

**Seismologically observed spatio-temporal drainage activity at moulins**

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Table S1

**Additional Supporting Information (Files uploaded separately)**

Captions for data files S1 to S6

**Introduction**

We provide geophone records at six stations at the Kaskawulsh Glacier from July 15 to August 1, 2014. Station coordinates are provided in Table S1. Seismograms at each station have been uploaded separately (data files S1-S6). Each .zip file contains hourly record files named:

(station number)/(date [YYYYmmdd])/(hour [HH] in UTC-07:00)

Each file is one-hour velocity seismogram at 250Hz sampling. The seismogram has 1-bit normalization applied such that 0 and 1 represent negative and positive amplitudes, respectively. File sizes for each one-hour record are therefore 250\*60\*60 bits (113KB). The binary data is prepared in little-endian ordering.

An example of reading the data in Matlab is as follows:

```
fid=fopen('1/20140728/17','r');  
y=fread(fid,[250*60*60,1],'ubit1',0,'l');  
fclose(fid);
```

station#	Easting	Northing	First data	Last data
1	603384	6736380	20140715/19	20140726/14
1	603469	6736370	20140726/16	20140801/08
2	605074	6737115	20140715/19	20140726/15
2	605079	6737109	20140726/17	20140801/08
3	606560	6737715	20140715/19	20140726/16
3	606560	6737715	20140726/23	20140801/08
4	604165	6734597	20140715/20	20140726/12
4	604170	6734600	20140726/15	20140801/08
5	605816	6735662	20140715/19	20140726/11
5	605816	6735662	20140726/14	20140801/08
6	607853	6736472	20140715/19	20140726/09

**Table S1.** Station coordinates in UTM Zone 7. The first and last data provided in data files S1–6 is listed.

**Data file S1.** Seismogram at station 1.

**Data file S2.** Seismogram at station 2.

**Data file S3.** Seismogram at station 3.

**Data file S4.** Seismogram at station 4.

**Data file S5.** Seismogram at station 5.

**Data file S6.** Seismogram at station 6.