



Above photograph illustrates Heppner flood plain with dam in place.

Below-Heppner flood plain without dam



Coaches for Ponytail softball to meet Fri.

A Ponytail Softball meeting for adult coaches and assistants will be held Friday, 7:30 p.m. at the Heppner Elks Lodge. All interested adults are urged to attend.

League play will start around the middle of May and will be completed the last of June. Eligible players are fourth through eighth grade girls from Lone, Lexington and Heppner.

The league is made up of four teams from Heppner and one team from Lone. Lexington girls may sign up for either location. Games are played week day nights at 6:30 p.m. and each team plays two games a week except for extra make-up games that are rained out. No games are played on Friday except make-up games.

Any girl who has not previously signed up at their

respective grade schools may do so by calling Glen Ward, 676-9195.

Livestock club meets

On April 7, 1981, the Buttercreek Livestock club met. Members talked about white muscle, a disease which young animals can get. Everyone gave reports on different

kinds of lambs. Members also talked about how to give lambs certain medicine. The next meeting will be on April 21.

Juvenile Services Commission meets, hears proposals

The Juvenile Services Commission met at the courthouse annex in Irrigon on April 6. Members present were Sharon Barrick, Bill Sheirbon, Rikka Tews, Anita Boyer, John Edmundson, Sammy Griffin and Bernice Lott. Guests were Barbara Wetherall and Dianne Platt, new Childrens Services Director.

Acting Chairman Bill Sheirbon advised members the various proposals must be trimmed to allow for a budget of \$15,000 to \$20,000 for the entire county for one year.

A summer recreation program for the Boardman-Irrigon area was submitted by Barbara Wetherall. Program activities include tennis, softball-baseball, swimming lessons, golf, dance-tumbling, body building and basketball. Each activity would be under the supervision and instruction of an adult who is professionally trained to work with youth in a specific recreational activity.

The start of pee-wee basket-

ball in lone was proposed. The program would be under the supervision of Chuck Starr with help from Laura McDougall, Barbara Adams, and Martha Doherty.

A responsible adult work-

shop and clinic will be scheduled in the near future. The next meeting will be Monday, May 4 at 7 p.m. at the Morrow County Courthouse in Heppner and is open to the public.

An arts and crafts program

planned for South Morrow County will be held in the park for the primary and grade school students. The Latch-Key program, already funded will continue for the north end through the summer.

PROM HEADQUARTERS
Prom is this Saturday, April 25!!

CORSAGES
BOUTONNIERES
Prom Dresses

Posy Patch
FLOWER SHOP

Cele's
HOUSE FASHION

OSU prospecting in the wind

Oregon State University's "prospecting" for wind power sites in the Northwest and the nation has moved to a higher level—the use of satellite and aircraft pictures to help identify areas with strong and steady enough winds to justify the placement of turbines that turn wind into electricity.

Satellite images contain enough detail of earth features to provide an initial big-scale screening of areas, the OSU scientists say.

Lower level plane-helicopter pictures give additional details from which wind turbine site selection decisions can start to be made.

Then continuing ground measurements are used to pinpoint the best places for the turbines that could produce 5-10 percent of the nation's energy needs by 2000.

"Wind measurements must be made over an extended period before a particular place passes the test as a site for wind turbines that may cost millions of dollars," explains John E. Wade of the OSU department of atmospheric sciences. "But the satellite and aerial photos speed up the search."

Wade helps head a new \$70,498 OSU study for Battelle Pacific Northwest Laboratories on "Applications of Satellite and Remote Observation to Wind Energy Prospecting." The other co-principal investigators are E. Wendell Hewson, former head of the atmospheric sciences department who has pioneered U.S. wind power research, and Charles L. Rosenfeld, geography professor, pilot and expert on the interpretation of

pictures from satellites orbiting the earth and from high flying reconnaissance planes. They are assisted by Peter Maule, an air resource geographer in the atmospheric sciences department.

The wind power prospecting work that OSU launched on a small scale 10 years ago has become nationwide in scope now, Wade observed. In the new research this year, aerial searches and studies for wind power sites will be conducted in southern California and northern New York as well as selected spots in the Northwest.

"There's no doubt that the Northwest is the center of wind power developments," Wade observed.

"By the end of 1981, Oregon and Washington will have more utility-sized wind machines—five-in test operation than any other country or part of the world. Three of the world's largest will be in eastern Washington (near Goldendale) where Columbia Gorge winds are exceptional. And two are on the Coast, another prime wind power region in the Northwest."

All five of the sites were identified early by OSU wind "prospecting" researchers, who began the work nearly 10 years ago.

Wind-deformed vegetation helped the OSU researchers spot some likely potential sites for the wind power machines. Wind measurements were then used to pick the precise spots. Wade has developed calibration techniques that let the researchers locate windy places with a high degree of accuracy based on the bending of trees from the winds.

Aerial photography can quickly identify wind deformed trees and other natural wind indicators such as sand dunes, it was noted.

"The Northwest has some of the best wind power sites in the world, without question," Wade emphasized. But there are good sites too in the New England area, the northern Plains, parts of Wyoming, the Oklahoma Panhandle area and in many coastal areas where winds sweep in from the oceans.

Oregon areas with secondary promise for wind power developments include some sites in and along the Coastal Mountain range and the Steens Mountain area of southeastern Oregon, says Wade.

Though the economics of wind power have yet to be established, (can it compete price-wise with other fuel sources?) the OSU wind power researchers see "great things ahead for wind power."

It is not overly optimistic to see wind power producing 5-10 percent of U.S. needs by the turn of the century, says Wade.

Wendell Hewson is the person who should get the bulk of the credit for Northwest wind power developments," Wade emphasized. "He had the dreams and the vision that opened the door for research that has helped establish the worth of wind power as a supplemental energy source for the Northwest, the nation and the world."

Graduate students assisting on the wind prospecting project now are Gudrun Bodvarsson and Michael McClenahan.

Ione Garden Club plant sale April 29

The annual plant sale sponsored by the Ione Garden Club is nearly upon us.

Perennials, shrubs, berries, bulbs, trees, house plants and many other things for gardens will be made available. The sale will be held at the Ione Legion Hall on April 29 from 10 a.m. to 4 p.m. Pie and coffee will be served.

Anyone having need of special things may contact Delta Huber, 989-8107, or Carol McKaig, 422-7212.

LIBRARY

Monday through Thursday - 1 to 5 p.m.

Thursday - Story Hour, 10:30 a.m.

Thursday evening - 7 to 9 p.m.

Friday - closed.

Saturday - 2 to 4 p.m.

We are proud to announce that our winner of the 'FREE' T-shirt is

RICHARD PAINE HEPPNER

Remember with each shirt purchased you can enter your name in our drawing, which is held the 15th of each month. Maybe you will be our lucky winner!

TALK N TOPS

TREMENDOUS SALE

OLIVES WESTERN FAMILY Large/Pitted 79¢ 6oz	GRAPE JUICE WELCH'S 2.29 64oz	BANANAS 33¢ LB
GRAPE JELLY WELCH'S 1.49 32oz	TUNA BUMBLE BEE 99¢ 6 1/2 oz In Oil	BEEF STEW NALLEYS BIG CHUNK 2.39 40oz
BEEF FRANKS BALL PARK 1.49 11lb pkg	PORK & BEANS WESTERN FAMILY 59¢ 30oz	TAB 16oz 8-pak 1.79 plus deposit
ASPARAGUS 99¢ LB	ROUND STEAK USDA CHOICE FULL CUT 2.29 LB	GRAPE FRUIT Jumbo Pink 3/1
		RUMP ROAST 1.99 LB

Central Market
Prices Effective April 23, 24, 25
GROCERY MEAT
676-9614 676-9288