



The following items are recommendations for your upcoming WINTER YELLOWSTONE workshop. Please note that most items are not necessary for you to participate in the workshop, but encouraged if you already own them. If you do not own items on the list, there is no need to purchase. Rental options are available at lensrentals.com or borrowlenses.com

EQUIPMENT

Camera body
Back-up Camera Body (VIP)
Tripod legs and head

LENSES

Wide Angle 16-35mm (est. range)
General 24-105mm (est. range)
Telephoto 70-200mm (est. range)
Super Telephoto 200-400mm or 150-600mm
Teleconverter

FILTERS

Graduated Neutral Density
Neutral Density
Polarizer

MISC EQUIPMENT

Cable Release and intervalometer
Extra Cleaning Cloths
Batteries and Charger
Memory Cards
Rain cover for camera/lens
Flashlight with red light option

SUPER TELEPHOTO LENSES

There will be plenty of opportunity for super telephoto lenses during the workshop. I recommend renting a lens for this occasion. While we will see bison and are able to photograph them with a smaller lens, a super telephoto is recommended for wolves, fox and other wildlife opportunities. I have used both lensrentals.com and borrowlenses.com.

CAMERA AND LENSES IN COLD WEATHER

It is not uncommon for a lens to develop frost during a winter shoot. We will go over equipment safety during the Meet & Greet. However, it is recommended that you carry an extra camera body at all times for when your camera says it has had enough for the day. This is a common occurrence in winter weather. Camera's will also use more batteries than normal, so please bring all your batteries, and consider getting an extra one or two. Bring plenty of lens wipes.

COMPUTER

It is not necessary for you to carry a laptop to participate. You will need to be able to transfer images for critique via cable or some other method. I will bring both a CF and SD card reader that you may use to transfer to my computer for critique if you choose not to carry a computer.

CLOTHING FOR WINTER IN YELLOWSTONE

Winter temperatures can be severe in Yellowstone, but you can be comfortable and confident if you are properly dressed. Prepare for changing conditions by wearing clothes in several adjustable layers. It is as important to prevent overheating/sweating as it is to prevent chilling.

BASE LAYERS

- long underwear top and bottoms: synthetic, silk or merino wool
- a selection of long sleeve shirts, preferably synthetic, silk or merino wool for layering

OUTER LAYERS

- insulated snow jacket
- insulated snow pants
- rain jacket
- rain pants
- warm hat (with ear flaps)
- winter gloves with removable liners
- balaklava

FOOTWEAR

- several pair of wool socks
- snow boots
- hiking boots

MISC

- sunglasses
- sunscreen
- hand and foot warmers



In most cases, we will wear snow gear and snow boots. However, if we have a warm day, it will be nice to have the option of layers with waterproof/windproof rain gear. It packs small, so it's always a handy thing to have with you. If for some reason we go to an area with little snow, hiking boots may be more comfortable.

I would recommend bringing 2-3 outfits for the field. This would refer to mainly your pants and shirts. Underclothing or baselayers can easily be re-worn as can your outer layers. Bring enough socks that you can give any potential wet socks a chance to dry. It is recommended not to wear cotton clothing since it won't keep you warm if you get wet.

FYI: My suitcase for winter photography contains the following clothing items:

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|---------------------------|--------------------------------|--------------------------------------|
| 3/4 length winter coat | glove liners | loungewear/pj's/underwear |
| goretex pants | extra set of fleece gloves | wool sweater |
| rain pants | 5 pair wool socks | hand and foot warmers |
| rain jacket | long underwear top/bottom | sunglasses |
| snow boots | fleece pj bottoms for warmth | sunscreen |
| hiking boots | fleece long-sleeve top | small fold up duffel for daily trips |
| fleece balaklava | 3 long sleeve smartwool shirts | medicines |
| winter hat with ear flaps | 1 fleece jacket | |
| waterproof ski mittens | | |

There could be days where we wear only long underwear under our winter jacket and pants, and other days when we need additional layers. I recommend bringing a small duffel or tote so that you can bring extra layers, extra socks and any thing else that will bring you comfort on our snow coach.

I wear a pair of jeans and street shoes on the plane so that I have something casual to wear when I feel the need to get out of hiking clothes. I also wear this home on the plane.