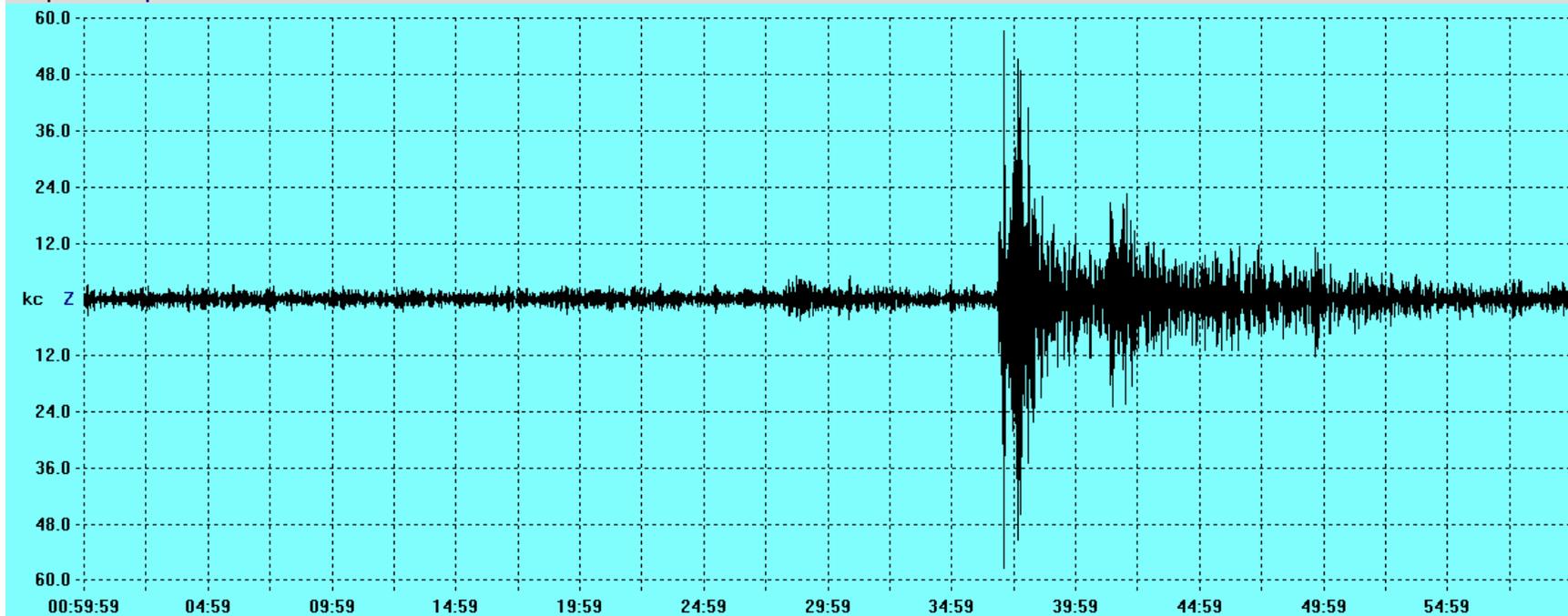


PDE-Q 2012 04 21 011652.83 -1.60 134.28 16 6.7 MwWCMT

Versão filtrada (band-pass entre 0.3 e 1.0 Hz.) do sismograma acima:

Start: 4/21/12 0:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 57167/-57299 X: 1:00:00 Y: 60kc

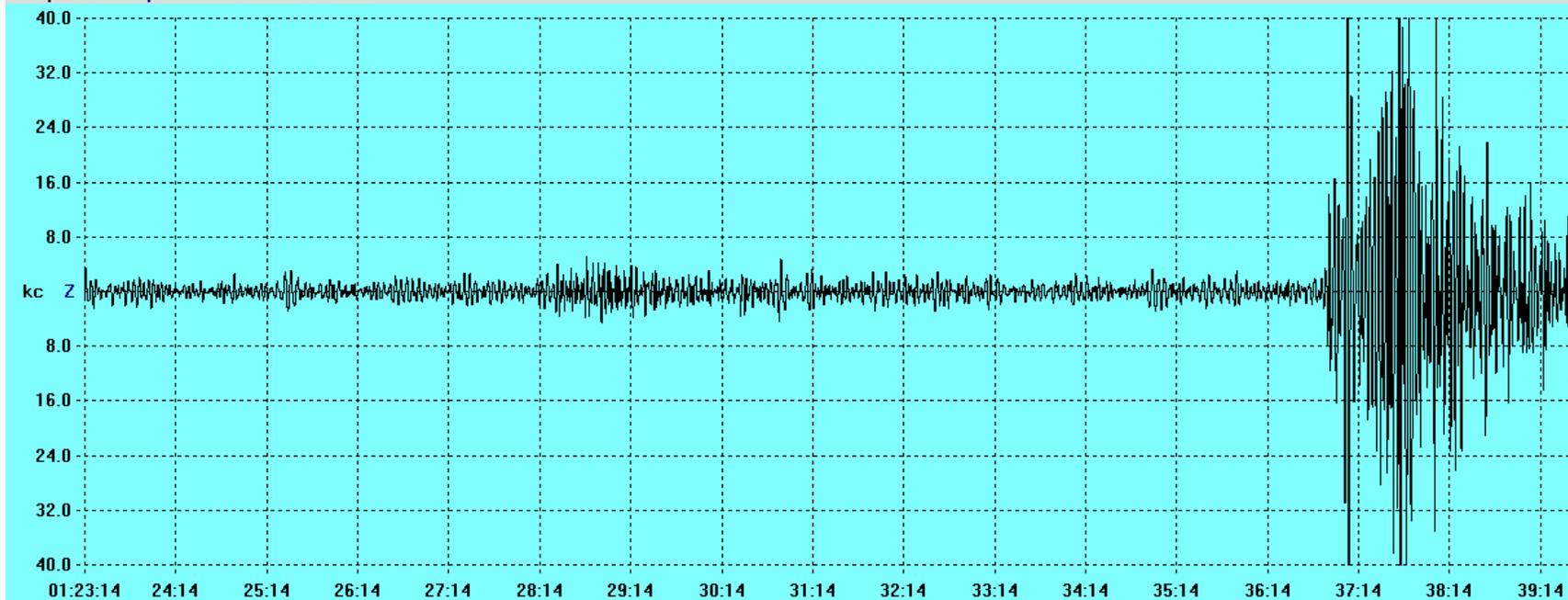


PDE-Q 2012 04 21 011652.83 -1.60 134.28 16 6.7 MwWCMT

Detalhes do sismograma acima:

Start: 4/21/12 0:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 57167/-57299 X: 16:30.0 Y: 40kc

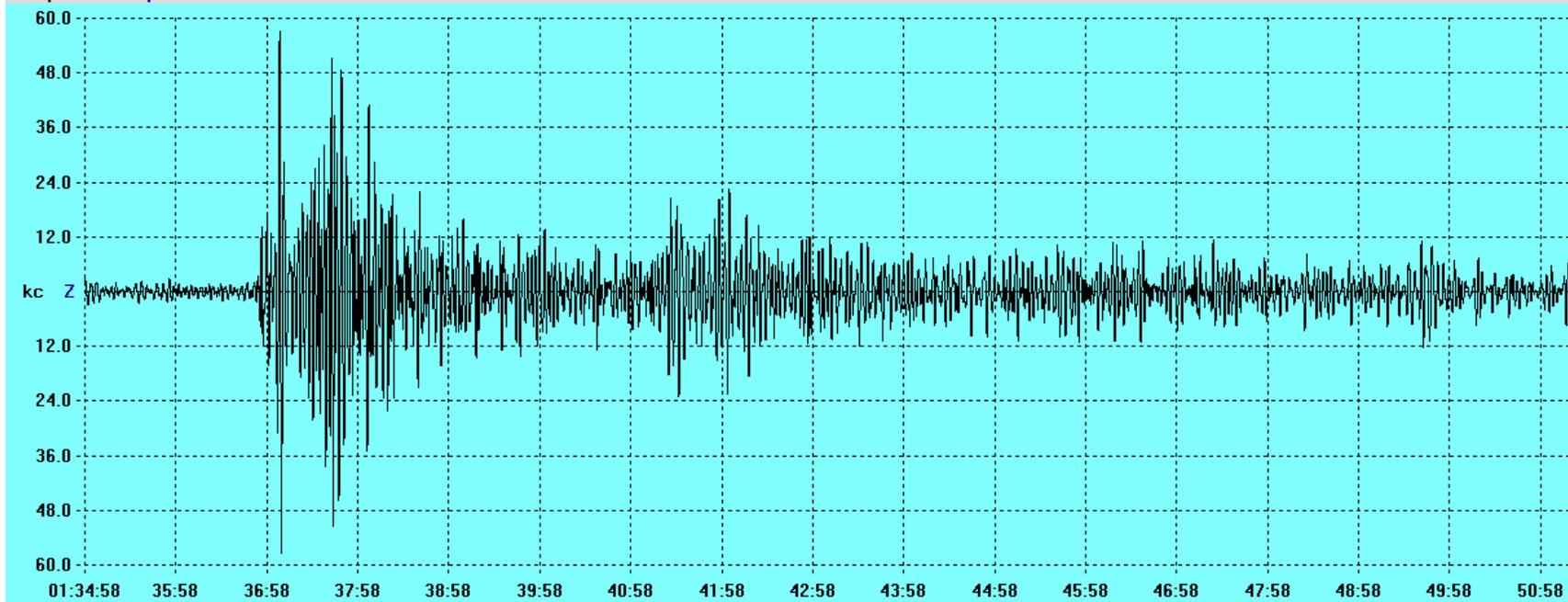


PDE-Q 2012 04 21 011652.83 -1.60 134.28 16 6.7 MwWCMT

Detalhes do sismograma acima:

Start: 4/21/12 0:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 57167/-57299 X: 16:30.0 Y: 60kc

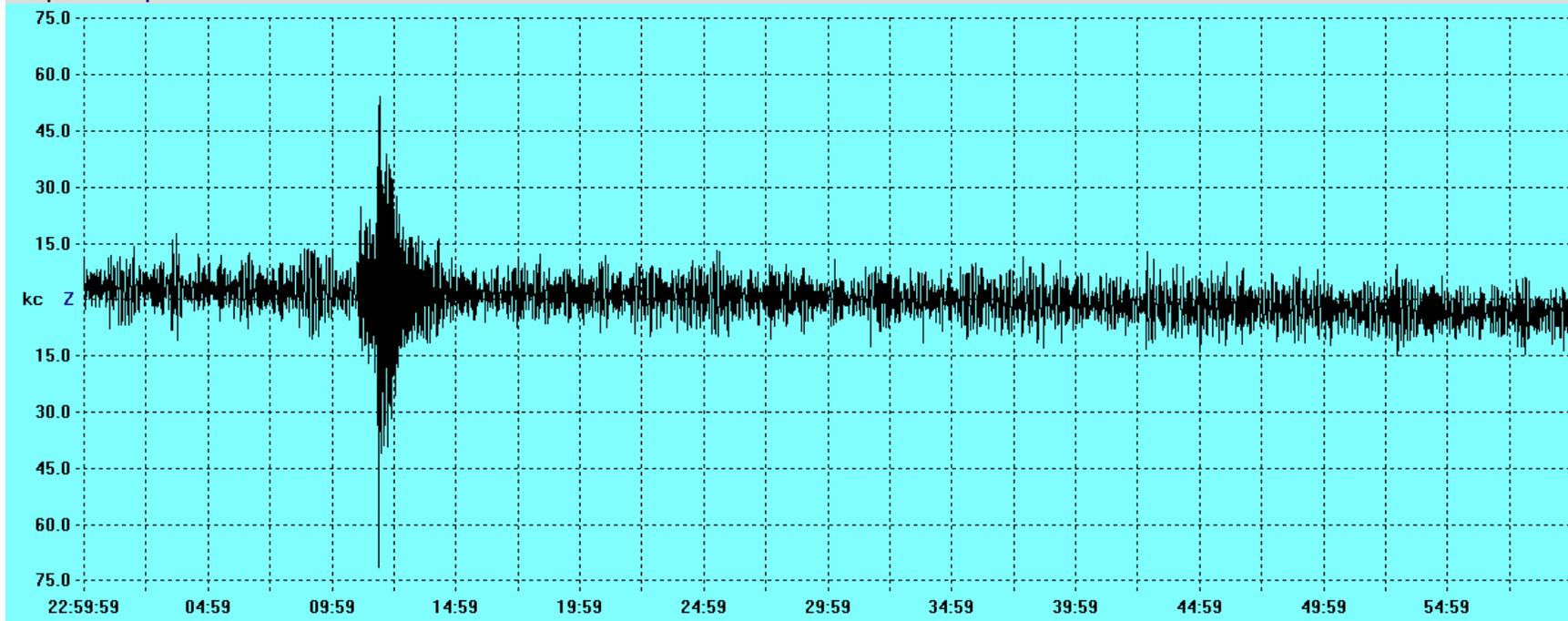


PDE-Q 2012 04 21 011652.83 -1.60 134.28 16 6.7 MwWCMT

O sismograma a seguir não foi filtrado:

Start: 4/29/12 22:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 53889/-71412 X: 1:00:00 Y: 75kc

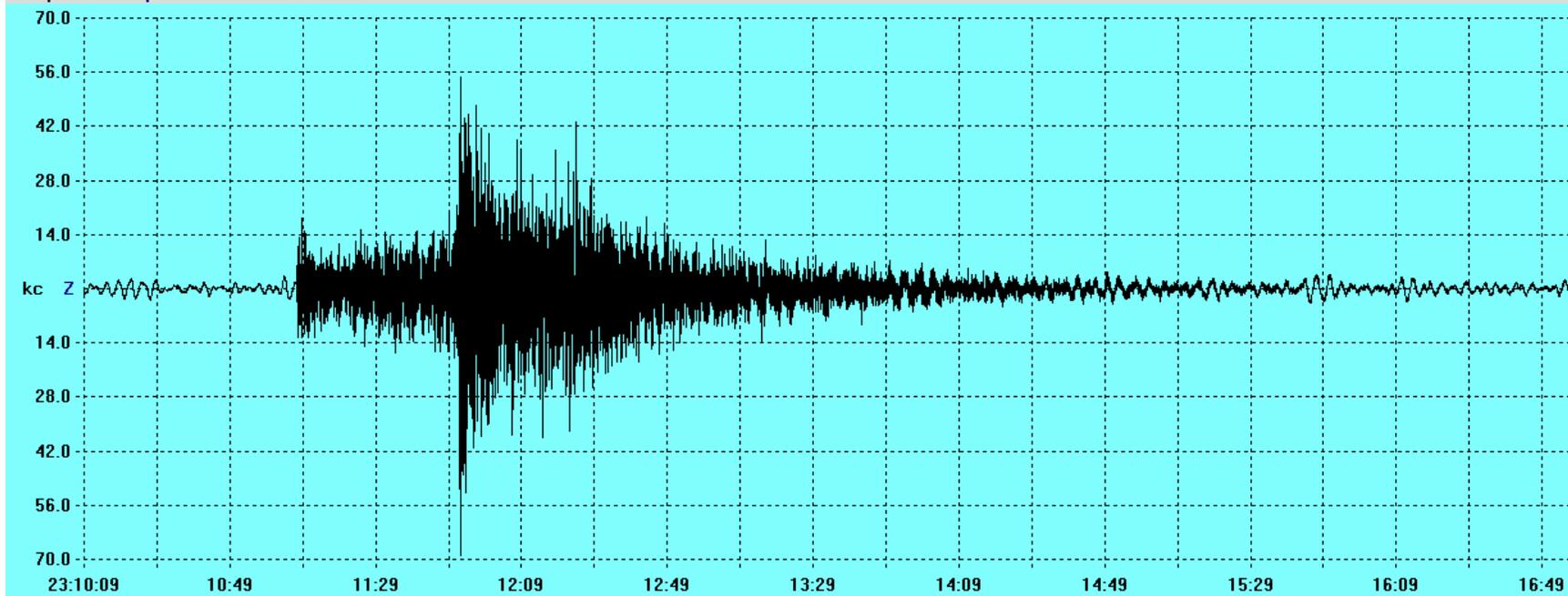


Evento regional/local não identificado.

Versão filtrada (high-pass acima de 0.3 Hz) do sismograma acima:

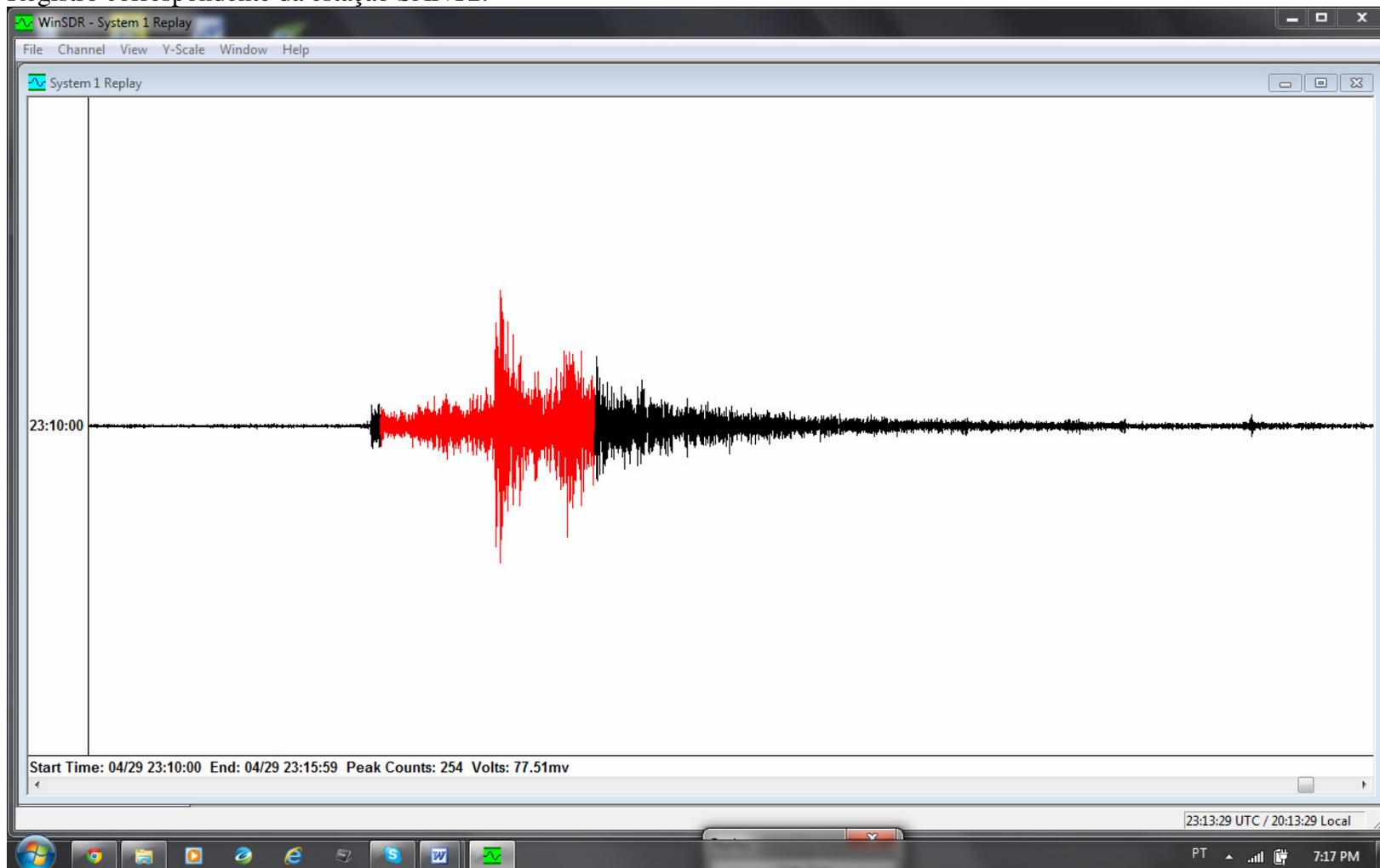
Start: 4/29/12 22:59:59 UTC Station: SAML 8.9489S 63.1831W Samples: 144001 SPS: 40

Max/Min: 54839/-69079 X: 6:48.0 Y: 70kc



Evento regional/local não identificado.

Registro correspondente da estação SANT2:



Provável detonação regional (eventos sobrepostos).