

KWYS and Yellowstone National Park

For

X-Plane 12



Thank you for purchasing KWYS and Yellowstone National Park!

About KWYS and Yellowstone National Park

Yellowstone National Park is a national park in Wyoming that also extends into parts of Montana and Idaho. Yellowstone is world renowned for its thousands of geothermal features. Each year millions visit, including many from abroad, to see spectacular features such as Old Faithful Geyser, Grand Prismatic Spring, Mammoth Hot springs, thousands of other geothermal pools and geysers, and even Yellowstone Falls.

KWYS – West Yellowstone Airport is the closest commercial airport to Yellowstone National Park. It handles roughly 4,000 passengers per year as well as numerous general aviation aircraft flown by private pilots. KWYS is an ideal airport to fly to for visiting Yellowstone. It is a short 1 mile from the town of West Yellowstone and just 2.5 miles from the parks northwest entrance. KWYS also can serve as an ideal home base for an aerial tour of Yellowstone National park, being a mere 10 minute flight from Old Faithful Geyser in a Skyhawk.

KWYS and Yellowstone National Park for X-Plane 11 was a project that started in October of 2020. The goal was to provide a highly realistic and immersive rendition of KWYS as well as Yellowstone National Park. With a detailed rendition of KWYS, a custom rendition of the town of West Yellowstone, numerous custom modeled attractions, thousands of square miles of custom ortho, and over 1,200 square miles of custom placed trees, I believe that goal has been accomplished. KWYS and Yellowstone National Park includes the following features:

- Detailed rendition of KWYS:
 - All buildings feature ultra-high-resolution textures.
 - All buildings feature advanced PBR normal maps for realistic reflections and bump mapping.
 - All buildings are highly detailed, down to even door handles.
 - All buildings feature "lite" interiors to give windows more depth.
 - Detailed ground textures with large scale realistic wear.
 - All ground textures feature realistic normal maps.
 - Realistic 3d vegetation for the entire airport.
- Living scenery:
 - Wet ground textures for the airport.
 - Automatic snowy winter textures when it is snowing.
 - Ground equipment automatically serves your aircraft upon request.
 - Animated rain drops.
- Custom Rendition of Yellowstone National Park
 - Custom modeled accurately erupting Old Faithful geyser
 - Custom modeled Mammoth Hot springs.
 - Custom modeled animated Yellowstone Falls.
 - Numerous custom modeled features throughout the park.
 - Animated people and bison near Old Faithful.
 - High resolution high quality NAIP color corrected ortho imagery with normal maps covering all popular areas
 - ZL16 NAIP ortho imagery covering over 3,000 square miles of surroundings.

- X-Plane 11 Particle System accessed via Living Scenery Technology
 - X-Plane 11 Particle System is used for animated geysers, waterfalls, and geyser steam.
 - Unique feature that requires developers to write and compile c++ plugins to implement.
- All models optimized for maximum performance.
- Custom generic rendition of West Yellowstone Town.
- Over 1,200 square miles of forests accurately placed via procedural algorithm using NAIP ortho imagery data.
- Custom 10 meter mesh with HD Overlays (courtesy AlpilotX and his HD Mesh V4. Used with his permission)

Installation

To fully enjoy the scenery it is vital that you properly install the product. To install, please closely follow the following steps.

- On your store page you have 3 download, *KWYS and Yellowstone National Park.zip*, *KWYS Mesh.zip*, and *X-Codr Designs Library.zip*. Download them all.
- Unzip the 3 zip files you just downloaded.
 - Inside *KWYS and Yellowstone National Park.zip* there are several folders. Move *KWYS – Yellowstone* and *KWYS - Forests* into your *X-Plane Custom Scenery* folder.
 - Inside *KWYS Mesh.zip* there are two folders, *Z KWYS Mesh* and *Y KWYS Overlay*. Move them both into your *X-Plane Custom Scenery* folder.
 - Inside *X-Codr Designs Library Package.zip* there is one folder, *X-Codr Designs Library*. Move this folder into your *X-Plane Custom Scenery*.
- Now you will need to edit your *scenery_packs.ini* located in your *X-Plane Custom Scenery* folder.
 - Open the file *scenery_packs.ini* located in your *X-Plane Custom Scenery* folder.
 - Add the following lines at the bottom of the file, but above any other ortho sceneries or mesh (if you don't know what those are chance are you don't have any.)
 - SCENERY_PACK Custom Scenery/Y KWYS Overlay/
 - SCENERY_PACK Custom Scenery/Z KWYS Mesh/
- Install [Living Scenery Technology](#) for steam effects, Old Faithful Geyser, and animated Bison.
- Start X-Plane and load at KWYS.
- Enjoy your new scenery!

Credits/License

No redistribution of this scenery is allowed in whole or in part.

Huge thanks to Oscar Pilote for the amazing tool Ortho4XP!

Huge thanks to Andras of Alpilotx.net for allowing me to use his amazing HD Mesh overlays for the autogen overlays in this scenery!

Orthoimagery/DEM:

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Department of the Interior/USGS

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