

Seisan S-File: Glacial example

June 3rd 2017, 23:06

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2017 6 3 2306 58.7GR 69.117 -49.981 0.0F DNK 4 1.4 2.2LDNK 1
GAP=162 2.96 11.3 21.0 0.0 0.7861E+02 0.0000E+00 0.0000E+00E
ACTION:UP 20-03-05 15:54 OP:asgs STATUS: ID:20170603230501 I
OLDACT:UP 20-03-05 15:54 OP:asgs STATUS: ID:20170603230501 3
OLDACT:SPL 19-10-24 10:14 OP:tdj STATUS: ID:20170603230501 3
OLDACT:ARG 17-06-04 12:58 OP:hp STATUS: ID:20170603230501 3
2017-06-03-2305-01S.GL___063 6
2017 6 3 2235 60.0 R 1
2017-06-03-2235-59S.NSN___092_SEI 6
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ 7
ILULIHN IS 23 7 12.51 90 0.9410 45.9 284
DY2G BZ IP 23 7 48.44 49 1.4410 332 151
DY2G B1 IS 23 8 24.32 49 1.5810 332 151
DY2G BZ IAML 23 8 27.12 16.9 0.37 332 151
ICESGBZ IP 23 7 57.34 49 0.6310 411 86
ICESGB1 IS 23 8 38.25 49 -1.4010 411 86
ICESGBZ IAML 23 8 50.01 8.1 0.50 411 86
SFJD B2 IS 23 8 0.39 49 -2.0910 238 187
SFJD B2 IP C 23 9 20.06
ILULIHZ IP 23 7 4.99 90 -1.1010 45.9 284
ILULIHZ IAML 23 7 57.27 68.8 0.72 45.9 284
SFJD BZ IAML 23 8 7.98 39.4 0.79 238 187

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Seisan S-File: Tectonic example

June 27th 2016, 04:31

2016 627 0431 33.7GR 69.092 -49.837 2.0 DNK 5 1.5 2.4LDNK	1
GAP=109 4.02 10.8 37.5 24.9 0.9552E+02 -0.6127E+03 0.1700E+02E	
ACTION:UP 20-02-24 17:02 OP:asgs STATUS: ID:20160627043002	I
OLDACT:SPL 19-10-24 10:14 OP:tdj STATUS: ID:20160627043002	3
OLDACT:ARG 16-06-28 08:15 OP:hp STATUS: ID:20160627043002	3
2016-06-27-0430-02S.GL___057	6
2016 627 4 0 60.0 R	1
ACTION:REG 20-03-05 14:31 OP:asgs STATUS: ID:20160627040059	3
2016-06-27-0400-59S.NSN___065	6
STAT SP IPHASW D HRMM SECON CODA AMPLIT PERI AZIMU VELO AIN AR TRES W DIS CAZ 7	
ILULIHE IS 431 48.44 92 0.0710 52.1 285	
SFJD B2 IS 432 35.48 49 -1.2610 236 188	
NUUG HZ IP 432 17.57 49 -0.2210 301 337	
NUUG HE IS 432 51.45 49 1.0510 301 337	
NUUG HZ IAML 432 59.59 36.0 0.56 301 337	
DY2G B2 IS 432 58.10 49 1.7810 327 151	
ICESGBZ IP 432 33.24 49 2.3710 405 85	
ICESGB1 IS 433 10.07 49 -3.0910 405 85	
SFJD BZ IP 432 9.43 30 49 -0.5110 236 188	
SFJD BZ IAML 432 39.44 89.3 0.57 236 188	
SFJD BZ E 432 39.73	
ILULIHZ IP 431 41.02 92 -1.1310 52.1 285	
ILULIHZ IAML 431 55.41 80.4 0.64 52.1 285	
DY2G BZ IP 432 22.15 49 0.9510 327 151	
DY2G BZ IAML 433 2.83 17.1 0.71 327 151	

All data

	Date	Latitude	Longitude	Magnitude (Local)	RMS	No. of stations used for calculation	Depth (km)	Depth (km) (without fix)	lat. error (km)	long. Error (km)	Depth error (km)	Type
1	29-02-2016_17.49	69,074	-50,316	1,9	1,10	5	15,60	-	7,80	31,40	13,40	Tectonic
2	13-05-2016_03.25	69,496	-52,773	2,7	0,50	4	31,60	-	7,60	25,00	5,70	Tectonic
3	13-05-2016_06.51	69,010	-50,280	1,6	0,80	4	8,50	-	13,70	43,60	32,40	Tectonic
4	19-05-2016_08.28	69,148	-51,080	2,0	0,60	5	0,0F	5,30	3,10	16,80	-	Glacial
5	23-06-2016_14.34	68,974	-50,271	2,0	1,20	6	0,00	-	14,10	44,10	40,80	Tectonic
6	25-06-2016_07.15	69,112	-50,558	2,2	0,70	5	18,00	-	5,70	21,60	8,30	Tectonic
7	26-06-2016_06.50	69,111	-49,569	2,8	1,20	7	0,0F	0,00	7,60	18,60	-	Glacial
8	26-06-2016_07.01	68,195	-52,271	2,1	2,00	6	0,0F	0,00	10,10	58,30	-	Glacial
9	26-06-2016_08.00	69,099	-49,879	2,2	1,40	5	0,00	-	10,00	34,30	23,70	Tectonic
11	08-07-2016_16.33	69,034	-50,179	2,2	1,90	6	0,0F	30,20	12,10	32,40	-	Glacial
12	08-07-2016_17.13	69,184	-50,789	2,5	1,40	6	32,80	-	9,70	40,60	9,10	Tectonic
13	10-07-2016_04.36	69,040	-50,091	2,0	0,70	5	0,0F	7,30	4,60	12,40	-	Glacial
14	26-07-2016_10.18	68,230	-51,399	2,2	1,40	6	0,00	-	7,90	58,40	17,80	Tectonic
15	26-07-2016_14.27	69,954	-51,416	2,0	3,10	7	0,00	-	18,40	108,20	41,00	Tectonic
16	29-07-2016_08.57	68,452	-51,716	3,2	0,10	3	31,30	-	1,40	14,20	5,50	Tectonic
17	29-07-2016_09.12	68,228	-52,317	2,6	1,30	6	12,60	-	8,00	59,70	15,30	Tectonic
18	30-07-2016_15.25	69,026	-50,169	2,3	1,30	5	2,70	-	9,30	34,60	21,20	Tectonic
19	13-08-2016_08.34	68,983	-50,443	2,4	0,80	5	2,80	-	5,80	23,60	13,10	Tectonic
20	28-08-2016_00.37	69,025	-50,107	1,9	2,00	4	0,0F	0,10	14,70	34,30	-	Glacial
22	20-09-2016_03.34	69,501	-52,602	2,0	1,30	5	0,0F	1,50	8,70	36,20	-	Glacial
23	02-11-2016_18.47	69,197	-50,973	2	1,50	5	35,10	-	15,40	85,60	15,30	Tectonic
24	11-05-2017_09.38	69,041	-50,510	2,3	0,50	6	4,20	-	4,80	17,50	12,40	Tectonic
25	18-05-2017_03.58	68,945	-50,647	2,7	0,90	5	0,00	-	6,50	28,10	15,30	Tectonic
26	27-05-2017_01.25	69,161	-49,652	2,1	1,70	5	0,0F	25,40	10,70	38,50	-	Glacial
27	02-06-2017_10.06	69,078	-50,570	2,0	0,90	5	21,30	-	6,70	28,40	9,10	Tectonic
29	03-06-2017_23.38	68,965	-50,350	2,8	1,20	5	0,0F	0,00	6,60	23,00	-	Glacial
30	14-06-2017_13.26	68,882	-50,083	2,3	1,10	4	0,0F	9,00	7,10	20,30	-	Glacial
31	26-06-2017_10.35	68,990	-50,314	1,9	1,20	4	0,0F	0,00	8,30	22,50	-	Glacial
32	30-06-2017_05.05	69,112	-51,053	2,8	0,90	6	53,30	-	13,30	46,70	19,60	Tectonic
33	01-08-2017_17.10	69,143	-50,427	2,0	1,70	4	0,0F	0,00	14,00	27,80	-	Glacial
34	01-08-2017_22.19	69,044	-50,241	2,3	0,50	4	0,0F	0,00	3,90	10,40	-	Glacial
35	09-08-2017_09.52	69,111	-50,044	2,3	2,10	7	0,0F	8,30	10,00	29,60	-	Glacial
36	10-08-2017_09.23	69,921	-50,960	2,3	2,10	4	0,0F	2,00	11,30	57,70	-	Glacial
37	13-08-2017_11.57	69,399	-51,347	2,3	1,40	5	64,10	-	15,70	80,00	21,50	Tectonic
38	29-08-2017_08.44	69,087	-49,907	2,1	1,10	5	0,0F	9,50	8,00	28,40	-	Glacial
39	31-08-2017_21.15	69,082	-50,660	2,1	1,10	4	0,0F	0,00	7,60	36,60	-	Glacial
40	03-09-2017_02.13	69,214	-48,820	2,1	2,00	4	0,0F	30,90	14,30	48,40	-	Glacial
41	21-09-2017_10.03	69,091	-50,138	2,2	1,40	6	12,10	-	8,80	35,60	16,50	Tectonic
42	31-10-2017_08.57	69,141	-50,140	2,0	1,80	5	0,0F	26,80	9,90	28,30	-	Glacial

43	02-11-2017_07:49	69,111	-50,476	2,0	1,60	5	0,0F	0,00	10,50	47,30	-	Glacial
44	10-11-2017_10:16	69,270	-51,161	2,2	1,10	5	25,70	-	8,00	37,60	6,50	Tectonic
45	17-01-2018_02:55	69,109	-48,887	2,3	1,10	3	99,70	-	12,10	89,60	44,60	Tectonic
46	17-01-2018_02:55	69,160	-48,911	2,3	2,80	6	93,30	-	20,90	85,90	79,80	Tectonic
47	25-01-2018_18:00	69,148	-50,366	1,9	2,10	5	19,80	-	14,70	59,70	22,60	Tectonic
48	10-02-2018_02:15	70,056	-51,475	1,9	1,80	5	0,0F	0,00	8,90	54,50	-	Glacial
49	22-05-2018_21:45	69,042	-51,014	2,1	1,40	6	0,0F	27,00	7,30	35,30	-	Glacial
50	28-05-2018_05:42	69,108	-50,334	1,9	1,40	5	0,0F	0,00	7,00	32,30	-	Glacial
51	13-06-2018_03:09	68,070	-51,961	2,1	1,00	5	103,50	-	12,80	49,20	48,70	Tectonic
52	14-06-2018_12:58	68,931	-50,478	2,1	1,00	5	0,0F	2,90	5,30	24,90	-	Glacial
53	02-07-2018_19:07	69,196	-49,252	2,4	1,80	7	0,0F	21,00	10,40	60,00	-	Glacial
54	21-07-2018_01:33	68,508	-50,832	2,3	0,70	5	0,0F	58,40	15,00	44,70	-	Glacial
55	26-07-2018_03:51	69,123	-50,380	2,80	1,60	6	0,0F	5,30	8,40	38,70	-	Glacial
57	10-08-2018_10:28	69,089	-50,341	2,3	1,30	7	18,80	-	8,10	34,40	17,30	Tectonic
59	21-08-2018_02:07	69,054	-50,976	2,5	1,40	8	0,00	-	7,90	35,90	21,30	Tectonic
60	22-08-2018_04:03	69,091	-50,627	2,4	1,40	5	0,00	-	9,20	42,20	21,40	Tectonic
61	22-08-2018_14:26	69,107	-50,292	2,3	1,20	5	0,00	-	7,90	34,70	18,40	Tectonic
63	28-08-2018_04:24	68,952	-50,360	2,1	1,40	6	0,0F	28,40	9,20	43,30	-	Glacial
64	29-08-2018_08:30	69,154	-50,701	1,6	0,90	4	0,0F	0,00	5,00	24,80	-	Glacial
65	12-10-2018_03:04	69,221	-49,722	2,00	1,30	5	8,10	-	10,10	60,80	24,10	Tectonic
66	15-10-2018_01:18	69,041	-50,899	2,3	1,70	7	0,0F	0,00	7,30	23,50	-	Glacial
67	16-12-2018_14:05	69,205	-49,950	1,8	0,90	5	11,10	-	7,10	36,60	15,20	Tectonic
10S	27-06-2016_04:31	69,092	-49,837	2,4	1,50	5	2,60	-	10,80	37,50	24,90	Tectonic
21S	30-08-2016_09:08	68,264	-51,082	2,9	2,80	6	0,00	-	15,10	102,70	36,90	Tectonic
28S	03-06-2017_23:06	69,117	-49,981	2,2	1,40	4	0,0F	45,40	11,30	21,00	-	Glacial
56S	28-07-2018_03:45	68,254	-51,526	3,0	1,40	5	27,70	-	13,40	81,80	22,00	Tectonic
58S	14-08-2018_12:23	69,111	-50,053	2,3	1,40	7	0,0F	11,60	6,60	23,70	-	Glacial
62S	23-08-2018_03:17	69,188	-49,508	2,2	1,50	6	0,0F	21,50	9,00	51,10	-	Glacial

Dato	Latitude	Longitude	My average magnitude	RMS	No. of stations used for calculation	Depth (km)	Depth (km) (without fix)				Type?
Average:			2,2	1,36	5,23880597	22,24	11,45	9,59	41,13	22,37	
Standard afvigelse:			0,32	0,55		28,90	15,12				

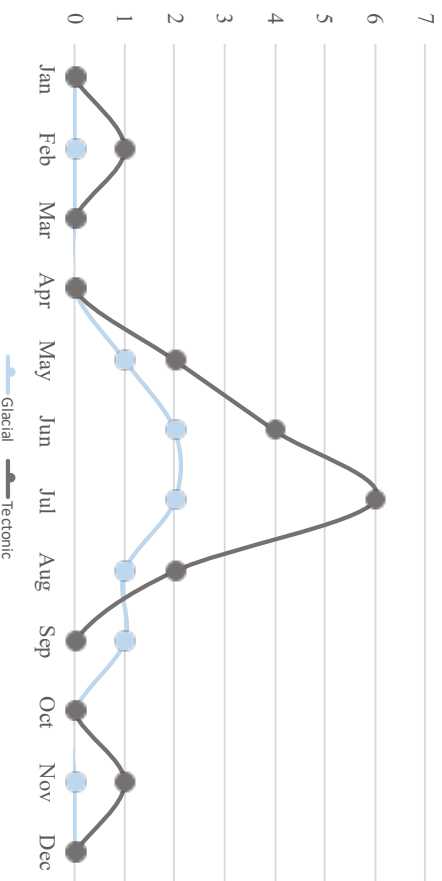
Month	2016		2017		2018		Total in the period (2016-2018)			Average per year (2016-2018)	
	Glacial	Tectonic	Glacial	Tectonic	Glacial	Tectonic	Glacial	Tectonic	Total	Glacial	Tectonic
Jan	0	0	0	0	0	3	0,00	1,00	3	0,00	1,00
Feb	0	1	0	0	1	1	0,33	0,33	2	0,33	0,67
Mar	0	0	0	0	0	0	0,00	0,00	0	0,00	0,00
Apr	0	0	0	0	0	0	0,00	0,00	0	0,00	0,00
May	1	2	1	2	2	4	1,33	1,33	8	1,33	2,67
Jun	2	4	4	2	1	7	2,33	2,33	14	2,33	4,67
Jul	2	6	0	0	3	7	1,67	2,33	12	1,67	4,00
Aug	1	2	6	1	4	7	3,67	2,33	18	3,67	6,00
Sep	1	0	1	1	0	1	0,67	0,33	3	0,67	1,00
Oct	0	0	1	0	1	1	0,67	0,33	3	0,67	1,00
Nov	0	1	1	1	0	2	0,33	0,67	3	0,33	1,00
Dec	0	0	0	0	1	1	0,00	0,33	1	0,00	0,33
SUM:	7	16	14	7	12	33			67		

SUM Glacial:
33

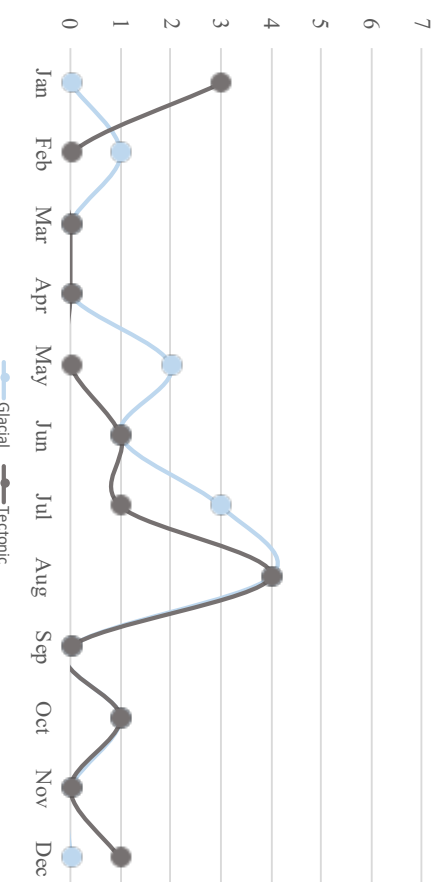
SUM Tectonic:
34

Total SUM:
67

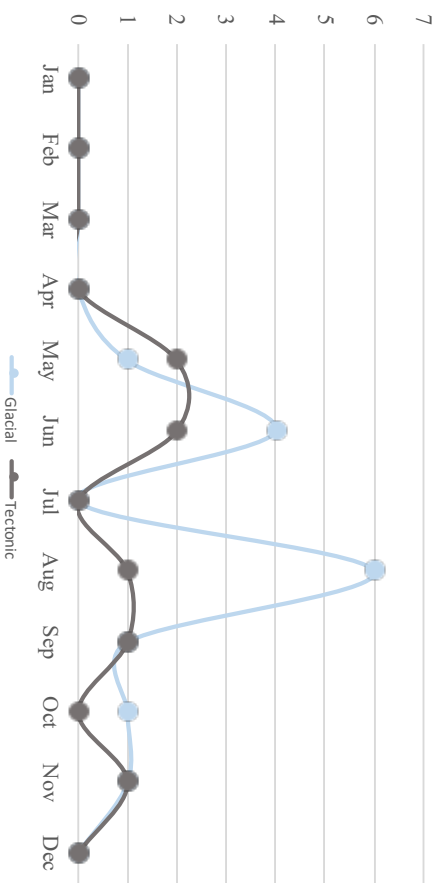
Temporal earthquake analysis 2016



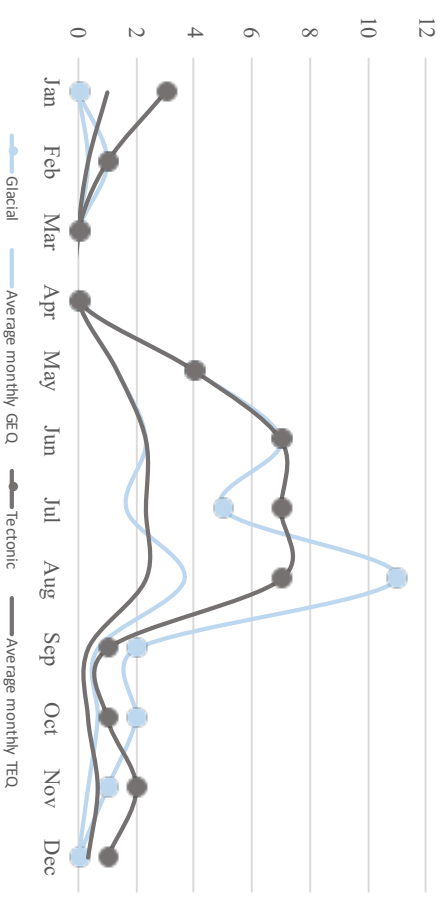
Temporal earthquake analysis 2018



Temporal earthquake analysis 2017



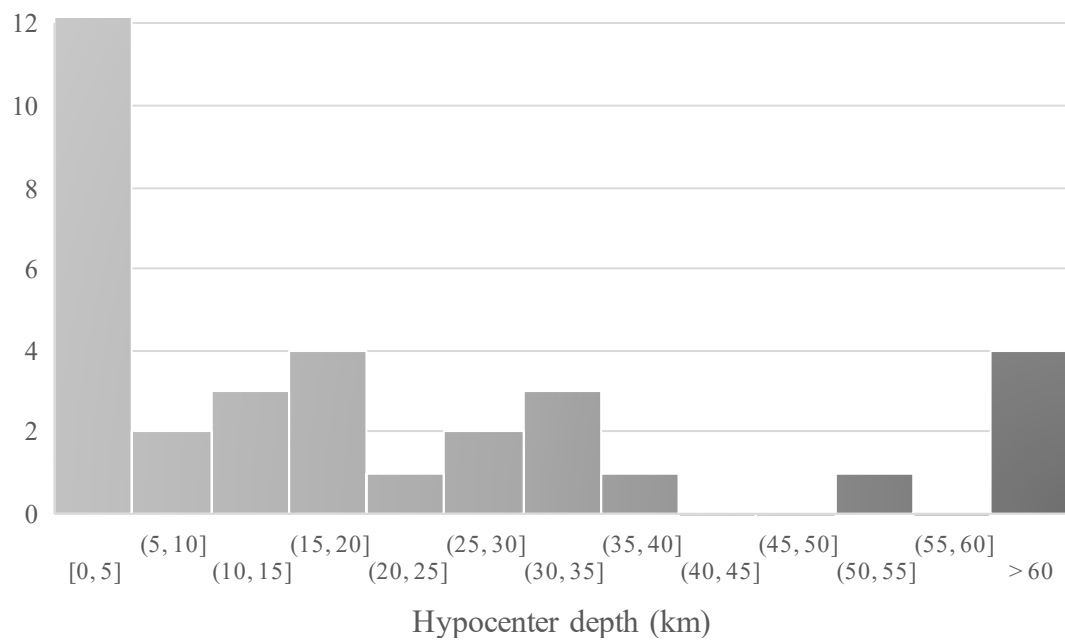
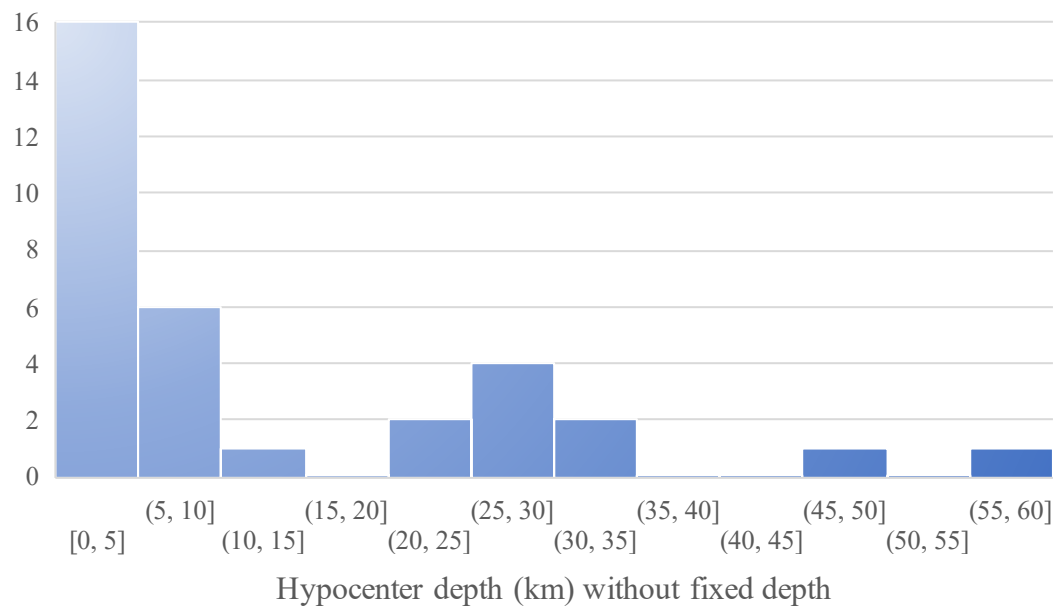
Temporal changes in glacial earthquakes (2016-2018)



Depth comparison

GLACIAL	Depth (km) (without fix)
4	5
7	0
8	0
11	30
13	7
20	0
22	2
26	25
28 S	45
29	0
30	9
31	0
33	0
34	0
35	8
36	2
38	10
39	0
40	31
42	27
43	0
48	0
49	27
50	0
52	3
53	21
54	58
55	5
58 S	12
62 S	22
63	28
64	0
66	0
Average:	11,45
Std. afv.	15,12

TECTONIC	Depth (Km)
1	15,6
2	31,6
3	8,5
5	0,0
6	18,0
9	0,0
10 S	2,6
12	32,8
14	0,0
15	0,0
16	31,3
17	12,6
18	2,7
19	2,8
21 S	0,0
23	35,1
24	4,2
25	0,0
27	21,3
32	53,3
37	64,1
41	12,1
44	25,7
45	99,7
46	93,3
47	19,8
51	103,5
56 S	27,7
57	18,8
59	0,0
60	0,0
61	0,0
65	8,1
67	11,1
Average:	22,24
Std. afv:	28,90



Glacial only

	Date	Latitude	Longitude	Magnitude (Local)	Distance fra GEUS (km)	RMS
4	19-05-2016_08.28	69,148	-51,080	2,0	26	0,60
7	26-06-2016_06.50	69,111	-49,569	2,8	88	1,20
8	26-06-2016_07.01	68,195	-52,271	2,1	121	2,00
11	08-07-2016_16.33	69,034	-50,179	2,2	6,0	1,90
13	10-07-2016_04.36	69,040	-50,091	2,0	22	0,70
20	28-08-2016_00.37	69,025	-50,107	1,9	3,5	2,00
22	20-09-2016_03.34	69,501	-52,602	2,0	85	1,30
26	27-05-2017_01.25	69,161	-49,652	2,1	103	1,70
29	03-06-2017_23.38	68,965	-50,350	2,8	33	1,20
30	14-06-2017_13.26	68,882	-50,083	2,3	25	1,10
31	26-06-2017_10.35	68,990	-50,314	1,9	4,8	1,20
33	01-08-2017_17.10	69,143	-50,427	2,0	28	1,70
34	01-08-2017_22.19	69,044	-50,241	2,3	31	0,50
35	09-08-2017_09.52	69,111	-50,044	2,3	35	2,10
36	10-08-2017_09.23	69,921	-50,960	2,3	26	2,10
38	29-08-2017_08.44	69,087	-49,907	2,1	27	1,10
39	31-08-2017_21.15	69,082	-50,660	2,1	38	1,10
40	03-09-2017_02.13	69,214	-48,820	2,1	130	2,00
42	31-10-2017_08.57	69,141	-50,140	2,0	20	1,80
43	02-11-2017_07.49	69,111	-50,476	2,0	30	1,60
48	10-02-2018_02.15	70,056	-51,475	1,9	41	1,80
49	22-05-2018_21.45	69,042	-51,014	2,1	26	1,40
50	28-05-2018_05.42	69,108	-50,334	1,9	25	1,40
52	14-06-2018_12.58	68,931	-50,478	2,1	59	1,00
53	02-07-2018_19.07	69,196	-49,252	2,4	46	1,80
54	21-07-2018_01.33	68,508	-50,832	2,3	72	0,70
55	26-07-2018_03.51	69,123	-50,380	2,8	115	1,60
63	28-08-2018_04.24	68,952	-50,360	2,1	44	1,40
64	29-08-2018_08.30	69,154	-50,701	1,6	12	0,90
66	15-10-2018_01.18	69,041	-50,899	2,3	28	1,70
28 S	03-06-2017_23.06	69,117	-49,981	2,2	30	1,40
58 S	14-08-2018_12.23	69,111	-50,053	2,3	13	1,40
62 S	23-08-2018_03.17	69,188	-49,508	2,2	13	1,50

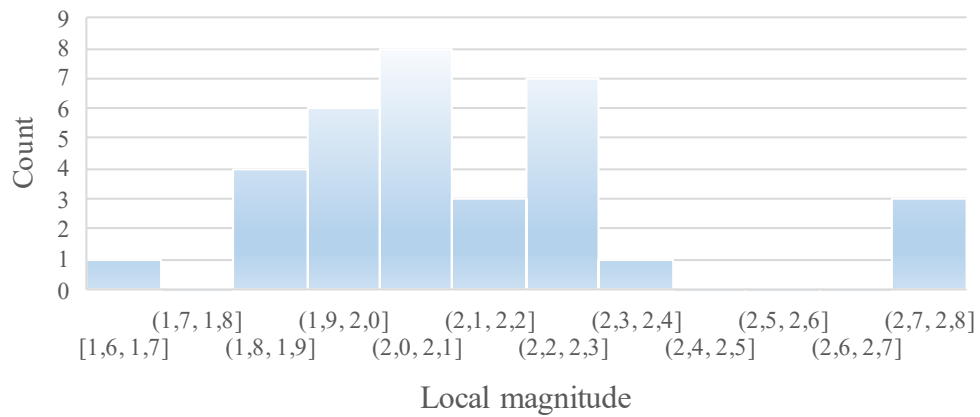
Average 2,14

Standardavg.

No. of stations used for calculation	Depth (Km)	Depth (km) (without fix)	lat. error (km)	long. Error (km)	Depth error (km)	Type?
5	0,0F	5,30	3,10	16,80	-	Glacial
7	0,0F	0,00	7,60	18,60	-	Glacial
6	0,0F	0,00	10,10	58,30	-	Glacial
6	0,0F	30,20	12,10	32,40	-	Glacial
5	0,0F	7,30	4,60	12,40	-	Glacial
4	0,0F	0,10	14,70	34,30	-	Glacial
5	0,0F	1,50	8,70	36,20	-	Glacial
5	0,0F	25,40	10,70	38,50	-	Glacial
5	0,0F	0,00	6,60	23,00	-	Glacial
4	0,0F	9,00	7,10	20,30	-	Glacial
4	0,0F	0,00	8,30	22,50	-	Glacial
4	0,0F	0,00	14,00	27,80	-	Glacial
4	0,0F	0,00	3,90	10,40	-	Glacial
7	0,0F	8,30	10,00	29,60	-	Glacial
4	0,0F	2,00	11,30	57,70	-	Glacial
5	0,0F	9,50	8,00	28,40	-	Glacial
4	0,0F	0,00	7,60	36,60	-	Glacial
4	0,0F	30,90	14,30	48,40	-	Glacial
5	0,0F	26,80	9,90	28,30	-	Glacial
5	0,0F	0,00	10,50	47,30	-	Glacial
5	0,0F	0,00	8,90	54,50	-	Glacial
6	0,0F	27,00	7,30	35,30	-	Glacial
5	0,0F	0,00	7,00	32,30	-	Glacial
5	0,0F	2,90	5,30	24,90	-	Glacial
7	0,0F	21,00	10,40	60,00	-	Glacial
5	0,0F	58,40	15,00	44,70	-	Glacial
6	0,0F	5,30	8,40	38,70	-	Glacial
6	0,0F	28,40	9,20	43,30	-	Glacial
4	0,0F	0,00	5,00	24,80	-	Glacial
7	0,0F	0,00	7,30	23,50	-	Glacial
4	0,0F	45,40	11,30	21,00	-	Glacial
7	0,0F	11,60	6,60	23,70	-	Glacial
6	0,0F	21,50	9,00	51,10	-	Glacial
11,45			8,90	33,50		
15,1186789						

Total number of earthquakes during 2016 to 2018			
	Glacial Earthquakes	Summer	Winter
January	0		0
February	1		1
March	0		0
April	0		0
May	4	4	
June	7	7	
July	5	5	
August	11	11	
September	2		2
October	2		2
November	1		1
December	0		0
SUM:	33	27	6
Seasonally average per month		6,75	0,75
Probability for a summer GEQ		9	

Glacial magnitude distribution



Tectonic only

	Date	Latitude	Longitude	Magnitude (Local)	Distance fra GEUS (km)
1	29-02-2016_17.49	69,074	-50,316	1,9	4
2	13-05-2016_03.25	69,496	-52,773	2,7	104
3	13-05-2016_06.51	69,010	-50,280	1,6	60
5	23-06-2016_14.34	68,974	-50,271	2,0	8,2
6	25-06-2016_07.15	69,112	-50,558	2,2	6,5
9	26-06-2016_08.00	69,099	-49,879	2,2	1,3
10 S	27-06-2016_04.31	69,092	-49,837	2,4	5
12	08-07-2016_17.13	69,184	-50,789	2,5	45
14	26-07-2016_10.18	68,230	-51,399	2,2	13
15	26-07-2016_14.27	69,954	-51,416	2,0	10
16	29-07-2016_08.57	68,452	-51,716	3,2	45
17	29-07-2016_09.12	68,228	-52,317	2,6	30
18	30-07-2016_15.25	69,026	-50,169	2,3	65
19	13-08-2016_08.34	68,983	-50,443	2,4	7,0
21 S	30-08-2016_09.08	68,264	-51,082	2,9	20
23	02-11-2016_18.47	69,197	-50,973	2	30
24	11-05-2017_09.38	69,041	-50,510	2,3	6,0
25	18-05-2017_03.58	68,945	-50,647	2,7	16
27	02-06-2017_10.06	69,078	-50,570	2,0	12
32	30-06-2017_05.05	69,112	-51,053	2,8	41
37	13-08-2017_11.57	69,399	-51,347	2,3	55
41	21-09-2017_10.03	69,091	-50,138	2,2	14
44	10-11-2017_10.16	69,270	-51,161	2,20	129
45	17-01-2018_02.55	69,109	-48,887	2,3	45
46	17-01-2018_02.55	69,160	-48,911	2,3	32
47	25-01-2018_18.00	69,148	-50,366	1,9	28
51	13-06-2018_03.09	68,070	-51,961	2,1	16
56 S	28-07-2018_03.45	68,254	-51,526	3,00	45
57	10-08-2018_10.28	69,089	-50,341	2,3	1,3
59	21-08-2018_02.07	69,054	-50,976	2,5	8,5
60	22-08-2018_04.03	69,091	-50,627	2,4	4
61	22-08-2018_14.26	69,107	-50,292	2,3	12,3
65	12-10-2018_03.04	69,221	-49,722	2,00	30
67	16-12-2018_14.05	69,205	-49,950	1,8	39

Average	2,30882353	29
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Standard dev.

RMS	No. of stations used for calculation	Depth (Km)	lat. error (km)	long. Error (km)	Depth error (km)	Type
1,10	5	15,60	7,80	31,40	13,40	Tectonic
0,50	4	31,60	7,60	25,00	5,70	Tectonic
0,80	4	8,50	13,70	43,60	32,40	Tectonic
1,20	6	0,00	14,10	44,10	40,80	Tectonic
0,70	5	18,00	5,70	21,60	8,30	Tectonic
1,40	5	0,00	10,00	34,30	23,70	Tectonic
1,50	5	2,60	10,80	37,50	24,90	Tectonic
1,40	6	32,80	9,70	40,60	9,10	Tectonic
1,40	6	0,00	7,90	58,40	17,80	Tectonic
3,10	7	0,00	18,40	108,20	41,00	Tectonic
0,10	3	31,30	1,40	14,20	5,50	Tectonic
1,30	6	12,60	8,00	59,70	15,30	Tectonic
1,30	5	2,70	9,30	34,60	21,20	Tectonic
0,80	5	2,80	5,80	23,60	13,10	Tectonic
2,80	6	0,00	15,10	102,70	36,90	Tectonic
1,50	5	35,10	15,40	85,60	15,30	Tectonic
0,50	6	4,20	4,80	17,50	12,40	Tectonic
0,90	5	0,00	6,50	28,10	15,30	Tectonic
0,90	5	21,30	6,70	28,40	9,10	Tectonic
0,90	6	53,30	13,30	46,70	19,60	Tectonic
1,40	5	64,10	15,70	80,00	21,50	Tectonic
1,40	6	12,10	8,80	35,60	16,50	Tectonic
1,10	5	25,70	8,00	37,60	6,50	Tectonic
1,10	3	99,70	12,10	89,60	44,60	Tectonic
2,80	6	93,30	20,90	85,90	79,80	Tectonic
2,10	5	19,80	14,70	59,70	22,60	Tectonic
1,00	5	103,50	12,80	49,20	48,70	Tectonic
1,40	5	27,70	13,40	81,80	22,00	Tectonic
1,30	7	18,80	8,10	34,40	17,30	Tectonic
1,40	8	0,00	7,90	35,90	21,30	Tectonic
1,40	5	0,00	9,20	42,20	21,40	Tectonic
1,20	5	0,00	7,90	34,70	18,40	Tectonic
1,30	5	8,10	10,10	60,80	24,10	Tectonic
0,90	5	11,10	7,10	36,60	15,20	Tectonic

1,29	22,24	10,26	48,52	22,37
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28,9041697

15,01

Tectonic magnitude distribution

