

STARTING UP WETLAND EXPLORER

MACINTOSH COMPUTERS

Minimum requirements are as follows:

CPU: Power PC 275MHz, G3 233 MHz, or iMac

RAM: 64 MB

Video: 800x600 pixels with thousands of colors

Sound: Standard Macintosh

CD-Rom: 24X

Preparation:

- Quit all open applications before inserting the CD-ROM.
- Turn off FILE SHARING
- Set screen size to 800 x 600
- Turn VIRTUAL MEMORY on, set to 128 MB after start-up.
(Most problems encountered on Macintosh computers are the result of insufficient available RAM.)

PC COMPUTERS

Minimum requirements are as follows:

CPU: Pentium 166 MMX

RAM: 64 MB

Video: 800x600 true colour,

4 Mb AGP video card with thousands of colours

24X CD-ROM and 300 MB disk space free

O/S: Windows 95 or better (not compatible with Windows NT)

Sound: 16-bit Sound Blaster or 100% compatible

CD-Rom: 24X

Preparation:

- Quit all open applications before inserting the CD-ROM
- Set screen size to 800 x 600
- Disable antivirus software before running Wetland Explorer
(This software intercepts disk writes, which can harm performance, and cause errors.)
- PC-ANYWHERE has a video driver issue which may not allow the CD-Rom to run. You should reinstall the original Windows video drivers temporarily.
- Scan disk and defragment all drives for best performance.
- In DEVICE MANAGER, ensure there are no hardware conflicts, which are illustrated by a yellow exclamation point (!) beside a specific device.

IDENTIFIED CONFLICTS AND SOLUTIONS;

Computer: Award BIOS, AMI BIOS (clone machines, some Hewlett Packard)
Issue: Program runs, then at random points closes with no warning, restart runs fine.

Solution: **#1** Disable write behind caching in windows
(Control Panel/System/Performance/File System/Troubleshooting ... then select disable write behind caching).
#2 In the computer's BIOS, disable disk cache

Computer: Open motherboard-based PCs
Issue: Lockups occur randomly throughout the program.
Solution: Enter Bios settings in CMOS and disable internal cache.

Computer: IBM Aptiva, 300 series, Ambra models
Issue: Elements load, but delay from one screen to the next can be 5 minutes or more, regardless of RAM installed.
Solution: For shared video memory systems, change from 1 megabyte to 2 or more megabytes.

Issue: General Protection Fault in various modules when starting program
Solution: **#1** Ensure CDROM is in drive.
#2 When booting Windows 95, hold shift key down to disable startup programs.

Computer: Compaq Presario, Deskpro
Issue: None, but slower than normal.
Solution: RAM should be 128 MB or more.

SPECIFIC DEVICE PROBLEMS AND SOLUTIONS:

Device: Ati Video cards
Issue: Redraw speed is slower than expected.
Solution: Updated drivers to correct timing issues can be found at www.atitech.ca

Device: S3 Video cards
Issue: Redraw speed is slower than expected.
Solution: Updated drivers to correct a variety of problems can be found at www.diamondmm.com

Device: NVIDIA video cards
Issue: Program crashes, Colour Depth cannot be set beyond 256 colours (8 bit).
Solution: #1 In bios setup, ensure that an IRQ is assigned for video adapter.
#2 Updated drivers can be found at www.nvidia.com

Device: Zoltrix video cards
Issue: Program crashes, slow performance
Solution: #1 In bios setup, ensure that IRQ is assigned for video adapter and set PNP OS aware to "NO".
#2 Normally, Windows assigns generic Super Vga drivers, not OEM Drivers. Updated drivers can be found at <http://www.zoltrix-int.com/>