

UI Extension Update

University of Idaho, U.S. Department of Agriculture, and Idaho counties cooperating.

Winter/January 2020 Volume 7 Issue 1

2020 Workshops

January

Law for Landowners: Open Range, Herd Districts, & Drones

January 30, 2020
Orofino, ID

February

Small Farms & Community Food Systems

February 5, 12, 19, 2020
Orofino, ID

March

North-Central Idaho Timber Market Outlook

March 12, 2020
Orofino, ID

Managing for Forest Resilience

March 17 & 19, 2020
Orofino, ID

Wildlife Management for Landowners

March 26, 2020
Orofino, ID

April

Dry-land Pasture Management

April 2, 2020
Orofino, ID

North-Central Idaho Hay Day

April 13, 2020
Fraser, ID

*You may be receiving this newsletter as part of our once-a-year direct mailing to all rural landowners in the Clearwater Valley, (check for green box near mailing label). Unless you have signed up to be on our regular mailing list, or attended one of our programs, this will be the only publication you receive this year. If you would like to receive all our quarterly newsletters, and our program brochures and announcements throughout the year (all free of charge!), please contact us at clearwater@uidaho.edu, or 208-476-4434 and we will put you on our regular mailing list. **It's Free!!***

Greetings and Happy New Year!

by Bill Warren

Hope everyone had a great holiday season!

Our winter has been relatively mild until about January 10th when we began to get colder weather and winter precipitation. Snow-pack in the area was generally below normal until this week (Jan. 13-17) when the recent precipitation pushed it into the normal range for this time of year (see map on page 2).

The long-term forecast for the February through April period is for only a slightly greater chance of above normal temperatures and above normal precipitation (see maps on page 2).

2020 Extension Programing

I just wanted to highlight some new programs (and ones we haven't offered in a while) we're offering this year, including Law for Landowners, Managing for Forest Resilience, North-Central Idaho Hay Day, North-Central Idaho Timber Market Outlook, Forest and Canyonland Grazing Workshop and Field Day,

Continued on page 2

June

Forest & Canyonland Grazing Workshop & Field Day

June 11, 2020
Orofino, ID

Forest Landowner Peer Learning Tour

June 12, 2020
Kamiah, ID

Forest Insect & Disease Field Day

June 18, 2020
Kamiah, ID

Grass Identification Workshop & Field Tour

June 20, 2020
Location & Time: TBA

Forest Measurement Field Day

June 26, 2020
Orofino, ID

July

Sixth Grade Forestry Tour
July 7–9, 2020

4-H Camp
July 10 - 13, 2020

Other Programs

We are still working on potentially scheduling some additional programs for spring and early summer. We will announce these in our spring newsletter, so if you are not on our regular mailing list, we invite you to sign up so you will get all our newsletters and program announcements.



Continued from page 1

Grass Identification Workshop and Field Tour, and Forest Measurement Field Day. We try to provide programs that are topical and meet the needs of rural landowners in north-central Idaho. Send us your suggestions for future topics that you think would be of interests and use to rural landowners and others with a focus on natural resources.

University of Idaho Extension
Clearwater County

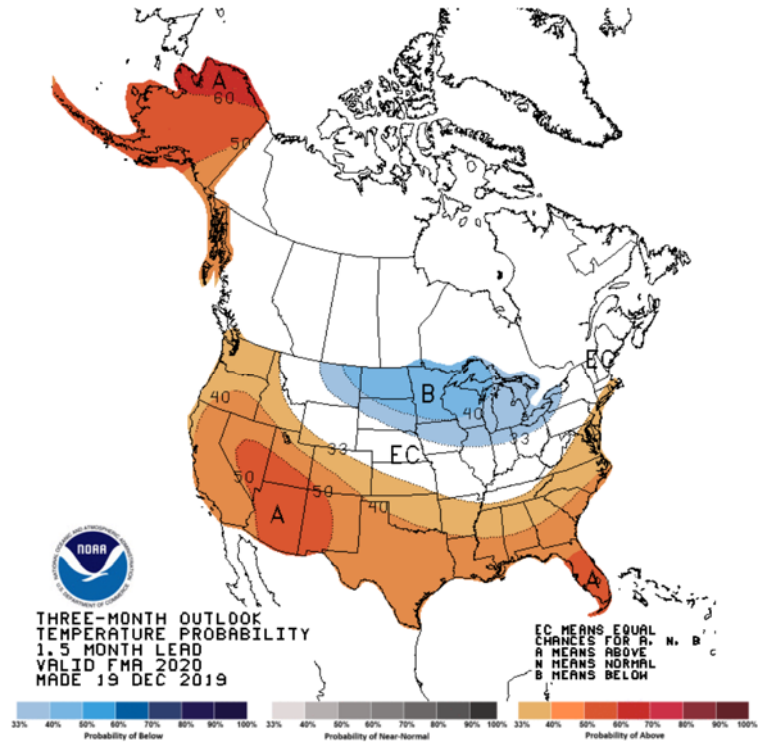


Law for Landowners: Open Range, Herd Districts, & Drones

January 30, 2020
Orofino, ID

6:00 pm—8:30 pm

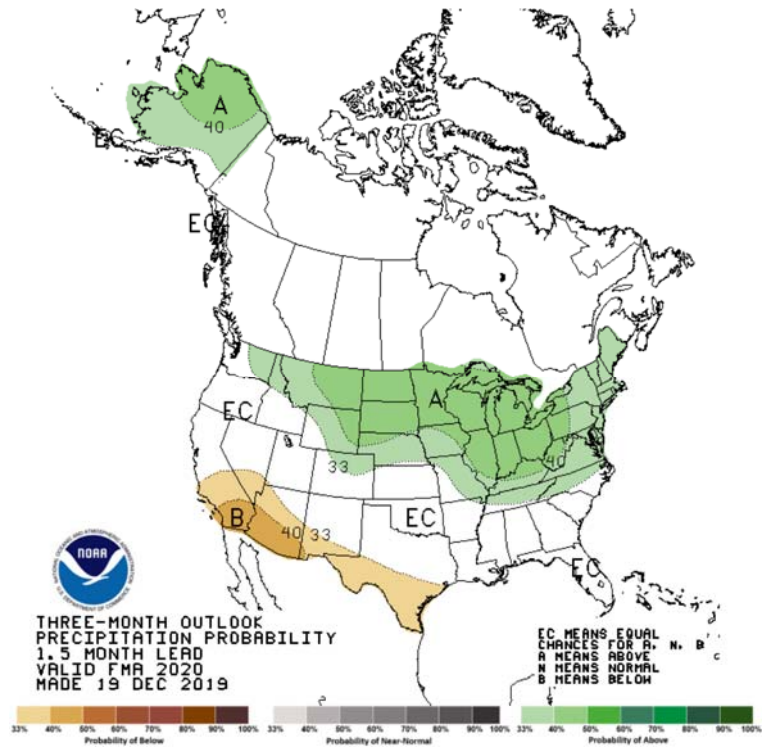
Contact UI Extension—Clearwater County for more information (208) 476-4434



Temperature Probability

February, March, April 2020

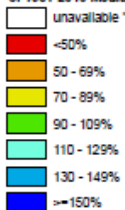
Precipitation Probability



Idaho SNOTEL Current Snow Water Equivalent (SWE) % of Normal

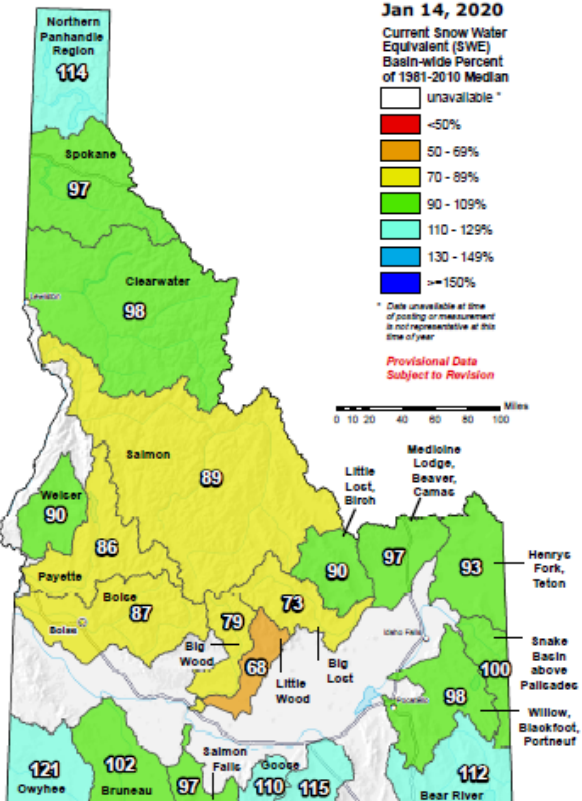
Jan 14, 2020

Current Snow Water Equivalent (SWE)
Basin-wide Percent of 1981-2010 Median



Provisional Data
Subject to Revision

0 10 20 40 60 80 100 Miles



USDA NRCS
The snow water equivalent percent of normal represents the current snow water equivalent found at selected SNOTEL sites in or near the basin compared to the average value for those sites on this day. Date based on the first reading of the day (typically 00:00).
Prepared by: US D A N R C S National Water and Climate Center, Portland, Oregon
http://www.wcc.nrcs.usda.gov

Idaho Hay Report

Idaho Hay and Forage Association

Alfalfa—Mid Square	
Good	\$160.00
Fair/Good	\$450.00

Friday, January 10, 2020

Education Programs for 2020

We have several educational programs for rural landowners planned this year. *Detailed descriptions of these programs, along with registration information, will be mailed out to those who have asked to be on our regular mailing list; however, what follows is a brief summary of some of these programs.*

January

Law for Landowners: Open Range, Herd Districts, & Drones (January 30, 2020, Orofino, ID) Come learn about laws regarding herd districts, and open range as well as the legal environment surrounding the use of drones over private land.

February

Small Farms & Community Food Systems (February 5, 12, 19, 2020 Orofino, ID) This year series will have presentations on pruning fruit trees, raising poultry, and regenerative farming.

March

North-Central Idaho Timber Market Outlook (March 12, 2020, Orofino, ID) The program will have presentations from forest economists and mill representatives that will take a look at the factors influencing log prices and prospects for where they may be headed in the future.

Managing for Forest Resilience (March 17 & 19, 2020, Orofino, ID) Our north-central Idaho forests face many stressors and agents of change such as root disease, bark beetles, climate change, wildfire, high stand densities, simplified forest structures and age compositions, and altered species composition. This program will look at forest management approaches that can address multiple stressors and change agents simultaneously while providing additional economic and ecological benefits.

Wildlife Management for Landowners (March 26, 2020, Orofino, ID) Strategies for managing for desired wildlife species on your property.

April

Dry-land Pasture Management (April 2, 2020, Orofino, ID) We will look at how grazing, weed management, grass species, and fertilization affect pasture productivity and health. An NRCS representative will also be on hand to talk about their programs for pastures.

North Central Idaho Hay Day (April 13, 2020, Fraser, ID) We invite you to attend this popular program last offered in 2015. We will be exploring several topics related to hay production, from harvest management and hay vari-

eties, to weed management, marketing, and how to succeed with a small-scale hay operation. As in 2015, the program will be held at the Fraser Community Center.

June

Forest & Canyonland Grazing Workshop & Field Day (June 11, 2020, Orofino, ID) Come learn how forests can be managed for both timber production and grazing, as well as strategies for addressing weed management in steep canyonlands using targeted grazing strategies. This will be a morning “classroom” session followed by a field tour in the afternoon.

Forest Landowner Peer Learning Tour (June 12, 2020, Kamiah, ID) Visit your neighbors and learn from their experiences in managing their forest. This year’s program will be touring both private and state land near Kamiah.

Forest Insect & Disease Field Day (June 18, 2020, Kamiah, ID) This annual event includes experts on forest insects and disease who will be guiding attendees on the identification and treatment for native forest tree diseases and bark beetles.

Grass Identification Workshop & Field Tour (June 20, 2020, Location: TBD) Ever had trouble identifying grasses in your pasture and range land? Which ones are good forage grasses and which are weeds? This program will provide a hands-on learning experience on how to identify grasses from an authority on grass identification.

Forest Measurement Field Day (June 26, 2020, Orofino, ID) Ever wondered how old your trees are, or how much wood volume is in a tree or stand of trees? This field day will have professional foresters teach you how to make simple measurements to quantify growth, age, wood volume and other factors related to your forest trees.

Other Programs

We are still working on potentially scheduling some additional programs for spring and early summer. We will announce these in our spring newsletter, so if you are not on our regular mailing list, we invite you to sign up so you will get all our newsletters and program announcements. Just call 208-476-4434 and leave your name and address and we’ll add you to our list!



Clearwater County

UNIVERSITY OF IDAHO EXTENSION UPDATE

Published quarterly by University of Idaho Extension, Clearwater County.

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University of Idaho
Extension
Clearwater County

Cream Cheese Mints

UI Extension Candy Making Manual



Ingredients:

- 1–3 oz/ package cream cheese, softened
- 3 cups sifted powdered sugar
- Granulated sugar
- 1/2 tsp. peppermint extract
- Few drops food coloring

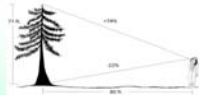
Directions:

In a small mixer bowl combine softened cream cheese and peppermint extract. Gradually beat in powdered sugar with electric mixer till mixture is smooth. (Knead in the last of the powdered sugar with your hands.) Knead in food coloring till evenly distributed.

Sprinkle small candy molds lightly with granulated sugar. Press about 1/2 to 3/4 teaspoon cream cheese mixture in each mold. Remove from mold. (Or form mixture into 3/4 inch balls. Dip each ball in granulated sugar, place on waxed paper. Flatten each with the bottom of a juice glass or with the tines of a fork. Let dry overnight. Makes 6 to 8 dozen molded mints or about 4 dozen patties.



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Forest Measurement Field Day

June 26, 2020

Orofino, ID

Time: TBA

Contact UI Extension—Clearwater County for more information (208) 476–4434

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North Central Idaho Hay Day

April 13, 2020

Fraser, ID

1:00–5:00 pm

Contact UI Extension—Clearwater County for more information (208) 476–4434

Pre-licensing Training for Pesticide Applicators Class

First-Time License

Pre-license training is for those preparing for private or professional pesticide license exams.

Training includes

- one-day session (private applicators, \$75)
- two-day session (professional applicators, \$150)

Both sessions offer free access to eight online training modules.

March 4-5, 2020

Ketch Pen (Lewiston Roundup Grounds)
2100 Tammany Creek Rd., Lewiston, ID

Contact Doug Finkelburg, UI Extension, Nez Perce County, dougf@uidaho.edu, 208-799-3096.

Exams and licenses are issued by the ISDA. For licensing information, visit Idaho State Department of Agriculture website agri.idaho.gov/main.

The first exam in Lewiston will be held on March 11, 2020. Sign-up at applicatorlicensing.isda.idaho.gov.

A Sampling of Current Log Prices from Local Mills— January 2020

Per thousand board feet (mbf) (Preferred lengths)

	Douglas Fir Larch	Grand Fir White Fir	Ponderosa Pine	Cedar	Spruce, Lodgepole	White Pine	Blued Pine
Empire Lumber 208-435-4703	\$300-400	\$300-350	\$100	\$700-900	\$275-325	\$275-325	\$80
Idaho Forest Group 208-507-0783	\$420-450	\$420-450	\$240-340	\$750-900	\$400-430	Other \$150	\$125

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Small Farms & Community Food Systems

February 5, 12, & 19, 2020
Orofino, ID

6:00 pm–8:30 pm

Contact UI Extension—Clearwater County for more
information (208) 476–4434

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Grass Identification Workshop & Field Tour

June 20, 2020

Location & Time: TBA

Contact UI Extension—Clearwater County for more
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Managing for Forest Resilience

March 17 & 19, 2020
Orofino, ID

6 pm–8:30 pm

Contact UI Extension—Clearwater County for more
information (208) 476–4434

Zesty Pumpkin, Bean & Rice Bowl

uidaho.edu/extension/eat-smart-idaho



Ingredients:

- 1 cup cooked winter squash (Try pumpkin, acorn)
- 1 teaspoon vegetable oil
- 1 tablespoon garlic, minced (or 1/2 tsp garlic powder)
- 1 small onion, chopped
- 1/2 teaspoon dried oregano or thyme
- 1/8 teaspoon black pepper or chili powder
- 1/8 teaspoon cinnamon or allspice
- 3 cups red beans, cooked (your choice)
- 3 cups brown rice, cooked
- 2 cups low sodium chicken broth
- 1 tablespoon vinegar or lemon/lime juice
- Optional: 4 tablespoons parsley, chopped
- Optional: 1 small lime, washed

Directions:

1. Preheat oven to 375°F.
2. Wash winter squash & carefully cut it in half.
3. Put about an inch of hot water in baking dish, lay the squash in the baking dish, cut side down.
4. Bake until the squash is tender, and a fork can be inserted easily. Drain water and set aside. Once cooled, you can store what you don't need in an airtight bag in the refrigerator for up to a week or, in the freezer for up to 3 months.
5. In a large skillet, on low heat, sauté the vegetable oil, garlic, onion, and herbs and spices, until soft.
6. Stir in the cooked beans, cooked rice, broth, and vinegar. Bring to a boil.
7. Lower heat to a simmer and cook for 5 minutes.
8. Optional: top with chopped parsley and a squeeze of lime juice.

Contact Us!

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The Weedy Side



Meadow Knapweed

Meadow knapweed is a perennial that grows from a woody crown. The upright stems grow from 20 to 40 inches tall and branch near the middle. Flower heads are solitary at tips of the branches, pink to purple in color, and 3/4 of an inch in size. Bracts are light to dark brown with paper-fringed margins. Lower leaves are lobed and upper leaves are linear. The leaves grow up to 6 inches long and more than 1 inch wide.

Meadow knapweed primarily reproduces by seed, but root and crown fragments re-sprout when disturbed by heavy equipment or cultivation.

Habitat for meadow knapweed includes moist sites, irrigated pastures, moist meadows, river banks, streams, irrigation ditches, roadsides, and openings in forested areas.

The key effective control is preventing the establishment of plant communities by maintaining healthy native plant populations. If meadow knapweed is present, using a combination of control methods, mechanical and herbicides, to eradicate populations is effective.

Chemical control for noncrop and rangeland sites: refer to Idaho's Noxious Weeds 2011 Control Guidelines.

Taken from Colorado Department of Agriculture - www.colorado.gov/ag/weeds.



Perennial Pepperweed

Perennial pepperweed is extremely invasive. Growing from 1 to 5 feet high, pepperweed has tiny white flowers. The flowers have four spoon-shaped petals in dense, rounded clusters on branch tips of erect stems.

Leaves of the mature plant are alternate, and lance or oblong in shape with serrated edges that are slightly wavy. They are glabrous (not hairy) and green to gray-green in color, with a distinctive white midrib. Upper leaves are smaller than basal leaves and have no stalks.

Perennial pepperweed reproduces both by seed and vegetatively by roots and shoots. Stems emerge from deep, thick, woody root stocks that can penetrate 10 feet into the soil. Pepperweed alters ecosystems by acting as a "salt pump" absorbing salts from deep in the soil. The plant then excretes the salt through the leaves and deposits it on the

soil surface. Since most desirable plants do not tolerate high saline concentrated soils, the entire plant composition and diversity of the area changes.

Herbicide treatments are a good option if used during the bud to flowering stage of the plant. However, spring mowing combined with chemical treatments can be effective.

Chemical control for noncrop and rangeland sites: Refer to Idaho's Noxious Weed Control Guidelines.

Taken from Colorado Department of Agriculture - www.colorado.gov/ag/weeds.



Purple Loosestrife

Purple loosestrife is a taprooted, perennial forb. A single, mature plant can produce up to three million seeds per year. The seeds can remain viable in the soil for 5 to 20 years. Pieces of the roots or stems can also produce new plants. Purple loosestrife produces multiple four-sided stems that can grow two to eight feet tall. Leaves are two to five inches long, lance-shaped and whorled on the stems. Flowers are tightly grouped in long, vertical heads;

they bloom from the bottom up. They are reddish-purple in color, about one inch long, and have five to seven petals. Purple loosestrife can be found along riverbanks, ditches, and wet meadows. Infestations rapidly replace native vegetation, can impede water flow in canals and ditches, and have little wildlife habitat value.

The key to effective control of purple loosestrife is early detection when infestations are small. It is fairly easy to control small numbers of loosestrife plants when the seed bank in the soil is low. Eradicating large populations is much difficult. Persistent management and monitoring of site is a long-term program to ensure eradication. Small loosestrife infestations should be eradicated by hand-pulling/cutting in combination with herbicide application. Hand removal of isolated individuals can be effective on small infestations. Hand removal should be performed prior to seed set. It is important to remove the entire rootstock of the plant to avoid regrowth from root fragments. During the flowering stage, flowerheads must be cut and disposed of properly before a herbicide is applied. This will prevent or reduce seed production.

Chemical control for noncrop and rangeland sites: Refer to Idaho's Noxious Weed Control Guidelines.

Taken from Colorado Department of Agriculture - www.colorado.gov/ag/weeds.

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Dry-land Pasture Management

April 2, 2020

Orofino, ID

Time: TBA

Contact UI Extension—Clearwater County for more information (208) 476-4434

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Forest & Canyonland Grazing Workshop & Field Day

June 11, 2020

Orofino, ID

Time: TBA

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Forest Landowner Peer Learning Tour

June 12, 2020

Kamiah, ID

Time: TBA

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Forest Insect & Disease Field Day

June 18, 2020

Kamiah, ID

Time: TBA

Contact UI Extension—Clearwater County for more information (208) 476-4434

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North-Central Idaho Timber Market Outlook

March 12, 2020

Orofino, ID

6:00 pm—8:30 pm

Contact UI Extension—Clearwater County for more information (208) 476-4434

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Wildlife Management for Landowners

March 26, 2020

Orofino, ID

6:00—8:30 pm

Contact UI Extension—Clearwater County for more information (208) 476-4434



Workshop News

Don't be disappointed, REGISTER EARLY!

We highly recommend that if you are interested in one of our workshops that you register early. Attendance at workshops has increased in recent years and late registrations and walk-ins have been turned away.

Pre-registration will no longer be accepted prior to the brochure being mailed out. Pre-registration will be accepted once the brochure is mailed, and registration and payment are required prior to the deadline on the brochure (approximately one week prior to the day of the workshop).

UI Extension Update



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