



Natural Resources  
Canada      Ressources naturelles  
Canada

**GEOLOGICAL SURVEY OF CANADA  
OPEN FILE 8930**

**Temporal variations in coda Q before and after the 2017  
Barrow Strait earthquake (Mw 5.9) in Nunavut and the 2012  
Haida Gwaii earthquake (Mw 7.8) in British Columbia**

**A.M. Farahbod and J.F. Cassidy**

**2022**

**Canada** A small red maple leaf icon positioned above the letter 'a' in the word 'Canada'.



ISSN 2816-7155  
ISBN 978-0-660-46224-0  
Catalogue No. M183-2/8930E-PDF

## GEOLOGICAL SURVEY OF CANADA OPEN FILE 8930

# Temporal variations in coda Q before and after the 2017 Barrow Strait earthquake (Mw 5.9) in Nunavut and the 2012 Haida Gwaii earthquake (Mw 7.8) in British Columbia

A.M. Farahbod and J.F. Cassidy

2022

© His Majesty the King in Right of Canada, as represented by the Minister of Natural Resources, 2022

Information contained in this publication or product may be reproduced, in part or in whole, and by any means, for personal or public non-commercial purposes, without charge or further permission, unless otherwise specified.

You are asked to:

- exercise due diligence in ensuring the accuracy of the materials reproduced;
- indicate the complete title of the materials reproduced, and the name of the author organization; and
- indicate that the reproduction is a copy of an official work that is published by Natural Resources Canada (NRCan) and that the reproduction has not been produced in affiliation with, or with the endorsement of, NRCan.

Commercial reproduction and distribution is prohibited except with written permission from NRCan. For more information, contact NRCan at [copyright-droitdauteur@nrcan-rncan.gc.ca](mailto:copyright-droitdauteur@nrcan-rncan.gc.ca).

Permanent link: <https://doi.org/10.4095/331095>

This publication is available for free download through GEOSCAN (<https://geoscan.nrcan.gc.ca/>).

### Recommended citation

Farahbod, A.M. and Cassidy, J.F., 2022. Temporal variations in coda Q before and after the 2017 Barrow Strait earthquake (Mw 5.9) in Nunavut and the 2012 Haida Gwaii earthquake (Mw 7.8) in British Columbia; Geological Survey of Canada, Open File 8930, 67 p. <https://doi.org/10.4095/331095>

## **Table of Contents**

	page
Abstract	1
Introduction	2
Methodology	3
Data and Analysis	5
Coda Q Results	8
Summary and Conclusions	9
Acknowledgements	11
References	11
Appendix 1 - Earthquake Source Locations (Haida Gwaii)	14
Appendix 2 - Earthquake Source Locations (Nunavut)	62

## Abstract

In this study, we examine potential temporal changes in coda  $Q$  values for two significant Canadian earthquakes in different tectonic environments: the 2017 (Mw 5.9) Barrow Strait earthquake along Canada's northern margin and the 2012 (Mw 7.8) Haida Gwaii subduction earthquake on Canada's west coast.

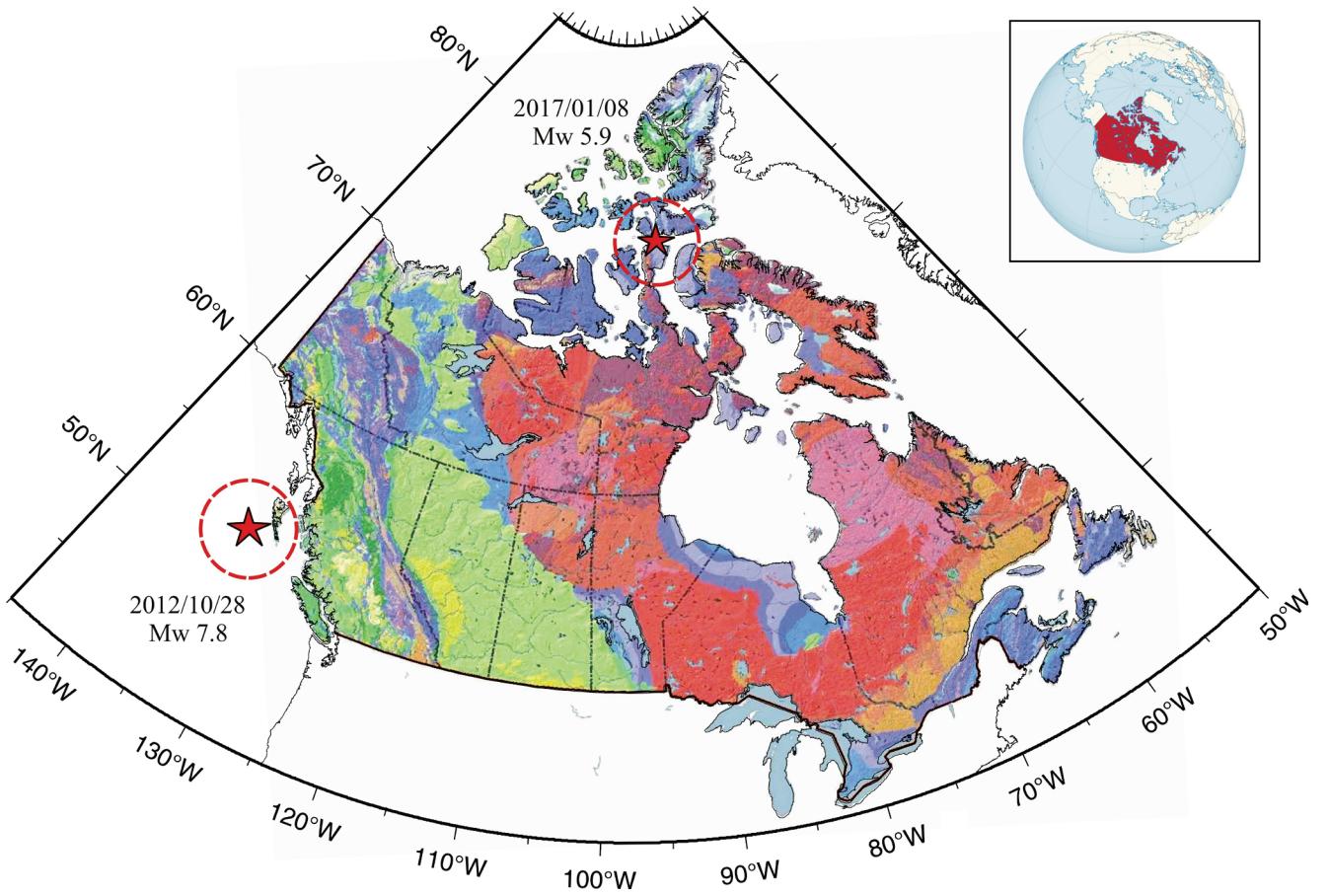
Waveforms from 124 earthquakes ( $2.0 \leq M \leq 4.6$ ) for  $\sim 30$  years prior to the January 8, 2017 Barrow Strait earthquake and 66 events (mainly aftershocks of  $M 2.0\text{--}5.3$ ) in about 4 years after the mainshock recorded by the closest seismic station (RES) of the Canadian National Seismograph Network (CNSN) were utilized in this study. Based on our analysis, overall average of  $Q_0$  ( $Q$  at 1 Hz) decreased from 92 (before the mainshock) to 81. The most significant decrease in the frequency range between 2 and 16 Hz is observed for areas corresponding to ellipse parameter  $a_2$  of 50, 70 and 80 mainly related to aftershock activity. Precursory  $Q$  changes could not be evaluated before the mainshock due to the lack of reported seismicity within 100 km of the recording seismic station for almost 2 years from April 2015 to January 2017.

Coda Q values before and after the October 28, 2012 Haida Gwaii earthquake in British Columbia show a similar pattern. Waveforms from 249 earthquakes ( $2.0 \leq M \leq 4.9$ ) in 2 years before the mainshock and 498 events ( $2.5 \leq M \leq 6.3$ ) in 2 years after the mainshock recorded by the three closest seismic stations of the CNSN were utilized. Overall average of  $Q_0$  decreased from 89 (before the mainshock) to 69 (station BNB), from 90 to 79 (station DIB) and from 86 to 78 (station VIB). In general, these results are in agreement with other global studies that show a decrease in  $Q_0$  following a major earthquake, likely the result of increased fracturing and fluids in the epicentral region.

## Introduction

Over decades several studies around the world identified temporal variations in coda Q before and after significant ( $M > 5.5$ ) earthquakes (e.g. Jin & Aki, 1986; Gusev and Lemzikov, 1985; Sato, 1988; Hiramatsu et al., 2000; Morozov, 2011; Iqbal et al., 2021; Hu et al., 2021). Also, spatial differences in coda-Q have been detected between the mainshock source region and the surrounding area or among different parts of the source region (Peng *et al.*, 1987; Su and Aki, 1990). In addition, it was reported that the spatial difference in coda Q that existed before the mainshock disappeared after the earthquake, indicating that the spatial difference could be caused by the earthquake preparation process (Huang & Kisslinger, 1992).

In this study, waveform data from the Canadian National Seismograph Network (CNSN) were utilized to reveal the temporal variations in coda attenuation in two tectonically different regions in Canada (Figure 1). The first area is located north of the Arctic Circle in Nunavut where the 8 January 2017 Barrow Strait earthquake, Mw 5.9, occurred beneath the Barrow Strait between Somerset Island, Devon Island, and Cornwallis Island, about 90 km southeast of Resolute. The second region is located in the vicinity of the 28 October 2012 Haida Gwaii earthquake, Mw 7.8, on Canada's west coast. We calculate coda Q values before and after these two earthquakes on the basis of the Aki's single backscattering model. This study is considered as the first investigation of its kind that has been conducted in Canada.



**Figure 1:** Two areas that we considered in this study to investigate temporal variations in the coda  $Q$  before and after large earthquakes in 2012 and 2017. The map shows the varying age of bedrock underlying Canada from yellow (the youngest, up to 66 million years old) to green, blue and red (the oldest i.e. the Canadian shield, 4 up to billion years old). Modified after Barton et al., 2003.

## Methodology

In this study (as in our previous studies across Canada (e.g. Farahbod & Cassidy, 2016; Farahbod et al., 2016; Farahbod & Cassidy, 2018; Farahbod et al., 2019, Farahbod & Cassidy 2022a and Farahbod & Cassidy 2022b)), we determine the coda  $Q$  factor using the single backscattering approximation, which explains the decay of earthquake coda under the assumption of weak isotropic scattering from homogeneously distributed heterogeneities [Aki, 1969; Aki & Chouet, 1975; Sato 1977]. The coda waves are assumed to comprise S-to-S backscattered waves, which do not produce secondary scattering when encountering another scatterer and the measured coda  $Q$ , ( $Q_C$ ) depends on both intrinsic and

scattering attenuation [Aki & Chouet, 1975; Wu & Aki, 1988]. The coda wave amplitude at frequency  $f$ , and lapse time  $t$  (time from the event origin) is described by

$$A(f, t) = S(f)t^v e^{-\pi ft/Q_c} \quad (1)$$

where  $S(f)$  is the source factor which is related to the earthquake's source spectrum and includes station site, backscattering, and source effects [Wu & Aki, 1988]. The geometrical spreading parameter  $v$  is 1, 0.5 and 0.75 for body-wave scattering (this study), surface wave scattering, and diffusion, respectively [Aki & Chouet, 1975]. Equation (1) assumes that the source and receiver are at the same point, a good approximation only for signals at a lapse time,  $t$ , greater than 2 times the travel time of the direct S wave,  $t_s$  [Rautian & Khalturin, 1978; Sato, 1977]. Equation (1) for body-wave can be written as

$$\ln(A(f, t)) + \ln(t) = \ln(S(f)) - \pi ft/Q_c \quad (2)$$

so that,  $Q_c$  can be obtained by linear regression of  $\ln(A(f, t))$  on  $t$  over a coda time window at a constant frequency  $f$ . In practice,  $A(f, t)$  is obtained by bandpass-filtering the coda signal over a narrow passband centered on frequency  $f$  and fitting a time decay envelope to the filtered signal [Rautian & Khalturin, 1978]. When many decay curves are available for the same region, all data can be inverted simultaneously to obtain one  $Q_c$  value [Aki & Chouet, 1975; Havskov et al., 1989]. Obtaining one  $Q$  value for each decay curve and averaging  $Q^l$  values gives the same result [Kvamme, 1985]. This latter method has the additional advantages of faster computation and the ability to check the fit to equation (2) to eliminate bad results [Havskov et al., 1989].

Assuming that the coda window starts at  $t_1=2t_s$ , the end time  $t_2$  controls the maximum size of the volume sampled by the backscattered waves [Zelt et al., 1999]. The sampling volume is one-half of a three-dimensional ellipsoid, with the source and receiver as focal points, semi-major axis  $a_1 = V_s t / 2$  and semi-minor axis  $a_2 = (a_1^2 - R^2/4)^{1/2}$ , where  $V_s$  is the average S-wave velocity (3.5 km/sec) and  $R$  is the station-event separation [Pauli, 1984]. For similar  $a_1$  and  $a_2$ , the sampled volume is nearly a sphere and the maximum depth sampled is approximately given by  $Z_{max} = a_2 + d/2$ , where  $d$  is the event depth [Havskov et al., 1989; Zelt et al., 1999].

Practically, to make meaningful comparisons of  $Q_c$  from different regions, it is important to make estimates of the volumes sampled by different stations. The average sampling volume can be determined

by setting  $t = (t_1 + t_2)/2$  in the equation for  $a_1$  [Havskov et al., 1989]. Therefore, by varying  $t_2$ , it is possible to ensure that the volumes being sampled by each event-station combination are approximately the same [Zelt et al., 1999].

## Data and Analysis

For calculating  $Q_C$ , we used seismic waveform data from one short period (BNB) and two broadband (DIB and VIB) CNSN sites in Haida Gwaii, British Columbia and one broadband station (RES) in Nunavut. These data have sampling rates of either 100 Hz or 40 Hz (broadband station) and 60 Hz (short period station) with a flat frequency response from 1 to 16 Hz. Selected earthquakes in a radius of 100 km around each seismic station (if seismicity was reported) are provided in Appendix 1 (Haida Gwaii) and Appendix 2 (Nunavut).

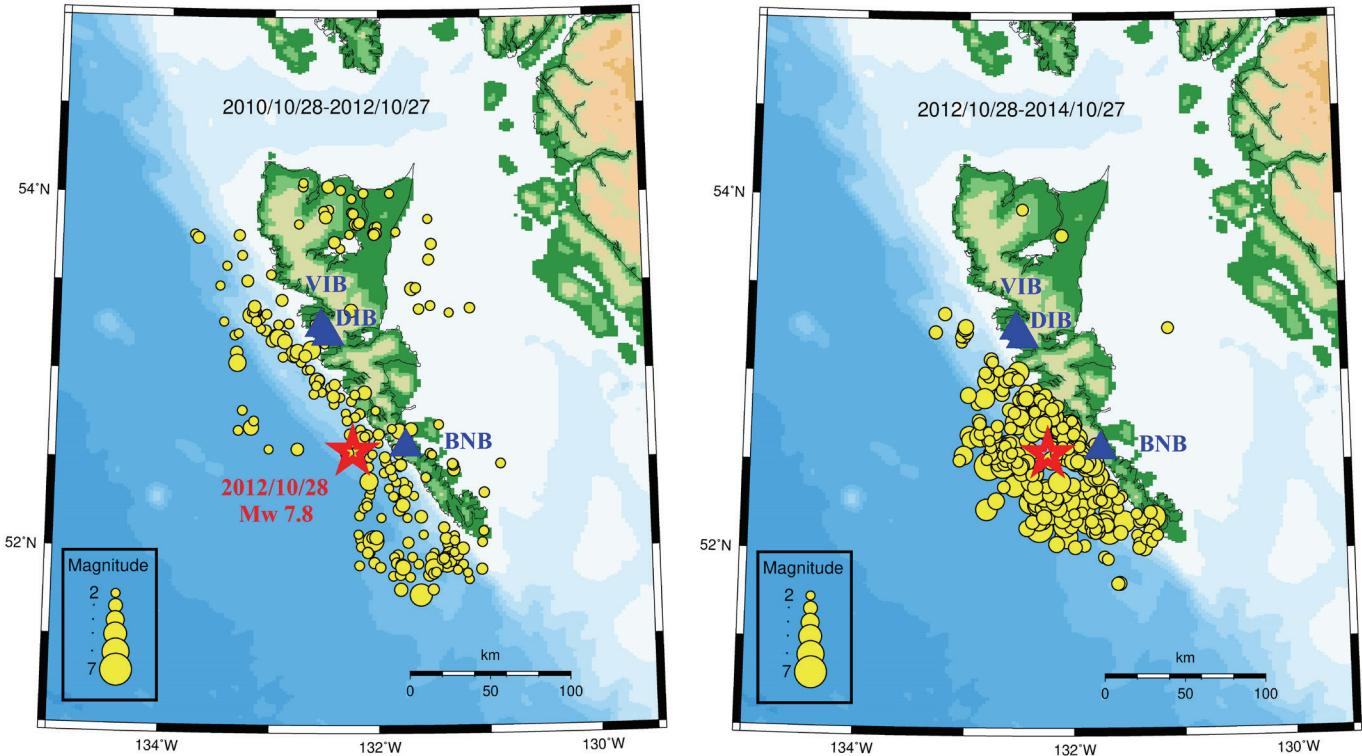
Our dataset is comprised of 747 earthquakes (249 and 498 events before and after the mainshock, respectively) recorded by the CNSN stations in Haida Gwaii between October 28, 2010 and October 27, 2014 with magnitudes ranging from 2.0 to 7.8 (Figure 2). For the Barrow Strait earthquake, we considered 205 earthquakes (124 and 81 events before and after the mainshock, respectively) recorded at RES between October 30, 1985 and December 03, 2020 with magnitudes ranging from 2.0 to 5.9 (Figure 3). Depths range from 0 to 40 km and epicentral distances from 5 to 100 km. This gives a total of 670 and 142 high signal-to-noise (S/N) traces ( $S/N \geq 5.0$ ) useful for  $Q_C$  calculation in the two areas in west and east, respectively; however, the number of traces actually used for analysis depends on sampling size. The coda window length used in this study is 20 seconds except for epicentral distances less than 30 km which is 10 sec.

For each event-station combination, we picked P-wave and S-wave arrivals and relocated earthquakes considering a velocity model used for standard earthquake locations in the each region (Table 1 & Table 2). Then we calculated  $Q_C$  at five frequencies between 2 and 16 Hz (Figure 4) using equation (2). The frequency dependence of  $Q_C$  can be expressed as  $Q_C = Q_0 f^\alpha$  [Rautian & Khalturin, 1978];  $Q_0$  ( $Q_C$  at 1 Hz) and  $\alpha$ , are obtained by linear regression of  $\log(Q_C)$  on  $\log(f)$ . For each station,  $Q_C$  is determined by averaging the calculated values from all events.

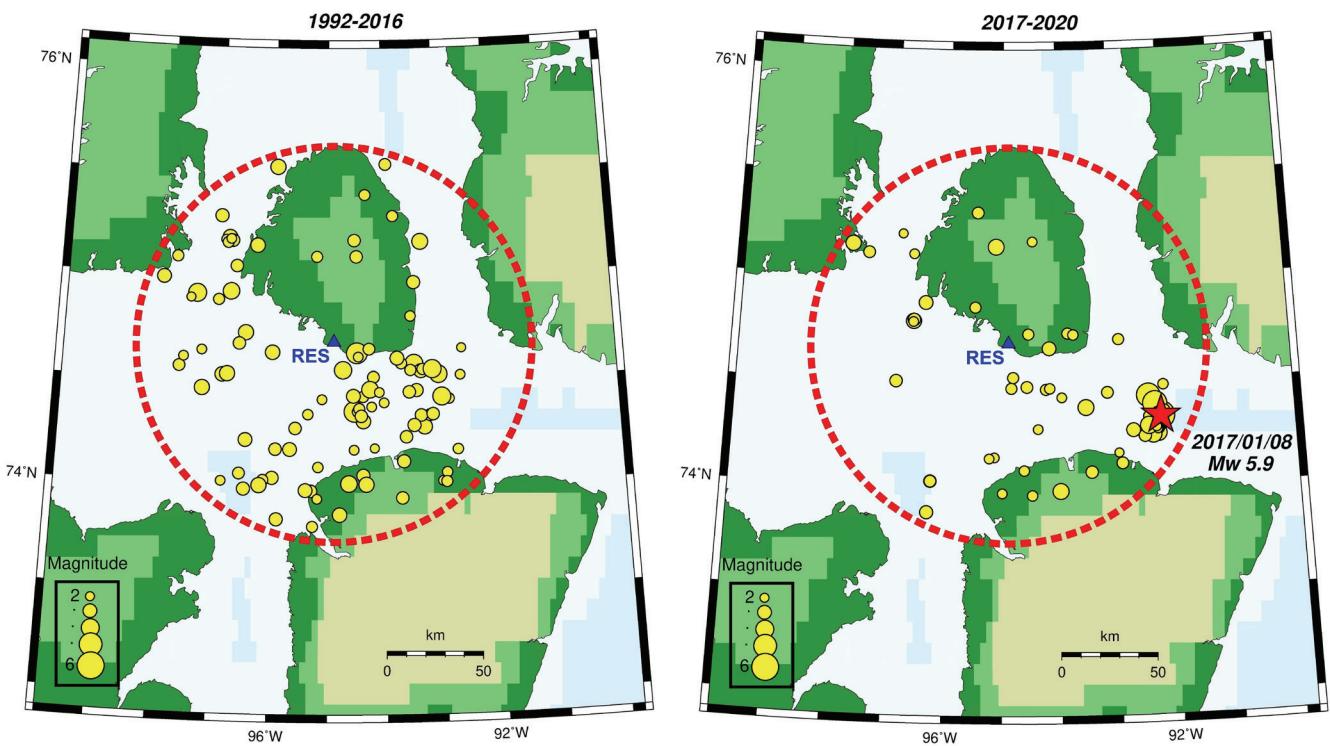
In general,  $Q_C$  increases with lapse time which likely is a result of including a greater volume of less complex upper mantle material in the sampling volume [Pauli, 1984 & Zelt et al., 1999]. Therefore, in order to reduce sampling size and to ensure that approximately equivalent volumes are sampled at each

station used to calculate  $Q_C$ , we fixed  $a_2$  and the average of maximum lapse time to specific values. These values are selected based on the location distribution of earthquakes around the stations.

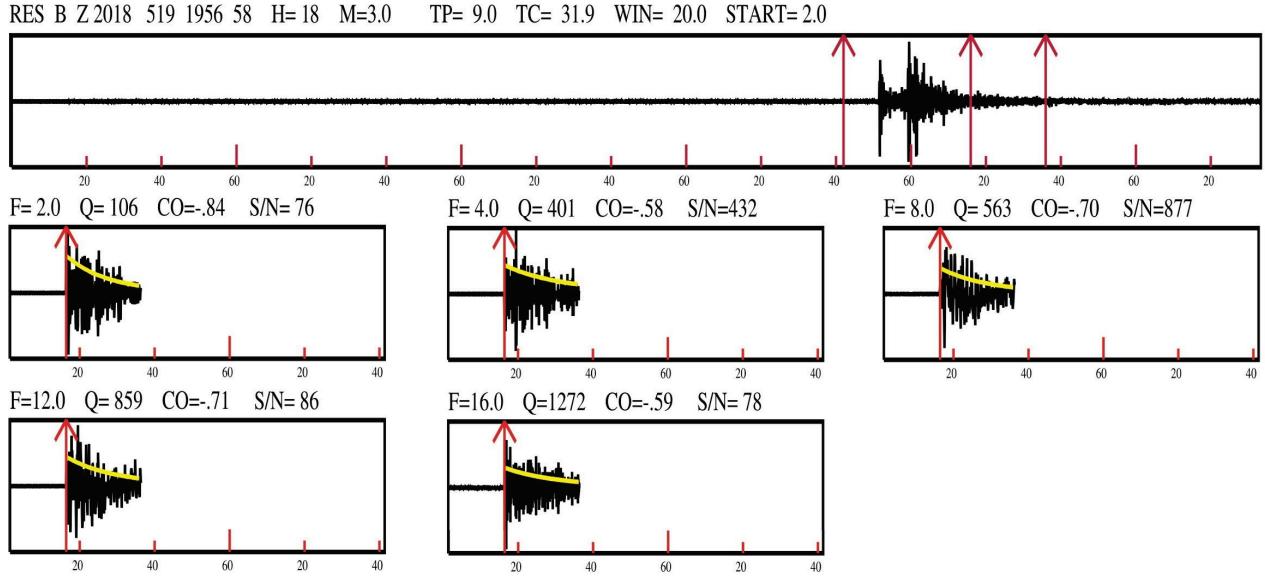
We used the computer program SEISAN [Havskov and Ottemöller, 2012] to calculate coda Q. The program calculates  $Q_C$  for a series of events and stations at five frequencies (2, 4, 8, 12 and 16 Hz). On completion, the average values are calculated and a  $Q_C$  versus f curve is fit to the calculated values [Havskov and Ottemöller, 2010]. The program also plots the individual events and filtered coda windows (Figure 4).



**Figure 2:** Reported seismicity by the Geological Survey of Canada within 100 km of the 3 stations (BNB, DIB and VIB) in two time intervals: 1- from October 28, 2010 to October 27, 2012 (left) and 2- from October 28, 2012 to October 27, 2014 (right) with  $M \geq 2.0$ . The 2012 Haida Gwaii earthquake (Mw 7.8) is represented by the red star.



**Figure 3:** Reported seismicity by the Geological Survey of Canada within 100 km of the station RES in two time intervals: 1- from November 03, 1992 to December 31, 2016 (left) and 2- from January 1, 2017 to December 31, 2020 (right) with  $M \geq 2.0$ . The 2017 Barrow Strait earthquake ( $M 5.9$ ) that is the largest reported event from 1992 to 2020 within 100 km of the station RES is represented by the red star.



**Figure 4:** Data processing example for an earthquake on May 19, 2018 (station RES). The first step is a visual inspection of available waveforms and the selection of the closest stations to the event with the highest SN ratio (top). For each station (if  $SN \geq 5.0$ ), the top trace is the original unfiltered waveform where the 3 vertical lines indicate (from left) origin time, start and end of coda window. Above the seismogram is first the station code, origin time, depth (h), magnitude (ML), P-wave travel time (TP, s), start of coda window from the origin (TC, s), window length (WIN, s) and start of coda window in terms of S-wave travel time ( $t_{coda} > ST * S\text{-travel time}$ ). The amplitude decay corresponding to estimation parameters (f: frequency, C: correlation coefficient and SN: signal-to-noise ratio) are shown by the yellow curve in the five filtered segments.

## Coda Q Results

In order to make a comparison of  $Q_C$  over the study area before and after the two mainshocks, it is necessary to use the shortest possible event-station paths. This rules out simply selecting all the data with high signal-to-noise ratio. Therefore, we calculated  $Q_C$  at different stations by using different sets of ellipse parameter  $a_2$  (20-100 km) and lapse time (12-60 sec). The corresponding estimated  $Q_0$  error for each station with five or more events ranges from 2 to 19 (bold values in Table 3).

Overall, there is an increase in  $Q_0$  values with increasing sampling volume. Our estimated  $Q_0$  values (with five or more events used for each estimate) are the lowest on Canada's west coast at station BNB ( $Q_0 = 53$ ,  $a_2 = 60$  km) after the mainshock. In this area, the highest  $Q_0$  value is observed at the same station before the mainshock ( $Q_0 = 121$ ,  $a_2 = 90$  km). But the highest  $Q_0$  value among all, is observed at station RES in the eastern Canadian Arctic ( $Q_0 = 138$ ,  $a_2 = 30$  km) after the mainshock.

We observe a clear pattern of temporal variations in  $Q_0$  values in this study. At RES (~90 km epicentral distance) we calculate an overall decrease of ~ 12% after the occurrence of the 2017 Barrow straight earthquake for the period of 2017-2020 (Table 4). For the 2012 Haida Gwaii earthquake, we see that  $Q_0$  values at the three closest stations (35-80 km epicentral distance) dropped between 22% and 9% after the mainshock for a period of two years. Variation with the source-receiver distance is provided in Table 4. This is similar to some worldwide observations of decrease in  $Q$  after a large earthquake (e.g., Peng et al., 1987; Hiramatsu et al., 2000).

## Summary and conclusions

In this study we found clear evidence for temporal variations in coda-wave attenuation before and after two recent significant Canadian earthquakes: Mw 5.9 Barrow Strait in the eastern Canadian Arctic and Mw 7.8 Haida Gwaii along Canada's west coast. We used the single scattering approximation on records from short period and broadband stations of the regional Canadian National Seismic Network at epicentral distances of ~35-90 km. We observed a declining trend of  $Q_0$  values following both mainshocks at all the stations examined, but note that this trend is influenced (at least partially) by the source-receiver distance. At the closest station (BNB ~ 35 km) we observed a drop of ~ 22% of  $Q_0$  on average (Table 4). While, for the other more distant stations with comparable source-receiver distance (DIB ~ 75 km, -12%; VIB ~ 80 km, -9% and RES ~ 90 km, -12%) we noticed little differences on the average variations (Table 4).

The most significant decrease in  $Q_0$  values in the frequency range between 2 and 16 Hz is observed for areas corresponding to ellipse parameters  $a_2$  that mainly related to aftershock activity (e.g. RES:  $a_2 = 50\text{-}80$  km; BNB:  $a_2=30\text{-}60$  km).

The highest  $Q_0$  values of 121 and 138 ( $t_{\text{lapse}}=54$  sec, station BNB and  $t_{\text{lapse}}=18$  sec, station RES; respectively) were observed in the two tectonically different regions in the west and northeast of Canada. Also, the lowest  $Q_0$  of 53 and 57 ( $t_{\text{lapse}}=36$  sec, station BNB and  $t_{\text{lapse}}=42$  sec, station RES; respectively) were observed in the two regions.

For both events, precursory  $Q$  changes could not be examined. For the 2017 mainshock there was no reported seismicity within 100 km of the recording seismic station for almost 2 years from April 2015 to January 2017. In the case of the 2012 Haida Gwaii earthquake technical issues for almost 10 months before the 2012 mainshock at station VIB and a lack of enough high quality ( $S/N \geq 5.0$ ) waveforms, prevents us from making firm conclusions about precursory  $Q$  changes in that area.

The results presented here are the first evidence for temporal variations in Coda Q values following some recent significant Canadian earthquakes, and are similar to observations in other parts of the world.

**Table 1:** Velocity model used in the re-location process (Haida Gwaii)

Layer	Depth (km)	$V_p$ (km/s)	$V_s$ (km/s)
1	0.0	5.50	3.17
2	1.0	6.00	3.46
3	10.0	5.90	3.75
4	20.0	6.60	3.93
5	29.0	7.80	4.68

**Table 2:** Velocity model used in the re-location process (Nunavut)

Layer	Depth (km)	$V_p$ (km/s)	$V_s$ (km/s)
1	0.0	6.20	3.57
2	12.0	6.60	3.79
3	23.0	7.10	4.08
4	31.0	8.05	4.62
5	36.0	8.20	4.70

**Table 3:** Average  $Q_0$  and estimated uncertainties for different sampling volumes (1) before and (2) after the mainshock at each seismic station. Number of events is given in parentheses after each estimated value. Values based on more than 4 data points are highlighted in bold.

Station	$Q_0 \pm \text{error}$ ( $a_2=20 \text{ km}$ , $t_{\text{lapse}}=12 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=30 \text{ km}$ , $t_{\text{lapse}}=18 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=40 \text{ km}$ , $t_{\text{lapse}}=24 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=50 \text{ km}$ , $t_{\text{lapse}}=30 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=60 \text{ km}$ , $t_{\text{lapse}}=36 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=70 \text{ km}$ , $t_{\text{lapse}}=42 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=80 \text{ km}$ , $t_{\text{lapse}}=48 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=90 \text{ km}$ , $t_{\text{lapse}}=54 \text{ s}$ )	$Q_0 \pm \text{error}$ ( $a_2=100 \text{ km}$ , $t_{\text{lapse}}=60 \text{ s}$ )
BNB(1)	$49 \pm 5(3)$	<b><math>94 \pm 6(9)</math></b>	<b><math>86 \pm 6(8)</math></b>	$110 \pm 5(4)$	<b><math>87 \pm 11(8)</math></b>	<b><math>68 \pm 6(10)</math></b>	<b><math>67 \pm 7(6)</math></b>	<b><math>121 \pm 4(8)</math></b>	$115 \pm 19(2)$
BNB(2)	<b><math>76 \pm 16(5)</math></b>	$76 \pm 3(20)$	$85 \pm 7(9)$	$63 \pm 2(39)$	$53 \pm 8(11)$	$97 \pm 5(6)$	$94 \pm 8(2)$	-	-
DIB(1)	$117 \pm 11(1)$	<b><math>97 \pm 8(6)</math></b>	<b><math>104 \pm 4(15)</math></b>	$85 \pm 9(3)$	<b><math>73 \pm 3(9)</math></b>	<b><math>95 \pm 4(11)</math></b>	<b><math>118 \pm 3(12)</math></b>	<b><math>94 \pm 5(5)</math></b>	-
DIB(2)	-	$77 \pm 5(6)$	$55 \pm 6(9)$	$58 \pm 4(5)$	$88 \pm 4(23)$	$70 \pm 3(23)$	$86 \pm 4(14)$	<b><math>83 \pm 5(10)</math></b>	-
VIB(1)	$67 \pm 10(2)$	$80 \pm 11(3)$	<b><math>81 \pm 4(11)</math></b>	$73 \pm 6(1)$	$69 \pm 7(4)$	<b><math>100 \pm 8(13)</math></b>	$53 \pm 12(3)$	$79 \pm 4(2)$	-
VIB(2)	-	<b><math>77 \pm 10(5)</math></b>	$72 \pm 12(5)$	$70 \pm 3(9)$	$60 \pm 4(9)$	<b><math>98 \pm 4(24)</math></b>	$73 \pm 6(26)$	<b><math>74 \pm 5(17)</math></b>	$92 \pm 15(4)$
RES(1)	-	$78 \pm 7(4)$	<b><math>92 \pm 2(10)</math></b>	<b><math>100 \pm 9(11)</math></b>	$76 \pm 7(11)$	<b><math>88 \pm 3(15)</math></b>	<b><math>112 \pm 6(16)</math></b>	<b><math>97 \pm 1(5)</math></b>	-
RES(2)	-	<b><math>138 \pm 19(5)</math></b>	$60 \pm 8(3)$	$71 \pm 11(7)$	$98 \pm 7(4)$	<b><math>57 \pm 6(15)</math></b>	$103 \pm 4(5)$	<b><math>108 \pm 5(7)</math></b>	-

**Table 4:** Average value of  $Q_0$  and  $\alpha$  for each station (frequency band of 2 to 16 Hz), (1) before and (2) after the mainshock, percentage of  $Q_0$  variation ( $dQ_0$ ), the overall average, and the source-receiver distance. Number of events is given in parentheses after each estimated value.

Station	(1) $Q_0 \pm$ error	(1) $\alpha \pm$ error	(2) $Q_0 \pm$ error	(2) $\alpha \pm$ error	$dQ_0$	$Q_0 \pm$ error	$\alpha \pm$ error	Distance (km)
BNB	$89 \pm 4(58)$	$0.85 \pm 0.05$	$69 \pm 2(93)$	$0.98 \pm 0.02$	-22%	$76 \pm 3(151)$	$0.92 \pm 0.03$	35
DIB	$90 \pm 2(62)$	$0.84 \pm 0.03$	$79 \pm 3(92)$	$0.96 \pm 0.03$	-12%	$84 \pm 3(154)$	$0.90 \pm 0.02$	75
VIB	$86 \pm 3(39)$	$0.89 \pm 0.04$	$78 \pm 2(100)$	$0.93 \pm 0.02$	-9%	$80 \pm 4(139)$	$0.91 \pm 0.04$	80
RES	$92 \pm 3(74)$	$1.02 \pm 0.03$	$81 \pm 4(46)$	$1.06 \pm 0.01$	-12%	$89 \pm 1(120)$	$1.03 \pm 0.01$	90

## Acknowledgements

We gratefully acknowledge the sources of seismic data used in this study: the Canadian National Seismograph Network (operated by the Canadian Hazards Information Service). We thank Alison Bent for a thorough review of this manuscript.

## References

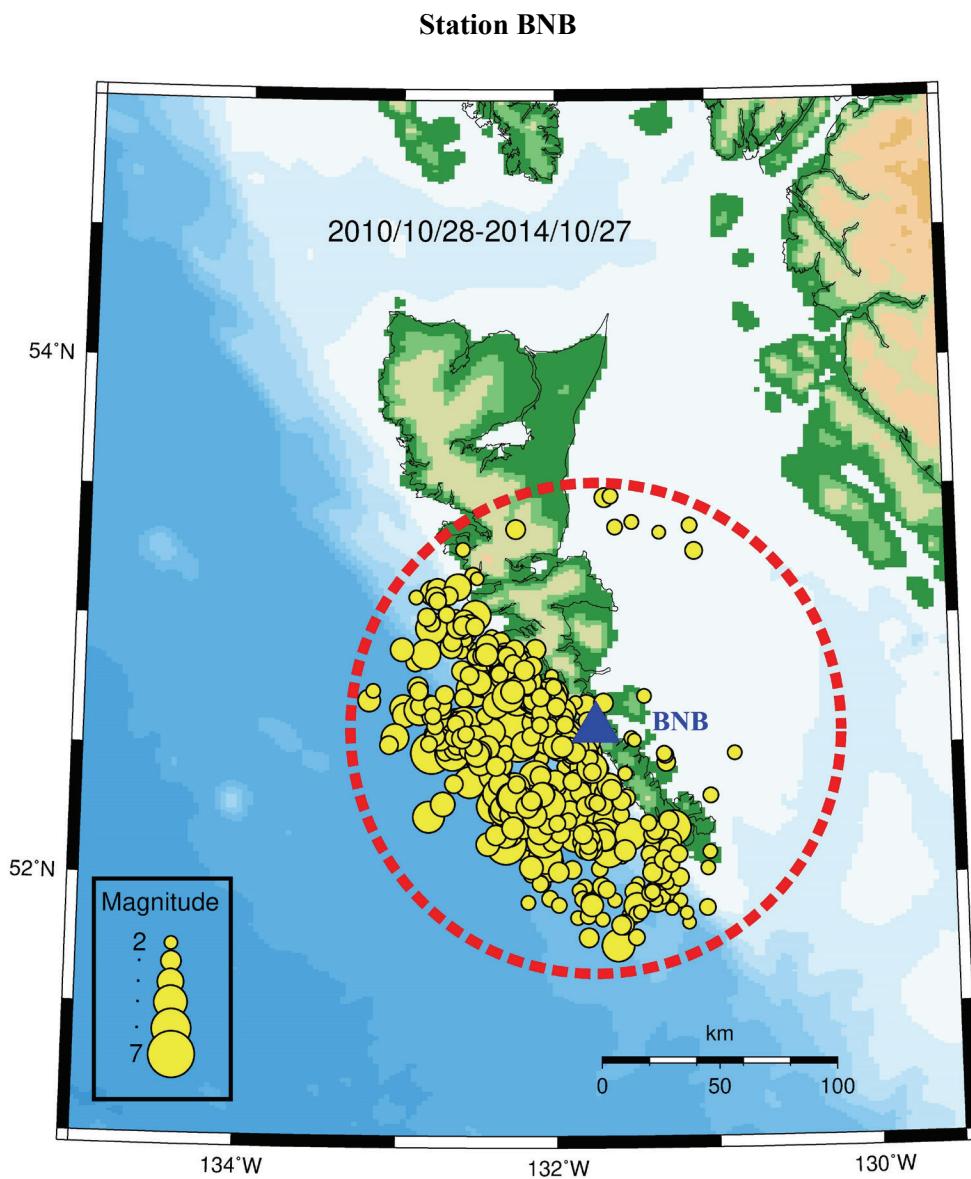
- Aki, K. (1969). Analysis of the seismic coda of local earthquakes as scattered waves, *J. Geophys. Res.*, **74**, 615-631.
- Aki, K. and Chouet, B. (1975). Origin of coda waves: source, attenuation, and scattering effects, *J. Geophys. Res.*, **80**, 3322-3342.
- Barton, K.E., Howell, D.G., and Vigil, J.F. (2003). The North America tapestry of time and terrain, IMAP2781, United States Geological Survey.
- Farahbod, A.M. and Cassidy, J.F. (2016). Seismic Attenuation in the Anahim Volcanic Belt and Adjacent Regions of British Columbia; *Geological Survey of Canada*, Open File 8030, 50 p. doi:10.4095/298894
- Farahbod, A.M., Calvert, A.J., Cassidy, J.F. and Brillon, C. (2016). Attenuation of seismic waves in the northern Cascadia subduction zone, *Bull. Seism. Soc. Am.*, **106**, 1939–1947, doi: 10.1785/0120160058.
- Farahbod, A.M. and Cassidy, J.F. (2018). Seismic attenuation in the interior of British Columbia and westernmost continental craton, *Geological Survey of Canada*, Open File 8221, 69 p. doi: 10.4095/306590.

- Farahbod, A.M., Cassidy, J.F and Kao, H. (2019). Seismic attenuation in northeast British Columbia using the coda Q method, *Canadian Society of Exploration Geophysicists, Recorder*, **44**, 6, 1-14.
- Farahbod, A.M. & Cassidy, J.F. (2022a). An overview of seismic attenuation in the northern Appalachians seismic zone, New Brunswick and Nova Scotia, *Geological Survey of Canada, Open File* 8875, 41 p., <https://doi.org/10.4095/329702>.
- Farahbod, A.M. & Cassidy, J.F. (2022b). An overview of seismic attenuation in the eastern Canadian Arctic and the Hudson Bay complex, Manitoba, Newfoundland and Labrador, Nunavut, Ontario, and Quebec, *Geological Survey of Canada, Open File* 8908, 47 p., <https://doi.org/10.4095/330396>.
- Gusev, A. A., and Lemzikov, V. K. (1985). Properties of Scattered Elastic Waves in the Lithosphere of Kamchatka: Parameters and Temporal Variations, *Tectonophys.*, **112**, 137-153.
- Havskov, J., Malone, S., McClurg D. and Crosson, R. (1989). Coda Q for the state of Washington, *Bull. Seismol. Soc. Am.*, **79**, 4, 1024-1038.
- Havskov, J. and Ottemöller, L. (2010). Routine Data Processing in Earthquake Seismology, ISBN t978-90-481-8696-9, *Springer-Verlag*, 347pp.
- Havskov, J. and Ottemöller, L. (2012). SEISAN: THE EARTHQUAKE ANALYSIS SOFTWARE, version 8.2.1, *Dept. of Earth Sci., Univ. of Bergen*.
- Hiramatsu, Y., Hayashi, N., Furumoto, M. and Katao, H. (2000). Temporal changes in coda Q and b value due to the static stress change associated with the 1995 Hyogo-ken Nanbu earthquake, *J. Geophys. Res.: Solid Earth* **105** (B3) 6141-6151, <https://doi.org/10.1029/1999JB900432>.
- Hu J., Zhang G., Fu L., Zhang Y., Li S., (2021). Temporal variations in coda attenuation associated with the 2008 Wenchuan (Mw7.9) Earthquake in SW, China, *Geodesy and Geodynamics*, **12**, 424-440, <https://doi.org/10.1016/j.geog.2021.09.001>.
- Huang, Z and Kisslinger, C. (1992). Coda-Q Before and After the 1986 Andreanof Islands Earthquake, *Pure Appl. Geophys.* **138**, 1-16.
- Iqbal, M.Z., Chung, T.W., Nam, M.J. et al. (2021). Temporal variation in scattering and intrinsic attenuation due to earthquakes in East Asia. *Sci Rep* **11**, 11260, <https://doi.org/10.1038/s41598-021-90781-8>.
- Jin, A. and Aki, K. (1986), Temporal Change in Coda Q before the Tangshan Earthquake of 1976 and the Haicheng Earthquake of 1975, *J. Geophys. Res.*, **91**, 665-673.
- Kvamme, L.B. (1985). Attenuation of seismic energy from local events in Norwegian areas, M.Sc. Thesis, *University of Bergen, Norway*.
- Morozov, I.B. (2011). Temporal variations of coda Q: an attenuation-coefficient view, *Phys. Earth Planet. Inter.* **187**, 47–55, <https://doi.org/10.1016/j.pepi.2011.04.012>.
- Pauli, J.J. (1984). Attenuation of coda waves in New England, *Bull. Seismol. Soc. Am.*, **74**, 1149-1166.
- Peng, J.Y., Aki, K., Chouet, B., Johnson, P., Lee, W.H.K., Marks, S., Newberry, J.T., Ryall, A.S., Stewart, S.W. and Tottingham, D.M., (1987). Temporal change in coda associated with the round valley, California, earthquake of November 23, 1984, *J. Geophys. Res.: Solid Earth* **92** (B5) 3507-3526, <https://doi.org/10.1029/JB092iB05p03507>.

- Rautian, T.G. and Khalturin, V.I. (1978). The use of the coda for determination of the earthquake source spectrum, *Bull. Seismol. Soc. Am.*, **68**, 923-948.
- Sato, H. (1977). Energy propagation including scattering effects: single isotropic scattering approximation. *J. Phys. Earth*, **25**, 27-41.
- Sato, H. (1988), Temporal Change in Scattering and Attenuation Associated with the Earthquake Occurrence-A Review of Recent Studies on Coda Waves, *Pure Appl. Geophys.*, **126**, 465-497.
- Su, F., and Aki, K. (1990), Temporal and Spatial Variation on Coda Q i Associated with the North Palm Springs Earthquake of July 8, 1986, *Pure Appl. Geophys.*, **133**, 23-52.
- Wu, R. S. and Aki, K. (1988). Multiple scattering and energy transfer of seismic waves: separation of scattering effect from intrinsic attenuation. II. Application of the theory to Hindu Kush region, *PAGEOPH*, **128**, 49-80.
- Zelt, B.C., Dotzev, N.T., Ellis R.M. and Rogers, G.C. (1999). Coda Q in Southwestern British Columbia, Canada, *Bull. Seismol. Soc. Am.*, **89**, 4, 1083-1093.

## Appendix 1

Selected earthquakes for this study within 100 km of the CNSN stations (Haida Gwaii) (Source: <http://www.earthquakescanada.nrcan.gc.ca>)



Date/Time (UTC)	Latitude (°)	Longitude (°)	Depth (km)	Magnitude	Description
2010-10-28 14:11:41	52.029	-131.362	20.0	2.1 ML	139 km SSE of Sandspit, BC
2010-10-31 04:06:49	51.949	-131.834	20.0	2.1 ML	144 km S of Sandspit, BC
2010-11-03 08:58:12	52.405	-131.870	20.0	2.0 ML	94 km S of Sandspit, BC
2010-11-04 18:15:46	52.595	-132.006	20.0	2.0 ML	74 km SSW of Sandspit, BC

2010-11-05 19:50:34	51.919	-132.043	20.0	2.4 ML	148 km S of Sandspit, BC
2010-11-06 19:10:14	52.649	-132.128	20.0	2.0 ML	70 km SSW of Sandspit, BC
2010-11-12 22:58:06	52.883	-132.531	20.0	2.0 ML	62 km WSW of Sandspit, BC
2010-11-13 17:04:44	51.937	-131.416	20.0	2.5 ML	148 km SSE of Sandspit, BC
2010-11-23 11:41:31	52.763	-132.306	20.0	2.0 ML	63 km SW of Sandspit, BC
2010-11-25 02:58:00	51.994	-131.364	20.0	2.2 ML	143 km SSE of Sandspit, BC
2010-11-28 03:05:13	52.050	-132.166	20.0	2.3 ML	135 km SSW of Sandspit, BC
2010-12-06 03:19:49	52.670	-132.173	20.0	2.2 ML	68 km SSW of Sandspit, BC
2010-12-08 11:54:40	52.037	-131.362	20.0	2.4 ML	138 km SSE of Sandspit, BC
2010-12-09 14:12:09	52.313	-131.028	20.0	2.3 ML	117 km SE of Sandspit, BC
2010-12-14 04:55:47	51.912	-131.638	20.0	2.2 ML	149 km S of Sandspit, BC
2010-12-15 07:45:01	52.185	-132.178	20.0	2.1 ML	121 km SSW of Sandspit, BC
2010-12-17 13:43:39	52.700	-131.442	20.0	2.2 ML	66 km SE of Sandspit, BC
2010-12-20 19:19:04	51.902	-132.181	20.0	2.1 ML	152 km SSW of Sandspit, BC
2010-12-21 02:34:53	51.892	-131.461	20.0	2.1 ML	153 km SSE of Sandspit, BC
2010-12-21 21:47:35	51.960	-131.829	20.0	2.4 ML	143 km S of Sandspit, BC
2010-12-22 00:40:55	51.975	-131.495	20.0	2.0 ML	143 km SSE of Sandspit, BC
2010-12-26 20:52:33	51.911	-131.284	20.0	2.0 ML	153 km SSE of Sandspit, BC
2010-12-27 21:27:26	52.302	-132.086	20.0	2.1 ML	107 km SSW of Sandspit, BC
2010-12-28 01:03:18	52.258	-132.111	20.0	2.3 ML	112 km SSW of Sandspit, BC
2010-12-28 07:45:44	52.229	-132.140	20.0	2.1 ML	115 km SSW of Sandspit, BC
2010-12-28 23:25:26	52.778	-132.030	16.7	2.0 ML	54 km SSW of Sandspit, BC
2010-12-29 10:51:30	51.977	-132.088	20.0	2.3 ML	142 km SSW of Sandspit, BC
2010-12-31 23:43:35	51.882	-131.059	20.0	2.4 ML	160 km SSE of Sandspit, BC
2011-01-03 22:51:45	51.938	-131.289	20.0	2.3 ML	150 km SSE of Sandspit, BC
2011-01-05 17:04:45	52.512	-132.092	20.0	2.0 ML	84 km SSW of Sandspit, BC
2011-01-07 09:44:46	52.096	-131.036	20.0	2.2 ML	138 km SE of Sandspit, BC
2011-01-07 14:01:19	52.070	-131.310	20.0	2.1 ML	135 km SSE of Sandspit, BC
2011-01-07 15:57:11	52.025	-131.372	20.0	2.1 ML	139 km SSE of Sandspit, BC
2011-01-11 09:55:23	53.332	-131.338	0.0	2.0 ML	33 km E of Sandspit, BC
2011-01-12 14:58:59	52.532	-132.061	20.0	2.0 ML	81 km SSW of Sandspit, BC
2011-01-14 04:03:35	52.465	-131.848	20.0	2.0 ML	87 km S of Sandspit, BC
2011-01-22 18:13:04	52.630	-131.756	20.0	2.4 ML	69 km S of Sandspit, BC
2011-01-23 06:17:46	52.489	-131.935	20.0	2.3 ML	85 km S of Sandspit, BC
2011-01-23 18:02:27	52.173	-131.978	20.0	2.0 ML	120 km S of Sandspit, BC
2011-01-25 00:00:47	51.931	-131.456	20.0	2.2 ML	148 km SSE of Sandspit, BC
2011-02-01 06:47:10	52.291	-131.853	20.0	2.2 ML	106 km S of Sandspit, BC
2011-02-03 16:39:13	53.357	-131.141	5.4	2.3 ML	46 km E of Sandspit, BC

2011-02-11 17:38:52	51.880	-131.771	10.0	2.4 ML	152 km S of Sandspit, BC
2011-02-13 04:47:15	52.057	-131.385	20.0	2.6 ML	135 km SSE of Sandspit, BC
2011-02-16 11:11:18	51.964	-131.348	20.0	3.5 ML	146 km SSE of Sandspit, BC
2011-02-16 12:35:10	51.957	-131.355	20.0	2.1 ML	147 km SSE of Sandspit, BC
2011-02-16 12:56:20	51.952	-131.329	20.0	2.1 ML	148 km SSE of Sandspit, BC
2011-02-16 18:23:27	51.908	-131.228	20.0	2.2 ML	154 km SSE of Sandspit, BC
2011-02-18 01:35:51	51.943	-131.387	20.0	2.4 ML	148 km SSE of Sandspit, BC
2011-02-27 23:23:05	52.761	-132.177	20.0	2.3 ML	59 km SW of Sandspit, BC
2011-02-28 00:36:25	52.742	-132.221	20.0	2.2 ML	62 km SW of Sandspit, BC
2011-02-28 01:55:46	51.917	-131.377	20.0	4.1 Mw	151 km SSE of Sandspit, BC
2011-03-02 01:55:14	51.943	-131.518	20.0	2.7 ML	146 km SSE of Sandspit, BC
2011-03-09 20:13:57	51.869	-131.498	20.0	2.4 ML	155 km SSE of Sandspit, BC
2011-03-13 20:47:58	52.428	-131.952	20.0	2.1 ML	92 km S of Sandspit, BC
2011-03-14 02:55:19	53.141	-132.616	20.0	2.5 ML	54 km W of Sandspit, BC
2011-03-17 07:02:33	52.721	-132.294	20.0	2.2 ML	66 km SW of Sandspit, BC
2011-03-17 07:11:46	53.098	-132.789	20.0	3.8 ML	67 km W of Sandspit, BC
2011-03-17 08:45:29	51.868	-131.795	20.0	2.3 ML	153 km S of Sandspit, BC
2011-03-20 21:13:59	52.008	-132.163	20.0	2.2 ML	140 km SSW of Sandspit, BC
2011-03-25 09:28:18	52.335	-132.076	20.0	2.2 ML	103 km SSW of Sandspit, BC
2011-03-28 21:26:58	52.078	-131.591	20.0	2.0 ML	131 km S of Sandspit, BC
2011-04-01 16:06:16	52.240	-132.108	20.0	2.1 ML	114 km SSW of Sandspit, BC
2011-04-08 11:56:21	51.922	-131.338	20.0	2.2 ML	151 km SSE of Sandspit, BC
2011-04-10 00:50:24	53.007	-132.674	20.0	2.0 ML	63 km WSW of Sandspit, BC
2011-04-10 15:31:17	51.950	-131.859	20.0	2.2 ML	147 km S of Village of Queen Charlotte, BC
2011-04-11 00:52:24	51.843	-131.871	20.0	2.1 ML	156 km S of Sandspit, BC
2011-04-12 19:20:27	51.950	-131.694	20.0	2.1 ML	144 km S of Sandspit, BC
2011-04-17 03:26:05	52.472	-131.797	20.0	2.6 ML	86 km S of Sandspit, BC
2011-04-24 14:34:17	52.080	-132.190	20.0	2.0 ML	132 km SSW of Sandspit, BC
2011-04-25 18:42:41	52.219	-131.812	20.0	2.8 ML	114 km S of Sandspit, BC
2011-04-25 22:18:19	52.355	-131.759	20.0	2.2 ML	99 km S of Sandspit, BC
2011-04-25 22:28:45	52.357	-131.732	20.0	2.0 ML	99 km S of Sandspit, BC
2011-04-29 20:16:07	51.849	-131.538	20.0	2.8 ML	157 km SSE of Sandspit, BC
2011-05-03 21:05:58	53.113	-132.629	20.0	2.6 ML	56 km W of Sandspit, BC
2011-05-07 02:44:58	52.034	-131.051	20.0	2.1 ML	144 km SSE of Sandspit, BC
2011-05-10 22:01:50	52.460	-131.807	20.0	2.0 ML	87 km S of Sandspit, BC
2011-05-12 04:18:57	51.877	-131.280	20.0	2.0 ML	157 km SSE of Sandspit, BC
2011-05-16 05:59:52	52.042	-132.051	20.0	4.6 Mw	135 km S of Sandspit, BC

2011-05-16 06:03:37	52.060	-132.066	20.0	2.3 ML	133 km SSW of Sandspit, BC
2011-05-16 06:07:14	52.060	-132.023	20.0	2.5 ML	133 km S of Sandspit, BC
2011-05-16 06:23:21	52.057	-132.019	20.0	2.2 ML	133 km S of Sandspit, BC
2011-05-16 08:28:33	52.061	-132.023	20.0	3.1 ML	133 km S of Sandspit, BC
2011-05-21 08:27:26	51.916	-131.837	20.0	2.5 ML	148 km S of Sandspit, BC
2011-05-21 08:32:25	51.852	-131.802	20.0	2.5 ML	155 km S of Sandspit, BC
2011-05-26 23:28:21	51.942	-131.405	20.0	2.1 ML	148 km SSE of Sandspit, BC
2011-05-28 00:56:16	52.172	-131.739	20.0	2.0 ML	120 km S of Sandspit, BC
2011-05-31 10:59:51	51.912	-131.383	20.0	2.0 ML	151 km SSE of Sandspit, BC
2011-06-01 04:58:54	53.051	-132.728	20.0	2.1 ML	64 km WSW of Sandspit, BC
2011-06-01 10:19:26	52.641	-132.106	20.0	2.3 ML	70 km SSW of Sandspit, BC
2011-06-03 22:59:54	52.536	-132.233	20.0	4.0 Mw	84 km SSW of Sandspit, BC
2011-06-08 16:59:42	51.888	-131.500	20.0	3.9 ML	153 km SSE of Sandspit, BC
2011-06-08 18:03:32	51.953	-131.400	20.0	2.1 ML	147 km SSE of Sandspit, BC
2011-06-09 12:37:26	52.816	-132.417	20.0	2.1 ML	62 km SW of Sandspit, BC
2011-06-17 02:22:19	51.737	-131.618	20.0	4.9 Mw	168 km S of Sandspit, BC
2011-06-17 06:08:58	53.082	-132.789	20.0	2.1 ML	67 km W of Sandspit, BC
2011-06-18 00:46:52	53.166	-132.532	20.0	2.5 ML	48 km W of Sandspit, BC
2011-06-21 01:08:30	51.766	-131.801	20.0	2.9 ML	165 km S of Sandspit, BC
2011-06-28 01:34:11	51.937	-131.418	20.0	2.4 ML	148 km SSE of Sandspit, BC
2011-07-02 08:42:25	52.034	-131.731	20.0	2.4 ML	135 km S of Sandspit, BC
2011-07-03 15:45:08	52.538	-132.296	20.0	2.9 ML	85 km SW of Sandspit, BC
2011-07-04 14:38:39	51.983	-132.099	20.0	2.0 ML	142 km SSW of Sandspit, BC
2011-07-10 01:24:58	52.680	-133.190	20.0	3.4 ML	111 km WSW of Sandspit, BC
2011-07-14 08:09:19	52.599	-132.236	20.0	2.3 ML	77 km SSW of Sandspit, BC
2011-07-17 10:44:49	51.893	-131.987	20.0	2.3 ML	151 km S of Sandspit, BC
2011-07-21 16:40:48	52.044	-131.305	20.0	2.1 ML	138 km SSE of Sandspit, BC
2011-07-21 18:53:55	52.619	-132.155	20.0	3.3 ML	73 km SSW of Sandspit, BC
2011-07-22 05:44:39	52.632	-132.130	20.0	2.2 ML	71 km SSW of Sandspit, BC
2011-07-27 00:38:19	52.853	-132.358	20.0	2.0 ML	57 km SW of Sandspit, BC
2011-07-27 17:42:10	52.297	-131.678	20.0	2.0 ML	106 km S of Sandspit, BC
2011-07-27 21:07:46	52.245	-131.780	20.0	3.0 ML	111 km S of Sandspit, BC
2011-07-29 07:37:52	52.949	-132.578	20.0	3.3 ML	60 km WSW of Sandspit, BC
2011-07-30 01:55:26	52.952	-132.554	20.0	2.1 ML	59 km WSW of Sandspit, BC
2011-07-30 20:13:05	51.837	-131.716	20.0	2.1 ML	157 km S of Sandspit, BC
2011-08-20 11:36:09	51.823	-131.175	20.0	2.0 ML	164 km SSE of Sandspit, BC
2011-08-27 03:58:42	53.081	-132.898	10.0	2.1 ML	74 km W of Sandspit, BC
2011-08-27 12:36:13	52.559	-133.024	20.0	2.0 ML	111 km WSW of Sandspit, BC

2011-09-07 18:41:53	53.155	-132.506	20.0	2.0 ML	47 km W of Sandspit, BC
2011-09-16 03:23:34	51.861	-131.189	20.0	2.0 ML	160 km SSE of Sandspit, BC
2011-09-18 12:27:02	52.719	-133.165	20.0	2.2 ML	107 km WSW of Sandspit, BC
2011-09-19 21:11:30	52.643	-132.267	20.0	2.6 ML	74 km SW of Sandspit, BC
2011-09-19 21:41:17	52.560	-132.756	20.0	2.8 ML	99 km SW of Sandspit, BC
2011-09-22 07:35:58	51.857	-131.499	20.0	2.5 ML	156 km SSE of Sandspit, BC
2011-09-22 08:33:23	53.010	-132.641	20.0	2.0 ML	61 km WSW of Sandspit, BC
2011-09-25 11:08:49	51.942	-131.403	20.0	2.3 ML	148 km SSE of Sandspit, BC
2011-09-27 22:14:37	51.975	-132.103	20.0	2.5 ML	143 km SSW of Sandspit, BC
2011-09-30 15:52:32	52.118	-131.403	20.0	2.4 ML	129 km SSE of Sandspit, BC
2011-10-01 03:17:51	52.448	-131.893	20.0	2.3 ML	89 km S of Sandspit, BC
2011-10-14 00:50:00	53.467	-131.689	15.1	2.9 ML	25 km NNE of Sandspit, BC
2011-10-16 01:39:26	53.473	-131.647	1.0	2.3 ML	27 km NE of Sandspit, BC
2011-10-30 00:47:41	52.532	-131.819	20.0	2.1 ML	79 km S of Sandspit, BC
2011-11-01 23:08:56	52.401	-131.568	20.0	2.1 ML	95 km SSE of Sandspit, BC
2011-11-03 08:00:17	53.350	-131.624	19.9	2.0 ML	17 km ENE of Sandspit, BC
2011-11-03 08:01:15	53.371	-131.513	1.0	2.1 ML	24 km ENE of Sandspit, BC
2011-11-03 22:40:05	51.961	-131.278	20.0	2.4 ML	148 km SSE of Sandspit, BC
2011-11-10 12:16:45	53.112	-132.762	20.0	3.2 ML	64 km W of Sandspit, BC
2011-11-10 12:48:08	53.121	-132.630	20.0	3.9 ML	56 km W of Sandspit, BC
2011-11-13 09:18:26	53.265	-132.599	20.0	2.2 ML	52 km W of Sandspit, BC
2011-11-24 20:10:09	52.880	-132.132	20.0	3.1 ML	46 km SW of Sandspit, BC
2011-11-24 22:53:17	52.832	-132.256	20.0	2.1 ML	55 km SW of Sandspit, BC
2011-12-18 23:36:35	52.538	-131.526	21.7	2.2 ML	81 km SSE of Sandspit, BC
2012-01-06 05:14:04	52.645	-132.000	20.0	2.4 ML	68 km SSW of Sandspit, BC
2012-01-11 16:02:18	52.444	-131.307	20.0	2.8 ML	96 km SSE of Sandspit, BC
2012-01-13 07:46:51	51.906	-131.791	20.0	2.7 ML	149 km S of Sandspit, BC
2012-01-19 09:31:14	52.530	-131.508	20.0	2.0 ML	82 km SSE of Sandspit, BC
2012-01-21 10:20:27	53.352	-131.621	20.0	2.3 ML	17 km ENE of Sandspit, BC
2012-01-26 20:14:58	52.374	-131.773	20.0	2.2 ML	97 km S of Sandspit, BC
2012-01-29 02:01:45	52.379	-132.092	20.0	4.0 ML	98 km SSW of Sandspit, BC
2012-02-01 08:10:42	52.657	-131.819	20.0	2.1 ML	66 km S of Sandspit, BC
2012-02-01 08:22:26	52.663	-131.811	20.0	3.3 ML	65 km S of Sandspit, BC
2012-02-27 04:50:39	51.865	-131.476	20.0	2.1 ML	155 km SSE of Sandspit, BC
2012-02-28 17:35:30	52.472	-131.313	20.0	2.4 ML	93 km SSE of Sandspit, BC
2012-03-03 07:10:02	52.677	-131.880	20.0	2.0 ML	63 km S of Sandspit, BC
2012-03-23 17:06:50	53.088	-132.688	20.0	2.7 ML	60 km W of Sandspit, BC
2012-04-10 00:39:31	52.515	-131.943	20.0	2.5 ML	82 km S of Sandspit, BC

2012-04-13 12:00:29	52.180	-131.611	20.0	2.8 ML	119 km S of Sandspit, BC
2012-04-14 07:23:20	51.767	-131.503	20.0	2.4 ML	166 km SSE of Sandspit, BC
2012-04-29 01:10:44	52.868	-132.225	20.0	2.2 ML	50 km SW of Sandspit, BC
2012-04-30 08:58:46	51.999	-131.232	20.0	2.8 ML	144 km SSE of Sandspit, BC
2012-05-15 23:02:13	52.459	-132.096	20.0	2.2 ML	89 km SSW of Sandspit, BC
2012-05-30 09:42:10	51.893	-131.782	20.0	3.3 ML	151 km S of Sandspit, BC
2012-06-06 03:12:05	52.477	-131.320	20.0	2.3 ML	92 km SSE of Sandspit, BC
2012-06-10 15:32:09	52.295	-131.867	20.0	2.1 ML	106 km S of Sandspit, BC
2012-06-12 08:49:26	52.374	-131.839	20.0	2.0 ML	97 km S of Sandspit, BC
2012-06-15 20:54:34	52.673	-131.703	18.0	2.9 ML	64 km S of Sandspit, BC
2012-06-28 14:36:55	52.564	-131.839	19.6	2.0 ML	76 km S of Sandspit, BC
2012-08-24 15:28:38	52.477	-130.872	20.0	2.1 ML	106 km SE of Sandspit, BC
2012-09-01 16:05:48	52.915	-132.435	20.0	2.2 ML	55 km WSW of Sandspit, BC
2012-09-01 16:09:22	52.873	-132.607	20.0	2.2 ML	67 km WSW of Sandspit, BC
2012-09-01 16:15:44	52.910	-132.446	20.0	2.3 ML	56 km WSW of Sandspit, BC
2012-09-01 17:18:19	52.925	-132.411	20.0	2.5 ML	53 km WSW of Sandspit, BC
2012-09-04 09:39:32	51.978	-131.310	20.0	2.0 ML	145 km SSE of Sandspit, BC
2012-09-11 07:56:04	52.326	-131.757	20.0	2.7 ML	102 km S of Sandspit, BC
2012-09-28 16:18:22	52.859	-132.425	20.0	2.7 ML	59 km WSW of Sandspit, BC
2012-10-01 13:42:05	52.920	-132.583	20.0	2.2 ML	63 km WSW of Sandspit, BC
2012-10-18 02:31:31	52.340	-131.906	20.0	2.0 ML	101 km S of Sandspit, BC
2012-10-21 00:57:12	53.344	-132.258	20.0	2.9 ML	31 km WNW of Sandspit, BC
2012-10-28 03:04:06	52.547	-132.243	23.2	7.8 Mw	80 km S of Village of Queen Charlotte, BC
2012-10-28 03:32:39	52.545	-131.834	19.7	4.3 ML	78 km S of Sandspit, BC
2012-10-28 03:38:10	52.481	-131.814	26.0	4.8 ML	85 km S of Sandspit, BC
2012-10-28 03:52:15	52.236	-132.230	17.7	5.5 Mw	116 km SSW of Sandspit, BC
2012-10-28 04:21:52	52.524	-131.847	20.0	4.0 ML	80 km S of Sandspit, BC
2012-10-28 04:29:49	52.522	-131.803	20.0	3.7 ML	81 km S of Sandspit, BC
2012-10-28 04:40:58	52.346	-132.338	10.0	5.3 Mw	106 km SSW of Sandspit, BC
2012-10-28 04:49:10	52.477	-131.881	15.8	4.4 ML	86 km S of Sandspit, BC
2012-10-28 04:51:47	52.532	-132.059	12.5	4.3 ML	81 km SSW of Sandspit, BC
2012-10-28 04:53:14	52.639	-131.965	1.0	4.3 ML	68 km SSW of Sandspit, BC
2012-10-28 05:02:46	52.330	-132.026	24.0	4.9 ML	103 km SSW of Sandspit, BC
2012-10-28 05:15:09	52.188	-132.261	21.4	4.4 ML	121 km SSW of Sandspit, BC
2012-10-28 05:21:31	52.390	-131.820	30.1	4.3 ML	95 km S of Sandspit, BC
2012-10-28 05:47:02	52.217	-131.663	1.0	5.2 Mw	115 km S of Sandspit, BC
2012-10-28 06:16:48	52.190	-131.263	2.8	5.2 Mw	123 km SSE of Sandspit, BC

2012-10-28 07:12:08	52.389	-132.135	28.6	4.9 Mw	98 km SSW of Sandspit, BC
2012-10-28 07:16:34	52.598	-132.633	23.9	4.2 ML	90 km SW of Sandspit, BC
2012-10-28 07:25:16	52.106	-131.675	11.8	5.2 Mw	127 km S of Sandspit, BC
2012-10-28 09:17:26	52.167	-131.880	10.7	5.3 Mw	120 km S of Sandspit, BC
2012-10-28 09:45:36	52.771	-132.339	20.5	4.9 Mw	63 km SW of Sandspit, BC
2012-10-28 10:45:49	52.535	-132.547	0.5	5.1 Mw	93 km SW of Sandspit, BC
2012-10-28 11:27:42	52.255	-132.296	24.5	5.2 Mw	115 km SSW of Sandspit, BC
2012-10-28 11:53:18	52.348	-132.391	24.0	5.1 Mw	107 km SSW of Sandspit, BC
2012-10-28 13:09:12	52.248	-132.168	28.6	5.1 Mw	114 km SSW of Sandspit, BC
2012-10-28 14:41:00	52.498	-132.342	18.4	3.9 ML	90 km SW of Sandspit, BC
2012-10-28 16:17:01	52.346	-131.693	20.7	4.5 Mw	101 km S of Sandspit, BC
2012-10-28 17:34:50	52.647	-132.128	21.7	4.1 ML	70 km SSW of Sandspit, BC
2012-10-28 18:54:16	52.480	-132.793	20.0	6.3 mb	107 km SW of Sandspit, BC
2012-10-28 18:57:30	52.561	-132.567	26.6	5.3 Mw	91 km SW of Sandspit, BC
2012-10-28 19:01:53	52.233	-132.807	24.9	4.8 ML	131 km SW of Sandspit, BC
2012-10-28 19:03:21	52.727	-132.524	31.6	5.4 Mw	75 km SW of Sandspit, BC
2012-10-28 19:09:44	52.468	-132.512	8.9	5.6 Mw	98 km SW of Sandspit, BC
2012-10-28 19:16:48	52.479	-132.659	16.2	5.2 Mw	102 km SW of Sandspit, BC
2012-10-28 20:02:42	52.302	-132.178	32.3	4.3 ML	108 km SSW of Sandspit, BC
2012-10-28 21:38:24	52.961	-132.799	9.8	4.7 Mw	73 km WSW of Sandspit, BC
2012-10-28 22:41:24	52.155	-132.267	18.1	4.4 ML	125 km SSW of Sandspit, BC
2012-10-28 23:24:36	52.513	-132.202	13.9	4.1 ML	86 km SSW of Sandspit, BC
2012-10-28 23:26:48	52.597	-132.587	26.1	4.7 Mw	89 km SW of Sandspit, BC
2012-10-28 23:31:41	52.483	-131.829	22.3	4.2 ML	85 km S of Sandspit, BC
2012-10-28 23:34:20	52.445	-132.468	23.9	4.7 Mw	99 km SW of Sandspit, BC
2012-10-29 01:48:57	52.275	-132.398	18.0	5.1 Mw	115 km SSW of Sandspit, BC
2012-10-29 20:49:42	52.164	-131.699	13.7	4.9 Mw	121 km S of Sandspit, BC
2012-10-30 02:48:58	52.129	-132.321	18.6	6.1 Mw	129 km SSW of Sandspit, BC
2012-10-30 02:55:08	52.222	-132.117	19.2	5.3 Mw	116 km SSW of Sandspit, BC
2012-10-30 03:08:28	52.909	-132.355	20.0	2.9 ML	52 km WSW of Sandspit, BC
2012-10-30 03:10:38	52.733	-132.883	20.0	3.1 ML	91 km WSW of Sandspit, BC
2012-10-30 04:40:10	52.080	-132.072	18.4	5.0 Mw	131 km SSW of Sandspit, BC
2012-10-30 14:10:57	52.142	-132.085	28.2	5.1 Mw	124 km SSW of Sandspit, BC
2012-10-31 04:48:38	52.366	-132.550	10.0	4.7 Mw	110 km SW of Sandspit, BC
2012-10-31 05:16:43	52.229	-132.190	11.7	3.4 ML	116 km SSW of Sandspit, BC
2012-10-31 09:15:46	52.556	-131.920	10.0	3.9 ML	77 km S of Sandspit, BC
2012-10-31 12:17:10	52.038	-132.162	10.0	3.5 ML	136 km SSW of Sandspit, BC
2012-10-31 16:25:27	52.653	-132.973	10.0	4.0 ML	102 km WSW of Sandspit, BC

2012-11-01 00:06:48	52.829	-132.900	35.8	2.7 ML	86 km WSW of Sandspit, BC
2012-11-01 00:07:54	52.665	-132.814	29.0	3.1 ML	93 km WSW of Sandspit, BC
2012-11-01 03:15:56	52.294	-132.271	24.6	5.2 Mw	110 km SSW of Sandspit, BC
2012-11-01 03:27:10	52.241	-132.246	19.8	4.6 Mw	115 km SSW of Sandspit, BC
2012-11-01 17:34:45	52.862	-132.832	26.0	4.4 Mw	80 km WSW of Sandspit, BC
2012-11-02 07:15:41	52.240	-131.902	19.1	4.5 Mw	112 km S of Sandspit, BC
2012-11-02 08:15:11	52.243	-132.279	23.9	3.8 ML	116 km SSW of Sandspit, BC
2012-11-02 08:19:55	52.184	-132.308	20.0	5.0 Mw	123 km SSW of Sandspit, BC
2012-11-02 08:37:07	52.261	-132.330	20.0	4.8 Mw	115 km SSW of Sandspit, BC
2012-11-03 04:25:16	52.345	-132.267	31.2	4.5 Mw	105 km SSW of Sandspit, BC
2012-11-03 09:48:22	52.563	-132.410	29.6	3.9 ML	86 km SW of Sandspit, BC
2012-11-03 12:18:42	52.395	-132.392	26.2	4.6 Mw	102 km SW of Sandspit, BC
2012-11-03 17:25:51	52.282	-132.720	20.0	3.7 ML	123 km SW of Sandspit, BC
2012-11-03 17:49:09	52.325	-132.372	25.7	4.5 Mw	109 km SSW of Sandspit, BC
2012-11-04 05:07:47	52.317	-131.946	18.2	4.3 Mw	104 km S of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.6 ML	83 km SSW of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.5 Mw	83 km SSW of Sandspit, BC
2012-11-04 09:14:17	52.766	-132.201	24.8	3.8 ML	59 km SW of Sandspit, BC
2012-11-04 12:05:28	52.625	-132.965	26.9	3.6 ML	103 km WSW of Sandspit, BC
2012-11-04 12:27:36	52.428	-131.811	39.2	5.1 Mw	91 km S of Sandspit, BC
2012-11-04 13:17:07	52.235	-132.251	30.2	3.8 ML	116 km SSW of Sandspit, BC
2012-11-04 18:27:16	52.463	-132.421	8.9	4.8 Mw	96 km SW of Sandspit, BC
2012-11-06 10:26:59	52.166	-131.536	14.9	4.7 Mw	122 km SSE of Sandspit, BC
2012-11-06 15:47:10	52.539	-133.024	19.8	4.1 Mw	113 km WSW of Sandspit, BC
2012-11-07 15:04:21	52.646	-132.872	27.0	4.5 Mw	97 km WSW of Sandspit, BC
2012-11-09 06:29:07	52.603	-131.801	10.2	2.8 ML	72 km S of Sandspit, BC
2012-11-12 06:50:40	52.154	-131.803	31.1	4.3 Mw	121 km S of Sandspit, BC
2012-11-12 07:25:58	52.157	-131.726	34.0	4.2 Mw	121 km S of Sandspit, BC
2012-11-13 04:55:45	52.705	-132.033	22.3	5.1 Mw	62 km SSW of Sandspit, BC
2012-11-13 07:34:17	52.757	-132.463	42.8	4.7 Mw	69 km SW of Sandspit, BC
2012-11-15 12:32:25	52.226	-132.094	38.7	3.3 ML	115 km SSW of Sandspit, BC
2012-11-15 14:28:45	52.755	-132.173	24.8	3.8 ML	60 km SW of Sandspit, BC
2012-11-15 15:16:32	52.288	-132.200	29.6	3.1 ML	110 km SSW of Sandspit, BC
2012-11-17 08:44:09	52.322	-132.089	36.1	3.2 ML	104 km SSW of Sandspit, BC
2012-11-17 13:46:22	52.145	-131.697	17.3	3.2 ML	123 km S of Sandspit, BC
2012-11-17 14:18:14	52.162	-132.323	28.6	3.7 ML	125 km SSW of Sandspit, BC
2012-11-18 04:47:46	52.372	-131.874	10.8	3.3 ML	97 km S of Sandspit, BC
2012-11-18 11:41:05	52.268	-132.338	24.3	3.8 ML	114 km SSW of Sandspit, BC

2012-11-18 17:04:47	52.435	-132.358	35.1	3.6 ML	97 km SSW of Sandspit, BC
2012-11-19 12:33:17	52.138	-132.022	0.7	3.1 ML	124 km S of Sandspit, BC
2012-11-19 16:03:46	52.797	-132.210	25.4	3.2 ML	56 km SW of Sandspit, BC
2012-11-19 20:45:48	52.795	-132.315	23.8	2.7 ML	60 km SW of Sandspit, BC
2012-11-19 21:02:19	52.832	-132.373	21.8	3.4 ML	59 km SW of Sandspit, BC
2012-11-19 23:07:59	52.734	-132.227	25.2	2.9 ML	63 km SW of Sandspit, BC
2012-11-19 23:33:32	52.640	-132.800	32.8	3.0 ML	94 km WSW of Sandspit, BC
2012-11-21 14:46:30	52.309	-131.917	40.7	3.8 ML	104 km S of Sandspit, BC
2012-11-22 01:02:25	52.257	-132.094	34.5	3.2 ML	112 km SSW of Sandspit, BC
2012-11-22 03:22:00	52.860	-132.383	13.0	2.8 ML	57 km SW of Sandspit, BC
2012-11-22 04:05:46	52.261	-132.149	33.2	3.0 ML	112 km SSW of Sandspit, BC
2012-11-22 13:02:42	52.837	-132.344	12.1	3.8 ML	57 km SW of Sandspit, BC
2012-11-23 00:15:36	52.362	-132.359	36.6	3.4 ML	105 km SSW of Sandspit, BC
2012-11-23 04:47:18	52.225	-132.143	30.6	3.4 ML	116 km SSW of Sandspit, BC
2012-11-23 12:35:09	52.831	-132.406	23.0	3.6 ML	61 km SW of Sandspit, BC
2012-11-23 15:33:37	52.734	-132.234	21.3	3.7 ML	63 km SW of Sandspit, BC
2012-11-26 00:46:42	52.532	-131.899	17.1	2.7 ML	80 km S of Sandspit, BC
2012-11-26 05:46:51	52.720	-132.097	10.0	2.8 ML	61 km SSW of Sandspit, BC
2012-11-26 15:52:55	52.541	-131.897	18.9	2.9 ML	79 km S of Sandspit, BC
2012-11-26 16:45:55	52.523	-131.883	20.1	3.1 ML	81 km S of Sandspit, BC
2012-11-26 21:12:33	52.242	-131.594	25.7	2.5 ML	113 km SSE of Sandspit, BC
2012-11-27 04:10:08	52.590	-131.989	20.3	2.9 ML	74 km SSW of Sandspit, BC
2012-11-30 01:59:36	52.586	-131.998	12.6	3.4 ML	74 km SSW of Sandspit, BC
2012-11-30 03:03:13	53.011	-132.517	22.2	4.5 Mw	53 km WSW of Sandspit, BC
2012-11-30 11:40:46	52.688	-132.051	18.7	3.0 ML	64 km SSW of Sandspit, BC
2012-11-30 14:42:25	52.614	-131.961	9.9	3.2 ML	71 km SSW of Sandspit, BC
2012-11-30 18:10:47	52.720	-132.085	23.9	2.9 ML	61 km SSW of Sandspit, BC
2012-11-30 21:45:50	52.714	-132.008	12.4	2.7 ML	61 km SSW of Sandspit, BC
2012-12-01 02:32:11	52.279	-132.086	37.7	3.2 ML	109 km SSW of Sandspit, BC
2012-12-01 05:18:12	52.774	-132.179	23.3	3.1 ML	58 km SW of Sandspit, BC
2012-12-01 08:38:45	52.175	-131.807	34.5	2.9 ML	119 km S of Sandspit, BC
2012-12-02 08:41:30	52.684	-132.089	23.9	3.4 ML	65 km SSW of Sandspit, BC
2012-12-02 08:59:03	52.655	-132.744	34.1	2.8 ML	90 km WSW of Sandspit, BC
2012-12-02 12:11:50	52.679	-132.006	25.2	2.9 ML	64 km SSW of Sandspit, BC
2012-12-02 17:56:32	52.690	-132.008	24.3	3.5 ML	63 km SSW of Sandspit, BC
2012-12-03 00:44:45	52.780	-132.294	17.3	2.8 ML	61 km SW of Sandspit, BC
2012-12-03 13:12:13	52.138	-131.287	27.0	3.3 ML	128 km SSE of Sandspit, BC
2012-12-03 13:32:37	52.110	-131.294	26.0	3.1 ML	131 km SSE of Sandspit, BC

2012-12-03 23:07:54	52.820	-132.296	24.6	3.4 ML	57 km SW of Sandspit, BC
2012-12-04 02:01:57	52.221	-132.156	30.9	3.2 ML	116 km SSW of Sandspit, BC
2012-12-04 09:57:24	52.819	-132.318	22.9	3.1 ML	58 km SW of Sandspit, BC
2012-12-04 18:32:00	52.720	-132.176	20.9	4.2 Mw	63 km SW of Sandspit, BC
2012-12-05 08:11:44	52.764	-132.372	24.1	3.5 ML	65 km SW of Sandspit, BC
2012-12-06 05:27:59	52.857	-132.463	21.2	4.6 Mw	61 km WSW of Sandspit, BC
2012-12-06 15:26:53	52.746	-132.244	22.5	3.0 ML	62 km SW of Sandspit, BC
2012-12-06 23:44:39	52.890	-132.672	16.1	3.3 ML	69 km WSW of Sandspit, BC
2012-12-07 00:52:46	52.484	-132.704	19.2	2.6 ML	104 km SW of Sandspit, BC
2012-12-07 02:28:59	52.354	-132.006	16.2	3.2 ML	100 km SSW of Sandspit, BC
2012-12-07 03:00:27	52.370	-132.008	20.1	3.3 ML	98 km SSW of Sandspit, BC
2012-12-07 15:58:53	52.822	-132.376	19.7	3.4 ML	60 km SW of Sandspit, BC
2012-12-08 00:46:26	52.109	-131.781	34.1	3.2 ML	127 km S of Sandspit, BC
2012-12-08 00:47:10	52.681	-132.160	34.1	3.2 ML	67 km SSW of Sandspit, BC
2012-12-08 01:17:52	52.802	-132.354	21.3	3.3 ML	61 km SW of Sandspit, BC
2012-12-08 20:26:05	52.499	-132.637	25.4	3.5 ML	100 km SW of Sandspit, BC
2012-12-09 13:04:08	52.853	-132.324	24.2	4.1 Mw	55 km SW of Sandspit, BC
2012-12-09 15:06:42	52.850	-132.345	22.0	3.5 ML	56 km SW of Sandspit, BC
2012-12-10 00:37:54	52.816	-132.273	10.0	3.5 ML	57 km SW of Sandspit, BC
2012-12-10 07:46:46	53.081	-132.774	21.5	3.0 ML	66 km W of Sandspit, BC
2012-12-10 13:23:06	52.329	-131.849	17.1	3.0 ML	102 km S of Sandspit, BC
2012-12-14 11:34:40	52.547	-132.658	26.8	3.1 ML	96 km SW of Sandspit, BC
2012-12-16 02:50:57	52.720	-132.234	21.4	4.6 Mw	65 km SW of Sandspit, BC
2012-12-16 03:43:50	52.618	-132.795	32.8	2.7 ML	96 km WSW of Sandspit, BC
2012-12-16 04:16:34	52.626	-132.742	33.7	2.6 ML	93 km SW of Sandspit, BC
2012-12-16 05:07:00	52.661	-132.868	32.1	2.8 ML	96 km WSW of Sandspit, BC
2012-12-16 07:54:29	52.558	-132.097	22.1	2.8 ML	79 km SSW of Sandspit, BC
2012-12-16 08:00:28	52.690	-132.214	23.0	3.0 ML	67 km SW of Sandspit, BC
2012-12-16 08:13:21	52.624	-132.456	14.1	2.5 ML	81 km SW of Sandspit, BC
2012-12-16 09:56:02	52.529	-131.971	16.3	2.6 ML	80 km SSW of Sandspit, BC
2012-12-16 16:25:28	52.666	-132.232	17.9	2.5 ML	70 km SW of Sandspit, BC
2012-12-16 23:48:03	52.768	-132.383	22.4	2.6 ML	65 km SW of Sandspit, BC
2012-12-17 00:35:08	52.655	-132.107	15.9	4.8 Mw	69 km SSW of Sandspit, BC
2012-12-17 01:32:28	52.845	-132.349	21.9	2.9 ML	57 km SW of Sandspit, BC
2012-12-17 08:09:08	52.228	-132.171	30.8	2.5 ML	116 km SSW of Sandspit, BC
2012-12-17 08:34:51	51.965	-131.719	22.0	2.8 ML	143 km S of Sandspit, BC
2012-12-17 08:59:40	52.176	-131.355	24.7	2.6 ML	123 km SSE of Sandspit, BC
2012-12-17 16:38:50	52.221	-132.076	31.0	2.5 ML	115 km SSW of Sandspit, BC

2012-12-18 04:07:58	52.496	-131.912	23.2	3.7 ML	84 km S of Sandspit, BC
2012-12-18 06:16:09	52.693	-132.588	34.4	2.7 ML	80 km SW of Sandspit, BC
2012-12-18 08:39:03	52.853	-132.518	25.7	2.5 ML	64 km WSW of Sandspit, BC
2012-12-18 18:57:17	52.599	-132.147	21.6	3.4 ML	75 km SSW of Sandspit, BC
2012-12-18 19:57:08	52.201	-132.211	18.8	4.0 ML	119 km SSW of Sandspit, BC
2012-12-18 22:14:40	52.544	-132.520	34.2	3.3 ML	91 km SW of Sandspit, BC
2012-12-18 23:34:35	52.478	-132.323	23.2	2.5 ML	92 km SSW of Sandspit, BC
2012-12-19 03:42:33	52.809	-132.320	22.1	2.7 ML	59 km SW of Sandspit, BC
2012-12-19 09:54:48	52.102	-131.573	23.5	3.2 ML	128 km SSE of Sandspit, BC
2012-12-19 10:37:01	52.029	-131.903	30.0	2.8 ML	136 km S of Sandspit, BC
2012-12-20 05:14:05	51.952	-131.688	13.6	2.6 ML	144 km S of Sandspit, BC
2012-12-20 08:13:45	52.128	-131.785	34.6	2.6 ML	124 km S of Sandspit, BC
2012-12-20 10:55:12	52.509	-132.631	29.1	2.8 ML	99 km SW of Sandspit, BC
2012-12-20 15:00:15	52.542	-131.935	16.5	3.5 ML	79 km S of Sandspit, BC
2012-12-20 17:13:07	52.518	-131.956	5.0	2.9 ML	81 km S of Sandspit, BC
2012-12-20 19:29:46	52.214	-132.137	31.6	2.6 ML	117 km SSW of Sandspit, BC
2012-12-21 05:43:00	52.223	-132.041	29.7	2.6 ML	115 km SSW of Sandspit, BC
2012-12-21 08:32:12	52.770	-132.242	21.9	2.6 ML	60 km SW of Sandspit, BC
2012-12-21 14:45:38	52.275	-132.255	29.6	2.6 ML	112 km SSW of Sandspit, BC
2012-12-22 03:44:42	52.542	-131.948	13.3	2.5 ML	79 km S of Sandspit, BC
2012-12-22 04:02:48	52.654	-132.100	21.2	3.8 ML	68 km SSW of Sandspit, BC
2012-12-22 05:37:34	52.578	-132.715	27.8	2.7 ML	96 km SW of Sandspit, BC
2012-12-22 06:59:32	52.181	-131.984	31.2	3.1 ML	119 km S of Sandspit, BC
2012-12-22 08:32:10	52.196	-132.021	30.3	2.5 ML	118 km S of Sandspit, BC
2012-12-22 17:46:59	52.498	-131.919	2.4	2.5 ML	84 km S of Sandspit, BC
2012-12-23 06:44:54	52.897	-132.440	22.8	3.3 ML	57 km WSW of Sandspit, BC
2012-12-23 07:53:05	52.552	-132.772	28.0	3.1 ML	100 km SW of Sandspit, BC
2012-12-23 14:22:56	52.738	-132.233	21.6	2.8 ML	63 km SW of Sandspit, BC
2012-12-23 16:57:29	52.255	-132.143	22.8	2.5 ML	112 km SSW of Sandspit, BC
2012-12-23 20:55:10	52.088	-131.416	23.9	2.6 ML	132 km SSE of Sandspit, BC
2012-12-24 01:59:49	52.757	-132.242	21.9	3.4 ML	61 km SW of Sandspit, BC
2012-12-24 07:04:56	52.492	-131.941	13.0	2.5 ML	84 km S of Sandspit, BC
2012-12-24 08:41:15	52.015	-131.355	0.0	3.3 ML	141 km SSE of Sandspit, BC
2012-12-24 16:28:54	52.535	-132.769	23.7	2.9 ML	102 km SW of Sandspit, BC
2012-12-24 19:28:49	52.361	-132.651	21.8	2.7 ML	113 km SW of Sandspit, BC
2012-12-25 03:37:46	52.775	-132.271	22.5	2.6 ML	60 km SW of Sandspit, BC
2012-12-25 08:00:17	52.778	-132.299	23.3	3.1 ML	61 km SW of Sandspit, BC
2012-12-25 08:40:13	52.575	-131.944	11.6	2.7 ML	75 km S of Sandspit, BC

2012-12-25 11:42:35	52.574	-132.050	16.0	2.6 ML	76 km SSW of Sandspit, BC
2012-12-26 15:50:58	52.235	-132.267	30.2	3.2 ML	116 km SSW of Sandspit, BC
2012-12-26 21:40:00	52.509	-131.882	12.1	3.2 ML	82 km S of Sandspit, BC
2012-12-27 07:33:26	52.304	-132.232	35.6	2.5 ML	108 km SSW of Sandspit, BC
2012-12-27 17:08:21	52.758	-132.304	23.7	3.1 ML	63 km SW of Sandspit, BC
2012-12-27 20:21:41	52.638	-132.100	22.1	2.6 ML	70 km SSW of Sandspit, BC
2012-12-27 22:27:00	52.546	-131.954	11.7	3.2 ML	78 km S of Sandspit, BC
2012-12-28 23:25:48	52.511	-131.912	17.7	2.5 ML	82 km S of Sandspit, BC
2013-01-01 02:32:08	52.327	-131.702	13.1	2.8 ML	103 km S of Sandspit, BC
2013-01-01 07:34:57	52.020	-131.988	22.3	3.0 ML	137 km S of Sandspit, BC
2013-01-04 09:05:07	52.732	-132.244	22.0	3.5 ML	64 km SW of Sandspit, BC
2013-01-05 19:39:51	52.612	-132.705	32.1	3.5 ML	92 km SW of Sandspit, BC
2013-01-08 12:40:22	52.440	-132.484	27.3	3.5 ML	100 km SW of Sandspit, BC
2013-01-11 04:58:40	52.535	-131.910	8.5	3.7 ML	79 km S of Sandspit, BC
2013-01-11 08:23:41	52.531	-131.929	10.3	3.8 ML	80 km S of Sandspit, BC
2013-01-11 10:12:17	52.552	-131.908	16.0	2.5 ML	77 km S of Sandspit, BC
2013-01-11 11:30:30	52.566	-131.962	8.0	3.4 ML	76 km SSW of Sandspit, BC
2013-01-12 07:34:52	52.543	-131.917	10.3	3.3 ML	78 km S of Sandspit, BC
2013-01-14 03:23:30	52.755	-132.250	17.3	3.0 ML	62 km SW of Sandspit, BC
2013-01-16 10:47:01	52.502	-132.436	34.6	3.5 ML	93 km SW of Sandspit, BC
2013-01-17 23:43:14	52.547	-131.968	21.0	3.2 ML	78 km SSW of Sandspit, BC
2013-01-18 22:10:50	52.307	-131.560	20.4	2.6 ML	106 km SSE of Sandspit, BC
2013-01-21 02:28:58	52.650	-132.084	21.7	2.8 ML	69 km SSW of Sandspit, BC
2013-01-22 06:45:21	52.317	-132.226	26.0	3.0 ML	107 km SSW of Sandspit, BC
2013-01-28 04:43:14	52.554	-131.969	12.8	3.1 ML	78 km SSW of Sandspit, BC
2013-01-28 18:10:39	52.129	-131.780	21.5	3.0 ML	124 km S of Sandspit, BC
2013-02-02 03:15:22	52.172	-131.980	28.8	2.9 ML	120 km S of Sandspit, BC
2013-02-02 03:23:00	52.350	-131.667	23.3	3.2 ML	100 km S of Sandspit, BC
2013-02-02 03:40:39	52.795	-132.219	24.1	3.1 ML	57 km SW of Sandspit, BC
2013-02-03 10:34:42	52.729	-132.291	20.0	3.6 ML	66 km SW of Sandspit, BC
2013-02-05 22:04:54	52.593	-132.012	22.4	2.8 ML	74 km SSW of Sandspit, BC
2013-02-06 21:54:58	52.480	-132.491	26.4	3.7 ML	96 km SW of Sandspit, BC
2013-02-07 00:23:34	52.800	-132.351	23.3	3.5 ML	61 km SW of Sandspit, BC
2013-02-08 03:16:00	52.128	-132.435	21.3	3.5 ML	131 km SSW of Sandspit, BC
2013-02-10 06:02:44	52.757	-132.255	22.5	3.1 ML	62 km SW of Sandspit, BC
2013-02-10 08:43:16	52.675	-132.146	20.3	3.3 ML	67 km SSW of Sandspit, BC
2013-02-10 18:13:22	52.371	-131.901	9.0	2.7 ML	97 km S of Sandspit, BC
2013-02-11 11:04:32	52.795	-132.322	24.9	3.5 ML	60 km SW of Sandspit, BC

2013-02-11 16:41:17	52.176	-132.106	31.8	3.7 ML	121 km SSW of Sandspit, BC
2013-02-12 19:12:13	52.665	-132.085	19.4	2.9 ML	67 km SSW of Sandspit, BC
2013-02-13 01:48:32	52.657	-132.111	20.6	3.6 ML	68 km SSW of Sandspit, BC
2013-02-15 07:25:35	52.757	-132.224	22.4	3.2 ML	61 km SW of Sandspit, BC
2013-02-15 15:35:56	52.644	-132.127	19.1	2.7 ML	70 km SSW of Sandspit, BC
2013-02-18 06:14:15	52.576	-132.005	13.3	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 06:22:28	52.572	-132.003	13.2	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 12:17:23	52.732	-132.449	21.9	2.6 ML	71 km SW of Sandspit, BC
2013-02-20 15:31:14	52.820	-132.350	8.5	3.0 ML	59 km SW of Sandspit, BC
2013-02-21 09:41:36	52.564	-131.993	18.6	3.1 ML	77 km SSW of Sandspit, BC
2013-02-21 15:39:57	52.205	-132.056	33.7	2.9 ML	117 km SSW of Sandspit, BC
2013-02-21 18:45:50	52.804	-132.331	22.7	3.2 ML	60 km SW of Sandspit, BC
2013-02-24 12:14:41	52.660	-132.152	24.0	3.4 ML	69 km SSW of Sandspit, BC
2013-02-24 15:32:40	52.736	-132.268	23.8	3.9 ML	64 km SW of Sandspit, BC
2013-02-25 13:41:26	52.688	-132.250	22.4	4.9 Mw	68 km SW of Sandspit, BC
2013-02-27 12:53:45	52.480	-131.899	12.1	3.2 ML	85 km S of Sandspit, BC
2013-03-01 00:50:47	52.258	-131.918	15.0	3.0 ML	110 km S of Sandspit, BC
2013-03-03 09:34:19	52.682	-132.175	20.7	3.2 ML	67 km SSW of Sandspit, BC
2013-03-05 11:09:18	52.757	-132.268	19.2	3.1 ML	62 km SW of Sandspit, BC
2013-03-06 09:05:30	52.620	-132.069	11.9	3.2 ML	72 km SSW of Sandspit, BC
2013-03-07 11:25:01	52.878	-132.986	18.1	3.5 ML	88 km WSW of Sandspit, BC
2013-03-09 11:27:38	52.241	-132.290	24.9	3.2 ML	116 km SSW of Sandspit, BC
2013-03-11 12:37:55	52.736	-132.257	22.4	2.6 ML	64 km SW of Sandspit, BC
2013-03-14 02:16:40	52.605	-132.626	36.0	2.8 ML	89 km SW of Sandspit, BC
2013-03-14 15:41:08	52.677	-132.132	22.6	2.7 ML	67 km SSW of Sandspit, BC
2013-03-14 16:18:38	52.578	-132.655	26.7	3.8 ML	93 km SW of Sandspit, BC
2013-03-15 00:04:58	52.308	-132.285	21.5	4.5 Mw	109 km SSW of Sandspit, BC
2013-03-15 00:46:50	52.312	-132.064	39.7	3.9 ML	105 km SSW of Sandspit, BC
2013-03-15 00:55:40	52.285	-132.043	33.2	4.5 Mw	108 km SSW of Sandspit, BC
2013-03-15 01:04:09	52.267	-132.241	18.8	3.6 ML	113 km SSW of Sandspit, BC
2013-03-15 02:27:57	52.309	-132.276	24.0	4.5 Mw	109 km SSW of Sandspit, BC
2013-03-15 23:05:17	52.270	-132.184	33.6	3.0 ML	111 km SSW of Sandspit, BC
2013-03-16 07:09:22	52.164	-132.382	22.0	3.1 ML	126 km SSW of Sandspit, BC
2013-03-17 18:58:52	52.540	-132.585	26.8	2.6 ML	94 km SW of Sandspit, BC
2013-03-19 19:18:39	52.255	-132.151	23.4	2.8 ML	113 km SSW of Sandspit, BC
2013-03-20 06:38:43	52.857	-132.466	20.4	3.0 ML	61 km WSW of Sandspit, BC
2013-03-20 13:17:55	52.240	-132.140	30.1	3.6 ML	114 km SSW of Sandspit, BC
2013-03-20 21:17:16	52.191	-132.275	23.4	3.3 ML	121 km SSW of Sandspit, BC

2013-03-23 09:15:01	52.729	-132.236	22.3	2.7 ML	64 km SW of Sandspit, BC
2013-03-23 14:35:31	52.522	-131.941	18.4	2.8 ML	81 km S of Sandspit, BC
2013-03-25 16:54:30	52.535	-132.007	10.7	3.7 ML	80 km SSW of Sandspit, BC
2013-03-25 19:21:33	52.569	-131.947	11.8	3.4 ML	76 km S of Sandspit, BC
2013-03-26 01:15:35	52.750	-132.179	22.5	3.3 ML	60 km SW of Sandspit, BC
2013-03-26 15:49:08	52.355	-131.666	24.2	3.7 ML	100 km S of Sandspit, BC
2013-03-31 03:00:07	52.533	-132.737	25.4	3.3 ML	100 km SW of Sandspit, BC
2013-04-09 17:45:46	52.391	-132.101	32.0	3.1 ML	97 km SSW of Sandspit, BC
2013-04-11 11:54:39	52.151	-131.782	33.7	2.5 ML	122 km S of Sandspit, BC
2013-04-13 09:39:31	52.750	-132.222	22.2	4.3 Mw	61 km SW of Sandspit, BC
2013-04-13 10:36:33	52.519	-131.912	3.3	2.9 ML	81 km S of Sandspit, BC
2013-04-14 22:09:26	52.730	-132.266	21.3	3.7 ML	65 km SW of Sandspit, BC
2013-04-17 06:29:25	52.836	-132.213	22.4	2.8 ML	53 km SW of Sandspit, BC
2013-04-18 01:43:16	52.519	-131.939	9.1	2.7 ML	81 km S of Sandspit, BC
2013-04-19 16:54:47	52.642	-132.016	9.5	2.7 ML	68 km SSW of Sandspit, BC
2013-04-19 17:26:26	52.626	-132.030	11.0	2.8 ML	70 km SSW of Sandspit, BC
2013-04-19 22:49:13	52.910	-132.665	14.7	2.8 ML	68 km WSW of Sandspit, BC
2013-04-20 23:43:14	52.526	-131.901	13.4	3.3 ML	80 km S of Sandspit, BC
2013-04-22 11:08:31	52.737	-132.239	20.8	2.7 ML	63 km SW of Sandspit, BC
2013-04-22 22:51:17	52.976	-132.547	25.3	3.1 ML	57 km WSW of Sandspit, BC
2013-04-25 02:02:45	52.970	-132.603	20.0	3.8 ML	61 km WSW of Sandspit, BC
2013-05-01 05:47:27	52.736	-132.226	22.9	2.6 ML	63 km SW of Sandspit, BC
2013-05-06 19:32:28	52.460	-131.776	21.1	2.5 ML	87 km S of Sandspit, BC
2013-05-07 13:42:37	52.785	-132.339	18.5	2.7 ML	62 km SW of Sandspit, BC
2013-05-07 15:34:55	52.322	-132.085	1.4	3.5 ML	104 km SSW of Sandspit, BC
2013-05-07 15:36:37	52.321	-132.094	0.0	3.7 ML	105 km SSW of Sandspit, BC
2013-05-09 13:31:52	52.820	-132.262	24.4	3.3 ML	56 km SW of Sandspit, BC
2013-05-09 15:00:42	52.774	-132.238	19.9	2.5 ML	59 km SW of Sandspit, BC
2013-05-10 06:30:24	52.137	-131.839	32.3	2.9 ML	123 km S of Sandspit, BC
2013-05-10 08:27:21	52.585	-132.037	23.3	2.6 ML	75 km SSW of Sandspit, BC
2013-05-14 05:15:49	52.829	-132.370	18.6	2.7 ML	59 km SW of Sandspit, BC
2013-05-14 12:29:58	52.758	-132.259	21.1	2.7 ML	62 km SW of Sandspit, BC
2013-05-14 16:22:11	52.792	-132.335	20.9	2.6 ML	61 km SW of Sandspit, BC
2013-05-15 12:17:37	52.503	-131.916	18.5	2.7 ML	83 km S of Sandspit, BC
2013-05-16 02:19:35	52.593	-132.067	21.8	2.6 ML	75 km SSW of Sandspit, BC
2013-05-16 09:11:38	52.164	-131.396	24.0	2.7 ML	124 km SSE of Sandspit, BC
2013-05-20 08:51:45	52.967	-132.628	22.4	3.4 ML	62 km WSW of Sandspit, BC
2013-06-07 18:36:44	52.180	-131.381	21.3	2.7 ML	122 km SSE of Sandspit, BC

2013-06-07 18:46:04	52.492	-132.555	23.8	2.9 ML	97 km SW of Sandspit, BC
2013-06-11 03:55:54	52.275	-131.816	20.4	2.9 ML	108 km S of Sandspit, BC
2013-06-12 19:32:20	52.798	-132.344	24.2	3.4 ML	61 km SW of Sandspit, BC
2013-06-18 13:51:21	52.605	-132.738	33.5	2.5 ML	94 km SW of Sandspit, BC
2013-06-18 13:58:01	52.643	-132.720	33.5	2.5 ML	90 km SW of Sandspit, BC
2013-06-24 23:40:06	52.726	-132.245	21.9	2.8 ML	65 km SW of Sandspit, BC
2013-06-25 06:31:55	52.295	-131.590	22.1	2.8 ML	107 km SSE of Sandspit, BC
2013-07-01 15:25:56	52.796	-132.326	23.4	2.8 ML	60 km SW of Sandspit, BC
2013-07-04 04:44:45	52.730	-132.238	22.2	2.9 ML	64 km SW of Sandspit, BC
2013-07-08 09:43:45	52.747	-132.252	23.7	2.7 ML	63 km SW of Sandspit, BC
2013-07-09 06:52:11	52.766	-132.286	23.1	3.1 ML	62 km SW of Sandspit, BC
2013-07-09 18:34:35	52.769	-132.264	22.7	3.2 ML	61 km SW of Sandspit, BC
2013-07-10 08:59:10	52.420	-131.725	21.6	2.5 ML	92 km S of Sandspit, BC
2013-07-10 09:44:05	52.719	-132.875	33.2	2.8 ML	92 km WSW of Sandspit, BC
2013-07-10 11:34:17	52.292	-131.770	20.0	2.5 ML	106 km S of Sandspit, BC
2013-07-11 03:22:43	52.512	-131.867	21.8	3.1 ML	82 km S of Sandspit, BC
2013-07-16 23:26:28	52.475	-132.503	25.3	3.7 ML	97 km SW of Sandspit, BC
2013-07-18 23:47:15	52.538	-131.897	10.8	2.5 ML	79 km S of Sandspit, BC
2013-07-19 00:10:33	52.989	-132.586	22.9	3.4 ML	59 km WSW of Sandspit, BC
2013-07-19 15:15:04	52.667	-132.062	16.5	3.1 ML	66 km SSW of Sandspit, BC
2013-07-19 23:58:29	52.736	-132.256	23.2	2.7 ML	64 km SW of Sandspit, BC
2013-07-22 21:14:11	52.593	-132.056	20.6	2.7 ML	74 km SSW of Sandspit, BC
2013-07-23 16:51:08	52.209	-131.422	23.1	2.5 ML	118 km SSE of Sandspit, BC
2013-07-27 16:30:54	52.593	-132.046	21.1	2.6 ML	74 km SSW of Sandspit, BC
2013-07-29 20:43:33	52.598	-132.056	20.8	2.5 ML	74 km SSW of Sandspit, BC
2013-07-30 08:48:14	52.768	-132.233	21.4	2.6 ML	60 km SW of Sandspit, BC
2013-07-31 15:10:03	52.791	-132.316	23.3	2.5 ML	61 km SW of Sandspit, BC
2013-08-03 12:26:26	52.747	-132.352	25.4	3.1 ML	66 km SW of Sandspit, BC
2013-08-05 10:38:04	52.509	-133.061	20.0	2.8 ML	117 km WSW of Sandspit, BC
2013-08-08 10:16:24	53.259	-131.113	0.0	2.6 ML	46 km E of Sandspit, BC
2013-08-13 16:15:35	52.110	-131.822	29.8	3.0 ML	126 km S of Sandspit, BC
2013-08-13 16:38:55	52.102	-131.800	33.7	2.8 ML	127 km S of Sandspit, BC
2013-08-13 20:08:58	52.541	-131.911	15.9	2.7 ML	79 km S of Sandspit, BC
2013-08-13 21:54:18	52.539	-131.941	10.3	2.8 ML	79 km S of Sandspit, BC
2013-08-14 13:18:35	52.664	-132.732	33.6	3.0 ML	89 km WSW of Sandspit, BC
2013-08-16 06:05:39	52.984	-132.554	23.2	2.5 ML	57 km WSW of Sandspit, BC
2013-08-16 08:56:00	52.044	-131.402	32.1	2.5 ML	137 km SSE of Sandspit, BC
2013-08-16 12:20:55	52.123	-131.800	32.8	2.6 ML	125 km S of Sandspit, BC

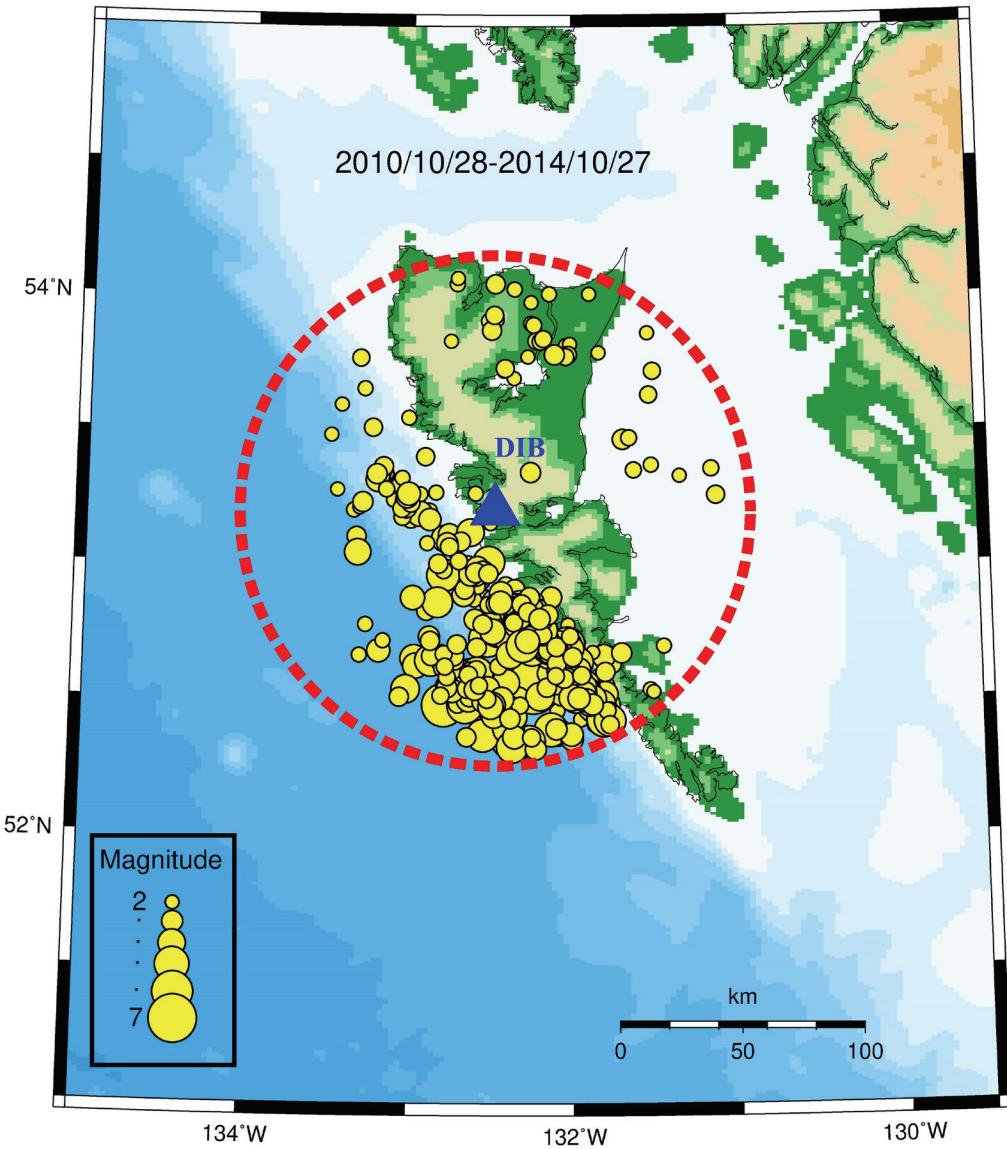
2013-08-17 02:19:15	52.588	-132.001	14.0	3.4 ML	74 km SSW of Sandspit, BC
2013-08-19 03:41:09	53.067	-132.759	22.9	2.6 ML	66 km W of Sandspit, BC
2013-08-26 01:08:30	52.289	-132.155	32.0	2.9 ML	109 km SSW of Sandspit, BC
2013-08-26 01:18:31	52.274	-132.187	28.4	3.4 ML	111 km SSW of Sandspit, BC
2013-08-26 04:29:28	52.296	-132.159	31.0	2.9 ML	108 km SSW of Sandspit, BC
2013-08-26 12:15:51	52.018	-131.403	9.8	2.9 ML	139 km SSE of Sandspit, BC
2013-08-26 16:29:01	52.610	-132.591	32.9	2.7 ML	88 km SW of Sandspit, BC
2013-08-31 21:35:27	52.620	-132.047	14.5	3.1 ML	71 km SSW of Sandspit, BC
2013-09-02 14:40:50	52.277	-131.711	20.6	2.9 ML	108 km S of Sandspit, BC
2013-09-05 16:20:29	52.773	-132.268	22.9	2.6 ML	61 km SW of Sandspit, BC
2013-09-09 00:19:14	52.557	-132.017	10.8	2.6 ML	78 km SSW of Sandspit, BC
2013-09-12 06:53:52	52.751	-132.259	19.6	2.5 ML	62 km SW of Sandspit, BC
2013-09-12 08:54:17	52.716	-132.407	10.0	3.0 Mw	71 km SW of Sandspit, BC
2013-09-12 12:46:47	52.541	-132.648	22.7	2.7 ML	96 km SW of Sandspit, BC
2013-09-14 17:35:41	52.617	-132.059	14.6	2.6 ML	72 km SSW of Sandspit, BC
2013-09-18 04:45:36	52.737	-132.219	22.3	4.5 Mw	63 km SW of Sandspit, BC
2013-09-21 17:49:45	52.504	-131.881	14.8	4.0 ML	83 km S of Sandspit, BC
2013-09-22 23:09:57	52.582	-131.993	12.5	2.9 ML	75 km SSW of Sandspit, BC
2013-09-28 20:44:10	52.752	-132.491	29.2	3.7 ML	71 km SW of Sandspit, BC
2013-10-11 13:52:34	52.339	-131.655	24.7	3.0 ML	102 km S of Sandspit, BC
2013-10-15 02:06:15	52.659	-132.046	22.1	2.7 ML	67 km SSW of Sandspit, BC
2013-10-18 07:17:48	52.708	-132.244	23.7	3.8 ML	66 km SW of Sandspit, BC
2013-10-23 10:27:03	52.666	-132.384	21.0	3.9 Mw	75 km SW of Sandspit, BC
2013-10-26 13:53:12	52.798	-132.603	17.3	3.0 ML	72 km WSW of Sandspit, BC
2013-10-26 14:02:43	52.539	-132.024	15.9	2.9 ML	80 km SSW of Sandspit, BC
2013-10-30 03:39:57	52.498	-131.940	8.8	2.6 ML	84 km S of Sandspit, BC
2013-11-01 04:48:38	52.500	-131.961	12.6	2.8 ML	84 km S of Sandspit, BC
2013-11-04 11:53:11	52.506	-131.951	11.4	3.4 ML	83 km S of Sandspit, BC
2013-11-11 05:09:12	52.784	-132.254	24.0	2.6 ML	59 km SW of Sandspit, BC
2013-11-11 19:25:51	52.502	-131.944	11.0	2.6 ML	83 km S of Sandspit, BC
2013-11-12 05:11:42	52.972	-132.597	20.9	2.9 ML	60 km WSW of Sandspit, BC
2013-11-15 12:13:12	52.655	-132.034	23.6	2.6 ML	67 km SSW of Sandspit, BC
2013-11-20 23:43:23	52.842	-132.218	23.8	2.8 ML	52 km SW of Sandspit, BC
2013-11-22 14:44:04	52.819	-132.324	24.4	3.5 ML	58 km SW of Sandspit, BC
2013-12-15 17:52:22	51.816	-131.584	36.0	3.0 ML	160 km S of Sandspit, BC
2013-12-16 04:34:16	52.583	-131.991	22.6	3.0 ML	75 km SSW of Sandspit, BC
2013-12-19 12:45:49	52.166	-131.835	34.2	2.9 ML	120 km S of Sandspit, BC
2013-12-20 02:19:34	52.533	-131.940	13.9	2.7 ML	80 km S of Sandspit, BC

2013-12-23 23:19:54	52.068	-131.331	23.7	2.8 ML	135 km SSE of Sandspit, BC
2014-01-04 14:52:28	52.758	-132.244	24.9	2.9 ML	61 km SW of Sandspit, BC
2014-01-05 23:06:32	52.675	-132.137	24.6	3.1 ML	67 km SSW of Sandspit, BC
2014-01-06 01:45:56	52.675	-132.154	22.6	3.3 ML	67 km SSW of Sandspit, BC
2014-01-12 11:48:40	51.814	-131.597	36.0	2.9 ML	160 km S of Sandspit, BC
2014-01-19 21:23:07	52.523	-131.964	20.9	2.9 ML	81 km SSW of Sandspit, BC
2014-01-20 05:27:14	52.669	-132.155	22.8	2.5 ML	68 km SSW of Sandspit, BC
2014-01-20 10:34:40	52.614	-132.068	10.9	2.6 ML	72 km SSW of Sandspit, BC
2014-01-21 07:50:43	52.592	-132.639	31.7	2.6 ML	91 km SW of Sandspit, BC
2014-01-23 09:48:41	52.049	-131.285	31.5	2.5 ML	138 km SSE of Sandspit, BC
2014-01-24 06:47:51	52.641	-132.063	24.5	3.2 ML	69 km SSW of Sandspit, BC
2014-02-01 12:52:19	52.788	-132.283	24.5	2.5 ML	60 km SW of Sandspit, BC
2014-02-06 13:54:32	52.217	-131.926	31.5	2.5 ML	115 km S of Sandspit, BC
2014-02-09 15:37:07	52.735	-132.264	25.1	3.9 ML	64 km SW of Sandspit, BC
2014-02-09 19:04:24	52.685	-132.148	21.5	2.9 ML	66 km SSW of Sandspit, BC
2014-02-11 13:03:54	52.519	-131.910	7.2	2.6 ML	81 km S of Sandspit, BC
2014-02-12 10:20:56	52.505	-131.911	9.3	2.9 ML	83 km S of Sandspit, BC
2014-02-13 02:27:03	52.510	-131.915	10.7	3.1 ML	82 km S of Sandspit, BC
2014-02-13 04:19:12	52.509	-131.911	8.5	2.7 ML	82 km S of Sandspit, BC
2014-02-13 10:46:38	52.528	-131.918	10.8	2.9 ML	80 km S of Sandspit, BC
2014-02-13 11:39:10	52.535	-131.912	11.5	2.6 ML	79 km S of Sandspit, BC
2014-02-17 22:41:58	52.554	-131.912	15.5	2.6 ML	77 km S of Sandspit, BC
2014-02-18 14:29:42	52.609	-132.107	1.4	2.5 ML	73 km SSW of Sandspit, BC
2014-02-25 02:34:43	52.981	-132.795	13.2	2.5 ML	71 km WSW of Sandspit, BC
2014-02-27 23:00:59	52.853	-132.415	23.2	2.9 ML	59 km WSW of Sandspit, BC
2014-02-28 09:30:02	52.795	-132.330	23.1	2.5 ML	61 km SW of Sandspit, BC
2014-03-01 22:35:01	52.218	-131.296	27.5	2.9 ML	120 km SSE of Sandspit, BC
2014-03-03 02:04:09	52.778	-132.330	21.7	2.5 ML	62 km SW of Sandspit, BC
2014-03-03 02:24:35	52.860	-132.445	22.5	3.4 ML	60 km WSW of Sandspit, BC
2014-03-03 06:09:09	52.544	-132.770	24.9	2.9 ML	101 km SW of Sandspit, BC
2014-03-03 13:22:26	52.554	-132.101	22.4	2.6 ML	79 km SSW of Sandspit, BC
2014-03-03 23:20:04	52.537	-131.957	13.8	2.6 ML	79 km S of Sandspit, BC
2014-03-10 11:40:45	52.669	-132.790	29.2	2.5 ML	91 km WSW of Sandspit, BC
2014-03-22 00:59:18	52.438	-131.783	11.1	3.5 ML	90 km S of Sandspit, BC
2014-03-23 02:26:33	52.543	-131.977	18.3	2.7 ML	79 km SSW of Sandspit, BC
2014-03-26 15:23:18	52.698	-132.098	23.6	2.8 ML	64 km SSW of Sandspit, BC
2014-03-26 22:56:45	52.423	-131.776	10.0	4.6 ML	92 km S of Sandspit, BC
2014-03-29 01:06:24	52.461	-131.790	9.3	2.5 ML	87 km S of Sandspit, BC

2014-03-29 09:46:43	52.508	-132.007	17.4	3.8 ML	83 km SSW of Sandspit, BC
2014-04-01 10:44:09	52.587	-132.062	19.7	2.5 ML	75 km SSW of Sandspit, BC
2014-04-06 04:47:19	52.587	-132.038	19.7	2.6 ML	75 km SSW of Sandspit, BC
2014-04-09 02:15:28	52.757	-132.281	22.1	2.6 ML	63 km SW of Sandspit, BC
2014-04-09 07:15:36	52.529	-131.921	20.2	2.9 ML	80 km S of Sandspit, BC
2014-04-11 10:21:47	52.089	-131.234	25.6	2.6 ML	135 km SSE of Sandspit, BC
2014-04-14 02:35:38	52.682	-132.063	23.3	2.8 ML	65 km SSW of Sandspit, BC
2014-04-14 05:02:16	52.762	-132.288	22.8	2.9 ML	62 km SW of Sandspit, BC
2014-04-15 08:58:26	52.498	-131.919	20.1	3.3 ML	84 km S of Sandspit, BC
2014-04-25 05:12:38	52.757	-132.184	23.4	4.2 Mw	60 km SW of Sandspit, BC
2014-04-29 04:53:01	52.584	-132.771	24.9	2.5 ML	97 km SW of Sandspit, BC
2014-04-29 23:16:19	52.737	-132.248	18.9	2.5 ML	64 km SW of Sandspit, BC
2014-05-01 23:32:03	52.783	-132.333	22.4	2.5 ML	62 km SW of Sandspit, BC
2014-05-08 13:34:46	52.482	-131.880	12.9	3.1 ML	85 km S of Sandspit, BC
2014-05-18 14:19:38	52.779	-132.341	21.2	3.8 ML	63 km SW of Sandspit, BC
2014-05-24 17:23:37	52.790	-132.184	23.7	2.6 ML	56 km SW of Sandspit, BC
2014-05-26 12:57:56	52.781	-132.552	24.0	2.8 ML	71 km WSW of Sandspit, BC
2014-05-27 20:46:24	52.801	-132.318	22.6	2.8 ML	60 km SW of Sandspit, BC
2014-05-28 23:06:59	52.786	-132.361	22.2	2.6 ML	63 km SW of Sandspit, BC
2014-05-29 09:47:27	52.578	-132.053	20.8	2.8 ML	76 km SSW of Sandspit, BC
2014-06-02 10:43:56	52.285	-131.746	21.5	2.5 ML	107 km S of Sandspit, BC
2014-06-03 09:34:51	52.503	-132.525	25.4	2.6 ML	95 km SW of Sandspit, BC
2014-06-11 17:36:29	52.546	-132.161	15.7	2.7 ML	81 km SSW of Sandspit, BC
2014-07-01 07:49:00	52.407	-131.776	24.9	2.6 ML	93 km S of Sandspit, BC
2014-07-04 10:03:44	52.735	-132.267	23.1	2.9 ML	64 km SW of Sandspit, BC
2014-07-08 07:02:18	52.623	-132.783	25.5	2.5 ML	95 km WSW of Sandspit, BC
2014-07-08 12:57:06	52.429	-132.383	21.2	2.9 ML	98 km SW of Sandspit, BC
2014-07-12 18:24:33	52.844	-132.232	23.5	2.5 ML	53 km SW of Sandspit, BC
2014-07-15 03:16:00	52.679	-132.083	22.6	2.7 ML	65 km SSW of Sandspit, BC
2014-07-23 08:52:29	52.858	-132.303	25.7	3.0 ML	54 km SW of Sandspit, BC
2014-07-24 04:47:21	53.015	-132.701	32.3	2.5 ML	64 km WSW of Sandspit, BC
2014-07-25 18:20:09	52.506	-131.963	24.6	3.2 ML	83 km S of Sandspit, BC
2014-08-06 20:10:46	52.636	-132.099	21.6	2.8 ML	70 km SSW of Sandspit, BC
2014-08-08 08:17:17	52.360	-132.252	31.1	2.6 ML	103 km SSW of Sandspit, BC
2014-08-11 19:32:56	52.209	-131.996	33.7	2.5 ML	116 km S of Sandspit, BC
2014-08-13 14:20:02	52.697	-132.100	22.7	2.7 ML	64 km SSW of Sandspit, BC
2014-08-14 04:22:28	52.881	-132.267	24.7	2.9 ML	50 km SW of Sandspit, BC
2014-08-21 07:23:35	52.742	-132.185	24.1	2.6 ML	61 km SW of Sandspit, BC

2014-08-23 03:38:02	52.816	-132.153	25.1	2.9 ML	53 km SW of Sandspit, BC
2014-08-25 04:19:02	52.855	-132.313	22.8	2.8 ML	55 km SW of Sandspit, BC
2014-08-25 18:17:22	53.004	-132.827	16.8	2.8 ML	72 km WSW of Sandspit, BC
2014-08-31 12:44:17	52.825	-132.274	23.4	2.7 ML	56 km SW of Sandspit, BC
2014-09-01 14:57:09	52.589	-132.104	9.9	2.5 ML	76 km SSW of Sandspit, BC
2014-09-15 14:06:20	52.735	-132.017	24.1	2.5 ML	58 km SSW of Sandspit, BC
2014-09-16 09:54:27	52.658	-132.002	13.6	2.7 ML	67 km SSW of Sandspit, BC
2014-09-19 02:26:47	52.537	-132.601	28.4	3.1 ML	95 km SW of Sandspit, BC
2014-09-27 21:05:38	52.701	-132.309	23.3	4.7 Mw	69 km SW of Sandspit, BC
2014-09-28 00:25:58	52.717	-132.278	22.3	3.5 ML	66 km SW of Sandspit, BC
2014-09-29 14:24:29	52.706	-132.711	40.1	2.7 ML	85 km WSW of Sandspit, BC
2014-09-29 18:28:43	52.591	-131.948	12.6	2.6 ML	73 km SSW of Sandspit, BC
2014-10-13 06:28:04	52.800	-132.203	24.2	3.0 ML	56 km SW of Sandspit, BC
2014-10-14 10:20:34	52.968	-132.518	22.0	2.7 ML	56 km WSW of Sandspit, BC
2014-10-14 22:09:13	52.514	-132.809	21.5	2.5 ML	105 km SW of Sandspit, BC
2014-10-21 04:42:50	52.553	-132.575	25.4	2.5 ML	92 km SW of Sandspit, BC

### Station DIB



Date/Time (UTC)	Latitude (°)	Longitude (°)	Depth (km)	Magnitude	Description
2010-10-29 01:22:23	53.976	-132.255	1.0	2.0 ML	8 km WSW of Masset, BC
2010-11-01 11:11:04	53.104	-133.333	20.0	2.7 ML	102 km W of Sandspit, BC
2010-11-01 11:19:50	53.047	-133.325	20.0	3.8 ML	103 km W of Sandspit, BC
2010-11-03 08:58:12	52.405	-131.870	20.0	2.0 ML	94 km S of Sandspit, BC
2010-11-04 18:15:46	52.595	-132.006	20.0	2.0 ML	74 km SSW of Sandspit, BC
2010-11-06 19:10:14	52.649	-132.128	20.0	2.0 ML	70 km SSW of Sandspit, BC
2010-11-12 22:58:06	52.883	-132.531	20.0	2.0 ML	62 km WSW of Sandspit, BC
2010-11-23 11:41:31	52.763	-132.306	20.0	2.0 ML	63 km SW of Sandspit, BC

2010-12-03 02:40:53	53.269	-132.845	20.0	2.2 ML	68 km W of Sandspit, BC
2010-12-06 03:19:49	52.670	-132.173	20.0	2.2 ML	68 km SSW of Sandspit, BC
2010-12-16 20:55:57	53.831	-132.757	20.0	2.0 ML	44 km WSW of Masset, BC
2010-12-17 13:43:39	52.700	-131.442	20.0	2.2 ML	66 km SE of Sandspit, BC
2010-12-20 22:11:03	53.230	-133.063	20.0	2.4 ML	83 km W of Sandspit, BC
2010-12-23 12:29:49	54.006	-131.893	0.9	2.0 ML	16 km E of Masset, BC
2010-12-28 23:25:26	52.778	-132.030	16.7	2.0 ML	54 km SSW of Sandspit, BC
2011-01-04 14:24:35	52.664	-133.311	10.0	2.2 ML	119 km WSW of Sandspit, BC
2011-01-04 16:02:50	52.779	-133.273	20.0	2.2 ML	110 km WSW of Sandspit, BC
2011-01-04 18:08:15	54.006	-132.142	12.6	2.1 ML	1 km SE of Masset, BC
2011-01-05 17:04:45	52.512	-132.092	20.0	2.0 ML	84 km SSW of Sandspit, BC
2011-01-11 09:55:23	53.332	-131.338	0.0	2.0 ML	33 km E of Sandspit, BC
2011-01-12 14:58:59	52.532	-132.061	20.0	2.0 ML	81 km SSW of Sandspit, BC
2011-01-14 04:03:35	52.465	-131.848	20.0	2.0 ML	87 km S of Sandspit, BC
2011-01-20 18:01:38	53.547	-133.017	20.0	2.2 ML	77 km WSW of Masset, BC
2011-01-22 18:13:04	52.630	-131.756	20.0	2.4 ML	69 km S of Sandspit, BC
2011-01-23 06:17:46	52.489	-131.935	20.0	2.3 ML	85 km S of Sandspit, BC
2011-02-03 16:39:13	53.357	-131.141	5.4	2.3 ML	46 km E of Sandspit, BC
2011-02-05 15:30:08	53.788	-131.835	0.0	2.0 ML	32 km SE of Masset, BC
2011-02-14 10:09:48	53.203	-133.353	20.0	2.1 ML	102 km W of Sandspit, BC
2011-02-14 12:24:40	53.212	-133.317	20.0	2.0 ML	100 km W of Sandspit, BC
2011-02-27 23:23:05	52.761	-132.177	20.0	2.3 ML	59 km SW of Sandspit, BC
2011-02-28 00:36:25	52.742	-132.221	20.0	2.2 ML	62 km SW of Sandspit, BC
2011-03-02 04:45:32	53.239	-133.108	20.0	2.0 ML	85 km W of Sandspit, BC
2011-03-13 20:47:58	52.428	-131.952	20.0	2.1 ML	92 km S of Sandspit, BC
2011-03-14 02:55:19	53.141	-132.616	20.0	2.5 ML	54 km W of Sandspit, BC
2011-03-15 07:56:04	53.297	-133.113	20.0	2.1 ML	86 km W of Sandspit, BC
2011-03-15 20:44:28	53.324	-133.175	20.0	2.2 ML	90 km W of Sandspit, BC
2011-03-15 20:44:49	53.331	-133.161	20.0	2.7 ML	89 km W of Sandspit, BC
2011-03-15 20:51:54	53.322	-133.189	20.0	2.6 ML	91 km W of Sandspit, BC
2011-03-15 20:53:13	53.324	-133.179	20.0	2.5 ML	91 km W of Sandspit, BC
2011-03-15 21:02:00	53.336	-133.155	20.0	2.1 ML	89 km W of Sandspit, BC
2011-03-15 21:41:19	53.316	-133.203	20.0	3.5 ML	92 km W of Sandspit, BC
2011-03-15 21:43:05	53.335	-133.176	20.0	2.3 ML	90 km W of Sandspit, BC
2011-03-15 22:26:04	53.334	-133.181	20.0	2.0 ML	91 km W of Sandspit, BC
2011-03-15 22:51:21	53.331	-133.194	20.0	2.0 ML	92 km W of Sandspit, BC
2011-03-16 17:39:19	53.328	-133.176	20.0	2.0 ML	90 km W of Sandspit, BC
2011-03-17 07:02:33	52.721	-132.294	20.0	2.2 ML	66 km SW of Sandspit, BC

2011-03-17 07:11:46	53.098	-132.789	20.0	3.8 ML	67 km W of Sandspit, BC
2011-03-20 06:49:40	53.632	-131.524	0.1	2.4 ML	46 km NE of Sandspit, BC
2011-03-27 16:12:34	53.201	-132.885	20.0	2.3 ML	71 km W of Sandspit, BC
2011-03-30 15:12:23	53.199	-132.982	20.0	2.2 ML	77 km W of Sandspit, BC
2011-03-30 19:16:56	53.189	-132.987	20.0	2.5 ML	78 km W of Sandspit, BC
2011-03-30 20:49:37	53.205	-132.974	20.0	2.4 ML	77 km W of Sandspit, BC
2011-04-10 00:50:24	53.007	-132.674	20.0	2.0 ML	63 km WSW of Sandspit, BC
2011-04-17 03:26:05	52.472	-131.797	20.0	2.6 ML	86 km S of Sandspit, BC
2011-04-21 17:21:15	53.280	-133.152	20.0	2.3 ML	88 km W of Sandspit, BC
2011-05-03 21:05:58	53.113	-132.629	20.0	2.6 ML	56 km W of Sandspit, BC
2011-05-10 22:01:50	52.460	-131.807	20.0	2.0 ML	87 km S of Sandspit, BC
2011-06-01 04:58:54	53.051	-132.728	20.0	2.1 ML	64 km WSW of Sandspit, BC
2011-06-01 10:19:26	52.641	-132.106	20.0	2.3 ML	70 km SSW of Sandspit, BC
2011-06-03 22:59:54	52.536	-132.233	20.0	4.0 Mw	84 km SSW of Sandspit, BC
2011-06-09 12:37:26	52.816	-132.417	20.0	2.1 ML	62 km SW of Sandspit, BC
2011-06-17 06:08:58	53.082	-132.789	20.0	2.1 ML	67 km W of Sandspit, BC
2011-06-18 00:46:52	53.166	-132.532	20.0	2.5 ML	48 km W of Sandspit, BC
2011-07-02 13:28:48	53.913	-132.472	14.4	2.2 ML	24 km WSW of Masset, BC
2011-07-03 15:45:08	52.538	-132.296	20.0	2.9 ML	85 km SW of Sandspit, BC
2011-07-10 01:24:58	52.680	-133.190	20.0	3.4 ML	111 km WSW of Sandspit, BC
2011-07-14 08:09:19	52.599	-132.236	20.0	2.3 ML	77 km SSW of Sandspit, BC
2011-07-21 18:53:55	52.619	-132.155	20.0	3.3 ML	73 km SSW of Sandspit, BC
2011-07-22 05:44:39	52.632	-132.130	20.0	2.2 ML	71 km SSW of Sandspit, BC
2011-07-22 07:40:18	53.278	-133.454	20.0	2.0 ML	109 km W of Sandspit, BC
2011-07-27 00:38:19	52.853	-132.358	20.0	2.0 ML	57 km SW of Sandspit, BC
2011-07-29 07:37:52	52.949	-132.578	20.0	3.3 ML	60 km WSW of Sandspit, BC
2011-07-29 12:00:26	53.721	-131.499	19.2	2.4 ML	53 km ESE of Masset, BC
2011-07-30 01:55:26	52.952	-132.554	20.0	2.1 ML	59 km WSW of Sandspit, BC
2011-08-03 09:46:52	53.897	-132.255	8.7	2.1 ML	14 km SW of Masset, BC
2011-08-22 20:21:04	53.510	-133.239	20.0	2.6 ML	91 km WSW of Masset, BC
2011-08-24 11:24:07	54.025	-132.358	12.1	2.1 ML	13 km W of Masset, BC
2011-08-27 03:58:42	53.081	-132.898	10.0	2.1 ML	74 km W of Sandspit, BC
2011-08-27 12:36:13	52.559	-133.024	20.0	2.0 ML	111 km WSW of Sandspit, BC
2011-09-04 02:28:26	53.862	-131.530	2.6	2.0 ML	44 km ESE of Masset, BC
2011-09-05 18:11:27	53.481	-133.496	16.8	2.0 ML	106 km WSW of Masset, BC
2011-09-07 18:41:53	53.155	-132.506	20.0	2.0 ML	47 km W of Sandspit, BC
2011-09-18 12:27:02	52.719	-133.165	20.0	2.2 ML	107 km WSW of Sandspit, BC
2011-09-19 21:11:30	52.643	-132.267	20.0	2.6 ML	74 km SW of Sandspit, BC

2011-09-19 21:41:17	52.560	-132.756	20.0	2.8 ML	99 km SW of Sandspit, BC
2011-09-22 08:27:10	53.891	-132.238	0.0	2.3 ML	15 km SW of Masset, BC
2011-09-22 08:33:23	53.010	-132.641	20.0	2.0 ML	61 km WSW of Sandspit, BC
2011-10-01 03:17:51	52.448	-131.893	20.0	2.3 ML	89 km S of Sandspit, BC
2011-10-04 17:17:17	53.774	-132.275	0.0	2.0 ML	28 km SSW of Masset, BC
2011-10-14 00:50:00	53.467	-131.689	15.1	2.9 ML	25 km NNE of Sandspit, BC
2011-10-16 01:39:26	53.473	-131.647	1.0	2.3 ML	27 km NE of Sandspit, BC
2011-10-21 08:33:16	53.593	-133.436	20.0	2.0 ML	96 km WSW of Masset, BC
2011-10-22 07:06:32	53.833	-132.224	9.6	2.5 ML	21 km SSW of Masset, BC
2011-10-23 05:42:17	53.831	-132.195	0.0	2.5 ML	20 km SSW of Masset, BC
2011-10-24 07:32:27	53.907	-132.523	0.0	2.2 ML	27 km WSW of Masset, BC
2011-10-30 00:47:41	52.532	-131.819	20.0	2.1 ML	79 km S of Sandspit, BC
2011-11-01 19:45:00	53.693	-132.363	0.0	2.0 ML	38 km SSW of Masset, BC
2011-11-03 08:00:17	53.350	-131.624	19.9	2.0 ML	17 km ENE of Sandspit, BC
2011-11-03 08:01:15	53.371	-131.513	1.0	2.1 ML	24 km ENE of Sandspit, BC
2011-11-06 00:24:40	53.815	-132.038	0.0	2.1 ML	23 km SSE of Masset, BC
2011-11-06 00:43:18	53.821	-132.013	0.0	2.0 ML	23 km SE of Masset, BC
2011-11-06 05:40:42	53.364	-133.171	20.0	2.8 ML	90 km W of Sandspit, BC
2011-11-06 07:54:05	53.781	-132.054	0.0	2.1 ML	27 km SSE of Masset, BC
2011-11-07 03:50:33	53.840	-132.180	0.0	2.5 ML	19 km S of Masset, BC
2011-11-10 12:16:45	53.112	-132.762	20.0	3.2 ML	64 km W of Sandspit, BC
2011-11-10 12:48:08	53.121	-132.630	20.0	3.9 ML	56 km W of Sandspit, BC
2011-11-13 09:18:26	53.265	-132.599	20.0	2.2 ML	52 km W of Sandspit, BC
2011-11-24 20:10:09	52.880	-132.132	20.0	3.1 ML	46 km SW of Sandspit, BC
2011-11-24 22:53:17	52.832	-132.256	20.0	2.1 ML	55 km SW of Sandspit, BC
2011-12-18 23:36:35	52.538	-131.526	21.7	2.2 ML	81 km SSE of Sandspit, BC
2011-12-21 06:49:17	53.871	-132.502	20.0	2.7 ML	28 km WSW of Masset, BC
2012-01-06 05:14:04	52.645	-132.000	20.0	2.4 ML	68 km SSW of Sandspit, BC
2012-01-07 01:10:43	53.402	-132.911	20.0	2.6 ML	74 km W of Sandspit, BC
2012-01-15 00:15:26	53.720	-132.425	20.0	2.0 ML	37 km SW of Masset, BC
2012-01-15 13:19:25	53.322	-133.053	20.0	2.1 ML	82 km W of Sandspit, BC
2012-01-19 09:31:14	52.530	-131.508	20.0	2.0 ML	82 km SSE of Sandspit, BC
2012-01-21 10:20:27	53.352	-131.621	20.0	2.3 ML	17 km ENE of Sandspit, BC
2012-01-29 02:01:45	52.379	-132.092	20.0	4.0 ML	98 km SSW of Sandspit, BC
2012-02-01 08:10:42	52.657	-131.819	20.0	2.1 ML	66 km S of Sandspit, BC
2012-02-01 08:22:26	52.663	-131.811	20.0	3.3 ML	65 km S of Sandspit, BC
2012-02-17 01:02:27	54.044	-132.479	25.0	2.8 ML	21 km W of Masset, BC
2012-03-03 07:10:02	52.677	-131.880	20.0	2.0 ML	63 km S of Sandspit, BC

2012-03-23 17:06:50	53.088	-132.688	20.0	2.7 ML	60 km W of Sandspit, BC
2012-04-10 00:39:31	52.515	-131.943	20.0	2.5 ML	82 km S of Sandspit, BC
2012-04-29 01:10:44	52.868	-132.225	20.0	2.2 ML	50 km SW of Sandspit, BC
2012-05-05 11:33:18	53.172	-132.999	20.0	2.7 ML	79 km W of Sandspit, BC
2012-05-05 20:41:04	53.731	-132.419	20.0	2.6 ML	36 km SW of Masset, BC
2012-05-15 23:02:13	52.459	-132.096	20.0	2.2 ML	89 km SSW of Sandspit, BC
2012-06-15 20:54:34	52.673	-131.703	18.0	2.9 ML	64 km S of Sandspit, BC
2012-06-23 15:14:01	54.043	-132.717	2.0	2.1 ML	37 km W of Masset, BC
2012-06-28 14:36:55	52.564	-131.839	19.6	2.0 ML	76 km S of Sandspit, BC
2012-06-30 13:25:36	53.781	-132.023	14.8	2.5 ML	27 km SSE of Masset, BC
2012-07-12 13:35:10	53.654	-133.290	20.0	2.2 ML	85 km WSW of Masset, BC
2012-08-08 03:52:05	53.190	-132.943	20.0	3.7 ML	75 km W of Sandspit, BC
2012-09-01 16:05:48	52.915	-132.435	20.0	2.2 ML	55 km WSW of Sandspit, BC
2012-09-01 16:09:22	52.873	-132.607	20.0	2.2 ML	67 km WSW of Sandspit, BC
2012-09-01 16:15:44	52.910	-132.446	20.0	2.3 ML	56 km WSW of Sandspit, BC
2012-09-01 17:18:19	52.925	-132.411	20.0	2.5 ML	53 km WSW of Sandspit, BC
2012-09-11 12:27:11	53.768	-133.321	20.0	2.4 ML	81 km WSW of Masset, BC
2012-09-28 16:18:22	52.859	-132.425	20.0	2.7 ML	59 km WSW of Sandspit, BC
2012-10-01 13:42:05	52.920	-132.583	20.0	2.2 ML	63 km WSW of Sandspit, BC
2012-10-14 06:40:40	53.773	-132.042	1.0	2.4 ML	28 km SSE of Masset, BC
2012-10-20 08:52:37	54.065	-132.716	24.5	2.0 ML	37 km W of Masset, BC
2012-10-21 00:57:12	53.344	-132.258	20.0	2.9 ML	31 km WNW of Sandspit, BC
2012-10-21 12:48:02	53.262	-132.942	26.7	2.2 ML	74 km W of Sandspit, BC
2012-10-25 09:15:24	53.169	-132.882	20.0	3.2 ML	71 km W of Sandspit, BC
2012-10-28 03:04:06	52.547	-132.243	23.2	7.8 Mw	80 km S of Village of Queen Charlotte, BC
2012-10-28 03:32:39	52.545	-131.834	19.7	4.3 ML	78 km S of Sandspit, BC
2012-10-28 03:38:10	52.481	-131.814	26.0	4.8 ML	85 km S of Sandspit, BC
2012-10-28 04:21:52	52.524	-131.847	20.0	4.0 ML	80 km S of Sandspit, BC
2012-10-28 04:29:49	52.522	-131.803	20.0	3.7 ML	81 km S of Sandspit, BC
2012-10-28 04:40:58	52.346	-132.338	10.0	5.3 Mw	106 km SSW of Sandspit, BC
2012-10-28 04:49:10	52.477	-131.881	15.8	4.4 ML	86 km S of Sandspit, BC
2012-10-28 04:51:47	52.532	-132.059	12.5	4.3 ML	81 km SSW of Sandspit, BC
2012-10-28 04:53:14	52.639	-131.965	1.0	4.3 ML	68 km SSW of Sandspit, BC
2012-10-28 07:12:08	52.389	-132.135	28.6	4.9 Mw	98 km SSW of Sandspit, BC
2012-10-28 07:16:34	52.598	-132.633	23.9	4.2 ML	90 km SW of Sandspit, BC
2012-10-28 09:45:36	52.771	-132.339	20.5	4.9 Mw	63 km SW of Sandspit, BC
2012-10-28 10:45:49	52.535	-132.547	0.5	5.1 Mw	93 km SW of Sandspit, BC

2012-10-28 11:53:18	52.348	-132.391	24.0	5.1 Mw	107 km SSW of Sandspit, BC
2012-10-28 14:41:00	52.498	-132.342	18.4	3.9 ML	90 km SW of Sandspit, BC
2012-10-28 17:34:50	52.647	-132.128	21.7	4.1 ML	70 km SSW of Sandspit, BC
2012-10-28 18:54:16	52.480	-132.793	20.0	6.3 mb	107 km SW of Sandspit, BC
2012-10-28 18:57:30	52.561	-132.567	26.6	5.3 Mw	91 km SW of Sandspit, BC
2012-10-28 19:03:21	52.727	-132.524	31.6	5.4 Mw	75 km SW of Sandspit, BC
2012-10-28 19:09:44	52.468	-132.512	8.9	5.6 Mw	98 km SW of Sandspit, BC
2012-10-28 19:16:48	52.479	-132.659	16.2	5.2 Mw	102 km SW of Sandspit, BC
2012-10-28 21:38:24	52.961	-132.799	9.8	4.7 Mw	73 km WSW of Sandspit, BC
2012-10-28 23:24:36	52.513	-132.202	13.9	4.1 ML	86 km SSW of Sandspit, BC
2012-10-28 23:26:48	52.597	-132.587	26.1	4.7 Mw	89 km SW of Sandspit, BC
2012-10-28 23:31:41	52.483	-131.829	22.3	4.2 ML	85 km S of Sandspit, BC
2012-10-28 23:34:20	52.445	-132.468	23.9	4.7 Mw	99 km SW of Sandspit, BC
2012-10-30 03:08:28	52.909	-132.355	20.0	2.9 ML	52 km WSW of Sandspit, BC
2012-10-30 03:10:38	52.733	-132.883	20.0	3.1 ML	91 km WSW of Sandspit, BC
2012-10-31 04:48:38	52.366	-132.550	10.0	4.7 Mw	110 km SW of Sandspit, BC
2012-10-31 09:15:46	52.556	-131.920	10.0	3.9 ML	77 km S of Sandspit, BC
2012-10-31 16:25:27	52.653	-132.973	10.0	4.0 ML	102 km WSW of Sandspit, BC
2012-11-01 00:06:48	52.829	-132.900	35.8	2.7 ML	86 km WSW of Sandspit, BC
2012-11-01 00:07:54	52.665	-132.814	29.0	3.1 ML	93 km WSW of Sandspit, BC
2012-11-01 17:34:45	52.862	-132.832	26.0	4.4 Mw	80 km WSW of Sandspit, BC
2012-11-03 04:25:16	52.345	-132.267	31.2	4.5 Mw	105 km SSW of Sandspit, BC
2012-11-03 09:48:22	52.563	-132.410	29.6	3.9 ML	86 km SW of Sandspit, BC
2012-11-03 12:18:42	52.395	-132.392	26.2	4.6 Mw	102 km SW of Sandspit, BC
2012-11-03 17:49:09	52.325	-132.372	25.7	4.5 Mw	109 km SSW of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.6 ML	83 km SSW of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.5 Mw	83 km SSW of Sandspit, BC
2012-11-04 09:14:17	52.766	-132.201	24.8	3.8 ML	59 km SW of Sandspit, BC
2012-11-04 12:05:28	52.625	-132.965	26.9	3.6 ML	103 km WSW of Sandspit, BC
2012-11-04 12:27:36	52.428	-131.811	39.2	5.1 Mw	91 km S of Sandspit, BC
2012-11-04 18:27:16	52.463	-132.421	8.9	4.8 Mw	96 km SW of Sandspit, BC
2012-11-06 15:47:10	52.539	-133.024	19.8	4.1 Mw	113 km WSW of Sandspit, BC
2012-11-07 15:04:21	52.646	-132.872	27.0	4.5 Mw	97 km WSW of Sandspit, BC
2012-11-09 06:29:07	52.603	-131.801	10.2	2.8 ML	72 km S of Sandspit, BC
2012-11-13 04:55:45	52.705	-132.033	22.3	5.1 Mw	62 km SSW of Sandspit, BC
2012-11-13 07:34:17	52.757	-132.463	42.8	4.7 Mw	69 km SW of Sandspit, BC
2012-11-15 14:28:45	52.755	-132.173	24.8	3.8 ML	60 km SW of Sandspit, BC
2012-11-18 17:04:47	52.435	-132.358	35.1	3.6 ML	97 km SSW of Sandspit, BC

2012-11-19 16:03:46	52.797	-132.210	25.4	3.2 ML	56 km SW of Sandspit, BC
2012-11-19 20:45:48	52.795	-132.315	23.8	2.7 ML	60 km SW of Sandspit, BC
2012-11-19 21:02:19	52.832	-132.373	21.8	3.4 ML	59 km SW of Sandspit, BC
2012-11-19 23:07:59	52.734	-132.227	25.2	2.9 ML	63 km SW of Sandspit, BC
2012-11-19 23:33:32	52.640	-132.800	32.8	3.0 ML	94 km WSW of Sandspit, BC
2012-11-22 03:22:00	52.860	-132.383	13.0	2.8 ML	57 km SW of Sandspit, BC
2012-11-22 13:02:42	52.837	-132.344	12.1	3.8 ML	57 km SW of Sandspit, BC
2012-11-23 00:15:36	52.362	-132.359	36.6	3.4 ML	105 km SSW of Sandspit, BC
2012-11-23 12:35:09	52.831	-132.406	23.0	3.6 ML	61 km SW of Sandspit, BC
2012-11-23 15:33:37	52.734	-132.234	21.3	3.7 ML	63 km SW of Sandspit, BC
2012-11-26 00:46:42	52.532	-131.899	17.1	2.7 ML	80 km S of Sandspit, BC
2012-11-26 05:46:51	52.720	-132.097	10.0	2.8 ML	61 km SSW of Sandspit, BC
2012-11-26 15:52:55	52.541	-131.897	18.9	2.9 ML	79 km S of Sandspit, BC
2012-11-26 16:45:55	52.523	-131.883	20.1	3.1 ML	81 km S of Sandspit, BC
2012-11-27 04:10:08	52.590	-131.989	20.3	2.9 ML	74 km SSW of Sandspit, BC
2012-11-30 01:59:36	52.586	-131.998	12.6	3.4 ML	74 km SSW of Sandspit, BC
2012-11-30 03:03:13	53.011	-132.517	22.2	4.5 Mw	53 km WSW of Sandspit, BC
2012-11-30 11:40:46	52.688	-132.051	18.7	3.0 ML	64 km SSW of Sandspit, BC
2012-11-30 14:42:25	52.614	-131.961	9.9	3.2 ML	71 km SSW of Sandspit, BC
2012-11-30 18:10:47	52.720	-132.085	23.9	2.9 ML	61 km SSW of Sandspit, BC
2012-11-30 21:45:50	52.714	-132.008	12.4	2.7 ML	61 km SSW of Sandspit, BC
2012-12-01 05:18:12	52.774	-132.179	23.3	3.1 ML	58 km SW of Sandspit, BC
2012-12-01 21:44:19	53.232	-133.298	20.0	2.9 ML	98 km W of Sandspit, BC
2012-12-02 08:41:30	52.684	-132.089	23.9	3.4 ML	65 km SSW of Sandspit, BC
2012-12-02 08:59:03	52.655	-132.744	34.1	2.8 ML	90 km WSW of Sandspit, BC
2012-12-02 12:11:50	52.679	-132.006	25.2	2.9 ML	64 km SSW of Sandspit, BC
2012-12-02 17:56:32	52.690	-132.008	24.3	3.5 ML	63 km SSW of Sandspit, BC
2012-12-03 00:44:45	52.780	-132.294	17.3	2.8 ML	61 km SW of Sandspit, BC
2012-12-03 23:07:54	52.820	-132.296	24.6	3.4 ML	57 km SW of Sandspit, BC
2012-12-04 09:57:24	52.819	-132.318	22.9	3.1 ML	58 km SW of Sandspit, BC
2012-12-04 18:32:00	52.720	-132.176	20.9	4.2 Mw	63 km SW of Sandspit, BC
2012-12-05 08:11:44	52.764	-132.372	24.1	3.5 ML	65 km SW of Sandspit, BC
2012-12-06 05:27:59	52.857	-132.463	21.2	4.6 Mw	61 km WSW of Sandspit, BC
2012-12-06 15:26:53	52.746	-132.244	22.5	3.0 ML	62 km SW of Sandspit, BC
2012-12-06 23:44:39	52.890	-132.672	16.1	3.3 ML	69 km WSW of Sandspit, BC
2012-12-07 00:52:46	52.484	-132.704	19.2	2.6 ML	104 km SW of Sandspit, BC
2012-12-07 02:28:59	52.354	-132.006	16.2	3.2 ML	100 km SSW of Sandspit, BC
2012-12-07 03:00:27	52.370	-132.008	20.1	3.3 ML	98 km SSW of Sandspit, BC

2012-12-07 15:58:53	52.822	-132.376	19.7	3.4 ML	60 km SW of Sandspit, BC
2012-12-08 00:47:10	52.681	-132.160	34.1	3.2 ML	67 km SSW of Sandspit, BC
2012-12-08 01:17:52	52.802	-132.354	21.3	3.3 ML	61 km SW of Sandspit, BC
2012-12-08 20:26:05	52.499	-132.637	25.4	3.5 ML	100 km SW of Sandspit, BC
2012-12-09 13:04:08	52.853	-132.324	24.2	4.1 Mw	55 km SW of Sandspit, BC
2012-12-09 15:06:42	52.850	-132.345	22.0	3.5 ML	56 km SW of Sandspit, BC
2012-12-10 00:37:54	52.816	-132.273	10.0	3.5 ML	57 km SW of Sandspit, BC
2012-12-10 07:46:46	53.081	-132.774	21.5	3.0 ML	66 km W of Sandspit, BC
2012-12-14 11:34:40	52.547	-132.658	26.8	3.1 ML	96 km SW of Sandspit, BC
2012-12-16 02:50:57	52.720	-132.234	21.4	4.6 Mw	65 km SW of Sandspit, BC
2012-12-16 03:43:50	52.618	-132.795	32.8	2.7 ML	96 km WSW of Sandspit, BC
2012-12-16 04:16:34	52.626	-132.742	33.7	2.6 ML	93 km SW of Sandspit, BC
2012-12-16 05:07:00	52.661	-132.868	32.1	2.8 ML	96 km WSW of Sandspit, BC
2012-12-16 07:54:29	52.558	-132.097	22.1	2.8 ML	79 km SSW of Sandspit, BC
2012-12-16 08:00:28	52.690	-132.214	23.0	3.0 ML	67 km SW of Sandspit, BC
2012-12-16 08:13:21	52.624	-132.456	14.1	2.5 ML	81 km SW of Sandspit, BC
2012-12-16 09:56:02	52.529	-131.971	16.3	2.6 ML	80 km SSW of Sandspit, BC
2012-12-16 16:25:28	52.666	-132.232	17.9	2.5 ML	70 km SW of Sandspit, BC
2012-12-16 20:08:14	53.178	-133.052	27.8	2.5 ML	82 km W of Sandspit, BC
2012-12-16 23:48:03	52.768	-132.383	22.4	2.6 ML	65 km SW of Sandspit, BC
2012-12-17 00:35:08	52.655	-132.107	15.9	4.8 Mw	69 km SSW of Sandspit, BC
2012-12-17 01:32:28	52.845	-132.349	21.9	2.9 ML	57 km SW of Sandspit, BC
2012-12-18 04:07:58	52.496	-131.912	23.2	3.7 ML	84 km S of Sandspit, BC
2012-12-18 06:16:09	52.693	-132.588	34.4	2.7 ML	80 km SW of Sandspit, BC
2012-12-18 08:39:03	52.853	-132.518	25.7	2.5 ML	64 km WSW of Sandspit, BC
2012-12-18 18:57:17	52.599	-132.147	21.6	3.4 ML	75 km SSW of Sandspit, BC
2012-12-18 22:14:40	52.544	-132.520	34.2	3.3 ML	91 km SW of Sandspit, BC
2012-12-18 23:34:35	52.478	-132.323	23.2	2.5 ML	92 km SSW of Sandspit, BC
2012-12-19 03:42:33	52.809	-132.320	22.1	2.7 ML	59 km SW of Sandspit, BC
2012-12-20 10:55:12	52.509	-132.631	29.1	2.8 ML	99 km SW of Sandspit, BC
2012-12-20 15:00:15	52.542	-131.935	16.5	3.5 ML	79 km S of Sandspit, BC
2012-12-20 17:13:07	52.518	-131.956	5.0	2.9 ML	81 km S of Sandspit, BC
2012-12-21 08:32:12	52.770	-132.242	21.9	2.6 ML	60 km SW of Sandspit, BC
2012-12-22 03:44:42	52.542	-131.948	13.3	2.5 ML	79 km S of Sandspit, BC
2012-12-22 04:02:48	52.654	-132.100	21.2	3.8 ML	68 km SSW of Sandspit, BC
2012-12-22 05:37:34	52.578	-132.715	27.8	2.7 ML	96 km SW of Sandspit, BC
2012-12-22 17:46:59	52.498	-131.919	2.4	2.5 ML	84 km S of Sandspit, BC
2012-12-23 06:44:54	52.897	-132.440	22.8	3.3 ML	57 km WSW of Sandspit, BC

2012-12-23 07:53:05	52.552	-132.772	28.0	3.1 ML	100 km SW of Sandspit, BC
2012-12-23 14:22:56	52.738	-132.233	21.6	2.8 ML	63 km SW of Sandspit, BC
2012-12-24 01:59:49	52.757	-132.242	21.9	3.4 ML	61 km SW of Sandspit, BC
2012-12-24 07:04:56	52.492	-131.941	13.0	2.5 ML	84 km S of Sandspit, BC
2012-12-24 16:28:54	52.535	-132.769	23.7	2.9 ML	102 km SW of Sandspit, BC
2012-12-24 19:28:49	52.361	-132.651	21.8	2.7 ML	113 km SW of Sandspit, BC
2012-12-25 03:37:46	52.775	-132.271	22.5	2.6 ML	60 km SW of Sandspit, BC
2012-12-25 05:21:32	53.241	-133.029	21.8	3.0 ML	80 km W of Sandspit, BC
2012-12-25 08:00:17	52.778	-132.299	23.3	3.1 ML	61 km SW of Sandspit, BC
2012-12-25 08:40:13	52.575	-131.944	11.6	2.7 ML	75 km S of Sandspit, BC
2012-12-25 11:42:35	52.574	-132.050	16.0	2.6 ML	76 km SSW of Sandspit, BC
2012-12-26 21:40:00	52.509	-131.882	12.1	3.2 ML	82 km S of Sandspit, BC
2012-12-27 17:08:21	52.758	-132.304	23.7	3.1 ML	63 km SW of Sandspit, BC
2012-12-27 20:21:41	52.638	-132.100	22.1	2.6 ML	70 km SSW of Sandspit, BC
2012-12-27 22:27:00	52.546	-131.954	11.7	3.2 ML	78 km S of Sandspit, BC
2012-12-28 23:25:48	52.511	-131.912	17.7	2.5 ML	82 km S of Sandspit, BC
2013-01-04 09:05:07	52.732	-132.244	22.0	3.5 ML	64 km SW of Sandspit, BC
2013-01-05 19:39:51	52.612	-132.705	32.1	3.5 ML	92 km SW of Sandspit, BC
2013-01-08 12:40:22	52.440	-132.484	27.3	3.5 ML	100 km SW of Sandspit, BC
2013-01-11 04:58:40	52.535	-131.910	8.5	3.7 ML	79 km S of Sandspit, BC
2013-01-11 08:23:41	52.531	-131.929	10.3	3.8 ML	80 km S of Sandspit, BC
2013-01-11 10:12:17	52.552	-131.908	16.0	2.5 ML	77 km S of Sandspit, BC
2013-01-11 11:30:30	52.566	-131.962	8.0	3.4 ML	76 km SSW of Sandspit, BC
2013-01-12 07:34:52	52.543	-131.917	10.3	3.3 ML	78 km S of Sandspit, BC
2013-01-14 03:23:30	52.755	-132.250	17.3	3.0 ML	62 km SW of Sandspit, BC
2013-01-16 10:47:01	52.502	-132.436	34.6	3.5 ML	93 km SW of Sandspit, BC
2013-01-17 23:43:14	52.547	-131.968	21.0	3.2 ML	78 km SSW of Sandspit, BC
2013-01-21 02:28:58	52.650	-132.084	21.7	2.8 ML	69 km SSW of Sandspit, BC
2013-01-22 06:45:21	52.317	-132.226	26.0	3.0 ML	107 km SSW of Sandspit, BC
2013-01-28 04:43:14	52.554	-131.969	12.8	3.1 ML	78 km SSW of Sandspit, BC
2013-02-02 03:40:39	52.795	-132.219	24.1	3.1 ML	57 km SW of Sandspit, BC
2013-02-03 10:34:42	52.729	-132.291	20.0	3.6 ML	66 km SW of Sandspit, BC
2013-02-05 22:04:54	52.593	-132.012	22.4	2.8 ML	74 km SSW of Sandspit, BC
2013-02-06 21:54:58	52.480	-132.491	26.4	3.7 ML	96 km SW of Sandspit, BC
2013-02-07 00:23:34	52.800	-132.351	23.3	3.5 ML	61 km SW of Sandspit, BC
2013-02-10 06:02:44	52.757	-132.255	22.5	3.1 ML	62 km SW of Sandspit, BC
2013-02-10 08:43:16	52.675	-132.146	20.3	3.3 ML	67 km SSW of Sandspit, BC
2013-02-11 11:04:32	52.795	-132.322	24.9	3.5 ML	60 km SW of Sandspit, BC

2013-02-12 19:12:13	52.665	-132.085	19.4	2.9 ML	67 km SSW of Sandspit, BC
2013-02-13 01:48:32	52.657	-132.111	20.6	3.6 ML	68 km SSW of Sandspit, BC
2013-02-15 07:25:35	52.757	-132.224	22.4	3.2 ML	61 km SW of Sandspit, BC
2013-02-15 15:35:56	52.644	-132.127	19.1	2.7 ML	70 km SSW of Sandspit, BC
2013-02-18 06:14:15	52.576	-132.005	13.3	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 06:22:28	52.572	-132.003	13.2	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 12:17:23	52.732	-132.449	21.9	2.6 ML	71 km SW of Sandspit, BC
2013-02-20 15:31:14	52.820	-132.350	8.5	3.0 ML	59 km SW of Sandspit, BC
2013-02-21 09:41:36	52.564	-131.993	18.6	3.1 ML	77 km SSW of Sandspit, BC
2013-02-21 18:45:50	52.804	-132.331	22.7	3.2 ML	60 km SW of Sandspit, BC
2013-02-24 12:14:41	52.660	-132.152	24.0	3.4 ML	69 km SSW of Sandspit, BC
2013-02-24 15:32:40	52.736	-132.268	23.8	3.9 ML	64 km SW of Sandspit, BC
2013-02-25 13:41:26	52.688	-132.250	22.4	4.9 Mw	68 km SW of Sandspit, BC
2013-02-27 12:53:45	52.480	-131.899	12.1	3.2 ML	85 km S of Sandspit, BC
2013-03-03 09:34:19	52.682	-132.175	20.7	3.2 ML	67 km SSW of Sandspit, BC
2013-03-05 11:09:18	52.757	-132.268	19.2	3.1 ML	62 km SW of Sandspit, BC
2013-03-06 09:05:30	52.620	-132.069	11.9	3.2 ML	72 km SSW of Sandspit, BC
2013-03-07 11:25:01	52.878	-132.986	18.1	3.5 ML	88 km WSW of Sandspit, BC
2013-03-11 12:37:55	52.736	-132.257	22.4	2.6 ML	64 km SW of Sandspit, BC
2013-03-14 02:16:40	52.605	-132.626	36.0	2.8 ML	89 km SW of Sandspit, BC
2013-03-14 15:41:08	52.677	-132.132	22.6	2.7 ML	67 km SSW of Sandspit, BC
2013-03-14 16:18:38	52.578	-132.655	26.7	3.8 ML	93 km SW of Sandspit, BC
2013-03-17 18:58:52	52.540	-132.585	26.8	2.6 ML	94 km SW of Sandspit, BC
2013-03-20 06:38:43	52.857	-132.466	20.4	3.0 ML	61 km WSW of Sandspit, BC
2013-03-23 09:15:01	52.729	-132.236	22.3	2.7 ML	64 km SW of Sandspit, BC
2013-03-23 14:35:31	52.522	-131.941	18.4	2.8 ML	81 km S of Sandspit, BC
2013-03-25 16:54:30	52.535	-132.007	10.7	3.7 ML	80 km SSW of Sandspit, BC
2013-03-25 19:21:33	52.569	-131.947	11.8	3.4 ML	76 km S of Sandspit, BC
2013-03-26 01:15:35	52.750	-132.179	22.5	3.3 ML	60 km SW of Sandspit, BC
2013-03-31 03:00:07	52.533	-132.737	25.4	3.3 ML	100 km SW of Sandspit, BC
2013-04-09 17:45:46	52.391	-132.101	32.0	3.1 ML	97 km SSW of Sandspit, BC
2013-04-13 09:39:31	52.750	-132.222	22.2	4.3 Mw	61 km SW of Sandspit, BC
2013-04-13 10:36:33	52.519	-131.912	3.3	2.9 ML	81 km S of Sandspit, BC
2013-04-14 22:09:26	52.730	-132.266	21.3	3.7 ML	65 km SW of Sandspit, BC
2013-04-17 06:29:25	52.836	-132.213	22.4	2.8 ML	53 km SW of Sandspit, BC
2013-04-18 01:43:16	52.519	-131.939	9.1	2.7 ML	81 km S of Sandspit, BC
2013-04-19 16:54:47	52.642	-132.016	9.5	2.7 ML	68 km SSW of Sandspit, BC
2013-04-19 17:26:26	52.626	-132.030	11.0	2.8 ML	70 km SSW of Sandspit, BC

2013-04-19 22:49:13	52.910	-132.665	14.7	2.8 ML	68 km WSW of Sandspit, BC
2013-04-20 23:43:14	52.526	-131.901	13.4	3.3 ML	80 km S of Sandspit, BC
2013-04-22 11:08:31	52.737	-132.239	20.8	2.7 ML	63 km SW of Sandspit, BC
2013-04-22 22:51:17	52.976	-132.547	25.3	3.1 ML	57 km WSW of Sandspit, BC
2013-04-25 02:02:45	52.970	-132.603	20.0	3.8 ML	61 km WSW of Sandspit, BC
2013-05-01 05:47:27	52.736	-132.226	22.9	2.6 ML	63 km SW of Sandspit, BC
2013-05-06 19:32:28	52.460	-131.776	21.1	2.5 ML	87 km S of Sandspit, BC
2013-05-07 13:42:37	52.785	-132.339	18.5	2.7 ML	62 km SW of Sandspit, BC
2013-05-09 13:31:52	52.820	-132.262	24.4	3.3 ML	56 km SW of Sandspit, BC
2013-05-09 15:00:42	52.774	-132.238	19.9	2.5 ML	59 km SW of Sandspit, BC
2013-05-10 08:27:21	52.585	-132.037	23.3	2.6 ML	75 km SSW of Sandspit, BC
2013-05-14 05:15:49	52.829	-132.370	18.6	2.7 ML	59 km SW of Sandspit, BC
2013-05-14 12:29:58	52.758	-132.259	21.1	2.7 ML	62 km SW of Sandspit, BC
2013-05-14 16:22:11	52.792	-132.335	20.9	2.6 ML	61 km SW of Sandspit, BC
2013-05-15 12:17:37	52.503	-131.916	18.5	2.7 ML	83 km S of Sandspit, BC
2013-05-16 02:19:35	52.593	-132.067	21.8	2.6 ML	75 km SSW of Sandspit, BC
2013-05-20 08:51:45	52.967	-132.628	22.4	3.4 ML	62 km WSW of Sandspit, BC
2013-06-07 18:46:04	52.492	-132.555	23.8	2.9 ML	97 km SW of Sandspit, BC
2013-06-12 19:32:20	52.798	-132.344	24.2	3.4 ML	61 km SW of Sandspit, BC
2013-06-18 13:51:21	52.605	-132.738	33.5	2.5 ML	94 km SW of Sandspit, BC
2013-06-18 13:58:01	52.643	-132.720	33.5	2.5 ML	90 km SW of Sandspit, BC
2013-06-24 23:40:06	52.726	-132.245	21.9	2.8 ML	65 km SW of Sandspit, BC
2013-07-01 15:25:56	52.796	-132.326	23.4	2.8 ML	60 km SW of Sandspit, BC
2013-07-04 04:44:45	52.730	-132.238	22.2	2.9 ML	64 km SW of Sandspit, BC
2013-07-08 09:43:45	52.747	-132.252	23.7	2.7 ML	63 km SW of Sandspit, BC
2013-07-09 06:52:11	52.766	-132.286	23.1	3.1 ML	62 km SW of Sandspit, BC
2013-07-09 18:34:35	52.769	-132.264	22.7	3.2 ML	61 km SW of Sandspit, BC
2013-07-10 09:44:05	52.719	-132.875	33.2	2.8 ML	92 km WSW of Sandspit, BC
2013-07-11 03:22:43	52.512	-131.867	21.8	3.1 ML	82 km S of Sandspit, BC
2013-07-14 14:54:02	53.212	-133.030	23.5	3.1 ML	80 km W of Sandspit, BC
2013-07-16 23:26:28	52.475	-132.503	25.3	3.7 ML	97 km SW of Sandspit, BC
2013-07-18 23:47:15	52.538	-131.897	10.8	2.5 ML	79 km S of Sandspit, BC
2013-07-19 00:10:33	52.989	-132.586	22.9	3.4 ML	59 km WSW of Sandspit, BC
2013-07-19 15:15:04	52.667	-132.062	16.5	3.1 ML	66 km SSW of Sandspit, BC
2013-07-19 23:58:29	52.736	-132.256	23.2	2.7 ML	64 km SW of Sandspit, BC
2013-07-22 21:14:11	52.593	-132.056	20.6	2.7 ML	74 km SSW of Sandspit, BC
2013-07-27 16:30:54	52.593	-132.046	21.1	2.6 ML	74 km SSW of Sandspit, BC
2013-07-29 20:43:33	52.598	-132.056	20.8	2.5 ML	74 km SSW of Sandspit, BC

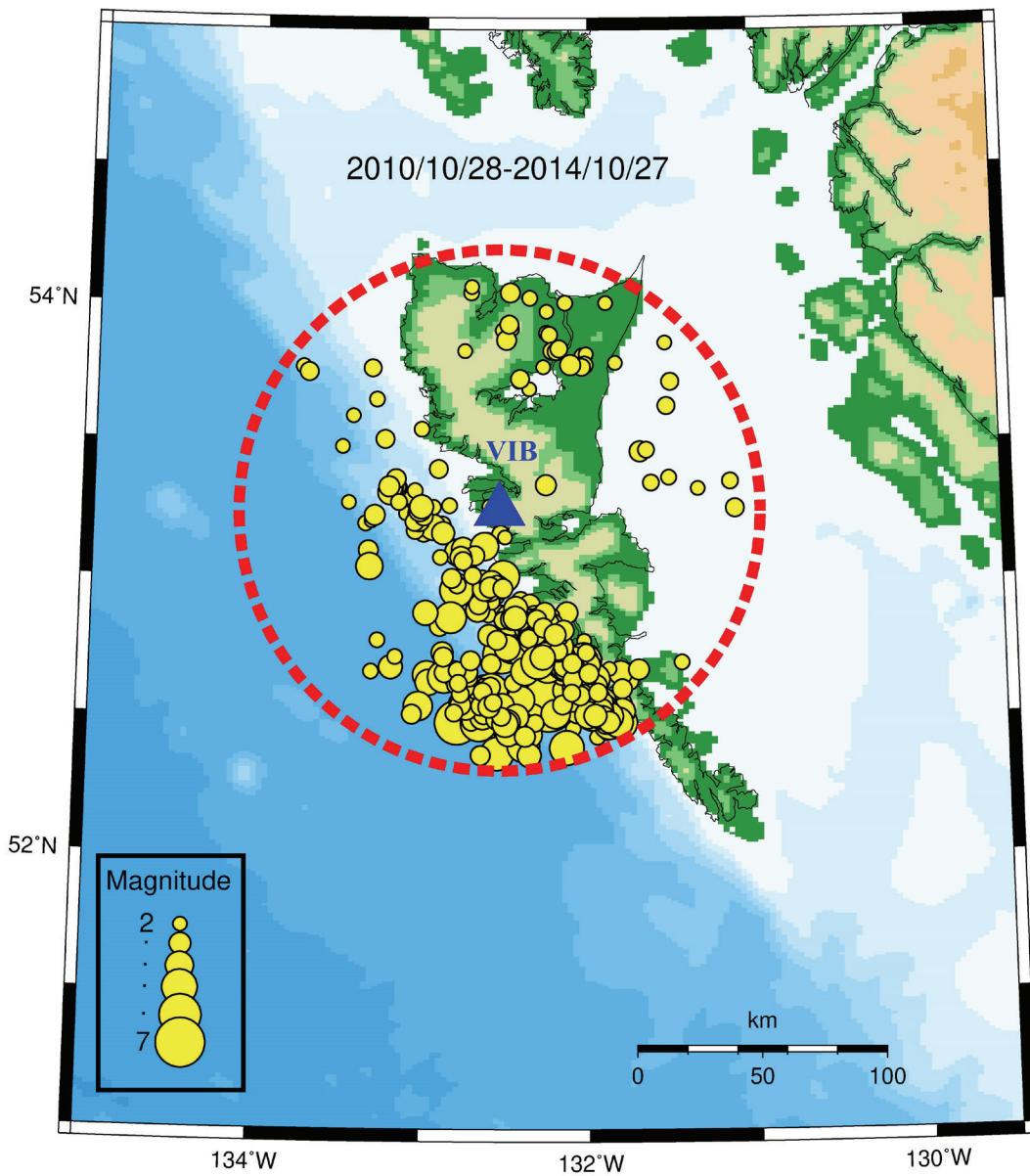
2013-07-30 08:48:14	52.768	-132.233	21.4	2.6 ML	60 km SW of Sandspit, BC
2013-07-31 15:10:03	52.791	-132.316	23.3	2.5 ML	61 km SW of Sandspit, BC
2013-08-03 12:26:26	52.747	-132.352	25.4	3.1 ML	66 km SW of Sandspit, BC
2013-08-05 10:38:04	52.509	-133.061	20.0	2.8 ML	117 km WSW of Sandspit, BC
2013-08-08 10:16:24	53.259	-131.113	0.0	2.6 ML	46 km E of Sandspit, BC
2013-08-13 20:08:58	52.541	-131.911	15.9	2.7 ML	79 km S of Sandspit, BC
2013-08-13 21:54:18	52.539	-131.941	10.3	2.8 ML	79 km S of Sandspit, BC
2013-08-14 13:18:35	52.664	-132.732	33.6	3.0 ML	89 km WSW of Sandspit, BC
2013-08-16 06:05:39	52.984	-132.554	23.2	2.5 ML	57 km WSW of Sandspit, BC
2013-08-17 02:19:15	52.588	-132.001	14.0	3.4 ML	74 km SSW of Sandspit, BC
2013-08-19 03:41:09	53.067	-132.759	22.9	2.6 ML	66 km W of Sandspit, BC
2013-08-26 16:29:01	52.610	-132.591	32.9	2.7 ML	88 km SW of Sandspit, BC
2013-08-31 21:35:27	52.620	-132.047	14.5	3.1 ML	71 km SSW of Sandspit, BC
2013-09-05 16:20:29	52.773	-132.268	22.9	2.6 ML	61 km SW of Sandspit, BC
2013-09-09 00:19:14	52.557	-132.017	10.8	2.6 ML	78 km SSW of Sandspit, BC
2013-09-12 06:53:52	52.751	-132.259	19.6	2.5 ML	62 km SW of Sandspit, BC
2013-09-12 08:54:17	52.716	-132.407	10.0	3.0 Mw	71 km SW of Sandspit, BC
2013-09-12 12:46:47	52.541	-132.648	22.7	2.7 ML	96 km SW of Sandspit, BC
2013-09-14 17:35:41	52.617	-132.059	14.6	2.6 ML	72 km SSW of Sandspit, BC
2013-09-18 04:45:36	52.737	-132.219	22.3	4.5 Mw	63 km SW of Sandspit, BC
2013-09-21 17:49:45	52.504	-131.881	14.8	4.0 ML	83 km S of Sandspit, BC
2013-09-22 23:09:57	52.582	-131.993	12.5	2.9 ML	75 km SSW of Sandspit, BC
2013-09-28 20:44:10	52.752	-132.491	29.2	3.7 ML	71 km SW of Sandspit, BC
2013-10-15 02:06:15	52.659	-132.046	22.1	2.7 ML	67 km SSW of Sandspit, BC
2013-10-18 07:17:48	52.708	-132.244	23.7	3.8 ML	66 km SW of Sandspit, BC
2013-10-23 10:27:03	52.666	-132.384	21.0	3.9 Mw	75 km SW of Sandspit, BC
2013-10-26 13:53:12	52.798	-132.603	17.3	3.0 ML	72 km WSW of Sandspit, BC
2013-10-26 14:02:43	52.539	-132.024	15.9	2.9 ML	80 km SSW of Sandspit, BC
2013-10-30 03:39:57	52.498	-131.940	8.8	2.6 ML	84 km S of Sandspit, BC
2013-11-01 04:48:38	52.500	-131.961	12.6	2.8 ML	84 km S of Sandspit, BC
2013-11-04 11:53:11	52.506	-131.951	11.4	3.4 ML	83 km S of Sandspit, BC
2013-11-11 05:09:12	52.784	-132.254	24.0	2.6 ML	59 km SW of Sandspit, BC
2013-11-11 19:25:51	52.502	-131.944	11.0	2.6 ML	83 km S of Sandspit, BC
2013-11-12 05:11:42	52.972	-132.597	20.9	2.9 ML	60 km WSW of Sandspit, BC
2013-11-15 12:13:12	52.655	-132.034	23.6	2.6 ML	67 km SSW of Sandspit, BC
2013-11-20 23:43:23	52.842	-132.218	23.8	2.8 ML	52 km SW of Sandspit, BC
2013-11-22 14:44:04	52.819	-132.324	24.4	3.5 ML	58 km SW of Sandspit, BC
2013-12-16 04:34:16	52.583	-131.991	22.6	3.0 ML	75 km SSW of Sandspit, BC

2013-12-20 02:19:34	52.533	-131.940	13.9	2.7 ML	80 km S of Sandspit, BC
2014-01-04 14:52:28	52.758	-132.244	24.9	2.9 ML	61 km SW of Sandspit, BC
2014-01-05 23:06:32	52.675	-132.137	24.6	3.1 ML	67 km SSW of Sandspit, BC
2014-01-06 01:45:56	52.675	-132.154	22.6	3.3 ML	67 km SSW of Sandspit, BC
2014-01-18 07:53:47	53.781	-132.111	9.6	2.9 ML	26 km S of Masset, BC
2014-01-19 21:23:07	52.523	-131.964	20.9	2.9 ML	81 km SSW of Sandspit, BC
2014-01-20 05:27:14	52.669	-132.155	22.8	2.5 ML	68 km SSW of Sandspit, BC
2014-01-20 10:34:40	52.614	-132.068	10.9	2.6 ML	72 km SSW of Sandspit, BC
2014-01-21 07:50:43	52.592	-132.639	31.7	2.6 ML	91 km SW of Sandspit, BC
2014-01-24 06:47:51	52.641	-132.063	24.5	3.2 ML	69 km SSW of Sandspit, BC
2014-02-01 12:52:19	52.788	-132.283	24.5	2.5 ML	60 km SW of Sandspit, BC
2014-02-09 15:37:07	52.735	-132.264	25.1	3.9 ML	64 km SW of Sandspit, BC
2014-02-09 19:04:24	52.685	-132.148	21.5	2.9 ML	66 km SSW of Sandspit, BC
2014-02-11 13:03:54	52.519	-131.910	7.2	2.6 ML	81 km S of Sandspit, BC
2014-02-12 10:20:56	52.505	-131.911	9.3	2.9 ML	83 km S of Sandspit, BC
2014-02-13 02:27:03	52.510	-131.915	10.7	3.1 ML	82 km S of Sandspit, BC
2014-02-13 04:19:12	52.509	-131.911	8.5	2.7 ML	82 km S of Sandspit, BC
2014-02-13 10:46:38	52.528	-131.918	10.8	2.9 ML	80 km S of Sandspit, BC
2014-02-13 11:39:10	52.535	-131.912	11.5	2.6 ML	79 km S of Sandspit, BC
2014-02-17 22:41:58	52.554	-131.912	15.5	2.6 ML	77 km S of Sandspit, BC
2014-02-18 14:29:42	52.609	-132.107	1.4	2.5 ML	73 km SSW of Sandspit, BC
2014-02-25 02:34:43	52.981	-132.795	13.2	2.5 ML	71 km WSW of Sandspit, BC
2014-02-27 23:00:59	52.853	-132.415	23.2	2.9 ML	59 km WSW of Sandspit, BC
2014-02-28 09:30:02	52.795	-132.330	23.1	2.5 ML	61 km SW of Sandspit, BC
2014-03-03 02:04:09	52.778	-132.330	21.7	2.5 ML	62 km SW of Sandspit, BC
2014-03-03 02:24:35	52.860	-132.445	22.5	3.4 ML	60 km WSW of Sandspit, BC
2014-03-03 06:09:09	52.544	-132.770	24.9	2.9 ML	101 km SW of Sandspit, BC
2014-03-03 13:22:26	52.554	-132.101	22.4	2.6 ML	79 km SSW of Sandspit, BC
2014-03-03 23:20:04	52.537	-131.957	13.8	2.6 ML	79 km S of Sandspit, BC
2014-03-10 11:40:45	52.669	-132.790	29.2	2.5 ML	91 km WSW of Sandspit, BC
2014-03-22 00:59:18	52.438	-131.783	11.1	3.5 ML	90 km S of Sandspit, BC
2014-03-23 02:26:33	52.543	-131.977	18.3	2.7 ML	79 km SSW of Sandspit, BC
2014-03-26 15:23:18	52.698	-132.098	23.6	2.8 ML	64 km SSW of Sandspit, BC
2014-03-26 22:56:45	52.423	-131.776	10.0	4.6 ML	92 km S of Sandspit, BC
2014-03-29 01:06:24	52.461	-131.790	9.3	2.5 ML	87 km S of Sandspit, BC
2014-03-29 09:46:43	52.508	-132.007	17.4	3.8 ML	83 km SSW of Sandspit, BC
2014-04-01 10:44:09	52.587	-132.062	19.7	2.5 ML	75 km SSW of Sandspit, BC
2014-04-06 04:47:19	52.587	-132.038	19.7	2.6 ML	75 km SSW of Sandspit, BC

2014-04-09 02:15:28	52.757	-132.281	22.1	2.6 ML	63 km SW of Sandspit, BC
2014-04-09 07:15:36	52.529	-131.921	20.2	2.9 ML	80 km S of Sandspit, BC
2014-04-14 02:35:38	52.682	-132.063	23.3	2.8 ML	65 km SSW of Sandspit, BC
2014-04-14 05:02:16	52.762	-132.288	22.8	2.9 ML	62 km SW of Sandspit, BC
2014-04-15 08:58:26	52.498	-131.919	20.1	3.3 ML	84 km S of Sandspit, BC
2014-04-25 05:12:38	52.757	-132.184	23.4	4.2 Mw	60 km SW of Sandspit, BC
2014-04-29 04:53:01	52.584	-132.771	24.9	2.5 ML	97 km SW of Sandspit, BC
2014-04-29 23:16:19	52.737	-132.248	18.9	2.5 ML	64 km SW of Sandspit, BC
2014-04-30 13:55:08	53.209	-133.054	16.5	2.6 ML	82 km W of Sandspit, BC
2014-04-30 14:02:58	53.228	-133.000	19.4	2.6 ML	78 km W of Sandspit, BC
2014-05-01 00:59:14	53.337	-133.213	24.0	2.9 ML	93 km W of Sandspit, BC
2014-05-01 23:32:03	52.783	-132.333	22.4	2.5 ML	62 km SW of Sandspit, BC
2014-05-08 13:34:46	52.482	-131.880	12.9	3.1 ML	85 km S of Sandspit, BC
2014-05-18 14:19:38	52.779	-132.341	21.2	3.8 ML	63 km SW of Sandspit, BC
2014-05-24 17:23:37	52.790	-132.184	23.7	2.6 ML	56 km SW of Sandspit, BC
2014-05-26 12:57:56	52.781	-132.552	24.0	2.8 ML	71 km WSW of Sandspit, BC
2014-05-27 20:46:24	52.801	-132.318	22.6	2.8 ML	60 km SW of Sandspit, BC
2014-05-28 23:06:59	52.786	-132.361	22.2	2.6 ML	63 km SW of Sandspit, BC
2014-05-29 09:47:27	52.578	-132.053	20.8	2.8 ML	76 km SSW of Sandspit, BC
2014-06-03 09:34:51	52.503	-132.525	25.4	2.6 ML	95 km SW of Sandspit, BC
2014-06-11 17:36:29	52.546	-132.161	15.7	2.7 ML	81 km SSW of Sandspit, BC
2014-07-01 07:49:00	52.407	-131.776	24.9	2.6 ML	93 km S of Sandspit, BC
2014-07-04 10:03:44	52.735	-132.267	23.1	2.9 ML	64 km SW of Sandspit, BC
2014-07-08 07:02:18	52.623	-132.783	25.5	2.5 ML	95 km WSW of Sandspit, BC
2014-07-08 12:57:06	52.429	-132.383	21.2	2.9 ML	98 km SW of Sandspit, BC
2014-07-12 18:24:33	52.844	-132.232	23.5	2.5 ML	53 km SW of Sandspit, BC
2014-07-15 03:16:00	52.679	-132.083	22.6	2.7 ML	65 km SSW of Sandspit, BC
2014-07-23 08:52:29	52.858	-132.303	25.7	3.0 ML	54 km SW of Sandspit, BC
2014-07-24 04:47:21	53.015	-132.701	32.3	2.5 ML	64 km WSW of Sandspit, BC
2014-07-25 18:20:09	52.506	-131.963	24.6	3.2 ML	83 km S of Sandspit, BC
2014-08-06 20:10:46	52.636	-132.099	21.6	2.8 ML	70 km SSW of Sandspit, BC
2014-08-08 08:17:17	52.360	-132.252	31.1	2.6 ML	103 km SSW of Sandspit, BC
2014-08-13 14:20:02	52.697	-132.100	22.7	2.7 ML	64 km SSW of Sandspit, BC
2014-08-14 04:22:28	52.881	-132.267	24.7	2.9 ML	50 km SW of Sandspit, BC
2014-08-21 07:23:35	52.742	-132.185	24.1	2.6 ML	61 km SW of Sandspit, BC
2014-08-23 03:38:02	52.816	-132.153	25.1	2.9 ML	53 km SW of Sandspit, BC
2014-08-25 04:19:02	52.855	-132.313	22.8	2.8 ML	55 km SW of Sandspit, BC
2014-08-25 18:17:22	53.004	-132.827	16.8	2.8 ML	72 km WSW of Sandspit, BC

2014-08-31 12:44:17	52.825	-132.274	23.4	2.7 ML	56 km SW of Sandspit, BC
2014-09-01 14:57:09	52.589	-132.104	9.9	2.5 ML	76 km SSW of Sandspit, BC
2014-09-15 14:06:20	52.735	-132.017	24.1	2.5 ML	58 km SSW of Sandspit, BC
2014-09-16 09:54:27	52.658	-132.002	13.6	2.7 ML	67 km SSW of Sandspit, BC
2014-09-18 13:15:23	53.252	-133.023	21.5	3.2 ML	80 km W of Sandspit, BC
2014-09-18 19:05:42	53.264	-133.015	21.3	3.3 ML	79 km W of Sandspit, BC
2014-09-19 02:26:47	52.537	-132.601	28.4	3.1 ML	95 km SW of Sandspit, BC
2014-09-22 00:03:19	53.928	-132.486	9.6	2.6 ML	24 km WSW of Masset, BC
2014-09-27 21:05:38	52.701	-132.309	23.3	4.7 Mw	69 km SW of Sandspit, BC
2014-09-28 00:25:58	52.717	-132.278	22.3	3.5 ML	66 km SW of Sandspit, BC
2014-09-29 14:24:29	52.706	-132.711	40.1	2.7 ML	85 km WSW of Sandspit, BC
2014-09-29 18:28:43	52.591	-131.948	12.6	2.6 ML	73 km SSW of Sandspit, BC
2014-10-13 06:28:04	52.800	-132.203	24.2	3.0 ML	56 km SW of Sandspit, BC
2014-10-14 10:20:34	52.968	-132.518	22.0	2.7 ML	56 km WSW of Sandspit, BC
2014-10-14 22:09:13	52.514	-132.809	21.5	2.5 ML	105 km SW of Sandspit, BC
2014-10-21 04:42:50	52.553	-132.575	25.4	2.5 ML	92 km SW of Sandspit, BC

### Station VIB



Date/Time (UTC)	Latitude (°)	Longitude (°)	Depth (km)	Magnitude	Description
2010-10-29 01:22:23	53.976	-132.255	1.0	2.0 ML	8 km WSW of Masset, BC
2010-11-01 11:11:04	53.104	-133.333	20.0	2.7 ML	102 km W of Sandspit, BC
2010-11-01 11:19:50	53.047	-133.325	20.0	3.8 ML	103 km W of Sandspit, BC
2010-11-04 18:15:46	52.595	-132.006	20.0	2.0 ML	74 km SSW of Sandspit, BC
2010-11-06 19:10:14	52.649	-132.128	20.0	2.0 ML	70 km SSW of Sandspit, BC
2010-11-12 22:58:06	52.883	-132.531	20.0	2.0 ML	62 km WSW of Sandspit, BC
2010-11-23 11:41:31	52.763	-132.306	20.0	2.0 ML	63 km SW of Sandspit, BC

2010-12-03 02:40:53	53.269	-132.845	20.0	2.2 ML	68 km W of Sandspit, BC
2010-12-06 03:19:49	52.670	-132.173	20.0	2.2 ML	68 km SSW of Sandspit, BC
2010-12-16 20:55:57	53.831	-132.757	20.0	2.0 ML	44 km WSW of Masset, BC
2010-12-17 13:43:39	52.700	-131.442	20.0	2.2 ML	66 km SE of Sandspit, BC
2010-12-20 22:11:03	53.230	-133.063	20.0	2.4 ML	83 km W of Sandspit, BC
2010-12-23 12:29:49	54.006	-131.893	0.9	2.0 ML	16 km E of Masset, BC
2010-12-28 23:25:26	52.778	-132.030	16.7	2.0 ML	54 km SSW of Sandspit, BC
2011-01-04 14:24:35	52.664	-133.311	10.0	2.2 ML	119 km WSW of Sandspit, BC
2011-01-04 16:02:50	52.779	-133.273	20.0	2.2 ML	110 km WSW of Sandspit, BC
2011-01-04 18:08:15	54.006	-132.142	12.6	2.1 ML	1 km SE of Masset, BC
2011-01-05 17:04:45	52.512	-132.092	20.0	2.0 ML	84 km SSW of Sandspit, BC
2011-01-11 09:55:23	53.332	-131.338	0.0	2.0 ML	33 km E of Sandspit, BC
2011-01-12 14:58:59	52.532	-132.061	20.0	2.0 ML	81 km SSW of Sandspit, BC
2011-01-14 04:03:35	52.465	-131.848	20.0	2.0 ML	87 km S of Sandspit, BC
2011-01-20 18:01:38	53.547	-133.017	20.0	2.2 ML	77 km WSW of Masset, BC
2011-01-22 18:13:04	52.630	-131.756	20.0	2.4 ML	69 km S of Sandspit, BC
2011-01-23 06:17:46	52.489	-131.935	20.0	2.3 ML	85 km S of Sandspit, BC
2011-02-03 16:39:13	53.357	-131.141	5.4	2.3 ML	46 km E of Sandspit, BC
2011-02-05 15:30:08	53.788	-131.835	0.0	2.0 ML	32 km SE of Masset, BC
2011-02-14 10:09:48	53.203	-133.353	20.0	2.1 ML	102 km W of Sandspit, BC
2011-02-14 12:24:40	53.212	-133.317	20.0	2.0 ML	100 km W of Sandspit, BC
2011-02-27 23:23:05	52.761	-132.177	20.0	2.3 ML	59 km SW of Sandspit, BC
2011-02-28 00:36:25	52.742	-132.221	20.0	2.2 ML	62 km SW of Sandspit, BC
2011-03-02 04:45:32	53.239	-133.108	20.0	2.0 ML	85 km W of Sandspit, BC
2011-03-13 20:47:58	52.428	-131.952	20.0	2.1 ML	92 km S of Sandspit, BC
2011-03-14 02:55:19	53.141	-132.616	20.0	2.5 ML	54 km W of Sandspit, BC
2011-03-15 07:56:04	53.297	-133.113	20.0	2.1 ML	86 km W of Sandspit, BC
2011-03-15 20:44:28	53.324	-133.175	20.0	2.2 ML	90 km W of Sandspit, BC
2011-03-15 20:44:49	53.331	-133.161	20.0	2.7 ML	89 km W of Sandspit, BC
2011-03-15 20:51:54	53.322	-133.189	20.0	2.6 ML	91 km W of Sandspit, BC
2011-03-15 20:53:13	53.324	-133.179	20.0	2.5 ML	91 km W of Sandspit, BC
2011-03-15 21:02:00	53.336	-133.155	20.0	2.1 ML	89 km W of Sandspit, BC
2011-03-15 21:41:19	53.316	-133.203	20.0	3.5 ML	92 km W of Sandspit, BC
2011-03-15 21:43:05	53.335	-133.176	20.0	2.3 ML	90 km W of Sandspit, BC
2011-03-15 22:26:04	53.334	-133.181	20.0	2.0 ML	91 km W of Sandspit, BC
2011-03-15 22:51:21	53.331	-133.194	20.0	2.0 ML	92 km W of Sandspit, BC
2011-03-16 17:39:19	53.328	-133.176	20.0	2.0 ML	90 km W of Sandspit, BC
2011-03-17 07:02:33	52.721	-132.294	20.0	2.2 ML	66 km SW of Sandspit, BC

2011-03-17 07:11:46	53.098	-132.789	20.0	3.8 ML	67 km W of Sandspit, BC
2011-03-19 00:00:17	53.770	-133.744	20.0	2.2 ML	108 km W of Masset, BC
2011-03-20 06:49:40	53.632	-131.524	0.1	2.4 ML	46 km NE of Sandspit, BC
2011-03-27 16:12:34	53.201	-132.885	20.0	2.3 ML	71 km W of Sandspit, BC
2011-03-30 15:12:23	53.199	-132.982	20.0	2.2 ML	77 km W of Sandspit, BC
2011-03-30 19:16:56	53.189	-132.987	20.0	2.5 ML	78 km W of Sandspit, BC
2011-03-30 20:49:37	53.205	-132.974	20.0	2.4 ML	77 km W of Sandspit, BC
2011-04-10 00:50:24	53.007	-132.674	20.0	2.0 ML	63 km WSW of Sandspit, BC
2011-04-17 03:26:05	52.472	-131.797	20.0	2.6 ML	86 km S of Sandspit, BC
2011-04-21 17:21:15	53.280	-133.152	20.0	2.3 ML	88 km W of Sandspit, BC
2011-05-03 21:05:58	53.113	-132.629	20.0	2.6 ML	56 km W of Sandspit, BC
2011-06-01 04:58:54	53.051	-132.728	20.0	2.1 ML	64 km WSW of Sandspit, BC
2011-06-01 10:19:26	52.641	-132.106	20.0	2.3 ML	70 km SSW of Sandspit, BC
2011-06-03 22:59:54	52.536	-132.233	20.0	4.0 Mw	84 km SSW of Sandspit, BC
2011-06-09 12:37:26	52.816	-132.417	20.0	2.1 ML	62 km SW of Sandspit, BC
2011-06-17 06:08:58	53.082	-132.789	20.0	2.1 ML	67 km W of Sandspit, BC
2011-06-18 00:46:52	53.166	-132.532	20.0	2.5 ML	48 km W of Sandspit, BC
2011-07-02 13:28:48	53.913	-132.472	14.4	2.2 ML	24 km WSW of Masset, BC
2011-07-03 15:45:08	52.538	-132.296	20.0	2.9 ML	85 km SW of Sandspit, BC
2011-07-10 01:24:58	52.680	-133.190	20.0	3.4 ML	111 km WSW of Sandspit, BC
2011-07-14 08:09:19	52.599	-132.236	20.0	2.3 ML	77 km SSW of Sandspit, BC
2011-07-21 18:53:55	52.619	-132.155	20.0	3.3 ML	73 km SSW of Sandspit, BC
2011-07-22 05:44:39	52.632	-132.130	20.0	2.2 ML	71 km SSW of Sandspit, BC
2011-07-22 07:40:18	53.278	-133.454	20.0	2.0 ML	109 km W of Sandspit, BC
2011-07-27 00:38:19	52.853	-132.358	20.0	2.0 ML	57 km SW of Sandspit, BC
2011-07-29 07:37:52	52.949	-132.578	20.0	3.3 ML	60 km WSW of Sandspit, BC
2011-07-29 12:00:26	53.721	-131.499	19.2	2.4 ML	53 km ESE of Masset, BC
2011-07-30 01:55:26	52.952	-132.554	20.0	2.1 ML	59 km WSW of Sandspit, BC
2011-08-03 09:46:52	53.897	-132.255	8.7	2.1 ML	14 km SW of Masset, BC
2011-08-22 20:21:04	53.510	-133.239	20.0	2.6 ML	91 km WSW of Masset, BC
2011-08-24 11:24:07	54.025	-132.358	12.1	2.1 ML	13 km W of Masset, BC
2011-08-27 03:58:42	53.081	-132.898	10.0	2.1 ML	74 km W of Sandspit, BC
2011-08-27 12:36:13	52.559	-133.024	20.0	2.0 ML	111 km WSW of Sandspit, BC
2011-09-04 02:28:26	53.862	-131.530	2.6	2.0 ML	44 km ESE of Masset, BC
2011-09-05 18:11:27	53.481	-133.496	16.8	2.0 ML	106 km WSW of Masset, BC
2011-09-07 18:41:53	53.155	-132.506	20.0	2.0 ML	47 km W of Sandspit, BC
2011-09-18 12:27:02	52.719	-133.165	20.0	2.2 ML	107 km WSW of Sandspit, BC
2011-09-19 21:11:30	52.643	-132.267	20.0	2.6 ML	74 km SW of Sandspit, BC

2011-09-19 21:41:17	52.560	-132.756	20.0	2.8 ML	99 km SW of Sandspit, BC
2011-09-22 08:27:10	53.891	-132.238	0.0	2.3 ML	15 km SW of Masset, BC
2011-09-22 08:33:23	53.010	-132.641	20.0	2.0 ML	61 km WSW of Sandspit, BC
2011-10-01 03:17:51	52.448	-131.893	20.0	2.3 ML	89 km S of Sandspit, BC
2011-10-04 17:17:17	53.774	-132.275	0.0	2.0 ML	28 km SSW of Masset, BC
2011-10-14 00:50:00	53.467	-131.689	15.1	2.9 ML	25 km NNE of Sandspit, BC
2011-10-16 01:39:26	53.473	-131.647	1.0	2.3 ML	27 km NE of Sandspit, BC
2011-10-21 08:33:16	53.593	-133.436	20.0	2.0 ML	96 km WSW of Masset, BC
2011-10-22 07:06:32	53.833	-132.224	9.6	2.5 ML	21 km SSW of Masset, BC
2011-10-23 05:42:17	53.831	-132.195	0.0	2.5 ML	20 km SSW of Masset, BC
2011-10-24 07:32:27	53.907	-132.523	0.0	2.2 ML	27 km WSW of Masset, BC
2011-10-30 00:47:41	52.532	-131.819	20.0	2.1 ML	79 km S of Sandspit, BC
2011-11-01 19:45:00	53.693	-132.363	0.0	2.0 ML	38 km SSW of Masset, BC
2011-11-03 08:00:17	53.350	-131.624	19.9	2.0 ML	17 km ENE of Sandspit, BC
2011-11-03 08:01:15	53.371	-131.513	1.0	2.1 ML	24 km ENE of Sandspit, BC
2011-11-06 00:24:40	53.815	-132.038	0.0	2.1 ML	23 km SSE of Masset, BC
2011-11-06 00:43:18	53.821	-132.013	0.0	2.0 ML	23 km SE of Masset, BC
2011-11-06 05:40:42	53.364	-133.171	20.0	2.8 ML	90 km W of Sandspit, BC
2011-11-06 07:54:05	53.781	-132.054	0.0	2.1 ML	27 km SSE of Masset, BC
2011-11-07 03:50:33	53.840	-132.180	0.0	2.5 ML	19 km S of Masset, BC
2011-11-10 12:16:45	53.112	-132.762	20.0	3.2 ML	64 km W of Sandspit, BC
2011-11-10 12:48:08	53.121	-132.630	20.0	3.9 ML	56 km W of Sandspit, BC
2011-11-13 09:18:26	53.265	-132.599	20.0	2.2 ML	52 km W of Sandspit, BC
2011-11-24 20:10:09	52.880	-132.132	20.0	3.1 ML	46 km SW of Sandspit, BC
2011-11-24 22:53:17	52.832	-132.256	20.0	2.1 ML	55 km SW of Sandspit, BC
2011-12-21 06:49:17	53.871	-132.502	20.0	2.7 ML	28 km WSW of Masset, BC
2012-01-06 05:14:04	52.645	-132.000	20.0	2.4 ML	68 km SSW of Sandspit, BC
2012-01-07 01:10:43	53.402	-132.911	20.0	2.6 ML	74 km W of Sandspit, BC
2012-01-15 00:15:26	53.720	-132.425	20.0	2.0 ML	37 km SW of Masset, BC
2012-01-15 13:19:25	53.322	-133.053	20.0	2.1 ML	82 km W of Sandspit, BC
2012-01-21 10:20:27	53.352	-131.621	20.0	2.3 ML	17 km ENE of Sandspit, BC
2012-02-01 08:10:42	52.657	-131.819	20.0	2.1 ML	66 km S of Sandspit, BC
2012-02-01 08:22:26	52.663	-131.811	20.0	3.3 ML	65 km S of Sandspit, BC
2012-02-17 01:02:27	54.044	-132.479	25.0	2.8 ML	21 km W of Masset, BC
2012-03-03 07:10:02	52.677	-131.880	20.0	2.0 ML	63 km S of Sandspit, BC
2012-03-23 17:06:50	53.088	-132.688	20.0	2.7 ML	60 km W of Sandspit, BC
2012-04-10 00:39:31	52.515	-131.943	20.0	2.5 ML	82 km S of Sandspit, BC
2012-04-29 01:10:44	52.868	-132.225	20.0	2.2 ML	50 km SW of Sandspit, BC

2012-05-05 11:33:18	53.172	-132.999	20.0	2.7 ML	79 km W of Sandspit, BC
2012-05-05 20:41:04	53.731	-132.419	20.0	2.6 ML	36 km SW of Masset, BC
2012-05-15 23:02:13	52.459	-132.096	20.0	2.2 ML	89 km SSW of Sandspit, BC
2012-06-15 20:54:34	52.673	-131.703	18.0	2.9 ML	64 km S of Sandspit, BC
2012-06-23 15:14:01	54.043	-132.717	2.0	2.1 ML	37 km W of Masset, BC
2012-06-28 14:36:55	52.564	-131.839	19.6	2.0 ML	76 km S of Sandspit, BC
2012-06-30 13:25:36	53.781	-132.023	14.8	2.5 ML	27 km SSE of Masset, BC
2012-07-12 13:35:10	53.654	-133.290	20.0	2.2 ML	85 km WSW of Masset, BC
2012-08-08 03:52:05	53.190	-132.943	20.0	3.7 ML	75 km W of Sandspit, BC
2012-09-01 16:05:48	52.915	-132.435	20.0	2.2 ML	55 km WSW of Sandspit, BC
2012-09-01 16:09:22	52.873	-132.607	20.0	2.2 ML	67 km WSW of Sandspit, BC
2012-09-01 16:15:44	52.910	-132.446	20.0	2.3 ML	56 km WSW of Sandspit, BC
2012-09-01 17:18:19	52.925	-132.411	20.0	2.5 ML	53 km WSW of Sandspit, BC
2012-09-11 12:27:11	53.768	-133.321	20.0	2.4 ML	81 km WSW of Masset, BC
2012-09-28 16:18:22	52.859	-132.425	20.0	2.7 ML	59 km WSW of Sandspit, BC
2012-10-01 13:42:05	52.920	-132.583	20.0	2.2 ML	63 km WSW of Sandspit, BC
2012-10-13 15:27:06	53.751	-133.710	20.0	2.6 ML	106 km W of Masset, BC
2012-10-14 06:40:40	53.773	-132.042	1.0	2.4 ML	28 km SSE of Masset, BC
2012-10-20 08:52:37	54.065	-132.716	24.5	2.0 ML	37 km W of Masset, BC
2012-10-21 00:57:12	53.344	-132.258	20.0	2.9 ML	31 km WNW of Sandspit, BC
2012-10-21 12:48:02	53.262	-132.942	26.7	2.2 ML	74 km W of Sandspit, BC
2012-10-25 09:15:24	53.169	-132.882	20.0	3.2 ML	71 km W of Sandspit, BC
2012-10-28 03:04:06	52.547	-132.243	23.2	7.8 Mw	80 km S of Village of Queen Charlotte, BC
2012-10-28 03:32:39	52.545	-131.834	19.7	4.3 ML	78 km S of Sandspit, BC
2012-10-28 03:38:10	52.481	-131.814	26.0	4.8 ML	85 km S of Sandspit, BC
2012-10-28 04:21:52	52.524	-131.847	20.0	4.0 ML	80 km S of Sandspit, BC
2012-10-28 04:29:49	52.522	-131.803	20.0	3.7 ML	81 km S of Sandspit, BC
2012-10-28 04:49:10	52.477	-131.881	15.8	4.4 ML	86 km S of Sandspit, BC
2012-10-28 04:51:47	52.532	-132.059	12.5	4.3 ML	81 km SSW of Sandspit, BC
2012-10-28 04:53:14	52.639	-131.965	1.0	4.3 ML	68 km SSW of Sandspit, BC
2012-10-28 07:12:08	52.389	-132.135	28.6	4.9 Mw	98 km SSW of Sandspit, BC
2012-10-28 07:16:34	52.598	-132.633	23.9	4.2 ML	90 km SW of Sandspit, BC
2012-10-28 09:45:36	52.771	-132.339	20.5	4.9 Mw	63 km SW of Sandspit, BC
2012-10-28 10:45:49	52.535	-132.547	0.5	5.1 Mw	93 km SW of Sandspit, BC
2012-10-28 14:41:00	52.498	-132.342	18.4	3.9 ML	90 km SW of Sandspit, BC
2012-10-28 17:34:50	52.647	-132.128	21.7	4.1 ML	70 km SSW of Sandspit, BC
2012-10-28 18:54:16	52.480	-132.793	20.0	6.3 mb	107 km SW of Sandspit, BC

2012-10-28 18:57:30	52.561	-132.567	26.6	5.3 Mw	91 km SW of Sandspit, BC
2012-10-28 19:03:21	52.727	-132.524	31.6	5.4 Mw	75 km SW of Sandspit, BC
2012-10-28 19:09:44	52.468	-132.512	8.9	5.6 Mw	98 km SW of Sandspit, BC
2012-10-28 19:16:48	52.479	-132.659	16.2	5.2 Mw	102 km SW of Sandspit, BC
2012-10-28 21:38:24	52.961	-132.799	9.8	4.7 Mw	73 km WSW of Sandspit, BC
2012-10-28 23:24:36	52.513	-132.202	13.9	4.1 ML	86 km SSW of Sandspit, BC
2012-10-28 23:26:48	52.597	-132.587	26.1	4.7 Mw	89 km SW of Sandspit, BC
2012-10-28 23:31:41	52.483	-131.829	22.3	4.2 ML	85 km S of Sandspit, BC
2012-10-28 23:34:20	52.445	-132.468	23.9	4.7 Mw	99 km SW of Sandspit, BC
2012-10-30 03:08:28	52.909	-132.355	20.0	2.9 ML	52 km WSW of Sandspit, BC
2012-10-30 03:10:38	52.733	-132.883	20.0	3.1 ML	91 km WSW of Sandspit, BC
2012-10-31 04:48:38	52.366	-132.550	10.0	4.7 Mw	110 km SW of Sandspit, BC
2012-10-31 09:15:46	52.556	-131.920	10.0	3.9 ML	77 km S of Sandspit, BC
2012-10-31 16:25:27	52.653	-132.973	10.0	4.0 ML	102 km WSW of Sandspit, BC
2012-11-01 00:06:48	52.829	-132.900	35.8	2.7 ML	86 km WSW of Sandspit, BC
2012-11-01 00:07:54	52.665	-132.814	29.0	3.1 ML	93 km WSW of Sandspit, BC
2012-11-01 17:34:45	52.862	-132.832	26.0	4.4 Mw	80 km WSW of Sandspit, BC
2012-11-03 09:48:22	52.563	-132.410	29.6	3.9 ML	86 km SW of Sandspit, BC
2012-11-03 12:18:42	52.395	-132.392	26.2	4.6 Mw	102 km SW of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.6 ML	83 km SSW of Sandspit, BC
2012-11-04 07:42:11	52.509	-131.982	8.7	4.5 Mw	83 km SSW of Sandspit, BC
2012-11-04 09:14:17	52.766	-132.201	24.8	3.8 ML	59 km SW of Sandspit, BC
2012-11-04 12:05:28	52.625	-132.965	26.9	3.6 ML	103 km WSW of Sandspit, BC
2012-11-04 18:27:16	52.463	-132.421	8.9	4.8 Mw	96 km SW of Sandspit, BC
2012-11-06 15:47:10	52.539	-133.024	19.8	4.1 Mw	113 km WSW of Sandspit, BC
2012-11-07 15:04:21	52.646	-132.872	27.0	4.5 Mw	97 km WSW of Sandspit, BC
2012-11-09 06:29:07	52.603	-131.801	10.2	2.8 ML	72 km S of Sandspit, BC
2012-11-13 04:55:45	52.705	-132.033	22.3	5.1 Mw	62 km SSW of Sandspit, BC
2012-11-13 07:34:17	52.757	-132.463	42.8	4.7 Mw	69 km SW of Sandspit, BC
2012-11-15 14:28:45	52.755	-132.173	24.8	3.8 ML	60 km SW of Sandspit, BC
2012-11-18 17:04:47	52.435	-132.358	35.1	3.6 ML	97 km SSW of Sandspit, BC
2012-11-19 16:03:46	52.797	-132.210	25.4	3.2 ML	56 km SW of Sandspit, BC
2012-11-19 20:45:48	52.795	-132.315	23.8	2.7 ML	60 km SW of Sandspit, BC
2012-11-19 21:02:19	52.832	-132.373	21.8	3.4 ML	59 km SW of Sandspit, BC
2012-11-19 23:07:59	52.734	-132.227	25.2	2.9 ML	63 km SW of Sandspit, BC
2012-11-19 23:33:32	52.640	-132.800	32.8	3.0 ML	94 km WSW of Sandspit, BC
2012-11-22 03:22:00	52.860	-132.383	13.0	2.8 ML	57 km SW of Sandspit, BC
2012-11-22 13:02:42	52.837	-132.344	12.1	3.8 ML	57 km SW of Sandspit, BC

2012-11-23 00:15:36	52.362	-132.359	36.6	3.4 ML	105 km SSW of Sandspit, BC
2012-11-23 12:35:09	52.831	-132.406	23.0	3.6 ML	61 km SW of Sandspit, BC
2012-11-23 15:33:37	52.734	-132.234	21.3	3.7 ML	63 km SW of Sandspit, BC
2012-11-26 00:46:42	52.532	-131.899	17.1	2.7 ML	80 km S of Sandspit, BC
2012-11-26 05:46:51	52.720	-132.097	10.0	2.8 ML	61 km SSW of Sandspit, BC
2012-11-26 15:52:55	52.541	-131.897	18.9	2.9 ML	79 km S of Sandspit, BC
2012-11-26 16:45:55	52.523	-131.883	20.1	3.1 ML	81 km S of Sandspit, BC
2012-11-27 04:10:08	52.590	-131.989	20.3	2.9 ML	74 km SSW of Sandspit, BC
2012-11-30 01:59:36	52.586	-131.998	12.6	3.4 ML	74 km SSW of Sandspit, BC
2012-11-30 03:03:13	53.011	-132.517	22.2	4.5 Mw	53 km WSW of Sandspit, BC
2012-11-30 11:40:46	52.688	-132.051	18.7	3.0 ML	64 km SSW of Sandspit, BC
2012-11-30 14:42:25	52.614	-131.961	9.9	3.2 ML	71 km SSW of Sandspit, BC
2012-11-30 18:10:47	52.720	-132.085	23.9	2.9 ML	61 km SSW of Sandspit, BC
2012-11-30 21:45:50	52.714	-132.008	12.4	2.7 ML	61 km SSW of Sandspit, BC
2012-12-01 05:18:12	52.774	-132.179	23.3	3.1 ML	58 km SW of Sandspit, BC
2012-12-01 21:44:19	53.232	-133.298	20.0	2.9 ML	98 km W of Sandspit, BC
2012-12-02 08:41:30	52.684	-132.089	23.9	3.4 ML	65 km SSW of Sandspit, BC
2012-12-02 08:59:03	52.655	-132.744	34.1	2.8 ML	90 km WSW of Sandspit, BC
2012-12-02 12:11:50	52.679	-132.006	25.2	2.9 ML	64 km SSW of Sandspit, BC
2012-12-02 17:56:32	52.690	-132.008	24.3	3.5 ML	63 km SSW of Sandspit, BC
2012-12-03 00:44:45	52.780	-132.294	17.3	2.8 ML	61 km SW of Sandspit, BC
2012-12-03 23:07:54	52.820	-132.296	24.6	3.4 ML	57 km SW of Sandspit, BC
2012-12-04 09:57:24	52.819	-132.318	22.9	3.1 ML	58 km SW of Sandspit, BC
2012-12-04 18:32:00	52.720	-132.176	20.9	4.2 Mw	63 km SW of Sandspit, BC
2012-12-05 08:11:44	52.764	-132.372	24.1	3.5 ML	65 km SW of Sandspit, BC
2012-12-06 05:27:59	52.857	-132.463	21.2	4.6 Mw	61 km WSW of Sandspit, BC
2012-12-06 15:26:53	52.746	-132.244	22.5	3.0 ML	62 km SW of Sandspit, BC
2012-12-06 23:44:39	52.890	-132.672	16.1	3.3 ML	69 km WSW of Sandspit, BC
2012-12-07 00:52:46	52.484	-132.704	19.2	2.6 ML	104 km SW of Sandspit, BC
2012-12-07 15:58:53	52.822	-132.376	19.7	3.4 ML	60 km SW of Sandspit, BC
2012-12-08 00:47:10	52.681	-132.160	34.1	3.2 ML	67 km SSW of Sandspit, BC
2012-12-08 01:17:52	52.802	-132.354	21.3	3.3 ML	61 km SW of Sandspit, BC
2012-12-08 20:26:05	52.499	-132.637	25.4	3.5 ML	100 km SW of Sandspit, BC
2012-12-09 13:04:08	52.853	-132.324	24.2	4.1 Mw	55 km SW of Sandspit, BC
2012-12-09 15:06:42	52.850	-132.345	22.0	3.5 ML	56 km SW of Sandspit, BC
2012-12-10 00:37:54	52.816	-132.273	10.0	3.5 ML	57 km SW of Sandspit, BC
2012-12-10 07:46:46	53.081	-132.774	21.5	3.0 ML	66 km W of Sandspit, BC
2012-12-14 11:34:40	52.547	-132.658	26.8	3.1 ML	96 km SW of Sandspit, BC

2012-12-16 02:50:57	52.720	-132.234	21.4	4.6 Mw	65 km SW of Sandspit, BC
2012-12-16 03:43:50	52.618	-132.795	32.8	2.7 ML	96 km WSW of Sandspit, BC
2012-12-16 04:16:34	52.626	-132.742	33.7	2.6 ML	93 km SW of Sandspit, BC
2012-12-16 05:07:00	52.661	-132.868	32.1	2.8 ML	96 km WSW of Sandspit, BC
2012-12-16 07:54:29	52.558	-132.097	22.1	2.8 ML	79 km SSW of Sandspit, BC
2012-12-16 08:00:28	52.690	-132.214	23.0	3.0 ML	67 km SW of Sandspit, BC
2012-12-16 08:13:21	52.624	-132.456	14.1	2.5 ML	81 km SW of Sandspit, BC
2012-12-16 09:56:02	52.529	-131.971	16.3	2.6 ML	80 km SSW of Sandspit, BC
2012-12-16 16:25:28	52.666	-132.232	17.9	2.5 ML	70 km SW of Sandspit, BC
2012-12-16 20:08:14	53.178	-133.052	27.8	2.5 ML	82 km W of Sandspit, BC
2012-12-16 23:48:03	52.768	-132.383	22.4	2.6 ML	65 km SW of Sandspit, BC
2012-12-17 00:35:08	52.655	-132.107	15.9	4.8 Mw	69 km SSW of Sandspit, BC
2012-12-17 01:32:28	52.845	-132.349	21.9	2.9 ML	57 km SW of Sandspit, BC
2012-12-18 04:07:58	52.496	-131.912	23.2	3.7 ML	84 km S of Sandspit, BC
2012-12-18 06:16:09	52.693	-132.588	34.4	2.7 ML	80 km SW of Sandspit, BC
2012-12-18 08:39:03	52.853	-132.518	25.7	2.5 ML	64 km WSW of Sandspit, BC
2012-12-18 18:57:17	52.599	-132.147	21.6	3.4 ML	75 km SSW of Sandspit, BC
2012-12-18 22:14:40	52.544	-132.520	34.2	3.3 ML	91 km SW of Sandspit, BC
2012-12-18 23:34:35	52.478	-132.323	23.2	2.5 ML	92 km SSW of Sandspit, BC
2012-12-19 03:42:33	52.809	-132.320	22.1	2.7 ML	59 km SW of Sandspit, BC
2012-12-20 10:55:12	52.509	-132.631	29.1	2.8 ML	99 km SW of Sandspit, BC
2012-12-20 15:00:15	52.542	-131.935	16.5	3.5 ML	79 km S of Sandspit, BC
2012-12-20 17:13:07	52.518	-131.956	5.0	2.9 ML	81 km S of Sandspit, BC
2012-12-21 08:32:12	52.770	-132.242	21.9	2.6 ML	60 km SW of Sandspit, BC
2012-12-22 03:44:42	52.542	-131.948	13.3	2.5 ML	79 km S of Sandspit, BC
2012-12-22 04:02:48	52.654	-132.100	21.2	3.8 ML	68 km SSW of Sandspit, BC
2012-12-22 05:37:34	52.578	-132.715	27.8	2.7 ML	96 km SW of Sandspit, BC
2012-12-22 17:46:59	52.498	-131.919	2.4	2.5 ML	84 km S of Sandspit, BC
2012-12-23 06:44:54	52.897	-132.440	22.8	3.3 ML	57 km WSW of Sandspit, BC
2012-12-23 07:53:05	52.552	-132.772	28.0	3.1 ML	100 km SW of Sandspit, BC
2012-12-23 14:22:56	52.738	-132.233	21.6	2.8 ML	63 km SW of Sandspit, BC
2012-12-24 01:59:49	52.757	-132.242	21.9	3.4 ML	61 km SW of Sandspit, BC
2012-12-24 07:04:56	52.492	-131.941	13.0	2.5 ML	84 km S of Sandspit, BC
2012-12-24 16:28:54	52.535	-132.769	23.7	2.9 ML	102 km SW of Sandspit, BC
2012-12-24 19:28:49	52.361	-132.651	21.8	2.7 ML	113 km SW of Sandspit, BC
2012-12-25 03:37:46	52.775	-132.271	22.5	2.6 ML	60 km SW of Sandspit, BC
2012-12-25 05:21:32	53.241	-133.029	21.8	3.0 ML	80 km W of Sandspit, BC
2012-12-25 08:00:17	52.778	-132.299	23.3	3.1 ML	61 km SW of Sandspit, BC

2012-12-25 08:40:13	52.575	-131.944	11.6	2.7 ML	75 km S of Sandspit, BC
2012-12-25 11:42:35	52.574	-132.050	16.0	2.6 ML	76 km SSW of Sandspit, BC
2012-12-26 21:40:00	52.509	-131.882	12.1	3.2 ML	82 km S of Sandspit, BC
2012-12-27 17:08:21	52.758	-132.304	23.7	3.1 ML	63 km SW of Sandspit, BC
2012-12-27 20:21:41	52.638	-132.100	22.1	2.6 ML	70 km SSW of Sandspit, BC
2012-12-27 22:27:00	52.546	-131.954	11.7	3.2 ML	78 km S of Sandspit, BC
2012-12-28 23:25:48	52.511	-131.912	17.7	2.5 ML	82 km S of Sandspit, BC
2013-01-04 09:05:07	52.732	-132.244	22.0	3.5 ML	64 km SW of Sandspit, BC
2013-01-05 19:39:51	52.612	-132.705	32.1	3.5 ML	92 km SW of Sandspit, BC
2013-01-08 12:40:22	52.440	-132.484	27.3	3.5 ML	100 km SW of Sandspit, BC
2013-01-11 04:58:40	52.535	-131.910	8.5	3.7 ML	79 km S of Sandspit, BC
2013-01-11 08:23:41	52.531	-131.929	10.3	3.8 ML	80 km S of Sandspit, BC
2013-01-11 10:12:17	52.552	-131.908	16.0	2.5 ML	77 km S of Sandspit, BC
2013-01-11 11:30:30	52.566	-131.962	8.0	3.4 ML	76 km SSW of Sandspit, BC
2013-01-12 07:34:52	52.543	-131.917	10.3	3.3 ML	78 km S of Sandspit, BC
2013-01-14 03:23:30	52.755	-132.250	17.3	3.0 ML	62 km SW of Sandspit, BC
2013-01-16 10:47:01	52.502	-132.436	34.6	3.5 ML	93 km SW of Sandspit, BC
2013-01-17 23:43:14	52.547	-131.968	21.0	3.2 ML	78 km SSW of Sandspit, BC
2013-01-21 02:28:58	52.650	-132.084	21.7	2.8 ML	69 km SSW of Sandspit, BC
2013-01-28 04:43:14	52.554	-131.969	12.8	3.1 ML	78 km SSW of Sandspit, BC
2013-02-02 03:40:39	52.795	-132.219	24.1	3.1 ML	57 km SW of Sandspit, BC
2013-02-03 10:34:42	52.729	-132.291	20.0	3.6 ML	66 km SW of Sandspit, BC
2013-02-05 22:04:54	52.593	-132.012	22.4	2.8 ML	74 km SSW of Sandspit, BC
2013-02-06 21:54:58	52.480	-132.491	26.4	3.7 ML	96 km SW of Sandspit, BC
2013-02-07 00:23:34	52.800	-132.351	23.3	3.5 ML	61 km SW of Sandspit, BC
2013-02-10 06:02:44	52.757	-132.255	22.5	3.1 ML	62 km SW of Sandspit, BC
2013-02-10 08:43:16	52.675	-132.146	20.3	3.3 ML	67 km SSW of Sandspit, BC
2013-02-11 11:04:32	52.795	-132.322	24.9	3.5 ML	60 km SW of Sandspit, BC
2013-02-12 19:12:13	52.665	-132.085	19.4	2.9 ML	67 km SSW of Sandspit, BC
2013-02-13 01:48:32	52.657	-132.111	20.6	3.6 ML	68 km SSW of Sandspit, BC
2013-02-15 07:25:35	52.757	-132.224	22.4	3.2 ML	61 km SW of Sandspit, BC
2013-02-15 15:35:56	52.644	-132.127	19.1	2.7 ML	70 km SSW of Sandspit, BC
2013-02-18 06:14:15	52.576	-132.005	13.3	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 06:22:28	52.572	-132.003	13.2	2.8 ML	76 km SSW of Sandspit, BC
2013-02-18 12:17:23	52.732	-132.449	21.9	2.6 ML	71 km SW of Sandspit, BC
2013-02-20 15:31:14	52.820	-132.350	8.5	3.0 ML	59 km SW of Sandspit, BC
2013-02-21 09:41:36	52.564	-131.993	18.6	3.1 ML	77 km SSW of Sandspit, BC
2013-02-21 18:45:50	52.804	-132.331	22.7	3.2 ML	60 km SW of Sandspit, BC

2013-02-24 12:14:41	52.660	-132.152	24.0	3.4 ML	69 km SSW of Sandspit, BC
2013-02-24 15:32:40	52.736	-132.268	23.8	3.9 ML	64 km SW of Sandspit, BC
2013-02-25 13:41:26	52.688	-132.250	22.4	4.9 Mw	68 km SW of Sandspit, BC
2013-02-27 12:53:45	52.480	-131.899	12.1	3.2 ML	85 km S of Sandspit, BC
2013-03-03 09:34:19	52.682	-132.175	20.7	3.2 ML	67 km SSW of Sandspit, BC
2013-03-05 11:09:18	52.757	-132.268	19.2	3.1 ML	62 km SW of Sandspit, BC
2013-03-06 09:05:30	52.620	-132.069	11.9	3.2 ML	72 km SSW of Sandspit, BC
2013-03-07 11:25:01	52.878	-132.986	18.1	3.5 ML	88 km WSW of Sandspit, BC
2013-03-11 12:37:55	52.736	-132.257	22.4	2.6 ML	64 km SW of Sandspit, BC
2013-03-14 02:16:40	52.605	-132.626	36.0	2.8 ML	89 km SW of Sandspit, BC
2013-03-14 15:41:08	52.677	-132.132	22.6	2.7 ML	67 km SSW of Sandspit, BC
2013-03-14 16:18:38	52.578	-132.655	26.7	3.8 ML	93 km SW of Sandspit, BC
2013-03-17 18:58:52	52.540	-132.585	26.8	2.6 ML	94 km SW of Sandspit, BC
2013-03-20 06:38:43	52.857	-132.466	20.4	3.0 ML	61 km WSW of Sandspit, BC
2013-03-23 09:15:01	52.729	-132.236	22.3	2.7 ML	64 km SW of Sandspit, BC
2013-03-23 14:35:31	52.522	-131.941	18.4	2.8 ML	81 km S of Sandspit, BC
2013-03-25 16:54:30	52.535	-132.007	10.7	3.7 ML	80 km SSW of Sandspit, BC
2013-03-25 19:21:33	52.569	-131.947	11.8	3.4 ML	76 km S of Sandspit, BC
2013-03-26 01:15:35	52.750	-132.179	22.5	3.3 ML	60 km SW of Sandspit, BC
2013-03-31 03:00:07	52.533	-132.737	25.4	3.3 ML	100 km SW of Sandspit, BC
2013-04-13 09:39:31	52.750	-132.222	22.2	4.3 Mw	61 km SW of Sandspit, BC
2013-04-13 10:36:33	52.519	-131.912	3.3	2.9 ML	81 km S of Sandspit, BC
2013-04-14 22:09:26	52.730	-132.266	21.3	3.7 ML	65 km SW of Sandspit, BC
2013-04-17 06:29:25	52.836	-132.213	22.4	2.8 ML	53 km SW of Sandspit, BC
2013-04-18 01:43:16	52.519	-131.939	9.1	2.7 ML	81 km S of Sandspit, BC
2013-04-19 16:54:47	52.642	-132.016	9.5	2.7 ML	68 km SSW of Sandspit, BC
2013-04-19 17:26:26	52.626	-132.030	11.0	2.8 ML	70 km SSW of Sandspit, BC
2013-04-19 22:49:13	52.910	-132.665	14.7	2.8 ML	68 km WSW of Sandspit, BC
2013-04-20 23:43:14	52.526	-131.901	13.4	3.3 ML	80 km S of Sandspit, BC
2013-04-22 11:08:31	52.737	-132.239	20.8	2.7 ML	63 km SW of Sandspit, BC
2013-04-22 22:51:17	52.976	-132.547	25.3	3.1 ML	57 km WSW of Sandspit, BC
2013-04-25 02:02:45	52.970	-132.603	20.0	3.8 ML	61 km WSW of Sandspit, BC
2013-05-01 05:47:27	52.736	-132.226	22.9	2.6 ML	63 km SW of Sandspit, BC
2013-05-07 13:42:37	52.785	-132.339	18.5	2.7 ML	62 km SW of Sandspit, BC
2013-05-09 13:31:52	52.820	-132.262	24.4	3.3 ML	56 km SW of Sandspit, BC
2013-05-09 15:00:42	52.774	-132.238	19.9	2.5 ML	59 km SW of Sandspit, BC
2013-05-10 08:27:21	52.585	-132.037	23.3	2.6 ML	75 km SSW of Sandspit, BC
2013-05-14 05:15:49	52.829	-132.370	18.6	2.7 ML	59 km SW of Sandspit, BC

2013-05-14 12:29:58	52.758	-132.259	21.1	2.7 ML	62 km SW of Sandspit, BC
2013-05-14 16:22:11	52.792	-132.335	20.9	2.6 ML	61 km SW of Sandspit, BC
2013-05-15 12:17:37	52.503	-131.916	18.5	2.7 ML	83 km S of Sandspit, BC
2013-05-16 02:19:35	52.593	-132.067	21.8	2.6 ML	75 km SSW of Sandspit, BC
2013-05-20 08:51:45	52.967	-132.628	22.4	3.4 ML	62 km WSW of Sandspit, BC
2013-06-07 18:46:04	52.492	-132.555	23.8	2.9 ML	97 km SW of Sandspit, BC
2013-06-12 19:32:20	52.798	-132.344	24.2	3.4 ML	61 km SW of Sandspit, BC
2013-06-18 13:51:21	52.605	-132.738	33.5	2.5 ML	94 km SW of Sandspit, BC
2013-06-18 13:58:01	52.643	-132.720	33.5	2.5 ML	90 km SW of Sandspit, BC
2013-06-24 23:40:06	52.726	-132.245	21.9	2.8 ML	65 km SW of Sandspit, BC
2013-07-01 15:25:56	52.796	-132.326	23.4	2.8 ML	60 km SW of Sandspit, BC
2013-07-04 04:44:45	52.730	-132.238	22.2	2.9 ML	64 km SW of Sandspit, BC
2013-07-08 09:43:45	52.747	-132.252	23.7	2.7 ML	63 km SW of Sandspit, BC
2013-07-09 06:52:11	52.766	-132.286	23.1	3.1 ML	62 km SW of Sandspit, BC
2013-07-09 18:34:35	52.769	-132.264	22.7	3.2 ML	61 km SW of Sandspit, BC
2013-07-10 09:44:05	52.719	-132.875	33.2	2.8 ML	92 km WSW of Sandspit, BC
2013-07-11 03:22:43	52.512	-131.867	21.8	3.1 ML	82 km S of Sandspit, BC
2013-07-14 14:54:02	53.212	-133.030	23.5	3.1 ML	80 km W of Sandspit, BC
2013-07-16 23:26:28	52.475	-132.503	25.3	3.7 ML	97 km SW of Sandspit, BC
2013-07-18 23:47:15	52.538	-131.897	10.8	2.5 ML	79 km S of Sandspit, BC
2013-07-19 00:10:33	52.989	-132.586	22.9	3.4 ML	59 km WSW of Sandspit, BC
2013-07-19 15:15:04	52.667	-132.062	16.5	3.1 ML	66 km SSW of Sandspit, BC
2013-07-19 23:58:29	52.736	-132.256	23.2	2.7 ML	64 km SW of Sandspit, BC
2013-07-22 21:14:11	52.593	-132.056	20.6	2.7 ML	74 km SSW of Sandspit, BC
2013-07-27 16:30:54	52.593	-132.046	21.1	2.6 ML	74 km SSW of Sandspit, BC
2013-07-29 20:43:33	52.598	-132.056	20.8	2.5 ML	74 km SSW of Sandspit, BC
2013-07-30 08:48:14	52.768	-132.233	21.4	2.6 ML	60 km SW of Sandspit, BC
2013-07-31 15:10:03	52.791	-132.316	23.3	2.5 ML	61 km SW of Sandspit, BC
2013-08-03 12:26:26	52.747	-132.352	25.4	3.1 ML	66 km SW of Sandspit, BC
2013-08-05 10:38:04	52.509	-133.061	20.0	2.8 ML	117 km WSW of Sandspit, BC
2013-08-08 10:16:24	53.259	-131.113	0.0	2.6 ML	46 km E of Sandspit, BC
2013-08-13 20:08:58	52.541	-131.911	15.9	2.7 ML	79 km S of Sandspit, BC
2013-08-13 21:54:18	52.539	-131.941	10.3	2.8 ML	79 km S of Sandspit, BC
2013-08-14 13:18:35	52.664	-132.732	33.6	3.0 ML	89 km WSW of Sandspit, BC
2013-08-16 06:05:39	52.984	-132.554	23.2	2.5 ML	57 km WSW of Sandspit, BC
2013-08-17 02:19:15	52.588	-132.001	14.0	3.4 ML	74 km SSW of Sandspit, BC
2013-08-19 03:41:09	53.067	-132.759	22.9	2.6 ML	66 km W of Sandspit, BC
2013-08-26 16:29:01	52.610	-132.591	32.9	2.7 ML	88 km SW of Sandspit, BC

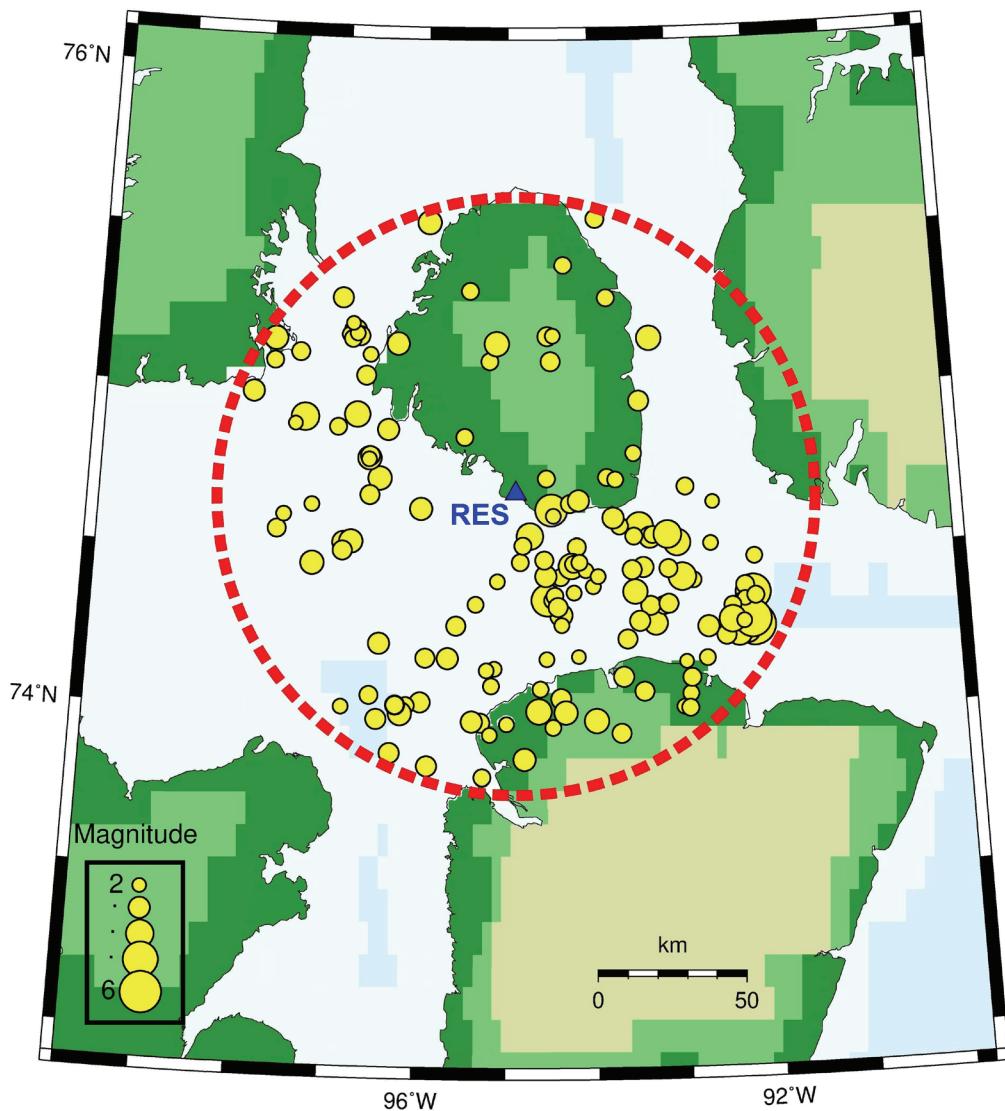
2013-08-31 21:35:27	52.620	-132.047	14.5	3.1 ML	71 km SSW of Sandspit, BC
2013-09-05 16:20:29	52.773	-132.268	22.9	2.6 ML	61 km SW of Sandspit, BC
2013-09-09 00:19:14	52.557	-132.017	10.8	2.6 ML	78 km SSW of Sandspit, BC
2013-09-12 06:53:52	52.751	-132.259	19.6	2.5 ML	62 km SW of Sandspit, BC
2013-09-12 08:54:17	52.716	-132.407	10.0	3.0 Mw	71 km SW of Sandspit, BC
2013-09-12 12:46:47	52.541	-132.648	22.7	2.7 ML	96 km SW of Sandspit, BC
2013-09-14 17:35:41	52.617	-132.059	14.6	2.6 ML	72 km SSW of Sandspit, BC
2013-09-18 04:45:36	52.737	-132.219	22.3	4.5 Mw	63 km SW of Sandspit, BC
2013-09-21 17:49:45	52.504	-131.881	14.8	4.0 ML	83 km S of Sandspit, BC
2013-09-22 23:09:57	52.582	-131.993	12.5	2.9 ML	75 km SSW of Sandspit, BC
2013-09-28 20:44:10	52.752	-132.491	29.2	3.7 ML	71 km SW of Sandspit, BC
2013-10-15 02:06:15	52.659	-132.046	22.1	2.7 ML	67 km SSW of Sandspit, BC
2013-10-18 07:17:48	52.708	-132.244	23.7	3.8 ML	66 km SW of Sandspit, BC
2013-10-23 10:27:03	52.666	-132.384	21.0	3.9 Mw	75 km SW of Sandspit, BC
2013-10-26 13:53:12	52.798	-132.603	17.3	3.0 ML	72 km WSW of Sandspit, BC
2013-10-26 14:02:43	52.539	-132.024	15.9	2.9 ML	80 km SSW of Sandspit, BC
2013-10-30 03:39:57	52.498	-131.940	8.8	2.6 ML	84 km S of Sandspit, BC
2013-11-01 04:48:38	52.500	-131.961	12.6	2.8 ML	84 km S of Sandspit, BC
2013-11-04 11:53:11	52.506	-131.951	11.4	3.4 ML	83 km S of Sandspit, BC
2013-11-11 05:09:12	52.784	-132.254	24.0	2.6 ML	59 km SW of Sandspit, BC
2013-11-11 19:25:51	52.502	-131.944	11.0	2.6 ML	83 km S of Sandspit, BC
2013-11-12 05:11:42	52.972	-132.597	20.9	2.9 ML	60 km WSW of Sandspit, BC
2013-11-15 12:13:12	52.655	-132.034	23.6	2.6 ML	67 km SSW of Sandspit, BC
2013-11-20 23:43:23	52.842	-132.218	23.8	2.8 ML	52 km SW of Sandspit, BC
2013-11-22 14:44:04	52.819	-132.324	24.4	3.5 ML	58 km SW of Sandspit, BC
2013-12-16 04:34:16	52.583	-131.991	22.6	3.0 ML	75 km SSW of Sandspit, BC
2013-12-20 02:19:34	52.533	-131.940	13.9	2.7 ML	80 km S of Sandspit, BC
2014-01-04 14:52:28	52.758	-132.244	24.9	2.9 ML	61 km SW of Sandspit, BC
2014-01-05 23:06:32	52.675	-132.137	24.6	3.1 ML	67 km SSW of Sandspit, BC
2014-01-06 01:45:56	52.675	-132.154	22.6	3.3 ML	67 km SSW of Sandspit, BC
2014-01-18 07:53:47	53.781	-132.111	9.6	2.9 ML	26 km S of Masset, BC
2014-01-19 21:23:07	52.523	-131.964	20.9	2.9 ML	81 km SSW of Sandspit, BC
2014-01-20 05:27:14	52.669	-132.155	22.8	2.5 ML	68 km SSW of Sandspit, BC
2014-01-20 10:34:40	52.614	-132.068	10.9	2.6 ML	72 km SSW of Sandspit, BC
2014-01-21 07:50:43	52.592	-132.639	31.7	2.6 ML	91 km SW of Sandspit, BC
2014-01-24 06:47:51	52.641	-132.063	24.5	3.2 ML	69 km SSW of Sandspit, BC
2014-02-01 12:52:19	52.788	-132.283	24.5	2.5 ML	60 km SW of Sandspit, BC
2014-02-09 15:37:07	52.735	-132.264	25.1	3.9 ML	64 km SW of Sandspit, BC

2014-02-09 19:04:24	52.685	-132.148	21.5	2.9 ML	66 km SSW of Sandspit, BC
2014-02-11 13:03:54	52.519	-131.910	7.2	2.6 ML	81 km S of Sandspit, BC
2014-02-12 10:20:56	52.505	-131.911	9.3	2.9 ML	83 km S of Sandspit, BC
2014-02-13 02:27:03	52.510	-131.915	10.7	3.1 ML	82 km S of Sandspit, BC
2014-02-13 04:19:12	52.509	-131.911	8.5	2.7 ML	82 km S of Sandspit, BC
2014-02-13 10:46:38	52.528	-131.918	10.8	2.9 ML	80 km S of Sandspit, BC
2014-02-13 11:39:10	52.535	-131.912	11.5	2.6 ML	79 km S of Sandspit, BC
2014-02-17 22:41:58	52.554	-131.912	15.5	2.6 ML	77 km S of Sandspit, BC
2014-02-18 14:29:42	52.609	-132.107	1.4	2.5 ML	73 km SSW of Sandspit, BC
2014-02-25 02:34:43	52.981	-132.795	13.2	2.5 ML	71 km WSW of Sandspit, BC
2014-02-27 23:00:59	52.853	-132.415	23.2	2.9 ML	59 km WSW of Sandspit, BC
2014-02-28 09:30:02	52.795	-132.330	23.1	2.5 ML	61 km SW of Sandspit, BC
2014-03-03 02:04:09	52.778	-132.330	21.7	2.5 ML	62 km SW of Sandspit, BC
2014-03-03 02:24:35	52.860	-132.445	22.5	3.4 ML	60 km WSW of Sandspit, BC
2014-03-03 06:09:09	52.544	-132.770	24.9	2.9 ML	101 km SW of Sandspit, BC
2014-03-03 13:22:26	52.554	-132.101	22.4	2.6 ML	79 km SSW of Sandspit, BC
2014-03-03 23:20:04	52.537	-131.957	13.8	2.6 ML	79 km S of Sandspit, BC
2014-03-10 11:40:45	52.669	-132.790	29.2	2.5 ML	91 km WSW of Sandspit, BC
2014-03-23 02:26:33	52.543	-131.977	18.3	2.7 ML	79 km SSW of Sandspit, BC
2014-03-26 15:23:18	52.698	-132.098	23.6	2.8 ML	64 km SSW of Sandspit, BC
2014-03-29 09:46:43	52.508	-132.007	17.4	3.8 ML	83 km SSW of Sandspit, BC
2014-04-01 10:44:09	52.587	-132.062	19.7	2.5 ML	75 km SSW of Sandspit, BC
2014-04-06 04:47:19	52.587	-132.038	19.7	2.6 ML	75 km SSW of Sandspit, BC
2014-04-09 02:15:28	52.757	-132.281	22.1	2.6 ML	63 km SW of Sandspit, BC
2014-04-09 07:15:36	52.529	-131.921	20.2	2.9 ML	80 km S of Sandspit, BC
2014-04-14 02:35:38	52.682	-132.063	23.3	2.8 ML	65 km SSW of Sandspit, BC
2014-04-14 05:02:16	52.762	-132.288	22.8	2.9 ML	62 km SW of Sandspit, BC
2014-04-15 08:58:26	52.498	-131.919	20.1	3.3 ML	84 km S of Sandspit, BC
2014-04-25 05:12:38	52.757	-132.184	23.4	4.2 Mw	60 km SW of Sandspit, BC
2014-04-29 04:53:01	52.584	-132.771	24.9	2.5 ML	97 km SW of Sandspit, BC
2014-04-29 23:16:19	52.737	-132.248	18.9	2.5 ML	64 km SW of Sandspit, BC
2014-04-30 13:55:08	53.209	-133.054	16.5	2.6 ML	82 km W of Sandspit, BC
2014-04-30 14:02:58	53.228	-133.000	19.4	2.6 ML	78 km W of Sandspit, BC
2014-05-01 00:59:14	53.337	-133.213	24.0	2.9 ML	93 km W of Sandspit, BC
2014-05-01 23:32:03	52.783	-132.333	22.4	2.5 ML	62 km SW of Sandspit, BC
2014-05-08 13:34:46	52.482	-131.880	12.9	3.1 ML	85 km S of Sandspit, BC
2014-05-18 14:19:38	52.779	-132.341	21.2	3.8 ML	63 km SW of Sandspit, BC
2014-05-24 17:23:37	52.790	-132.184	23.7	2.6 ML	56 km SW of Sandspit, BC

2014-05-26 12:57:56	52.781	-132.552	24.0	2.8 ML	71 km WSW of Sandspit, BC
2014-05-27 20:46:24	52.801	-132.318	22.6	2.8 ML	60 km SW of Sandspit, BC
2014-05-28 23:06:59	52.786	-132.361	22.2	2.6 ML	63 km SW of Sandspit, BC
2014-05-29 09:47:27	52.578	-132.053	20.8	2.8 ML	76 km SSW of Sandspit, BC
2014-06-03 09:34:51	52.503	-132.525	25.4	2.6 ML	95 km SW of Sandspit, BC
2014-06-11 17:36:29	52.546	-132.161	15.7	2.7 ML	81 km SSW of Sandspit, BC
2014-07-04 10:03:44	52.735	-132.267	23.1	2.9 ML	64 km SW of Sandspit, BC
2014-07-08 07:02:18	52.623	-132.783	25.5	2.5 ML	95 km WSW of Sandspit, BC
2014-07-08 12:57:06	52.429	-132.383	21.2	2.9 ML	98 km SW of Sandspit, BC
2014-07-12 18:24:33	52.844	-132.232	23.5	2.5 ML	53 km SW of Sandspit, BC
2014-07-15 03:16:00	52.679	-132.083	22.6	2.7 ML	65 km SSW of Sandspit, BC
2014-07-23 08:52:29	52.858	-132.303	25.7	3.0 ML	54 km SW of Sandspit, BC
2014-07-24 04:47:21	53.015	-132.701	32.3	2.5 ML	64 km WSW of Sandspit, BC
2014-07-25 18:20:09	52.506	-131.963	24.6	3.2 ML	83 km S of Sandspit, BC
2014-08-06 20:10:46	52.636	-132.099	21.6	2.8 ML	70 km SSW of Sandspit, BC
2014-08-13 14:20:02	52.697	-132.100	22.7	2.7 ML	64 km SSW of Sandspit, BC
2014-08-14 04:22:28	52.881	-132.267	24.7	2.9 ML	50 km SW of Sandspit, BC
2014-08-21 07:23:35	52.742	-132.185	24.1	2.6 ML	61 km SW of Sandspit, BC
2014-08-23 03:38:02	52.816	-132.153	25.1	2.9 ML	53 km SW of Sandspit, BC
2014-08-25 04:19:02	52.855	-132.313	22.8	2.8 ML	55 km SW of Sandspit, BC
2014-08-25 18:17:22	53.004	-132.827	16.8	2.8 ML	72 km WSW of Sandspit, BC
2014-08-31 12:44:17	52.825	-132.274	23.4	2.7 ML	56 km SW of Sandspit, BC
2014-09-01 14:57:09	52.589	-132.104	9.9	2.5 ML	76 km SSW of Sandspit, BC
2014-09-15 14:06:20	52.735	-132.017	24.1	2.5 ML	58 km SSW of Sandspit, BC
2014-09-16 09:54:27	52.658	-132.002	13.6	2.7 ML	67 km SSW of Sandspit, BC
2014-09-18 13:15:23	53.252	-133.023	21.5	3.2 ML	80 km W of Sandspit, BC
2014-09-18 19:05:42	53.264	-133.015	21.3	3.3 ML	79 km W of Sandspit, BC
2014-09-19 02:26:47	52.537	-132.601	28.4	3.1 ML	95 km SW of Sandspit, BC
2014-09-22 00:03:19	53.928	-132.486	9.6	2.6 ML	24 km WSW of Masset, BC
2014-09-27 21:05:38	52.701	-132.309	23.3	4.7 Mw	69 km SW of Sandspit, BC
2014-09-28 00:25:58	52.717	-132.278	22.3	3.5 ML	66 km SW of Sandspit, BC
2014-09-29 14:24:29	52.706	-132.711	40.1	2.7 ML	85 km WSW of Sandspit, BC
2014-09-29 18:28:43	52.591	-131.948	12.6	2.6 ML	73 km SSW of Sandspit, BC
2014-10-13 06:28:04	52.800	-132.203	24.2	3.0 ML	56 km SW of Sandspit, BC
2014-10-14 10:20:34	52.968	-132.518	22.0	2.7 ML	56 km WSW of Sandspit, BC
2014-10-14 22:09:13	52.514	-132.809	21.5	2.5 ML	105 km SW of Sandspit, BC
2014-10-21 04:42:50	52.553	-132.575	25.4	2.5 ML	92 km SW of Sandspit, BC

## Appendix 2

Selected earthquakes for this study within 100 km of the Resolute station (Nunavut Territories)  
(Source: <http://www.earthquakescanada.nrcan.gc.ca>)



Date/Time (UTC)	Latitude (°)	Longitude (°)	Depth (km)	Magnitude	Description
1992-11-03 10:38:37	74.532	-93.012	18.0	3.8	BARROW STRAIT, N.W.T.
1993-04-27 14:53:32	74.282	-93.278	18.0	3.4	PERRY CHANNEL, N.W.T. 66 KM SE OF RESOLUTE, N.W.T.
1993-05-01 19:48:13	74.309	-94.367	18.0	3.2	SUMMERSET ISLAND, DISTRICT OF FRANKLIN BOOTHIA REGION, N.W.T.

1993-11-22 09:00:49	73.975	-95.299	18.0	2.8	NORTHERN SOMERSET IS. N.W.T.
1994-12-08 22:20:14	75.100	-95.212	18.0	2.4	RESOLUTE BAY REGION, N.W.T.
1995-12-19 22:58:25	74.179	-94.171	18.0	2.0	BOOTHIA UNGAVA SEISMIC ZONE.
1996-03-24 06:41:07	74.414	-95.109	18.0	2.1	BOOTHIA UNGAVA SEISMIC ZONE.
1996-04-06 04:13:07	73.838	-95.898	18.0	2.9	BOOTHIA UNGAVA SEISMIC ZONE.
1996-10-01 10:21:46	74.731	-96.499	18.0	3.4	47 km W from RESOLUTE, N.W.T.
1996-11-16 22:23:33	74.457	-93.413	18.0	2.9	Barrow Strait, N.W.T.
1997-07-13 08:30:52	74.462	-97.262	18.0	3.4	75 km W from RESOLUTE, N.W.T.
1998-06-07 04:51:20	74.450	-93.542	18.0	2.7	49 km SE from RESOLUTE, N.W.T.
1999-07-01 11:29:09	73.861	-94.791	18.0	3.2	94 km S from RESOLUTE, Nunavut.
1999-09-03 02:18:14	74.585	-93.453	18.0	3.9	Cornwallis Island, Nunavut.
1999-10-06 13:13:19	74.529	-96.904	18.0	3.2	Barrow Strait, Nunavut.
2000-04-30 01:40:12	74.533	-96.819	18.0	3.4	Barrow Strait, Nunavut.
2000-11-21 13:55:05	75.170	-93.287	18.0	3.5	70 km NE from RESOLUTE, Nunavut.
2001-03-06 09:50:10	74.527	-92.624	18.0	2.2	70 km E from Resolute, Nunavut.
2001-05-10 08:50:45	74.521	-94.182	18.0	2.6	29 km SE from Resolute, Nunavut.
2001-05-16 12:19:58	74.218	-96.466	18.0	3.1	71 km SW from Resolute, Nunavut.
2001-05-31 14:20:32	75.189	-96.840	18.0	3.2	79 km NW from Resolute, Nunavut.
2001-06-15 10:25:43	75.173	-96.780	18.0	2.7	76 km NW from Resolute, Nunavut.
2001-06-24 16:17:29	75.177	-96.915	18.0	2.2	79 km NW from Resolute, Nunavut.
2001-09-18 02:20:08	73.977	-95.394	18.0	3.0	82 km S from Resolute, Nunavut.
2002-10-10 14:16:38	74.549	-93.328	18.0	3.0	50 km SE from Resolute, Nunavut.
2002-11-09 16:07:23	74.049	-94.379	18.0	2.9	75 km S from Resolute, Nunavut.
2002-11-09 20:05:17	74.009	-94.628	18.0	3.7	83 km S from Resolute, Nunavut.
2002-12-25 13:55:44	73.804	-95.266	18.0	2.5	100 km S from Resolute, Nunavut.
2004-04-13 09:12:55	74.428	-94.370	18.0	2.5	33 km SE from Resolute, NU
2004-07-04 17:47:09	74.462	-94.249	18.0	3.7	33 km SE from Resolute, NU
2005-07-23 13:15:20	74.037	-95.983	18.0	2.9	82 km SW from Resolute, NU
2005-09-07 20:22:17	74.055	-96.560	18.0	2.6	90 km SW from Resolute, NU
2006-04-05 21:36:26	74.448	-94.083	18.0	2.2	35 km SE from Resolute, NU
2006-06-01 06:29:59	75.152	-96.317	18.0	3.2	30 km SE from Polaris, NU
2006-06-04 08:06:47	74.276	-95.581	18.0	2.8	55 km SW from Resolute, NU
2006-12-30 04:14:25	74.089	-95.174	18.0	2.3	69 km S from Resolute, NU
2007-05-30 09:50:18	75.293	-93.800	18.0	2.5	73 km NE from Resolute, NU
2007-09-02 16:51:45	74.234	-93.608	18.0	2.8	63 km SE from Resolute, NU
2008-01-25 22:20:09	74.636	-94.480	18.0	4.6	18 km E from Resolute, NU. Felt.

2008-02-14 19:46:20	74.357	-94.530	18.0	4.6	40 km S from Resolute, NU. Felt.
2008-02-15 05:28:33	74.357	-94.469	18.0	2.4	39 km S from Resolute, NU
2008-02-24 01:18:32	74.369	-94.439	18.0	2.5	38 km S from Resolute, NU
2008-03-07 10:54:56	74.656	-94.257	10.0	2.6	18 km E from Resolute, NU
2008-04-26 16:09:10	74.586	-93.682	18.0	2.4	36 km E from Resolute, NU
2008-06-02 16:17:34	74.679	-96.616	18.0	2.7	53 km W from Resolute, NU
2008-06-02 23:18:57	74.061	-92.902	18.0	2.3	92 km SE from Resolute, NU
2008-07-21 01:04:03	74.424	-92.990	18.0	2.7	60 km SE from Resolute, NU
2009-02-03 23:36:47	74.174	-95.676	18.0	3.0	64 km SW from Resolute, NU
2009-02-06 22:33:17	74.554	-93.518	18.0	2.5	41 km SE from Resolute, NU
2009-02-07 22:00:31	75.051	-96.697	18.0	2.7	40 km S from Polaris, NU
2009-02-13 03:22:59	74.916	-97.410	18.0	3.9	60 km S from Polaris, NU
2009-04-06 00:55:31	74.026	-96.143	18.0	2.5	85 km SW from Resolute, NU
2009-04-10 00:19:32	74.895	-97.525	18.0	2.0	60 km S from Polaris, NU
2009-04-27 01:41:48	74.020	-92.980	18.0	2.1	95 km SE from Resolute, NU
2009-04-27 18:54:23	74.618	-94.456	18.0	2.1	14 km SE from Resolute, NU
2009-06-06 20:27:44	74.337	-93.185	18.0	2.6	63 km SE from Resolute, NU
2009-06-12 13:39:37	75.164	-96.872	18.0	2.5	26 km S from Polaris, NU
2009-07-18 05:20:24	74.415	-92.838	18.0	2.3	67 km SE from Resolute, NU
2009-09-22 10:24:32	74.565	-97.694	18.0	2.6	85 km W from Resolute, NU
2009-10-18 07:04:29	75.290	-97.006	5.0	2.9	12 km S from Polaris, NU
2009-12-23 07:26:28	74.557	-93.300	18.0	2.5	50 km E from Resolute, NU
2010-02-23 23:44:36	74.812	-93.500	18.0	2.3	40 km E from Resolute, NU
2010-02-28 04:20:05	74.379	-94.220	18.0	2.2	40 km SE from Resolute, NU
2010-02-28 06:59:53	74.656	-92.589	18.0	2.0	67 km E from Resolute, NU
2010-03-21 03:02:39	75.543	-93.920	18.0	2.6	85 km E from Polaris, NU
2010-05-06 15:34:48	74.557	-93.121	2.0	4.0	45 km SE from Resolute, NU
2010-05-08 04:09:13	75.088	-97.800	18.0	2.4	40 km SW from Polaris, NU
2010-07-20 03:45:15	74.425	-92.963	18.0	3.9	BOOTHIA UNGAVA SEISMIC ZONE.
2010-08-16 21:08:21	74.399	-94.000	18.0	2.2	40 km SE from Resolute, NU
2010-09-28 11:23:58	74.336	-93.335	18.0	2.8	60 km SE from Resolute, NU
2010-10-26 11:49:42	74.611	-93.756	18.0	3.0	33 km E from Resolute, NU
2010-10-27 08:17:12	74.173	-94.540	18.0	2.2	60 km S from Resolute, NU
2010-10-28 20:48:55	74.611	-97.620	18.0	2.2	83 km W from Resolute, NU
2010-11-23 22:39:55	74.929	-96.787	18.0	3.7	52 km S from Polaris, NU
2010-12-16 08:16:36	73.982	-96.476	18.0	2.9	94 km SW from Resolute, NU
2010-12-26 19:44:20	74.006	-94.326	18.0	3.3	80 km S from Resolute, NU

2011-01-14 02:56:52	75.178	-94.520	18.0	2.7	55 km N from Resolute, NU
2011-03-10 20:56:32	74.334	-94.405	18.0	2.7	42 km S from Resolute, NU
2011-05-06 17:41:17	75.396	-94.320	18.0	2.4	80 km N of Resolute, NU
2011-05-09 10:36:19	74.645	-97.289	18.0	2.1	73 km W from Resolute, NU
2011-06-04 13:07:10	74.289	-93.463	18.0	2.9	61 km SE from Resolute, NU
2011-06-19 12:56:49	74.343	-95.359	18.0	2.3	43 km S from Resolute, NU
2011-09-12 16:46:12	74.116	-93.662	18.0	2.9	75 km SE from Resolute, NU
2011-11-01 22:29:19	75.180	-96.818	18.0	2.1	24 km S from Polaris, NU
2011-11-04 09:11:21	74.171	-92.700	18.0	2.3	87 km SE from Resolute, NU
2012-01-04 18:16:59	75.530	-95.964	18.0	3.3	30 km NE from Polaris, NU
2012-03-04 06:23:27	74.974	-93.427	18.0	2.9	52 km NE from Resolute, NU
2012-03-26 07:36:18	74.174	-95.933	18.0	2.7	67 km SW from Resolute, NU
2012-04-01 13:40:57	74.888	-97.016	18.0	2.4	57 km S from Polaris, NU
2012-07-13 03:29:11	74.001	-96.204	18.0	3.4	88 km SW from Resolute, NU
2012-07-22 23:27:57	75.100	-94.485	18.0	2.7	46 km N from Resolute, NU
2012-10-29 09:25:18	73.936	-95.191	18.0	2.2	86 km S from Resolute, NU
2012-11-06 05:47:29	74.556	-94.732	18.0	3.8	16 km S from Resolute, NU
2013-02-28 17:04:15	73.940	-93.694	18.0	2.8	91 km SE from Resolute, NU
2013-03-09 06:50:56	74.018	-96.880	18.0	2.2	100 km SW from Resolute, NU
2013-03-24 13:05:13	74.017	-92.916	18.0	2.4	95 km SE from Resolute, NU
2014-03-16 08:32:46	74.639	-96.005	18.0	3.2	35 km W from Resolute, NU
2014-12-02 01:21:01	74.431	-94.543	18.0	3.1	31 km S from Resolute, NU
2014-12-27 23:46:16	74.989	-98.040	18.0	3.1	56 km SW from Polaris, NU
2015-04-18 21:09:09	74.342	-93.129	18.0	2.8	64 km SE from Resolute, NU
2017-01-08 23:47:11	74.269	-92.144	18.0	5.9	93 km SE from Resolute, NU. Felt
2017-01-09 00:28:45	74.252	-92.230	18.0	3.7	92 km SE from Resolute, NU. Aftershock
2017-01-09 02:39:02	74.283	-92.265	18.0	3.6	90 km SE from Resolute, NU. Aftershock
2017-01-09 08:07:47	74.302	-92.240	18.0	3.0	89 km SE from Resolute, NU. Aftershock
2017-01-09 09:57:37	74.304	-92.336	18.0	2.1	86 km SE from Resolute, NU. Aftershock
2017-01-09 10:50:11	74.304	-92.195	18.0	3.0	90 km SE from Resolute, NU. Aftershock
2017-01-09 15:50:45	74.278	-92.265	18.0	3.1	90 km SE from Resolute, NU. Aftershock
2017-01-09 17:55:35	74.370	-92.152	18.0	5.0	88 km SE from Resolute, NU. Aftershock
2017-01-09 19:43:46	74.324	-92.240	18.0	4.4	88 km SE from Resolute, NU. Aftershock

2017-01-11 05:45:07	74.264	-92.273	18.0	2.2	91 km SE from Resolute, NU. Aftershock
2017-01-13 01:40:13	74.268	-92.240	18.0	2.5	91 km SE from Resolute, NU. Aftershock
2017-01-16 00:46:38	74.290	-92.273	18.0	2.4	89 km SE from Resolute, NU. Aftershock
2017-01-17 15:31:02	74.270	-92.240	18.0	2.1	91 km SE from Resolute, NU. Aftershock
2017-01-23 06:26:08	74.338	-92.273	18.0	2.8	86 km SE from Resolute, NU. Aftershock
2017-01-23 07:37:14	74.341	-92.234	18.0	2.7	87 km SE from Resolute, NU. Aftershock
2017-01-25 12:13:27	74.245	-92.324	18.0	3.6	90 km SE from Resolute, NU. Aftershock
2017-01-31 04:23:19	74.394	-92.240	18.0	2.6	84 km E from Resolute, NU. Aftershock
2017-02-02 13:16:25	74.270	-92.240	18.0	2.0	91 km SE from Resolute, NU. Aftershock
2017-02-10 15:01:49	74.288	-92.167	18.0	5.3	92 km SE from Resolute, NU. Felt
2017-02-16 06:47:56	75.157	-97.804	18.0	3.4	37 km SW from Polaris, NU
2017-02-20 05:52:20	73.960	-94.468	18.0	2.3	83 km S from Resolute, NU
2017-03-09 05:47:53	74.240	-92.470	18.0	2.7	87 km SE from Resolute, NU
2017-04-05 05:18:32	75.155	-95.131	18.0	3.5	52 km N from Resolute, NU
2017-05-12 19:34:10	74.351	-92.244	18.0	2.2	86 km SE from Resolute, NU
2017-05-19 12:42:11	74.332	-92.389	18.0	2.4	83 km SE from Resolute, NU
2017-10-06 10:04:47	73.876	-96.316	18.0	2.9	102 km SW from Resolute, NU
2017-11-01 20:58:05	74.161	-92.938	18.0	2.0	82 km SE from Resolute, NU
2017-11-04 19:23:28	74.070	-93.427	18.0	2.8	82 km SE from Resolute, NU
2018-05-19 20:00:39	74.268	-92.675	18.0	3.0	80 km SE from Resolute, NU
2019-01-10 18:28:13	73.980	-93.974	18.0	3.5	84 km S from Resolute, NU
2019-01-15 09:37:54	74.111	-92.883	18.0	2.6	88 km SE from Resolute, NU
2019-03-25 10:48:55	74.361	-92.124	18.0	2.4	89 km SE from Resolute, NU
2019-04-13 22:22:18	74.666	-94.160	18.0	3.0	20 km E from Resolute, NU
2019-04-28 01:03:55	73.970	-94.999	18.0	2.1	81 km S from Resolute, NU
2019-05-31 15:23:15	74.504	-96.916	18.0	2.8	66 km W from Resolute, NU
2019-07-03 07:49:19	74.474	-94.840	18.0	2.5	25 km S from Resolute, NU
2019-08-31 12:12:16	74.481	-94.565	18.0	2.6	25 km S from Resolute, NU
2019-09-10 10:26:22	75.116	-96.650	18.0	2.2	32 km S from Polaris, NU
2019-09-24 08:29:29	75.318	-95.472	18.0	2.6	41 km E from Polaris, NU
2019-10-08 21:05:08	74.288	-92.400	18.0	3.8	86 km SE from Resolute, NU
2019-11-04 09:21:39	74.468	-94.220	18.0	2.5	31 km SE from Resolute, NU
2019-12-24 10:04:29	74.143	-95.139	18.0	2.1	62 km S from Resolute, NU

2020-01-16 06:33:46	74.278	-94.362	18.0	2.1	49 km S from Resolute, NU
2020-01-31 00:36:04	75.179	-94.454	18.0	2.2	55 km N from Resolute, NU
2020-03-24 02:24:32	74.451	-93.120	18.0	2.6	58 km SE from Resolute, NU
2020-03-26 17:11:55	74.737	-93.824	18.0	2.4	30 km E from Resolute, NU
2020-04-10 21:03:51	74.705	-92.897	18.0	2.5	57 km E from Resolute, NU
2020-04-27 21:21:39	74.483	-92.118	18.0	2.3	84 km E from Resolute, NU
2020-05-02 04:59:24	74.734	-94.537	18.0	2.5	10 km NE from Resolute, NU
2020-05-11 14:18:00	74.473	-94.156	18.0	2.3	32 km SE from Resolute, NU
2020-05-12 12:19:35	74.079	-94.612	18.0	2.3	69 km S from Resolute, NU
2020-05-21 09:26:15	74.137	-95.231	18.0	2.1	64 km S from Resolute, NU
2020-06-03 22:13:23	74.731	-93.724	18.0	2.3	33 km E from Resolute, NU
2020-06-18 23:30:32	74.282	-92.264	18.0	2.2	90 km SE from Resolute, NU
2020-08-14 09:56:54	74.525	-94.813	18.0	2.5	19 km S from Resolute, NU
2020-08-28 15:26:46	74.026	-96.263	18.0	2.7	86 km SW from Resolute, NU
2020-08-28 15:29:46	74.026	-96.262	18.0	2.6	86 km SW from Resolute, NU
2020-09-01 09:51:00	74.794	-96.626	18.0	3.3	54 km W from Resolute, NU
2020-09-01 10:14:25	74.801	-96.620	18.0	2.8	54 km W from Resolute, NU
2020-09-01 11:19:52	74.863	-95.506	18.0	2.5	27 km NW from Resolute, NU
2020-09-01 20:15:03	74.790	-96.630	18.0	2.2	54 km W from Resolute, NU
2020-09-16 02:07:44	74.381	-93.511	18.0	3.5	53 km SE from Resolute, NU
2020-09-19 18:48:44	75.212	-96.871	18.0	2.0	20 km S from Polaris, NU
2020-09-20 14:18:19	74.429	-93.940	18.0	2.2	40 km SE from Resolute, NU
2020-11-20 03:49:52	74.883	-96.416	18.0	3.0	51 km NW from Resolute, NU
2020-12-02 16:46:23	75.118	-97.499	18.0	2.6	36 km SW from Polaris, NU