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Soldier's Delight Station (SDMD) Spectrogram Record

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March 26 , 2024 (UTC),
vertical/global motion

This page automatically refreshes every 5 minutes, or click your browser's **"REFRESH"** or **"RELOAD"** button.

Other views:

Motion:

☒vertical

☐north/south

☐east/west

Scope:

☐local

☒global

view

« March , 2024 »						
Su	M	T	W	Th	F	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

*Records are available from
Dec. 4, 2017

Choose another month or
year:

March2024

view

View helicorder for this
day

Return to today's
spectrogram

Use the calendar to select another day or month to view. Click on a day box to view that day's spectrogram record. Use the **<<** and **>>** buttons next to the **"Month, Year"** title bar to skip forward or backward one month. Also, use the dropdown menus at the bottom of the calendar to select other months and years, then click the **"view"** button.

In the "Other Views" box above, select **"local"** or **"global"** radio buttons in the **"Scope"** column to view local seismic events or global events.

- Local:** Small, close-by seismic events. Locally generated seismic signals tend to be higher frequency and lower amplitude than large, distant events. There is more noise in the local display due to traffic, wind, etc.
- Global:** Large, distant seismic events. Major, more distant seismic events generate lower frequency and higher amplitude seismic signals, which obscure locally generated signals.

When you select **"local"** you are viewing data which has had the lower frequencies filtered out. When you select **"global"** you are viewing unfiltered data. You may also select a motion vector to view in the **"Motion"**, column. For more information about this helicorder record see the helicorder help page.

To see a listing of recent earthquake you might see on the helicorder records view:

- the [Local Quakes](#) page;
- the [LDEO Recent Earthquakes in the Northeastern U.S.](#) page;
- the ["World Earthquakes - Past 7 days"](#) page.

You can also use the USGS "Earthquake Travel Time Information and Calculator" page to estimate the arrival times of seismic waves from an epicenter to the Soldiers Delight seismometer. Use the following coodinates (decimal degrees) for the Soldiers Delight area::

latitude 39.4105
longitude -76.8397

