



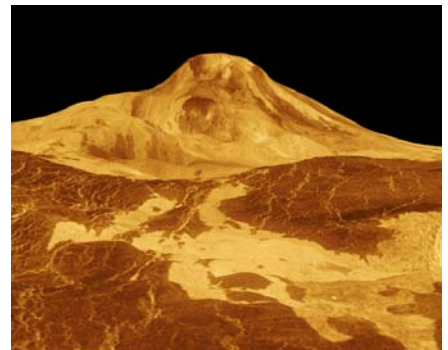
Explore Venus — Earth's mysterious next-door neighbor in space!

Running time: 29:00
Grade level: 4-12 and
general public audiences

MAGELLAN: Report from Venus recaps the accomplishments of this radar-mapping mission and takes audiences on a tour of Earth's "sister planet."



Because Venus's clouds keep us from seeing the surface directly, scientists used radar imaging techniques to map the planet's broken and jumbled terrain.



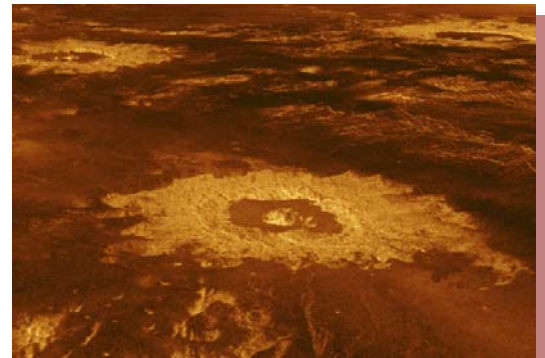
We follow Magellan's progress from its launch through the most significant discoveries. Included are spectacular images of Venus volcanoes, showing the wide variety of forms that volcanic action takes on this desolate world. Impact craters caused by incoming space debris are scattered across the Venerian surface. Landslides also carve the terrain of Venus, proving that tectonism helps to shape the planet's surface. These three processes are familiar to us

here on Earth; finding them at work on Venus allows opportunities to compare Venus with our home planet.



The Magellan mission to Venus was one of the most successful missions ever sent to explore this world. The spacecraft returned more data than all the previous NASA planetary missions combined.

Along with its sister planetary shows ***The Voyager Encounters*** and ***MarsQuest***, ***Magellan: Report from Venus*** is an excellent way to present the wonders of the solar system to audiences.



Written by Carolyn Collins Petersen
Produced by Mark C. Petersen
Narrated by Roger Thompson
Original artwork by Tim W. Kuzniar





Science Education Content

The educational focus of *MAGELLAN: Report From Venus* is to present the mapping and exploration of the planet Venus by the Magellan spacecraft, while emphasizing the understanding of processes that shape the planet via a set of multidisciplinary themes woven throughout the program. These ideas help relate the information presented in the show to the lives of students, families, and the general public.

Show content is relevant in the following subject areas:

Earth and Space Sciences:

- Objects in the sky: Venus
- Venus surface geology: volcanism, cratering, tectonism, atmospheric characteristics
- Venus rotation period, orbit
- Comparative planetology of Earth and Venus
- Appearance from Earth

Physical Science:

- The electromagnetic spectrum: radar

History of Science/Science Inquiry:

- History of Venus exploration
- Use of radar mapping tools for planetary exploration

This show adheres to principles put forth in the National Academy of Sciences' Education Standards published in 1996. For more details, visit the NAS Standards Web site at: <http://books.nap.edu/html/nses/html/index.html>.

PRODUCT CODE	The <i>MAGELLAN: Report From Venus</i> show package includes:	PRICE
MRV-R	<ul style="list-style-type: none"> • Script/production notes book • Soundtrack on audio CD • Images/masks in TGA form on CD-R (<i>you make your own slides</i>) 	\$595

Please visit our Web site, where you can preview this program's images, excerpts from the soundtrack, and sample script pages. You can also order online and find more information about optional products such as DigiDome®, narrationless soundtracks, programming cue files, replacement or duplicate copies, alternate formats and more.



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