

Survey gives idea of water flow

Ten years ago predicting the water outlook for Warm Springs required more guessing than knowledge. Today with an accumulated statistics and up

to date records the water flow can be calculated within a gallon of flow per second. For the past ten years a snow survey has been conducted at

the end of each winter month. Natural Resources department personnel take readings of snow density and water content at marked location.

With these readings taken at the same location at approximately the same time each year the water run-off is estimated. February's figures show this year's water content to be 18 percent above average.

Readings are taken at five different locations on the reservation with elevations ranging from 4,000 to 5,000 feet. Racing Creek, Bald Peter, Beaver Creek, Lion's Head and Whitewater Meadows provide good snow pack averages.

Lions Head and Whitewater Meadows readings are taken aerially. The marker's "are placed at a difficult to get at spot for a better idea" of the snow pack, according to Warm Springs water master Deepak Sehgal.

Graphs are produced with the data enabling Sehgal to make water flow predictions. By the end of March the water flow can be pretty closely estimated in cubic feet of water per second flow rate. The 1981 estimate was within ten percent of the actual flow.

The amount of predicted water is useful in making plans for the spring and summer months. In some years it may be necessary to anticipate a drought or to prepare for flood conditions.

Fish runs can also be estimated. A high rate of flow would be good for fisheries. Sehgal feels, "this kind of information is better than having no idea at all."



Spilyay Tymoo photo by Shewczyk

Tribal biologist Terry Luther and watermaster Deepak Sehgal weight snow packed in aluminum tube to get an idea of water content.

Questionnaire for our readers

1. Age Group
 - 18 and under
 - 19 - 25
 - 26 - 35
 - 36 - 45
2. Are you Indian? Non-Indian
3. Do you read **Spilyay** regularly or occasionally
4. What do you like about **Spilyay**? _____
5. What do yo dislike about **Spilyay**? _____
6. What sorts of articles interest you most? _____
7. What would you like to see **more** of in **Spilyay**? _____
8. What would you like to see **less** of in **Spilyay**? _____
9. Do you like the photos Yes No
10. Should there be—
 - More photos Less Same amount
11. What ideas, comments or suggestions do you have for **Spilyay Tymoo**? _____

Please let us know what you think. No names are necessary. You may clip this out and leave it at the **Spilyay** drop box at Macy's, the Administration building or the **Spilyay** office. If you wish, you may mail your questionnaire to **Spilyay Tymoo**, PO Box 735, Warm Springs, Oregon 97761.

Oregon Indian Education Conference

The Southwest Oregon Native America Consortium is having their 8th annual Oregon Indian Education Conference on April 13-16, at the Red Lion Motor Inn, Springfield, Oregon.

Tentative Workshop Topics to include, Elementary Education-Issues and Pro-

grams; Secondary Education, Alternative Education, Adult Basic Education, Higher Education, Issues and Programs with a panel, Vocational Educational, Special Education, Talented and Gifted Education, Title IV Indian Education Act, Johnson O'Malley Program

and Indian Controlled Education.

Cultural Education Programs will include Indian Summer Camps, Curriculum Development Programs, Indian Youth Clubs, Seattle Circle Camp, and Drop-out Counseling.

On Wednesday evening April 13, 7:30 p.m. a Social Hour, Thursday the 14th, Conference and a dance in the evening, on Friday, conference and a powwow and to wind things up on Saturday a morning conference.

The registration is \$30.00 and will include one year membership in Oregon Indian Education association; One breakfast, one lunch and one dinner. The host: Southwest Oregon Native Consortium, 358 West 10th, Eugene, Oregon 97401.

Yikes Yikes Toe Ness Yikes Yikes

There was this scout master who took his troop out for their first cook-out and there was this one boy having one heck of a time when the scout master asked, "Have you forgotten any essential equipment?" "Yes," the boy answered, "My mother." YIKES

SS SS SS

This mechanic returned home from his shop and his wife was waiting for him at the front door and said, "Tom is inviting us over for dinner tonight." The mechanic, "Does your brothers car need a tune-up so soon?" YIKES

SS SS SS

CONFUCIUS SAY: "Honeymoon over when man who whisper sweet nothings before, now say nothing sweet!" YIKES

SS SS SS

A doctor said to one of his not-so-bright patients, "Is your cold better today?" Patient, "No," Doctor, "Did you drink the orange juice after the hot bath?" Patient, "No,—after drinking the hot bath, I couldn't get the orange juice down." YIKES

SS SS SS

Here lately the movie, "Winds of War," has been taking the spotlight of the TV movies. Well, soon the Democrats and Republicans will be taking the spotlight squaring off with their Presidential campaign. It will be similar to the movie, "Winds of War," only it will be called, "War of the Winds." YIKES

SS SS SS



Buff Boosters sponsor buses

The Madras Buff Boosters are sponsoring two rooter buses that will leave for Burns February 25 at 1:00 p.m. from MHS. Cost for the trip is \$15.00 per person.

If you are interested contact

Bob at the Madras Laundromat—475-3774; Eldon at Eldon's Rentals—475-3964; or Viv Goodson—475-6879. Seating is limited and reservations are on a first come/first served basis only.

Chief Kalama has surgery

Nick Kalama, Chief of the Paiutes, under went surgery at St. Charles Medical Center in Bend on February 9. He is recovering and doing satisfactory according to his daughter,

Merle Kalama.

At this time the doctors have not determined just how long Chief Kalama will be hospitalized.

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All Warm Springs tribal members will receive the **Spilyay Tymoo** at no cost. **Spilyay Tymoo** is published bi-weekly by the Confederated Tribes of Warm Springs.