

CAPTIVATE AND CAMTASIA: ACCESSIBILITY AND SCREEN-RECORDING APPLICATIONS

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Overview

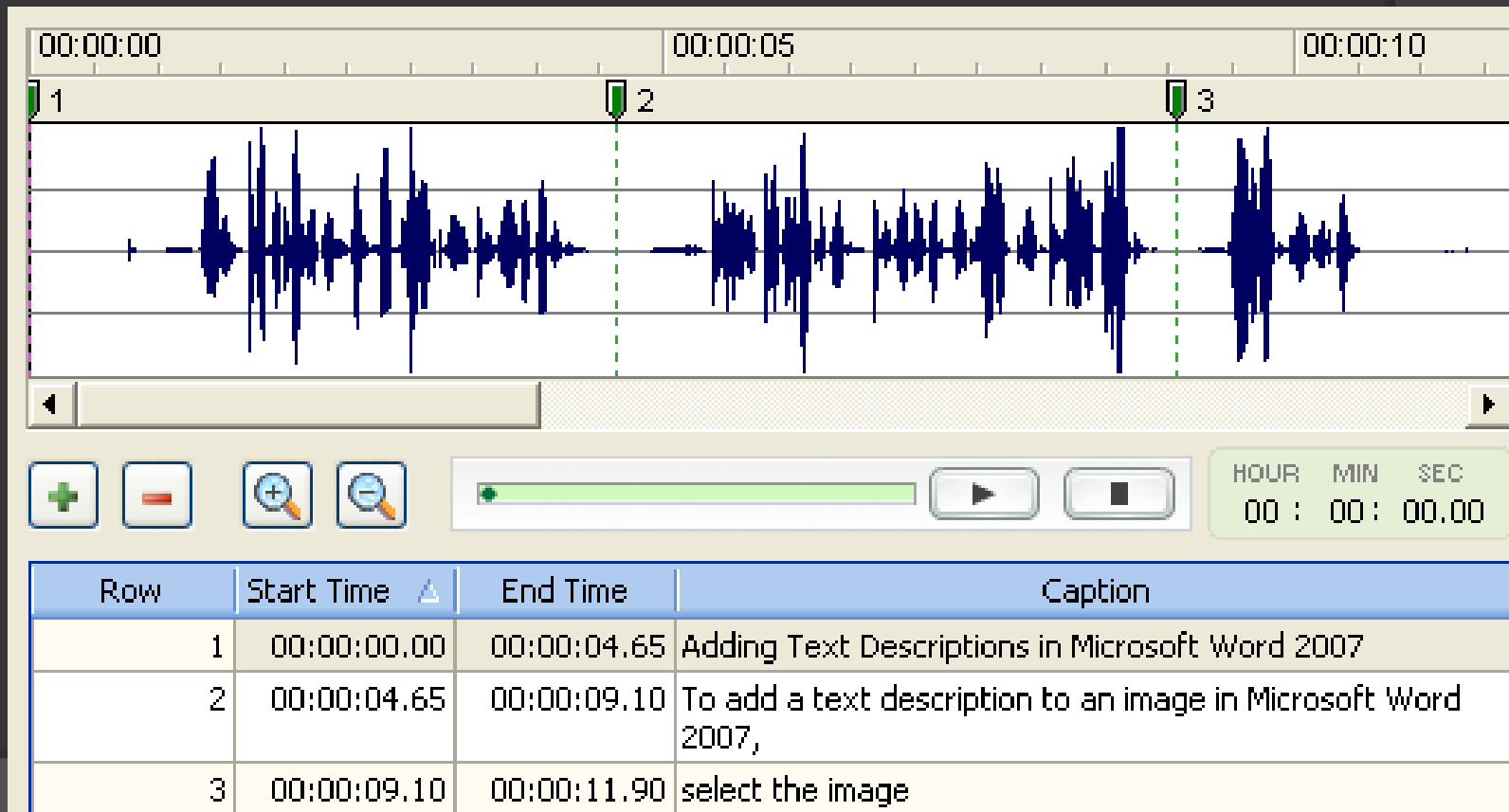
- Captioning
- Hotspots and Interactivity
- Keyboard Support



Adobe Captivate 3

Captivate: Captioning

- Captioning interface is under Slide > Properties > Audio
- Add a "Start Time" marker BEFORE starting Audio
- No option to import a time-coded file



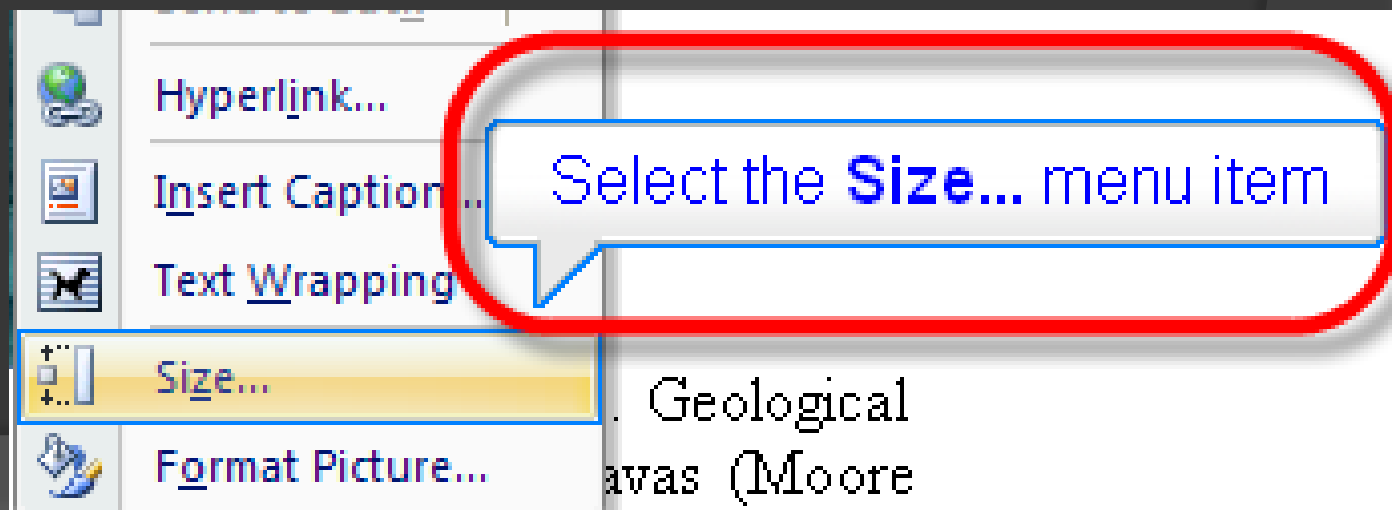
Row	Start Time	End Time	Caption
1	00:00:00.00	00:00:04.65	Adding Text Descriptions in Microsoft Word 2007
2	00:00:04.65	00:00:09.10	To add a text description to an image in Microsoft Word 2007,
3	00:00:09.10	00:00:11.90	select the image

Captivate: Captioning

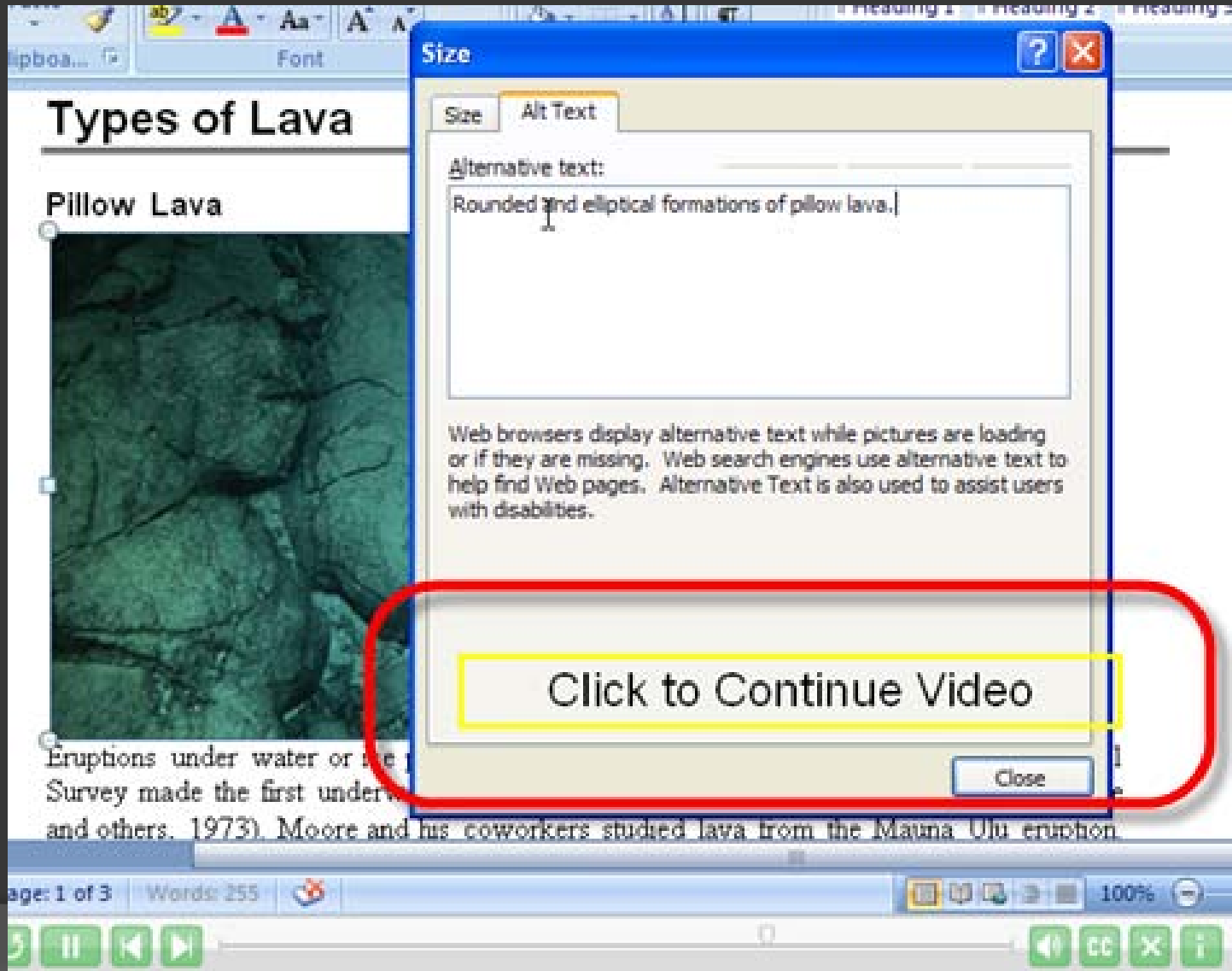
- ⦿ The Project "skin" controls the visual effects of the captions (Project > Skin)
- ⦿ Default settings are not appropriate for light colored backgrounds and should be modified
- ⦿ My settings for an 800x600 movie:
 - 2 Lines (visually)
 - 14 – 16pt font, White
 - Black Background, 0-20% Transparency

Captivate: Exporting

- Before exporting, check your "skin" settings to ensure captions are included
- If exporting as a MS Word document, "text captions" are not the same as "captioning"



Captivate: Interactivity



The screenshot displays a web browser window with a video player. The video player has a red progress bar and a yellow button labeled "Click to Continue Video". A "Size" dialog box is open over the video, showing the "Alt Text" tab with the text "Rounded and elliptical formations of pillow lava." and a "Close" button. The background shows a webpage titled "Types of Lava" with a section for "Pillow Lava" and a photograph of a lava flow. The browser's status bar at the bottom indicates "Page: 1 of 3" and "Words: 255".

Types of Lava

Pillow Lava

Rounded and elliptical formations of pillow lava.

Web browsers display alternative text while pictures are loading or if they are missing. Web search engines use alternative text to help find Web pages. Alternative Text is also used to assist users with disabilities.

Click to Continue Video

Close

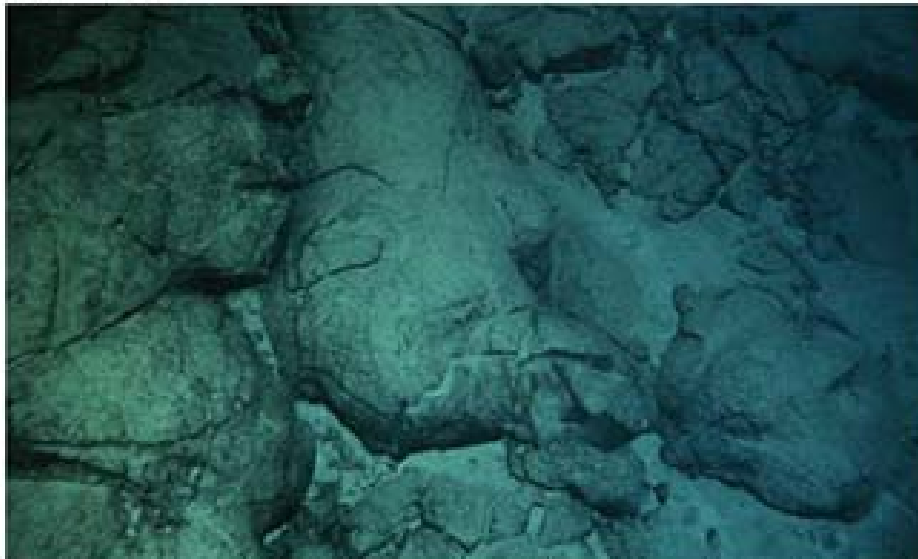
Page: 1 of 3 Words: 255 100%

Captivate: Interactivity

- Text captions are not read by default

Types of Lava

Pillow Lava

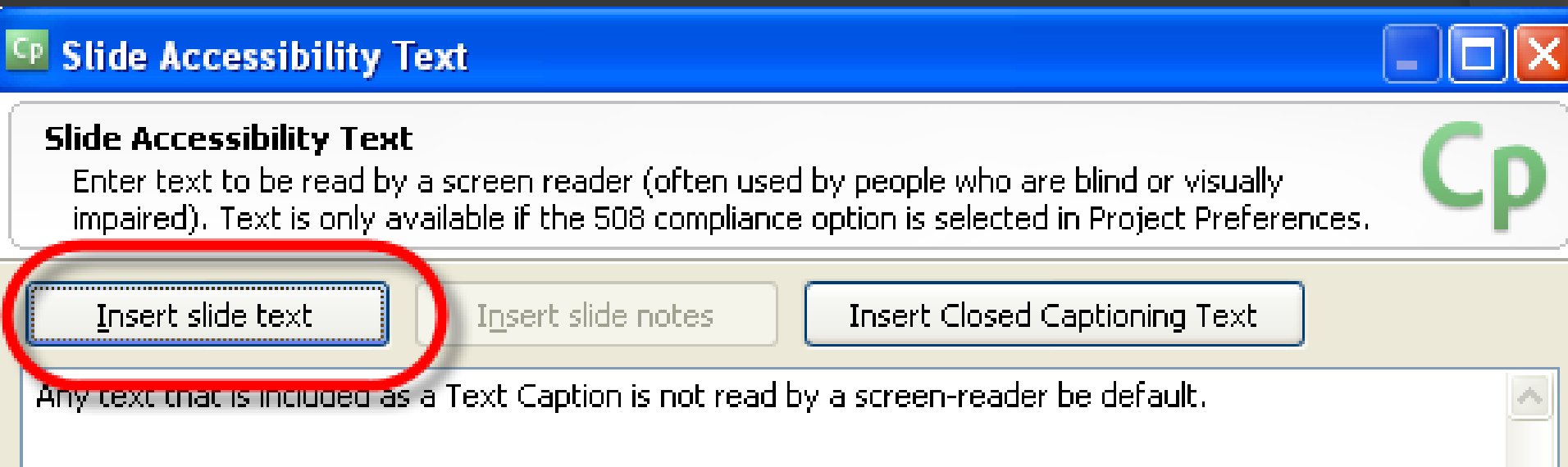


Any text that is included as a Text Caption is not read by a screen-reader by default.

Eruptions under water or ice produce pillow lava. James Moore of the U.S. Geological Survey made the first underwater observations of the formation of pillow lavas (Moore and others, 1973). Moore and his coworkers studied lava from the Mauna Ulu eruption.

Captivate: Interactivity

- For text captions or other slide notes, you can add this information as Slide Accessibility Text



Slide Accessibility Text

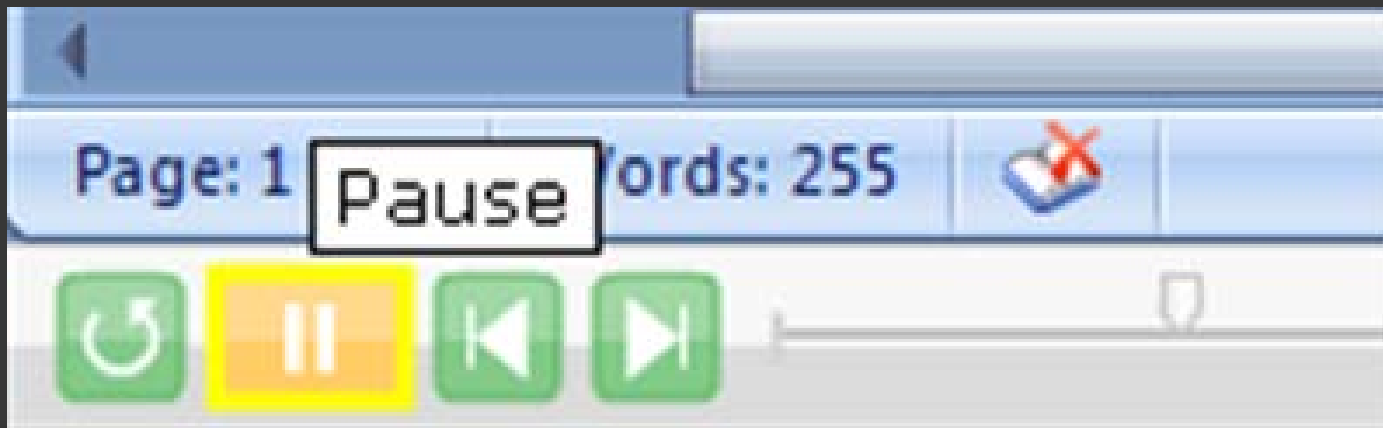
Enter text to be read by a screen reader (often used by people who are blind or visually impaired). Text is only available if the 508 compliance option is selected in Project Preferences.

Insert slide text Insert slide notes Insert Closed Captioning Text

Any text that is included as a Text Caption is not read by a screen-reader by default.

Captivate: Keyboard Support

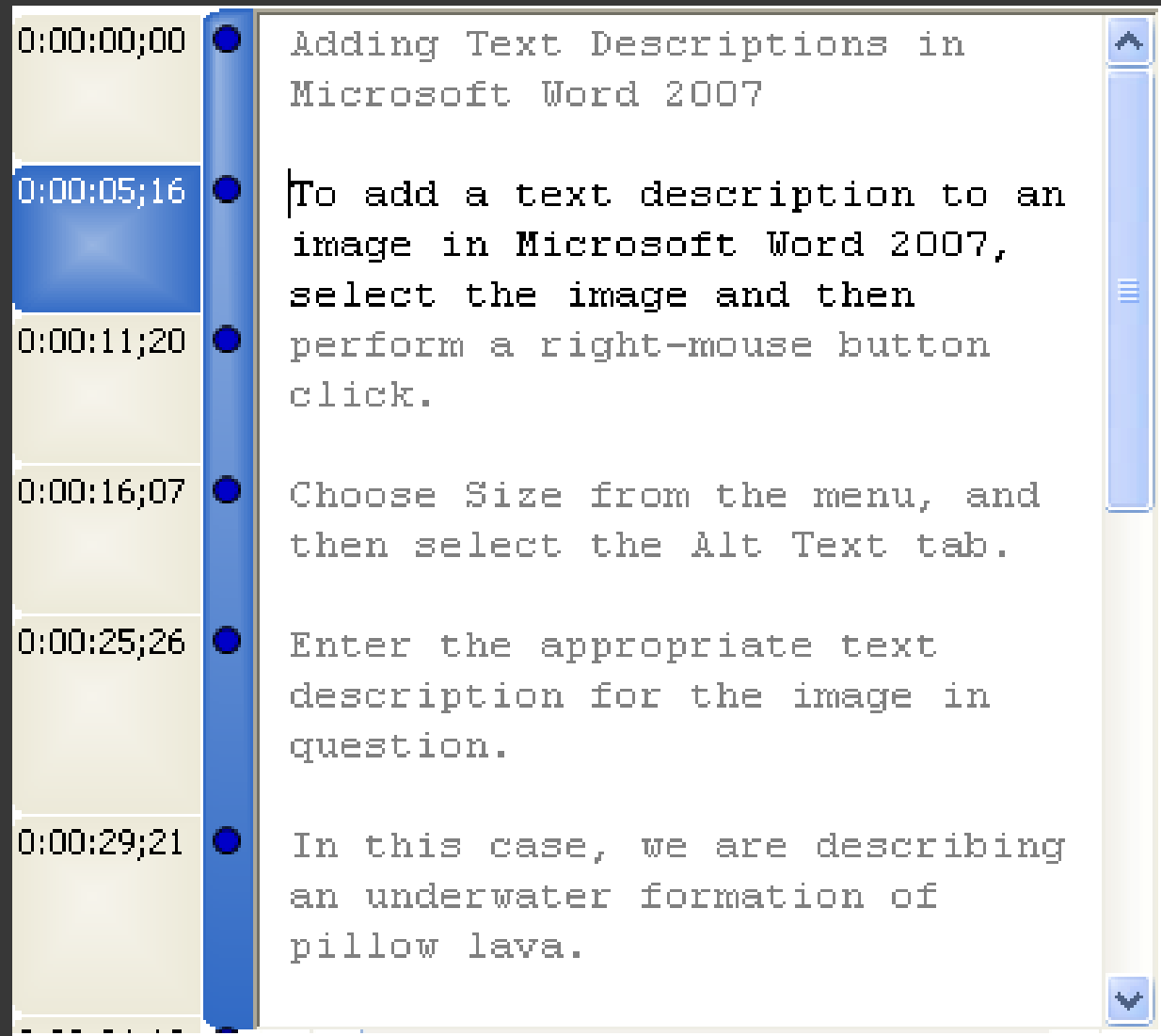
- Use the "tab" key for movie controls
- If assigning interactive regions specific keystrokes – BE CONSISTENT
 - Screen-reader user may need to invoke the "pass-through" function to activate the button



Camtasia Studio 5

Camtasia: Captioning

- Captioning interface is under Edit > Captions
- Text is automatically formatted into three rows



The screenshot displays the Camtasia captioning interface. On the left, a vertical timeline shows video segments with timestamps. The second segment, from 0:00:05;16 to 0:00:11;20, is highlighted in blue. To the right of the timeline is a list of captions, each with a blue circular bullet point. The first caption is 'Adding Text Descriptions in Microsoft Word 2007'. The second caption, corresponding to the highlighted segment, is 'To add a text description to an image in Microsoft Word 2007, select the image and then perform a right-mouse button click.'. The third caption is 'Choose Size from the menu, and then select the Alt Text tab.'. The fourth caption is 'Enter the appropriate text description for the image in question.'. The fifth caption is 'In this case, we are describing an underwater formation of pillow lava.'. The interface includes a vertical scrollbar on the right side.

Timestamp	Caption
0:00:00;00	Adding Text Descriptions in Microsoft Word 2007
0:00:05;16	To add a text description to an image in Microsoft Word 2007, select the image and then perform a right-mouse button click.
0:00:11;20	Choose Size from the menu, and then select the Alt Text tab.
0:00:16;07	Enter the appropriate text description for the image in question.
0:00:25;26	
0:00:29;21	In this case, we are describing an underwater formation of pillow lava.

Camtasia: Captioning

by assistive computer technologies.

For more information about how much

Microsoft Word document.

Your text description of the

Once you have entered the information,
press the "Close" button to return to
the

Camtasia: Captioning

- Allow two lines of text followed by a blank line
- For one line of content, allow two blank lines

0:00:00;00	○	Adding Text Descriptions in Microsoft Word 2007
0:00:05;14	●	To add a text description to an image in Microsoft Word
0:00:08;22	●	2007, select the image and then perform a
0:00:12;24	●	right-mouse button click.
0:00:16;03	○	Choose Size from the menu, and then select the Alt Text tab.
0:00:25;24	○	Enter the appropriate text description for the image
0:00:28;13	○	in question.

Camtasia: Exporting

- Camtasia provides a variety of export formats
- The usability of captioning can depend on the export format specified
- For captions to be included, the "Display" option must be enabled

Display

Geology 2.3 – volcanoes

Types of Lava

Pillow Lava



Eruptions under water or ice produce pillow lava. James M. Moore and his coworkers (Moore and Moore, 1973). Moore and his coworkers studied lava flows from the south coast of Kilauea volcano, Hawaii. They described pillow lavas as elongate, interconnected flows that are circular in cross-section (Moore, 1975). This photo shows pillow lava forming off the south coast of Kilauea volcano, Hawaii. (Photograph by Gordon Tribble and courtesy of the U.S. Geological Survey)

Page: 1 of 2 Words: 255 90%

Choose Size from the menu, and then select the Alt Text tab.

Display + Overlay

The screenshot shows the Microsoft Word interface with the following elements:

- Title Bar:** 01 Volcanoes.docx - Microsoft Word
- Menu Bar:** Home, Insert, Page Layout, References, Mailings, Review, View, Add-Ins, Acrobat, Format
- Ribbon:** Font (Times New Roman, 12), Paragraph, Styles (AaBb, AaBb, AaBbCc, Heading 1, Heading 2, Heading 3), Change Styles, Editing.
- Document Content:**
 - Section: Geology 2.3 – volcanoes
 - Section: Types of Lava
 - Section: Pillow Lava
 - Image: A photograph of pillow lava rocks.
 - Text: Eruptions under water or ice produce pillow lava. James N. ... Survey made the first underwater observations of the form ... and others, 1973 ... They described pillow lavas as elongate, interconnected ... circular in cross-section ... forming off the south coast of Kilauea volcano, Hawaii. (Photograph by Gordon Tribble and courtesy of ...)
- Context Menu:** Opened over the image, showing options: Cut, Copy, Paste, Edit Picture, Change Picture..., Bring to Front, Send to Back, Hyperlink..., Insert Caption..., Text Wrapping, Size... (highlighted).
- Text Overlay:** "Choose Size from the menu, and then select the Alt Text tab." positioned over the 'Size...' menu item.
- Status Bar:** Page: 1 of 2, Words: 255, 90% zoom, 00:18 / 01:15.

Display + Overlay (non-Flash)

MS_Word2007_Text_Descript_QT_DisOverlayOn

File Edit View Window Help

01_Volcanoes.docx - Microsoft Word

Home Insert Page Layout References Mailings Review View Add-Ins Acrobat

Paste Clipboard

Times New Roman 12

Font Paragraph Styles

AaBb AaBb AaBbCc


1 Heading 1 1 Heading 2 1 Heading 3

Change Styles Editing

Geology 2.5 – volcanoes

Types of Lava

Pillow Lava



■ I

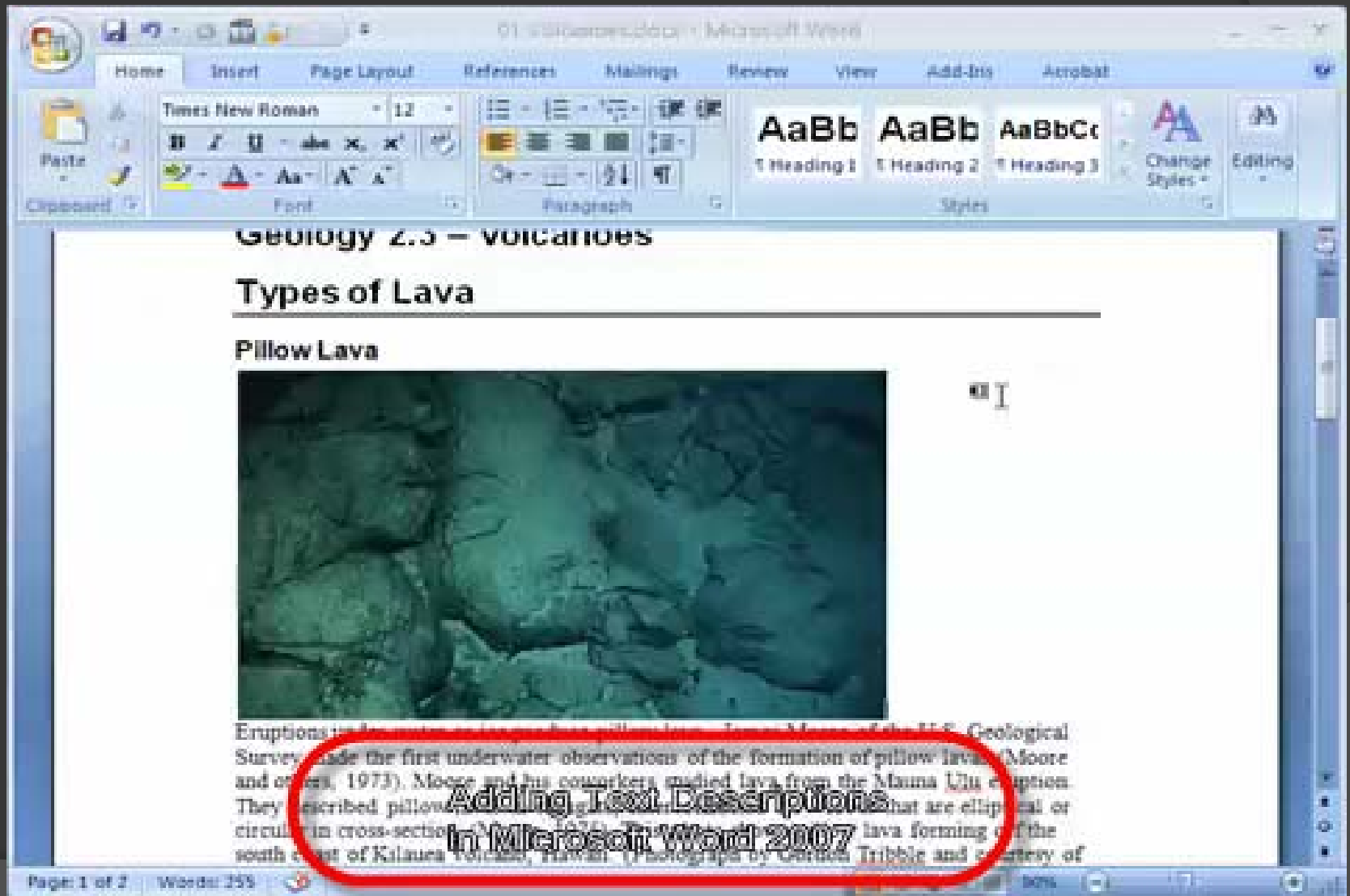
Eruptions under water or ice produce pillow lava. James Moore of the U.S. Geological Survey made the first underwater observations of the formation of pillow lavas (Moore and others, 1973). Moore and his coworkers studied lava from the Mauna Ulu eruption. They described pillow lavas as large blocks that are elliptical or circular in cross-section. They are formed by successive flows of lava forming off the south coast of Kilauea volcano, Hawaii. (Photograph by Gordon Irby and courtesy of

Page: 1 of 2 Words: 255

00:00:06

To add a text description to an image in Microsoft Word

Display - iPhone




The image shows a screenshot of the Microsoft Word 2007 interface. The document title is "01 - 01000000.docx - Microsoft Word". The ribbon includes tabs for Home, Insert, Page Layout, References, Mailings, Review, View, Add-Ins, and Acrobat. The Home tab is active, showing the Font, Paragraph, and Styles groups. The document content includes the following text:

Geology 2.5 – VOLCANOES

Types of Lava

Pillow Lava



Eruptions in the ocean are typified by pillow lava. In 1951, Moore of the U.S. Geological Survey made the first underwater observations of the formation of pillow lava (Moore and others, 1973). Moore and his coworkers studied lava from the Mauna Ulu eruption. They described pillow lava as a series of rounded, bulbous, and irregularly shaped lava forming of the south coast of Kilauea Volcano, Hawaii. (Photograph by Gerard Tribble and courtesy of

**Adding Text Descriptions
in Microsoft Word 2007**

The text "Adding Text Descriptions in Microsoft Word 2007" is circled in red. The status bar at the bottom indicates "Page: 1 of 2" and "Words: 355".

Camtasia: Interactivity

- Camtasia's interactivity is more simplistic compared to Captivate
- Callouts (or "hotspots") added to the movie are communicated as "# button" to screen-readers
- Interactive regions only available if creating Flash movies

Camtasia: Keyboard Support

- ⦿ If using Flash, you can "tab" to the movie controls
- ⦿ Screen-readers do not report the button information for Flash movies
- ⦿ Players embedded into HTML are not responsive to keyboard interactions/assistive technology
 - QuickTime Options
<http://www.webaim.org/techniques/captions/quicktime/web.php>
 - Windows Media Player Options
<http://www.webaim.org/techniques/captions/windows/web.php>

Summary

	Captivate 3	Camtasia Studio 5
Captioning	Use within application No import option	Use within application No import option
Hotspots & Interactivity	Limited functionality with screen-readers Use Buttons with Text	No screen-reader support
Keyboard Support	Can tab to control buttons Button labels are read by screen-readers	Can tab to control buttons No screen-reader support

Resources

- ⦿ High Tech Center Training Unit
<http://www.htctu.net>
- ⦿ Adobe Captivate
<http://www.adobe.com/accessibility/products/captivate/>
- ⦿ Camtasia Studio Learning Center
<http://www.techsmith.com/learn/>
- ⦿ Captioning Key for Educational Media
<http://www.dcmp.org/captioningkey/>
- ⦿ Described and Captioned Media Program
<http://www.dcmp.org/About/Info/Articles.aspx>

THANK YOU

High Tech Center Training Unit for the
California Community Colleges

<http://www.htctu.net>