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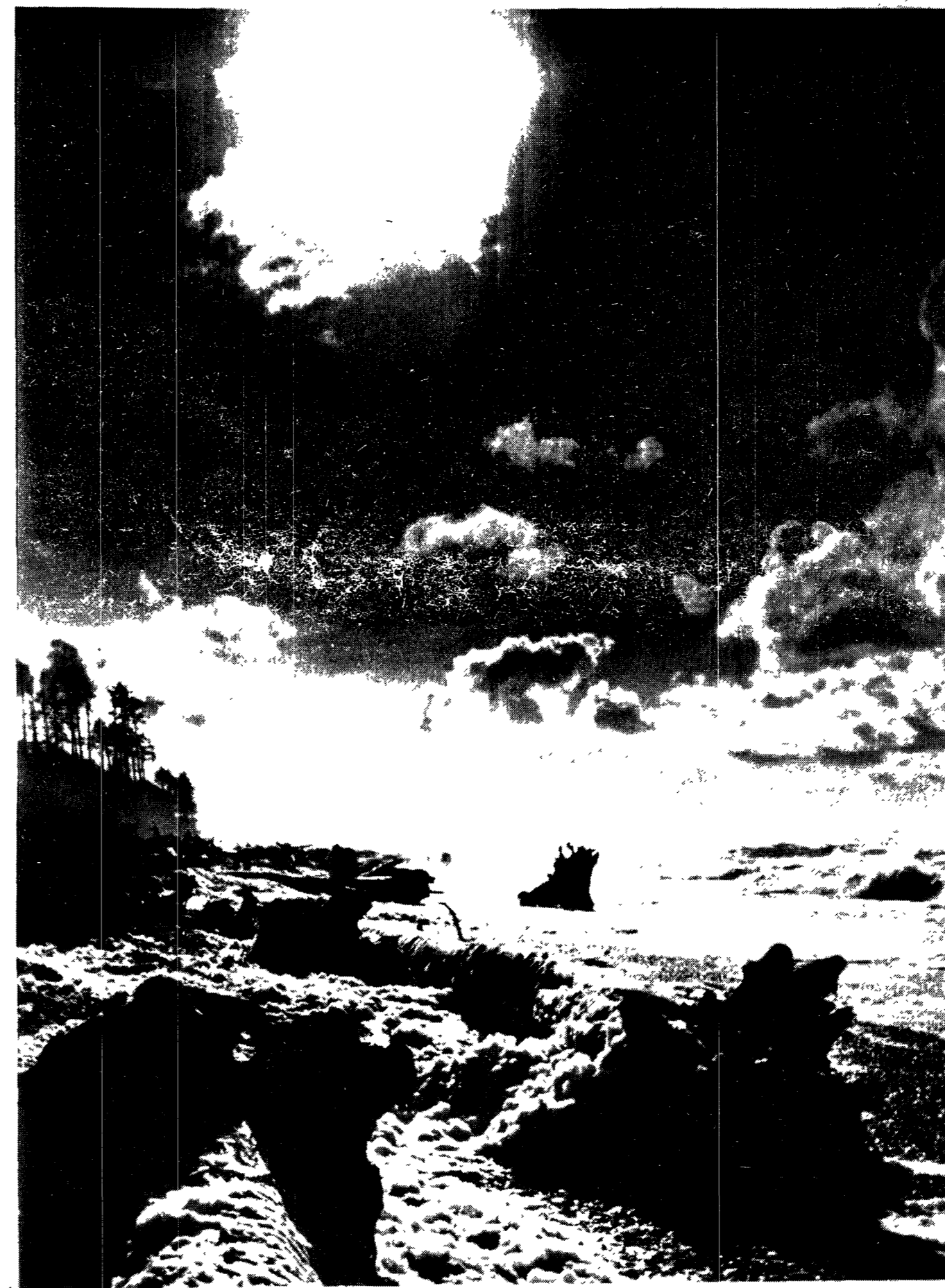
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MANAGING THE FOREST RESOURCE... FOR GOOD

Outdoors in the Olympics



Summer 1976

a special supplement to the

Forks Forum-Peninsula Herald

Summer 1976

Summer 1976

7261-261

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Olympic Game Farm

a must
for
visitors

There is a place on the Peninsula where everyone can go to see rare and not so rare animals in near natural surroundings. It is a home where buffalo roam and deer and elk play (I didn't see any antelope). I am speaking of the Olympic Game Farm located near Sequim, Wa.

From ducks and geese to polar bears and moose, the game farm has them all. And most of them are not caged. The bears are free to wander about restricted only by an electric fence which skirts their large natural area. Only the big cats, some really rare, are in wire mesh enclosures. The raising and breeding of these magnificent creatures is one of the farm specialties. Another is the training of animal actors. The guide may introduce you to one of your favorite wildlife movie stars.

For those folks who, like myself, prefer not to take the guided



tour, there is a "drive through" section. It is a whole new experience for most. Black bears pace beside your car and might try to get in if you stop. Huge polar bears stand erect to observe your passing, little more than an

arm's length away. Deer and moose doze in the shade as ducks and geese wander along the creek banks.

You are free to pull off the roadway and watch the buffalo (bison) if you wish. They may

ignore you or, as happened to us, a huge bull elk may become inquisitive and take a good look through your car window, leaving a nose track on it - much to the delight of everyone inside.

It matters not whether you are a shutterbug, a hunter, or a hunter hater. If you enjoy animals, you'll enjoy The Olympic Game Farm.

Story and photo by russ barker

Junk Food Junkies

story by russ barker



Marmot photo by Mike Baker

Probably the best place to observe local wildlife is the Hurricane Ridge area of Olympic National Park. The ridge is located near Port Angeles. The road is good and has numerous turnouts and observation points where you can park and view the surrounding area.



Chipmunk 'Junkie'



photo by russ barker

Deer may appear at any bend in the road. They seem to be unafraid and may approach quite closely. They are used to mooching handouts from tourists. This practice is frowned on by Park Officials. People foods are hard on animal tummies you see. Though they would willingly become "Junk Food Junkies," they should not be encouraged to do so.

A similar problem exists in the picnic areas near the summit. here chipmunks zip about from table to table looking for goodies that may have been left unattended. You may have your lunch snatched right off your plate by a brazen little bunch of feathery. Most local campers are familiar with this fellow. I don't know what his proper name is but we call him Camp Robber.

When you spend your day on the ridge: soak up the sunshine, drink in the scenery and photograph the wildlife, but please don't feed those park panhandlers. Help them break the junk food habit. Remember, it is for their own good.



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The Loop Tavern is located north of Forks on Highway 1031 at Tyece. The Loop is one of the long-time businesses in this area, and has a collection of wall murals depicting the logging and shingle manufacturing of long ago painted by C.L. Palmer. Stop by the Loop in Tyece; have your favorite beverage, shoot a game of pool or shuffleboard and see the murals.
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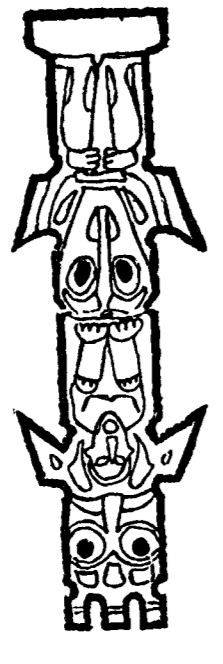
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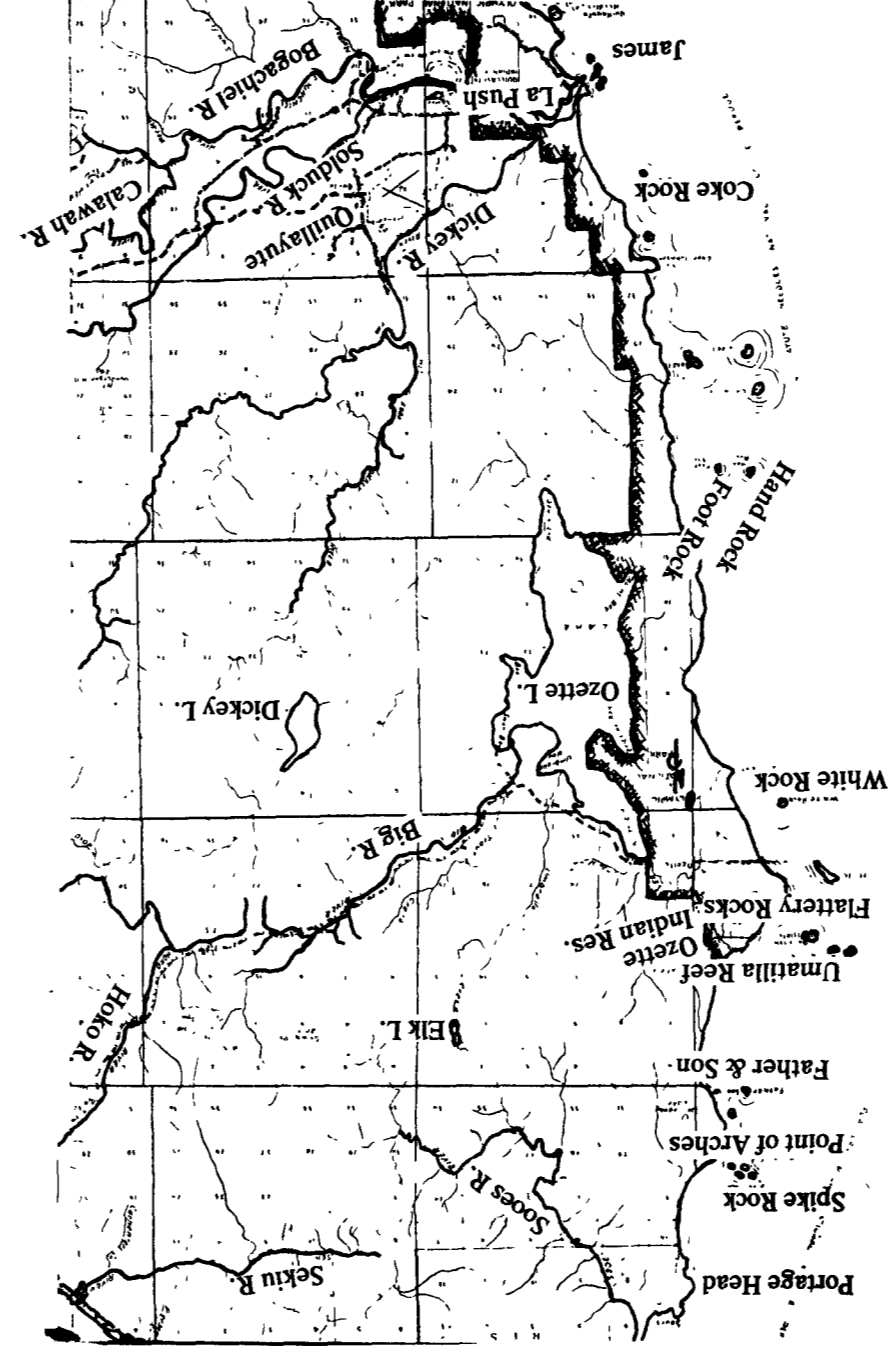
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photo from West End Pioneer Club

When Sam Morse and his partner built a salmon cannery at Mora-Ratio Beach in 1912, they hoped to harvest the plentiful fish runs there. But the isolation of the area made it too expensive to operate. The salmon still run up the river's mouth from the Pacific in great numbers. Across the river at Labush are several fish buying companies and a large boat harbor filled with commercial boats. LaPish is also a popular charter boat site as travelers come to share in the bounty of the northwest fisheries. Time and the sea have taken the old cannery, but the fish and the fishermen remain.



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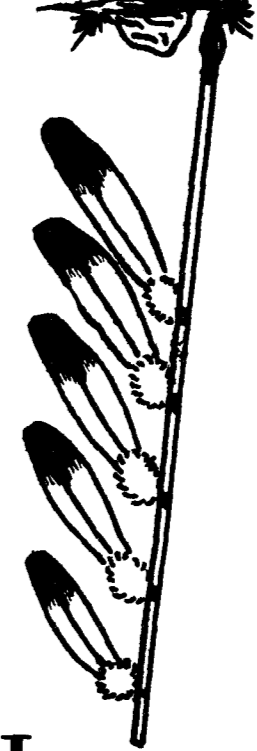


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Row Cannery



Page 4

Morning along the Quillayute



photo by Lonnie Archibald
by Lonnie Archibald

Olympic Glaciers

The last glacier advance was 13,000 years ago, in fact, some experts believe we are only in a temporary warm spell between ice flows.

The Olympic glaciers, the Blue and Hoh for instance, date back less than 3,000 years. The glaciers grew steadily until the 1700's when they began to retreat a little.

But these little ice displays are nothing compared to the Great Ice Age about 2 million years ago when the Peninsula was not

only covered with its own glaciers but was surrounded by the Cordilleran ice sheet which grew down out of Canada.

If you see rocks with smooth scraped surfaces; and piles of gravel and stones (moraines) heaped at the mouth of river valleys; and wide carved valleys scooped out of the earth and filled with water; and fields strewn with heavy granite stones-then you will know the glaciers were here and you are following their path.

It was just a typical December morning here along the waters of the Quillayute River as the sun began to climb in the eastern sky. Crows searched an abandoned orchard for the few half-decayed apples still clinging to the skeleton of a weathered tree. Seagulls scolded as they fought over the tail section of a spawned Chinook salmon and an eagle watched the activities from his perch high in an alder tree. Various species of fish ducks were also active on this cool winter morn as our river boat drifted quietly down the unstable waters. To the east one could view the snow-capped Olympics which is the source of the Bogachiel and Soleduck rivers making up this picturesque stream known as the Quillayute.

Wildlife is plentiful here near the boundaries of the Olympic National Park where deer, elk, racoons, otter, and bird life are frequently seen. Around the next bend of the river was a sample of that wildlife. A racoon in search of breakfast was busy turning over rocks and debris in the back water pools where food was evident. Crawdads rank high on the list of eatables for these ringtails and are plentiful along area streams. Racoons, though primarily nocturnal, are often seen along rivers and beach tidepools here in the Olympic National Park.

Birdlife becomes more abundant as one approaches the tidal waters and the mouth of the Dickey River. A heron takes to the air leaving food on a sand bar, which is soon taken over by seagulls. It is here one hears the pounding surf of the Pacific as its waters wash against the rugged outcropping of James Island. Seals dart about near the river's mouth in search of that which will serve as a meal. Cormorants gather on a wash rock near James Island where they bathe in the rays of the now noon day sun.

It's been a day of discovery, a day of solitude, on this winter morn here on the Quillayute.



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A new mountain chain

by Lorraine Berg

Viewed from above, the Olympics can be seen as a mountain massif, cut into eleven pie-shaped sections by glacier-fed river valleys.

On the northwestern side, the Elwah, Soleduck, Bogachiel, Hoh, and Queets rivers pour into the Pacific, tracing ancient glacier paths formed during the last ice age less than 20,000 years ago.

Geologists believe the Olympic Peninsula is a pillow-formation of basalt built by undersea volcano between 55-15 million years ago.

The bedrock basalt of the Peninsula rests on the elder North American Continent, 144 million years old. You can see some of this ancient gabbro rock formation by hiking south from Point of Arches toward Shi Shi Beach.

There, the sea-weathered cliffs and ocean stacks contain the telltale white feldspar speckled with black horn-blende, gabbro.

How do geologists know the Peninsula was once undersea? Because the underlying basalt is covered with layers of sandstone and shale, remnants of ocean floor pressed into stone by time and pressure.

Other layers contain conglomerate, a mixture of pebbles in sandstone, pebbles deposited through the millenia by undersea currents.

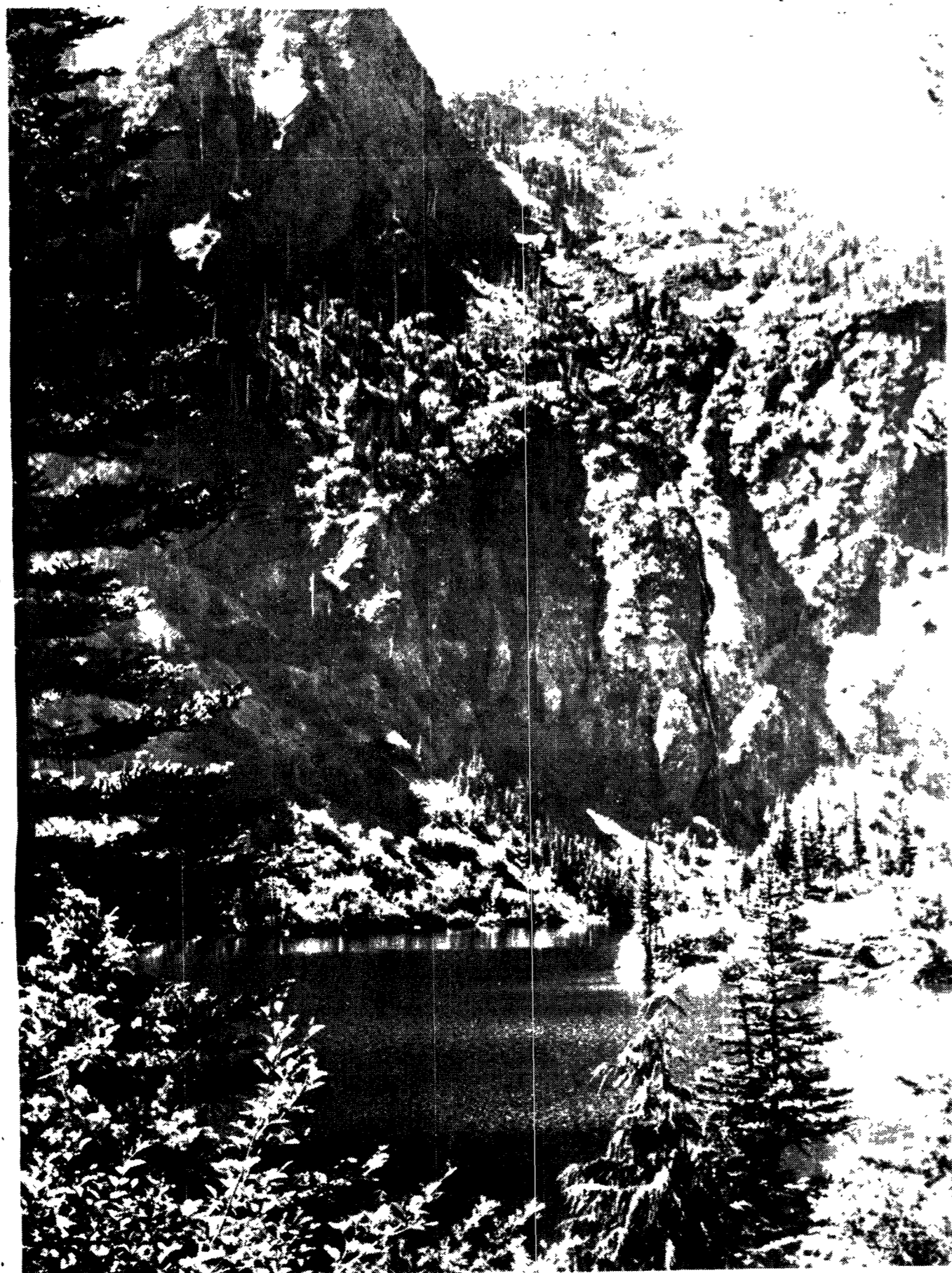
The shale contains minerals, quartz, feldspar, and mica. Sometimes it sparkles in the sun when the light hits it.

As the powerful forces causing continental drift went to work on the Peninsula, the plates underneath began to rise out of the sea, and buckle up, making the mountains you see around you, making the mountains you see around you.

Along Hoko Road, roadway cuts have opened the earth. You can read these tilting layers of shale, sandstone, gravel like a calendar of creation.

Many roadways all over the West End have slanting rock walls alongside.

You can see how the tremendous pressures inside the earth are pushing the once-flat, peaceful ocean bottom into one of the newest mountain ranges on Earth.



A mountain lake in the summer Olympics

photo by Lonnie Archibald

Fossils tell the story

The Olympic area rock formations tell history in fossils. Traces of ancient sea life can be found in red limestone containing shells of one tiny deep water animal called Foraminifera.

Paleontologists study the many different forms of these little creatures to trace the ages of each strata.

You can see the red limestone deposits below Claywood Lake high in the Olympics.

The little "forams" in those deposits there are from 40-60 million years old.

One strange phenomena is the lack of fossils in the mountain core. The fossils are found in peripheral rocks.

This shows how ancient sea life abounded on what is now mountain tops.

Another fossil trace you may see in some folded sandstone outcroppings are worm tubes. The worms seldom were fos-

silized—they were just too soft, but the tubes they bored remain.

Fossil pollens found in ancient mud and silt deposits indicate the kind of trees and flowers that grew there. By tracing layer after layer of these vegetable remains, scientists have been able to clock the coming and going of arctic and subtropical climates.

Surprisingly, during recent ice ages summer temperatures appear to have been from 3° to 11° degrees lower than today.

MAKAH DAYS

August
27, 28, 29
1976



Joe Lawrence 3rd

Friday

8: P.M. Talent Show

Crowning of Makah day,s Queen

10: P.M. Modern dance at recreation center

Saturday

8: 30 A.M. Parade Line up

9:A.M. Parade

10:A.M. Flag Raising at Canoe Club

Introduction of dignitaries

11:A.M. Culture Club Dancing

11:30 A.M. Beginning of field sports

12:noon Salmon bake continuous to 6: P.M.

8: P.M. Adult Indian Dances

10: P.M. Modern Dance Recreation Center

BONE GAMES

Continuous Saturday and Sunday

2:30 P.M. Saturday

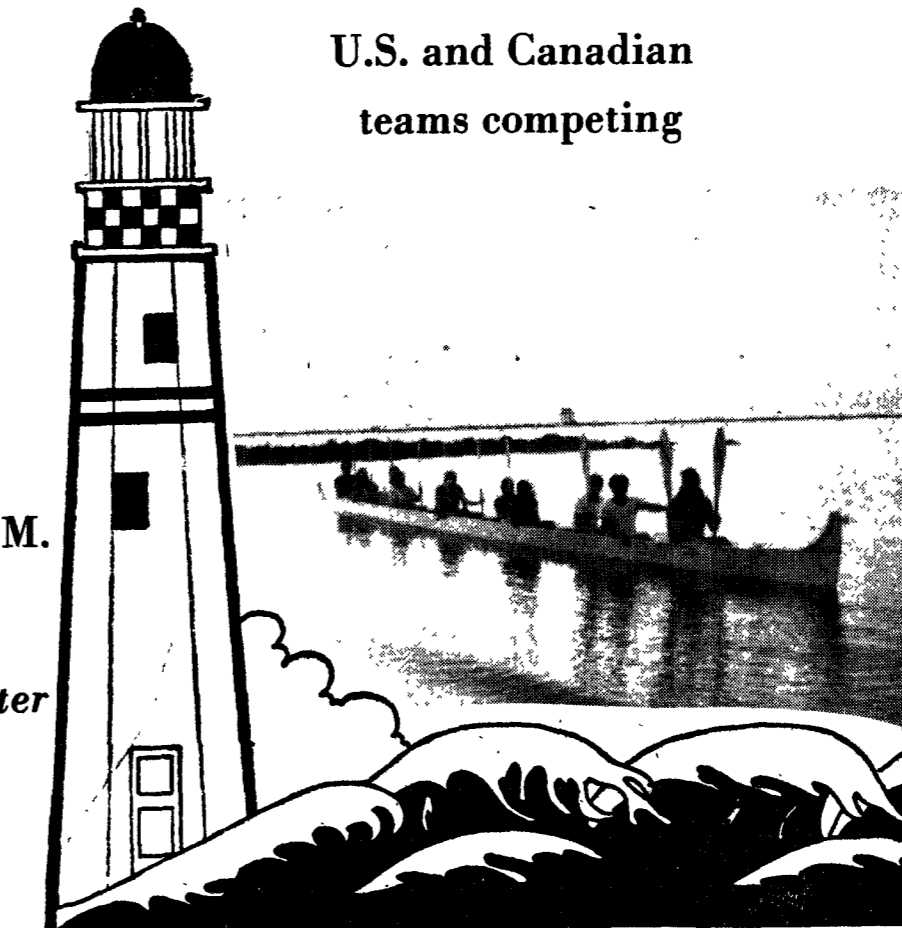
and Sunday

11 Man Canoe Races

for both men

and women

U.S. and Canadian
teams competing



more about Ozette

"Apparently they were physically strong, intelligent and much respected among the other north coast tribes," he said. "They were a highly self-supporting people, who provided for all of their physical needs with what they were able to harvest from the forest and the sea."

They were skilled fishermen, and dried halibut, whale blubber and oil, salmon, cod and shellfish made up a major part of their diet. However, they also grew rice and potatoes, made flour and molasses, hunted game in towering forests of the penin-

head chiefs and subchiefs to provide leadership at various tribal levels.

By 1930, virtually all of the Ozettes had abandoned their own remote village on the end of the peninsula and joined their fellow Makahs on the tribe's present 28,000-acre reservation adjoining Clallam Managed Forest.

The picturesque fishing village of Neah Bay is the center of the reservation, and it is there that the Ozette artifacts are being housed, rather than in museums far from the descendants of those who made them.

sula and used the hides for clothing and blankets. They worshipped the sun and

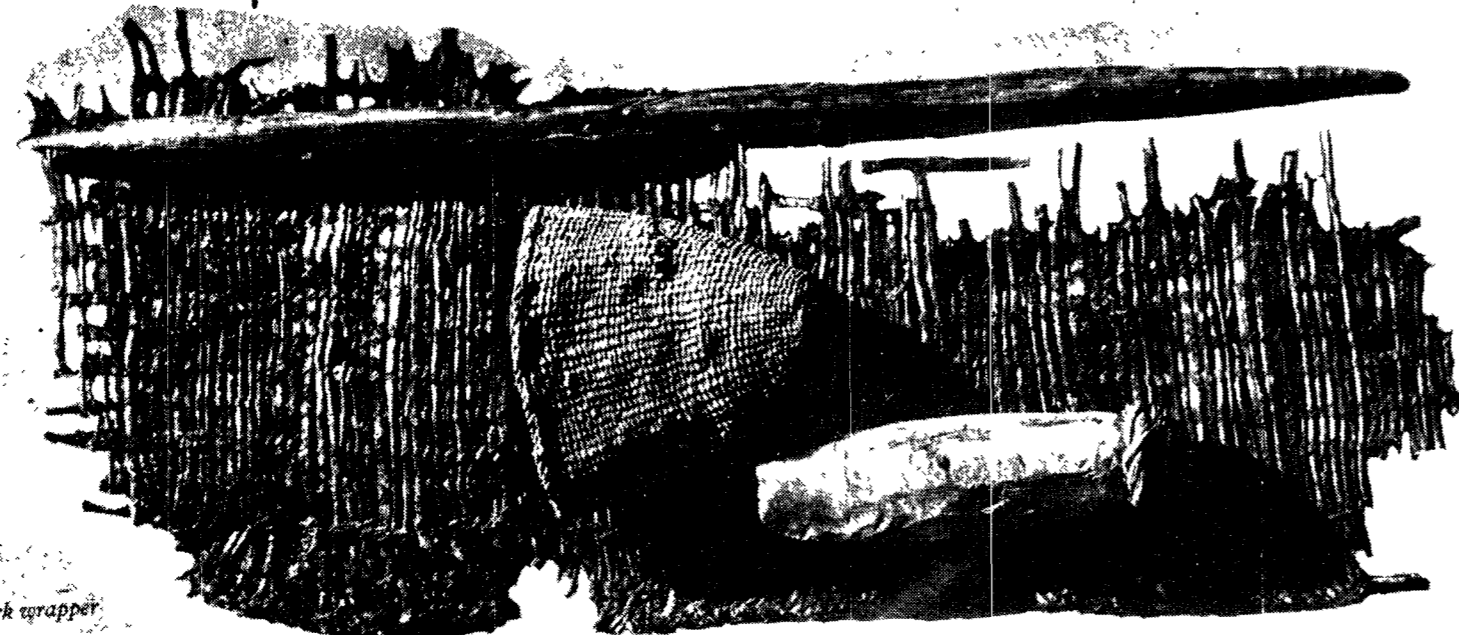


organized their society into a sophisticated arrangement of political groups and subgroups, with elections of supreme chiefs,



In that way they can help the Makahs enrich their own understanding of their tribal heritage, as well as provide an historical record of the hardy Indians who trod the dark and trackless woods and ventured into the stormy Pacific in search of whales perhaps as long ago as 4,000 years before Christ was born.

Compliments of Resource, a magazine of Crown Zellerbach.



Basket remains
Ceremonial stick
Cedar bark rain hat
Wedge with cedar bark wrapper

Makah Days Tribal Celebration

by Shelia M. Schott

Many of the people in this area have either heard about or gone to Makah Days Celebrations. But, how many of us have realized the true meaning of what the Makah Nation is celebrating at this particular time.

The first official Makah Day was on August 26, 1924. On this day the Makah Nation was made full fledged citizens of the United States of America, giving them full voting rights.

An official ceremony was held at Neah Bay with the United States President's Emmissary presenting the United States flag to James Peterson, Albert Irving and Luke Markishrum. Making these men the original flag raisers for the Makah Nation.

At this year's celebration the flag will be presented to the descendants of the original flag raisers in a special ceremony.

This celebration has become an annual event in which each year the Makah Days have grown from a small celebration, to one of large proportions.

The Makah Nation can well be proud of the type of celebrating they have. Many hours of hard work and planning go into this event.

On Saturday the general public is very privileged to see many of the original customs of these people.

The children's dances seen during the day are all original and taught to them at an early age. The costumes worn are all hand made and authentic.

The canoes used in the races on Saturday and Sunday are all hand made from cedar logs. They are made in the same fashion as the earliest war canoes. Some of the canoes you will see are from 25 to 30 years old. Each year there is work done on these canoes to make them as light and fast as possible. On close examination you will see that some of them are almost paper thin.

Be sure to visit the multipurpose room at the high school for a special treat. The artifacts from the Ozette Village dig will be on display both Saturday and Sunday.

Both men and women will be racing on a long course and you can expect lots of action. These people spend many hours in training learning to be good pullers.

On Saturday evening you will be privileged to see the adult Indian Dances performed. These dances are family dances handed down from generation to generation. These dances originate from dreams, visions, and actual happenings. All of the dances have special meanings and are sacred. Therefore you will not be allowed to take your camera along unless you receive special permission from the family whose dances are being performed.

Salmon for the salmon bake held on Saturday will be baked in the traditional way. The salmon are split and mounted whole on stakes which are driven into the ground around an open fire pit. Be sure and have some of this salmon - it is delicious.

Bone games which usually take place after the ceremonial dancing at the community hall are an old traditional guessing game. Two teams are seated facing each other. Each team keeps the same pointer, whose job is to guess the opponents unmarked bones. If the pointer guesses right, the bones go to his team. This game is played with Indian bone game songs and the beating of the drums. The Indian people feel that mystic plays a great part in the handling and pointing involved in the bone game.

Be sure to visit the multipurpose room at the high school for a special treat. The artifacts from the Ozette Village dig will be on display both Saturday and Sunday.

For a truly delightful and entertaining weekend, be sure and visit Neah Bay in August. You will find a full schedule of events on page 27.

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**Pack and Saddle
Stock
Use in the Park**

Olympic National Park has several hundred miles of backcountry trails, many of which are well suited to horse use. These tips can help you plan a safe enjoyable packtrip.

1. TRAILHEAD FACILITIES. Hitchracks are provided at the following trailhead locations: Dosewallips, Whiskey Bend (Elwha), Soleduck, Hoh, North Forks Quinault. An overnight holding corral is available at the Hoh. There are loading ramps at Whiskey Bend (Elwha) and Soleduck.

2. BACKCOUNTRY FACILITIES. Hitchracks are provided at Olympus Guard Station (Hoh River Trail) and at Elkhorn Guard Station, Elwha River. The Hayes Guard Station (Elwha River Trail) has a hitchrack with separating "stalls". The Stony Point area near Elkhorn has drift fences.

3. RULES AND REGULATIONS
(a) Loading, unloading, tying or use of pack or saddle stock is not permitted within 80 yards of established camp areas, fire rings, shelters or eating or sleeping areas in the backcountry.

(b) Visitors must carry and use supplemental feed (grain or pellets) on all stock trips. Limited grazing is permitted.

(c) Horses can cause severe damage to meadows when they are picketed and to root systems when they are tethered to trees. For this reason, both picketing and tethering to trees is not permitted. Instead, horses should be hobbled and turned loose, confined within drift fences, tied to hitchracks, or tied to a picket line strung between two trees.

(d) No more than 8 head of stock will be permitted in any one group.

(e) To prevent undue damage to wet or muddy trails and meadows certain trails may be closed to horses for limited times.

4. RECOMMENDED TRAIL ROUTES. Hoh River Trail, Elwha-North Fork Quinault cross-park route via Low Divide, Dosewallips-East Fork Quinault cross-park route via Anderson Pass, and Skokomish River Trail.

**Fire Lookouts:
Sentinels of Yesterday**



Photo Courtesy of Bill James

Horses carry materials through the blackened, fire denuded forest to a mountain top watchtower site. When construction was completed a twenty-four hour guardian watched the endless woodlands for tell-tale puffs of smoke each hot summer day.

Today helicopter and airplane patrols spot fires quickly and efficiently. Few towers survive to mark the silent battle against the forest's greatest enemy, but the danger always remains.



**Warning-
dangers in the woods**

Olympic West End is one of the great, outstanding wilderness areas in the United States. In just a few miles, this wilderness ascends from wild, rugged beaches through dense, dark lowland forests that cloak the flanks of the mountains, to the splendor of the alpine country.

In the heart of the mountainous interior are found some of the lowest glaciers and ice fields in the contiguous states. In most cases, you can walk a short distance from your car and have a feeling of being in a virgin wilderness.

You do not have to be afraid of poisonous reptiles, poison ivy, clouds of mosquitoes, black flies, chiggers or ticks. But for your own enjoyment and safety, we suggest you consider the following precautions during your visit.

In the last few years we have had some problems with bears and other vandals. Backcountry travelers should keep a clean camp.

Suspend your food and pack at least 10 feet above the ground between two trees, so that a marauding bear upon climbing the tree would not be able to reach the pack. Lock valuables

out of sight, in the trunk of your car, or take them with you, to prevent thefts.

Periodically, especially during the summer season, there may be a period of over 60 days without any appreciable moisture. It is during these dry spells that an escaping campfire can destroy the very wilderness you have come to enjoy.

When building a backcountry campfire, keep it small and, above all, make sure that it's totally out by feeling the ashes before leaving your campsite.

Experienced wilderness users are increasingly turning to small, light gas-burning backpack stoves. Their campsites are not marked by the ashes and black carbon of a wood campfire.

The Olympic Peninsula contains some of the greatest remaining coniferous forests in North America. Outside the park these trees are being harvested to build new homes and furnish needed lumber for the American economy.

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PRECIOUS DISCOVERIES IN THE OZETTE MUD



An abandoned Indian village on the windswept tip of Washington State's rugged Olympic Peninsula has quietly developed into one of the most important archaeological discoveries in the western hemisphere.

Since scientists first began digging there almost 10 years ago, the muddy little village of Ozette has yielded up relics believed to be at least 3,000 years old which provide the most complete archaeological history ever found of Pacific Northwest coastal Indians.

And Dr. Richard Daugherty, chief archaeologist at Washington State University and director of the excavation project, believes the historical record buried at Ozette may go back as much as 6,000 years.

Local residents have known about the site for many years, and some even went relic hunting there long before archaeologists organized the first scientific "dig."

The Ozettes were a tribe of the Makah Indian nation, which inhabited much of the peninsula and still has its reservation there bordering CZ's Clallam Managed Forest. Years ago, CZers from Clallam and nearby Port Angeles and Port Townsend mills were collecting Ozette artifacts they came across in the area.

Bert Wyland, now CZ log quality control coordinator in Portland, hunted beads, shells and basket remnants when he was assigned to Clallam. And Dave McMin, now manager of Clallam's Managed Forest, recalls finding a layer of woven cedar baskets exposed in the bank of the Hoko River, once an important Makah fishing stream which flows through CZ property.

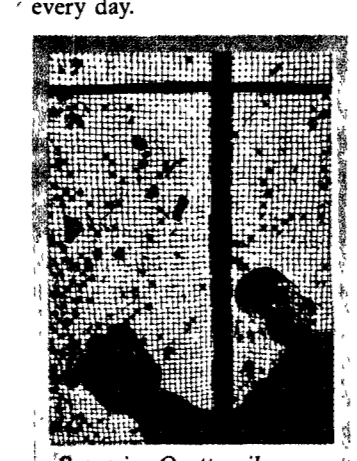
At about the same time, a Clallam crew discovered other Makah artifacts, including a wedge, cedar matting and more baskets.

These and other reports of discoveries by amateur artifact collectors intrigued a number of

Pacific Northwest archaeologists over the years, but it was not until 1966 that Dr. Daugherty organized a full-scale excavation project to unearth the scientific treasures buried at Ozette, and do exploratory excavations on the Hoko River.

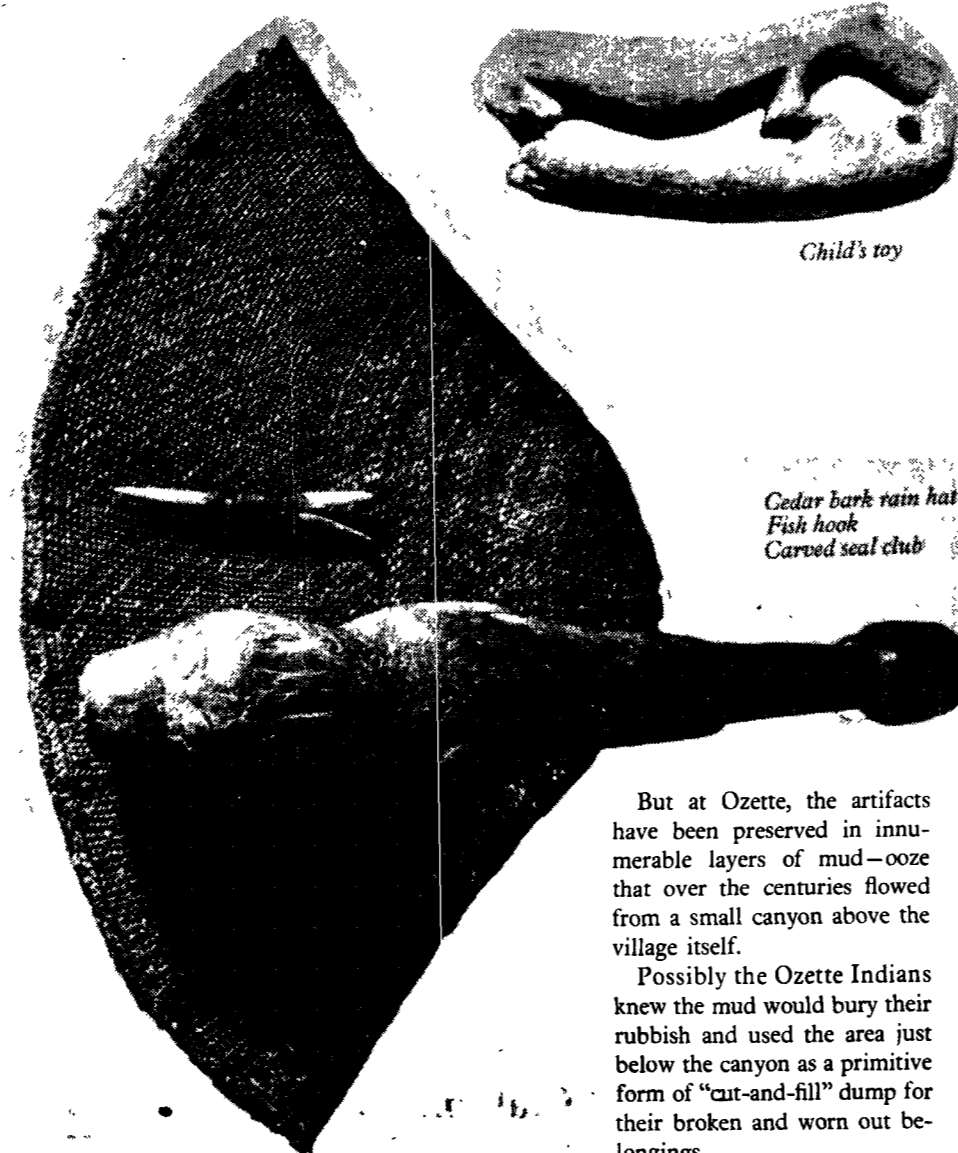
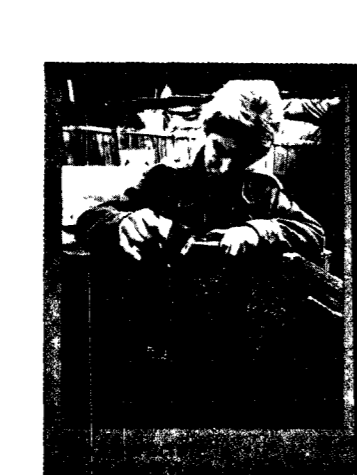


Of particular fascination to archaeologists is the incredible amount of fragile artifacts—tools, utensils and weapons—that continues to flow from the Ozette excavation. More than 34,000 have been unearthed so far, and more are being found every day.



Screening Ozette soil for artifact fragments.

What makes this so unusual is that in the past, the ancient history of the Indians of this area has been difficult to trace because their artifacts have been largely destroyed by the wet, salty climate of the Olympic Peninsula.

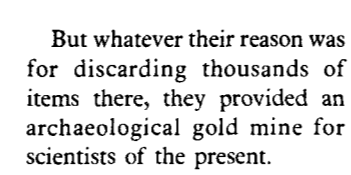


Child's toy

Cedar bark rain hat
Fish hook
Carved seal club

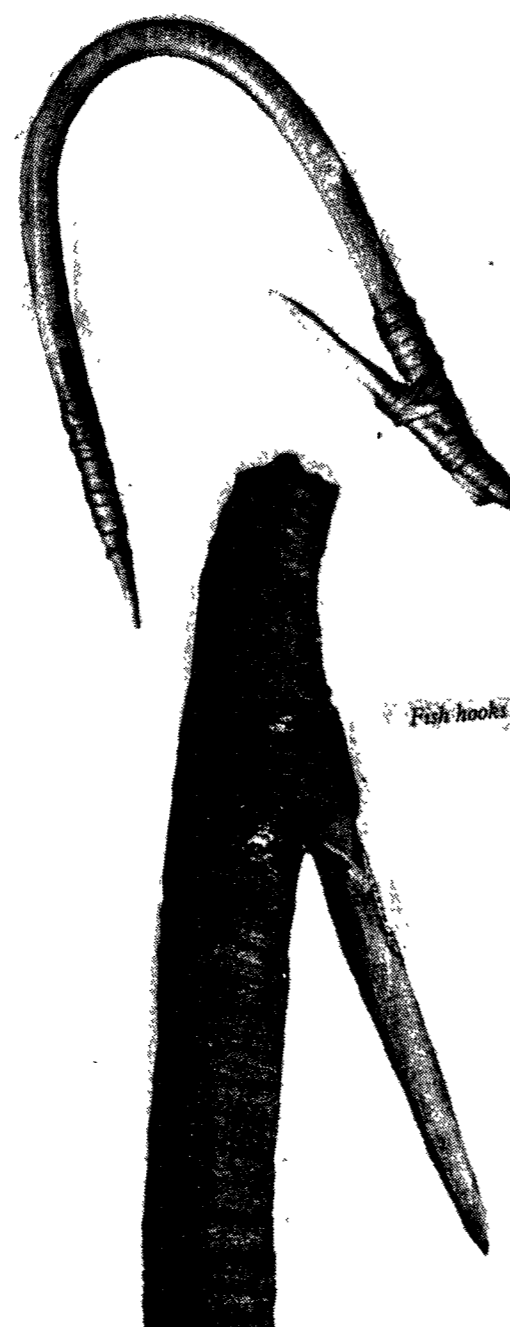
But at Ozette, the artifacts have been preserved in innumerable layers of mud—ooze that over the centuries flowed from a small canyon above the village itself.

Possibly the Ozette Indians knew the mud would bury their rubbish and used the area just below the canyon as a primitive form of "rat-and-fill" dump for their broken and worn out belongings.



But whatever their reason was for discarding thousands of items there, they provided an archaeological gold mine for scientists of the present.

The mud has preserved even such rare and perishable items



Fish hook

Fish hooks

as cedar ropes, baskets, looms, clothing and wooden harpoons in much the same condition they were in when their original owners discarded them.

Working with the infinite patience and care of egg handlers, the crews dig slowly downward through the mud until an artifact is exposed. The soil is then cleared from around the object so that it can be removed and gently washed clean. After that it is processed with a preservative and catalogued.

With the aid of the artifacts, Dr. Daugherty has pieced together what he believes is a fairly accurate picture of the early Ozettes.

continued on page 26 ▶

Arts & Crafts
Macrame
Fabrics
Patterns

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Bootleggers & Loggers

by Lorraine Berg

An early resident tells about some of the high jinks of the hard working, hard living woodsmen:

"They worked twelve to fourteen hours a day, six days a week. They were a wild bunch.... sit up all night gambin' then go to work. One of my friends was a bootlegger out there. He'd come to town wearin' a long black trench coat, clankin'."

"He clanked when he walked. You could hear him comin' before he got there. See the coat was full of pockets inside. He stuck all the pockets full of bottles of booze. The guys all knew he was comin'. They'd be waitin', almost lined up."

Sappho is almost gone now, but there are those who like to remember what it was like when Sappho was a wild, booming logging town.



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FORKS THRIFTY MART on the south edge of Forks

Old Time Loggers were tough



The very early days of logging on the peninsula were man and beast pitting muscle and brain against the forest giants that dominated the land. Horse logging was practiced from the 1870's until the steam engine was adapted to this work.

At first only timber accessible to water was cut. It was skidded to the water where it could be formed into rafts for transport to lumber mills. Many northwest cities have a "skid road" on their waterfront as a reminder of those days.

The "steam donkey" took over as the method of yarding, and made possible "high lead" logging.

A high climber would go up a properly located tree, cut off the top, and hand a block and tackle on it. This was called a "spar tree" and was used until the early sixties when movable towers came into common use.

The powerful "donkey" could yard the huge logs over rough terrain that would have been impossible for horses.

Steam power was a great advance in logging and made much more timber available, but those "modern methods" helped only after the timber was cut.

Until the chain saw came into use, timber falling was done by sheer brute strength. Huge trees were tackled by two men

with axes and a cross-cut saw called a "misery whip" or a "Swedish fiddle".

Notches were cut high above the ground to avoid the taper of the trunk, or "swell butt" of the tree, and spring boards were wedged in to form a platform on each side for the men to stand on while sawing.

An undercut was made to force the tree to fall in the desired direction, and then it was pure stamina and persistence.

Many of these old stumps can be seen today, spring-board holes still discernible.

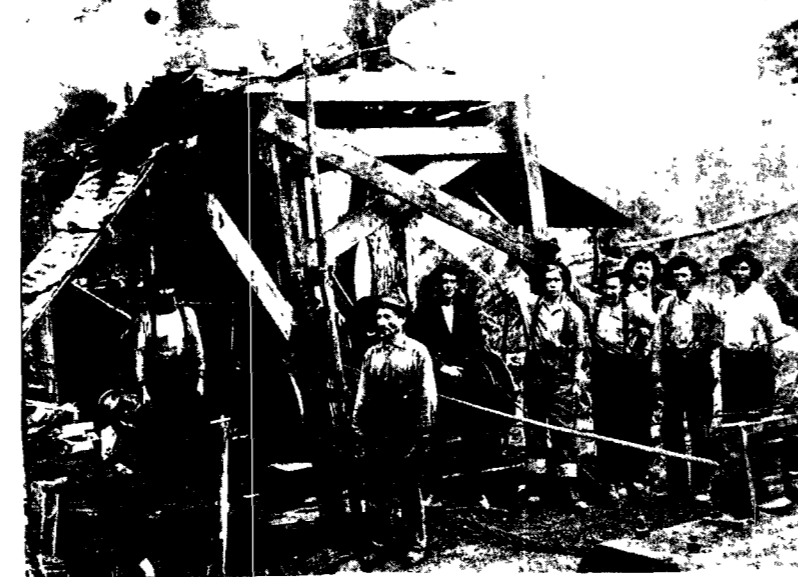
The men lived in logging camps far from civilization. Their pay included room and board. The reputation of the camp cook often determined which company a man would work for.

The men slept in bunk houses and never heard of the eight hour day.

The only time they left camp was on payday. The company would transport them to town, turn them loose for two or three days, and then pick them up, usually broke and hung-over, to take them back to camp for another month. (No wonder they were referred to as "timber beasts". No drinking was allowed in camp, so ax throwing, chopping, sawing, splicing line, and climbing trees were their recreation as well as their trade.

Railroad logging was the most common means of moving timber on the peninsula for many years. A few log trucks were introduced as early as 1920, but were the exception rather than the rule until World War II.

Road building equipment became available after that and it was possible to get to timber farther away from the railroad



lines.

The first trucks simply hauled the wood to the nearest rail head, or reload. However, as roads and better roads were built, it became practical to truck the wood to its destination rather than reload it.

Most of the railroads were phased out by 1955, but there was still one line being used until 1973. Old railroad beds are found throughout the area and are productive hunting grounds for mushroom fanciers.



One can no longer hear the haunting sound of the train whistles that echoed through the mountains and forests of the Olympic Peninsula for so many years.

The network of roads and the accessibility of personal transportation had a lot to do with the phasing out of the old-time logging camps.

Dickey camp was operated by Blodell until Rayonier bought it in 1946. It was operated for about ten years after that. It had a complete blacksmith shop to maintain the locomotives and other equipment. This big per-

manent camp housed more than 200 men.

Ozette was originally operated by the Ozette Timber Company. Rayonier also took this one over and shut down the camp living facilities in the early fifties.

Sapaho was perhaps the biggest of the camps. It not only had live-in accommodations for the loggers, but it was also company

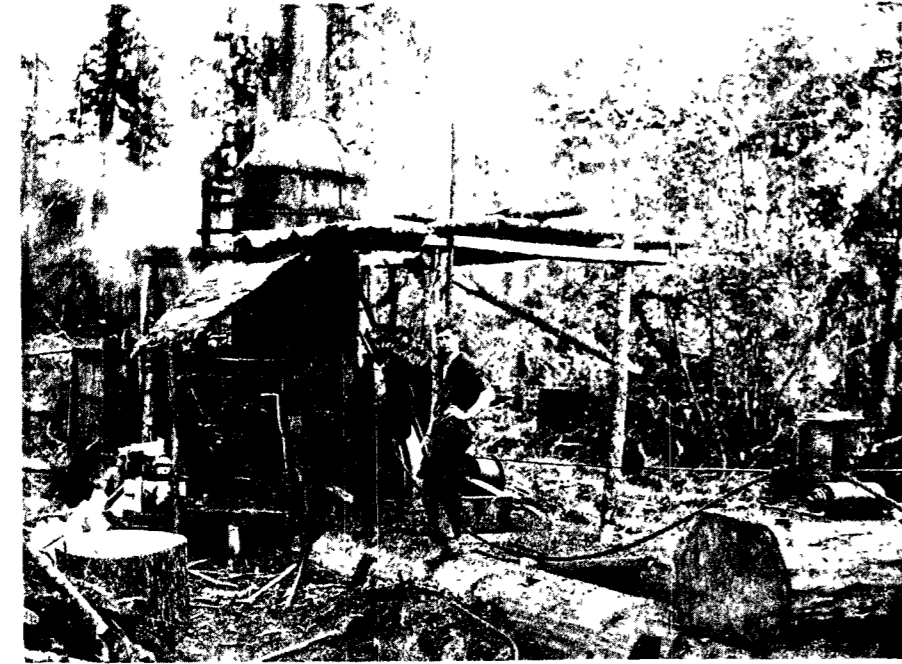
headquarters for Rayonier. The company provided housing for employees' families, and had a company store and a post office. It remained company headquarters until 1972, although the bunkhouses had been closed for about four years by then.

One of the few genuine logging camps operating until recently in the West End was Hoko camp. Here a logger could live in camp, sleep and eat in the company facilities, buy his work

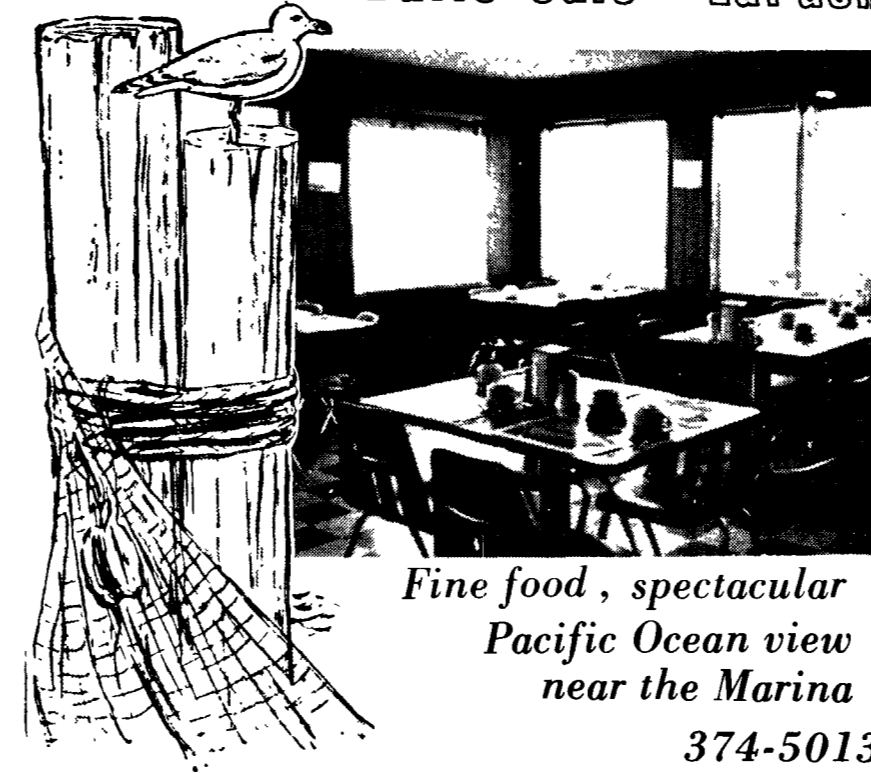
clothes and whatever else he needed in the company store, and depend on the company "crummy" to take him to his job and back.

Somehow, though, the feel of the old days is gone. Instead of a train whistle, there is the growl of a diesel and the angry whine of a chain saw.

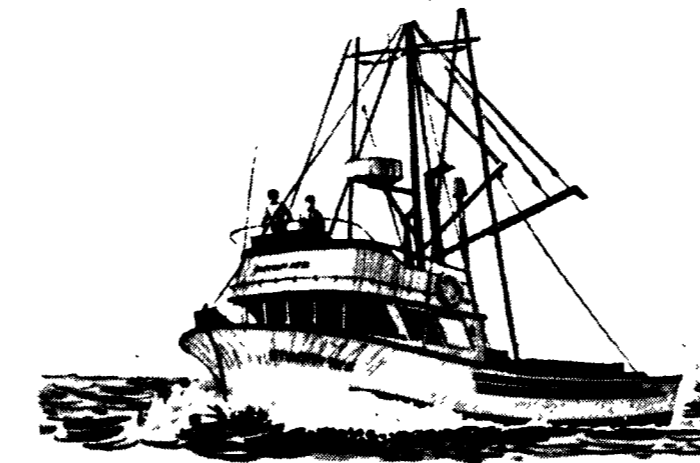
One can almost hear a ghostly laugh and see the bearded face of an old-time "timber beast": "By yumpin' yimminy, and they call themselves loggers!"



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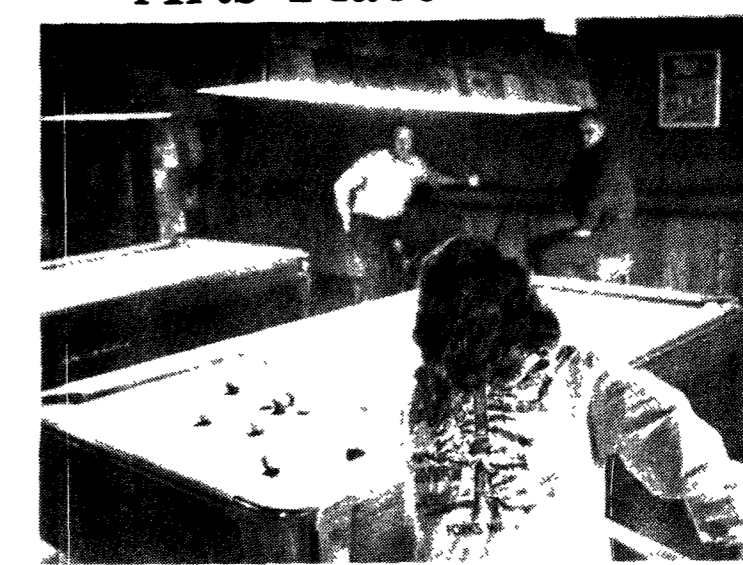
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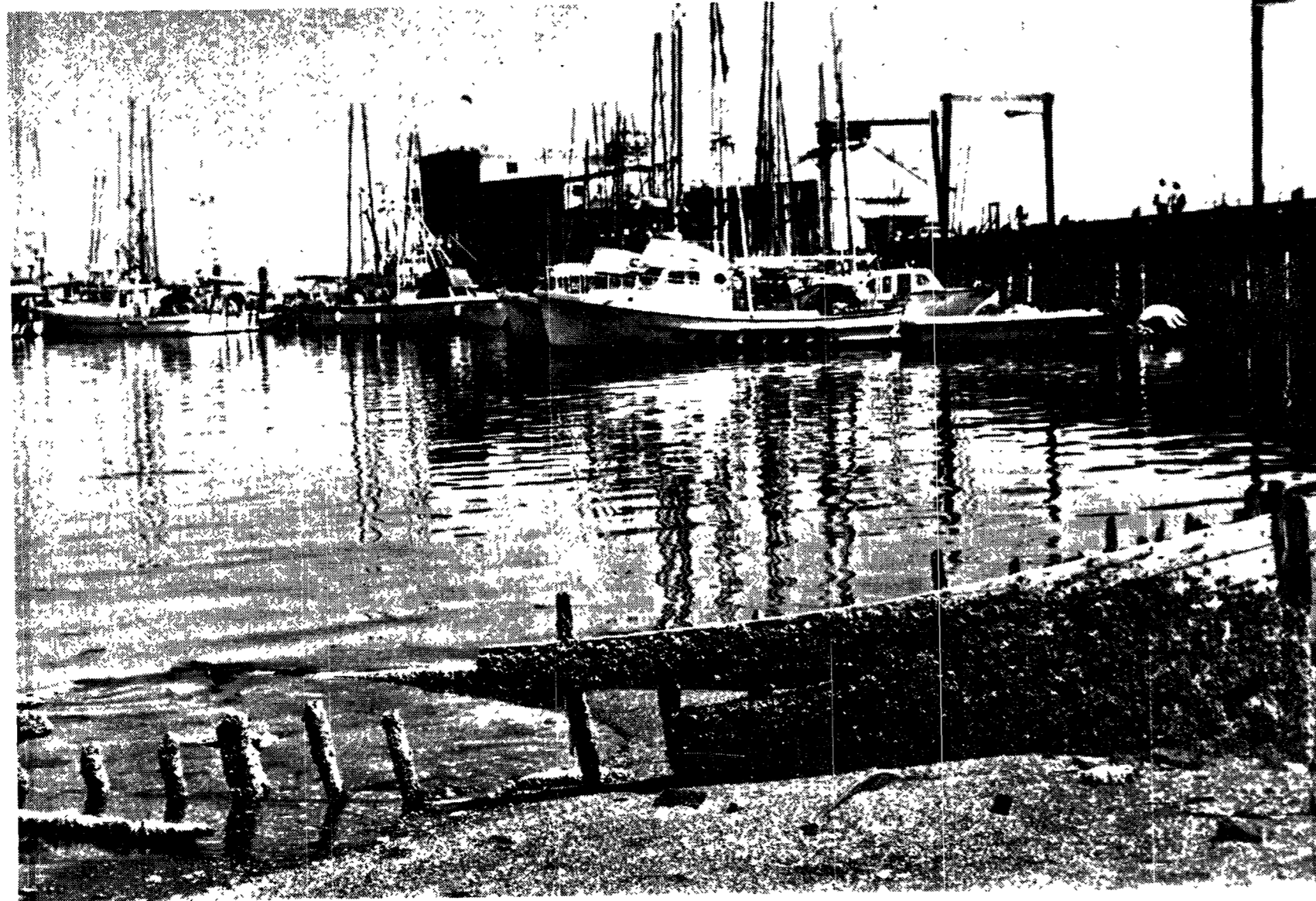
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Beach fun for all by russ barker



photo by Lonnie Archibald

Our ocean beaches attract huge crowds. Natives and tourists alike flock there for a variety of reasons. Beach combing, of course, is a fascinating pastime. Who knows

what treasure lies behind the next drift log? Or around the next point? Your imagination can do wonders with the discovery of odd shaped pieces of driftwood, or the hatch cover from some

boat. Perhaps you'll find a glass ball-fugitive from some fisherman's net in another part of the world.

You don't have to be a marine biologist to enjoy the tidepool critters. It's hard to imagine the endless varieties of plant and animal life-nearly impossible to identify them all.

You might have a staring match with a curious seal who has come into shallow water to fish, or maybe see a whale roll or spout.

Do yourself a favor this summer. Spend some time at the

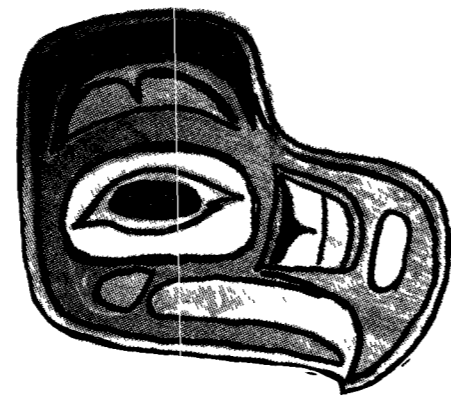
beach, taking pictures, throwing frisbees, roasting hot dogs or surf fishing.

When you've used up your day doing whatever suits your fancy, settle back against a drift log and watch the sun slip slowly into the ocean. It's a sight you'll not soon forget.

Whatever your interests-it's your beach, enjoy it. Please! Keep it clean so we can enjoy it tomorrow.

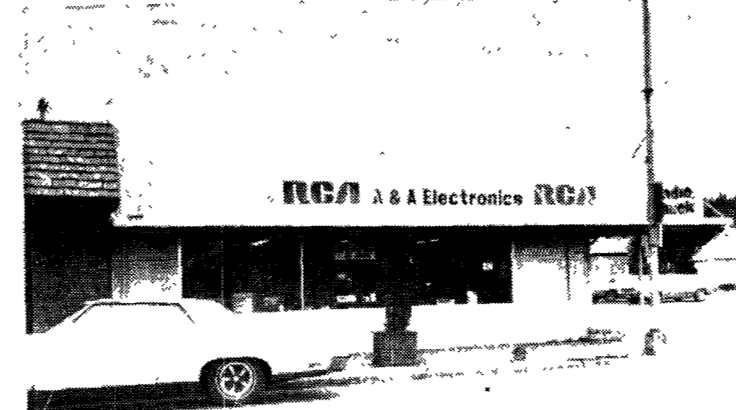
Beach hikers should know the tides to avoid being trapped rounding points on incoming tides.

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Hiking the backcountry rainforests

This is the rain forest, where thick vegetation, ferns, and mosses cover the forest floor. Dew touches blue and red huckleberries, found in the lower elevations, along the trail.

Squirrels chatter as they search out breakfast beneath the spruce forest. Camp robbers are heard as they clean up a box of crackers left behind by careless hikers, and overhead, the black outline of crows jeering in the branches of a fir tree.

Silence prevails here. Silence broken only by the sounds of nature. The forest begins to thin as one reaches higher elevations. The sub-alpine timber stands, stunted and deformed at 5000 feet, in large meadows full of wildflowers.

Where the growing season has been shortened to only three summer months, snow patches remain till the autumn snows once again blanket these back-country meadows. Mountain streams flow clear and cold as they rush down the slopes to the rainforest swamps below. Lakes carved by yesterday's glaciers dot the hillside sparkling like jewels in the afternoon sun.

Eastern Brook, Rainbow and Cutthroat trout are found in most lakes. The lakes suffer from over-fishing at times.

Elk, deer, bear, goats and marmots abound, as well as many species of birds. Bald-eagles soar above the meadows, seeking their prey: rodents, fish, and other birds.

The air here is clear and fresh—fresh as the glacier lilies swaying in the afternoon breeze. Come evening, the air cools, frost and ice settle on the meadow in the high country.

story & photo by Lonnie Archibald

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Clallam Bay Story

Clallam Bay started as East Clallam in 1890 when Dave Kellogg of Seattle platted it. The name was changed in 1907.

It was the trading hub for local homesteaders and fishermen.

The fishermen at Clallam Bay used gill-nets on the Clallam River to catch steelhead, which were iced and shipped to Seattle.

But logging was the biggest business. In 1890 Mike Earles and Alston Fairservice started a sawmill which burned within two years. Earles went on to build other mills in Bellingham and Port Angeles.

Fairservice stayed in Clallam Bay to run the mill store, post-office, and millions of feet of timber.

Logs were not loaded on flat cars at first, but dragged down the track by the locomotive. Robinson Logging changed all that.

The Hoko was being logged by the early 1900's and men from Forks, Sappho, Sekiu and Crescent worked in the roadbuilding and logging operations.

All during the growth period, small dairy and general farms were being operated to help supply fresh food to the residents.

Logging was growing. Robinson had started it, sold out to Goodyear Company, who sold to

Bluedel-Donovan in 1923. Donovan built the railway over to Sappho and Forks area to log that timber. They logged successfully, obtaining sizable land holdings until selling out to Rayonier, Inc. in 1945.

A newspaper, The Clallam Bay Record, was started in the 1890's but moved to Sequim, where it became the Sequim Press.

Reverend Rufus Fletcher started a Church in the 1890's but eventually moved to Forks where he built the first church there.

Some early pioneers were the Murrays, Killians, Welkers, Raymonds, Gossum, who bought the store from Fairservice; Anton Fernandez, a mailman on horseback; and Ben Danielson, another mailman.

Two ports took people inland to Forks and Sappho in the 1890-1920 time period. One was Pysht, the other La Push.

Travelers coming from Seattle disembarked at Pysht to go up river via canoe, then over Burnt Mt. to the interior.

Or they unloaded at La Push, crossed in Indian canoes to Mora where a road took them inland.

Cattle were rounded up yearly, driven to Clallam Bay by Harvey Smith of Quillayute, and shipped to Port Townsend to be sold.

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Sekiu-fishing Mecca

Sekiu is called a fishing and resort village, but it is far more than that.

Sekiu was called West Clallam Bay in the 1870's when the natural harbor made it a logical townsite and industrial center.

J. A. Martin came out from Seattle to establish a salmon cannery close to the fishing grounds. Jim Tort later joined Martin in the cannery, which eventually moved to Blaine.

Hemlock bark used in the tanning process was abundant in the area, so California Tanning Co. moved an extract plant to Sekiu, bringing in homesteaders by the dozen to work there in the 1880's and 1890's.

The hardy pioneers included: Tom Peasley, Chas. Carpenter, Wm. Poole, A. N. Fulton, Seth Tuttle, Bill Kemper, George Talbot, John R. Sands, and Henry Buckman.

The extract factory was built by U. P. Miller, L. G. Wickersham, the first school teacher, also came to Sekiu in the same period.

A barrel factory was set up in East Clallam - now Clallam Bay - to make barrels to contain the hemlock tanning compound.

When tanning processes were updated, the plant shut down and families scattered. The men went

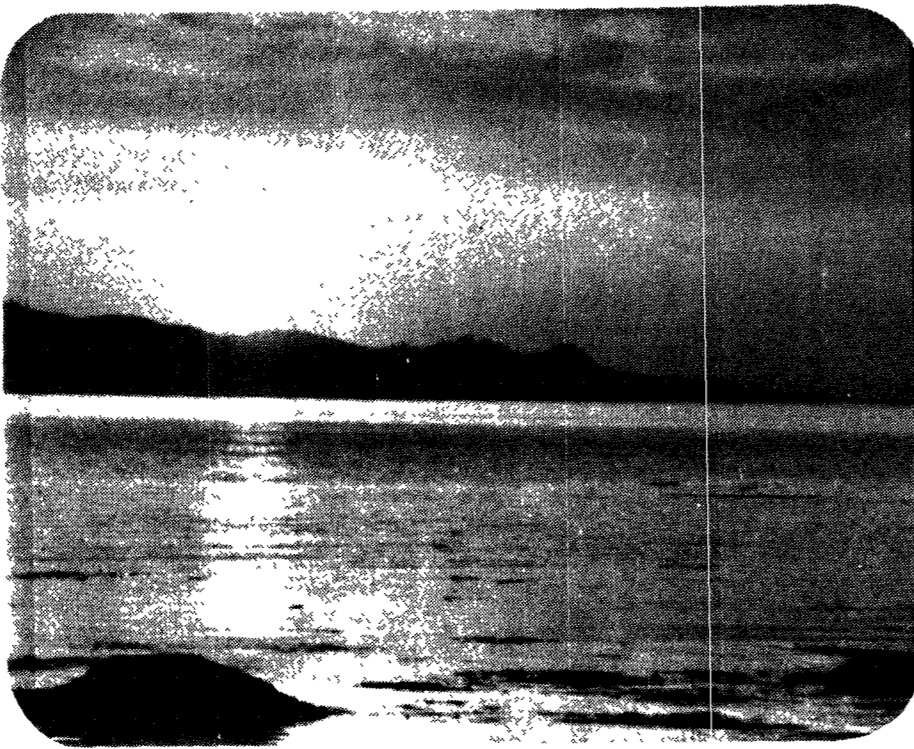


photo by Mike Baker

to Port Crescent - near Joyce - to work, or worked on the road crews for \$2 per day, or began to fish.

The rich fishing area in the straits proved to be a new source of food and income with the San Juan Fish Company buying

all fish at 25¢ each.

The logging industry got started then, too, with Sekiu becoming

ing the rafting point for the area. Until very recently, logs were dumped in the bay, gathered into rafts, and towed by tug boats to lumber mills in the Hood Canal area.

A hotel was operated by the Peasleys, then Bill Kemper, who put in a general store and postoffice downstairs, and a livery stable in the warehouse.

Seth Tuttle went from his general store to running a locomotive for the logging company.

A schoolhouse was built in 1916 for Mr. Wickersham, thanks to a civic leader, Mr. Nord, who designed it. George Kuppler built it.

Meanwhile fishing had been prohibited within 3 miles of rivers, which hurt commercial fishing, but promoted sports fishing.

Now Sekiu is a sport fishing mecca for the North Western area of Washington.

The airport has been put in to help fishermen fly in from Seattle and Tacoma.

Of course, the area is so beautiful, even non-fishermen enjoy its resorts.

Slip Point Light house

A Coast Guard lighthouse installation can be found just east of Clallam Bay on Slip Point. It was built in 1904, with H.P. Score being the first keeper. Sam Morris, Otto Hines and Mr. Alden all tended the light, too, until the Coast Guard took over.



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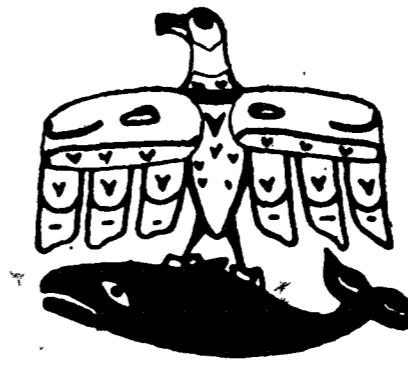
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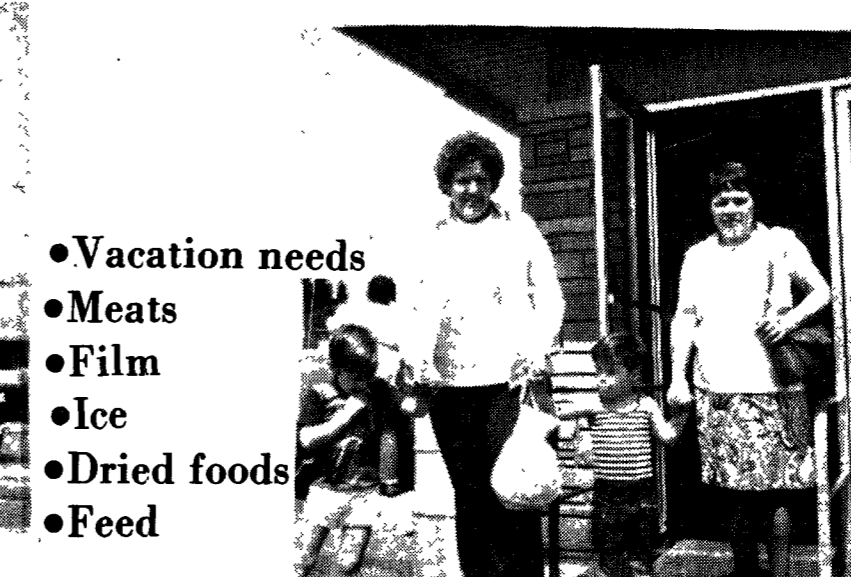
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Today's Timber Beasts

4th of July Logging Show
photo by Lonnie Archibald



This photograph by Darius Kinsey was copyrighted in 1906 with a caption which reads, "Felling a fir tree 31 feet in circumference, measured four feet from the ground. From the undercut to the ground is ten feet".

The Timberbeast

by Don Mews

Hey, I'm a Timber Beast from the Great Northwest. I've worked in timber all my life. The fir trees are my only kin, and my chain-saw is my wife. I work and slave the whole week through, just to draw a company check. Then I go to town on a Saturday night, and I'm broke again. By Heck.

So get out in those woods, you old Timber Beast, drive that chain saw, swing that axe. 'Cause what you don't spend on a Saturday night, Uncle Sam will take in tax.

Now I live all alone in a wooden shack, with a cookstove and a bunk, and the only company that I have, are two woodchucks and a skunk.

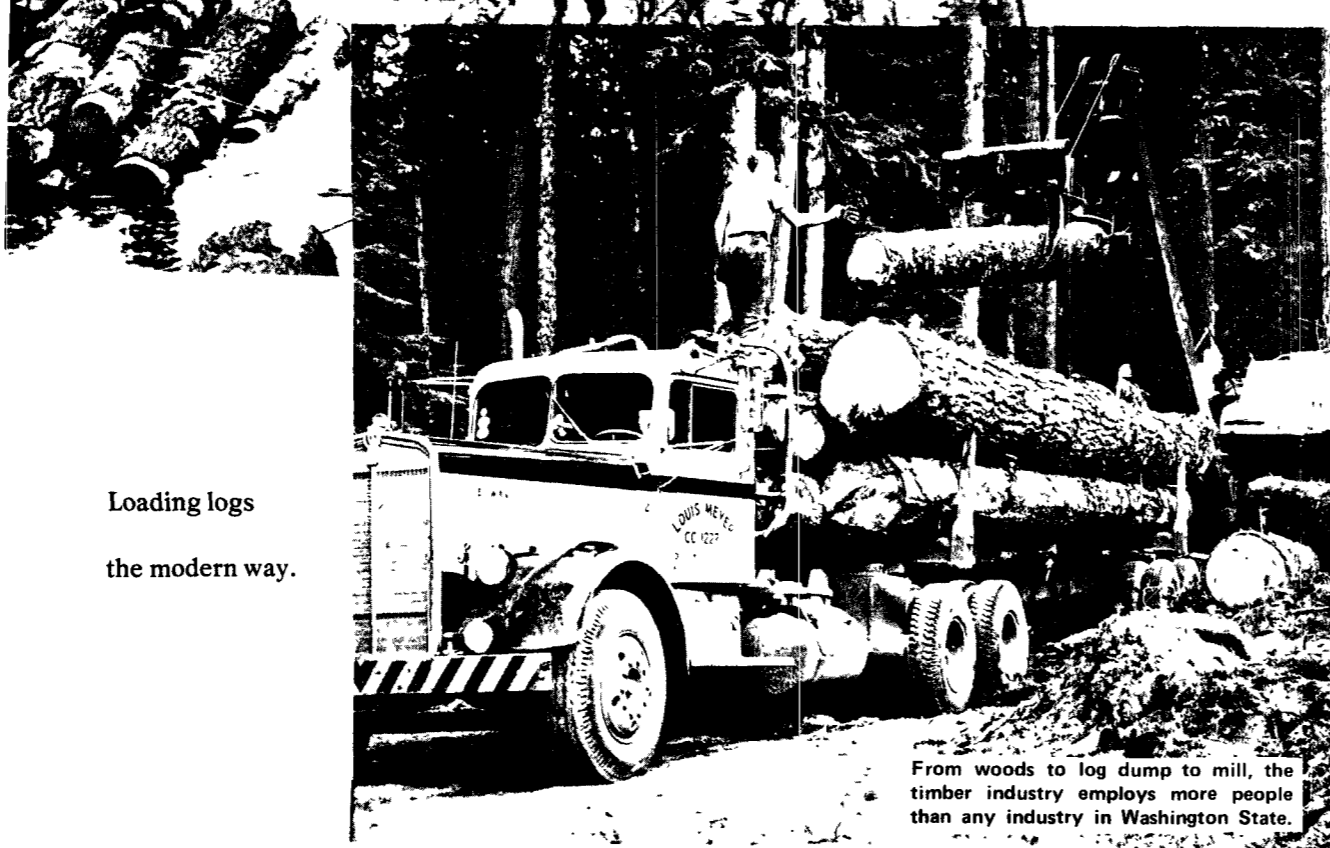
I twitch that timber with my D-8 cat, and I work 'til my back is sore, but I don't get rich when I bull and jam, so I reckon I'll just stay poor.

So get out in those woods you old Timber Beast, drive that chain saw, swing that axe. Because what you don't spend on Saturday night, Uncle Sam will take in tax.

Now, when I grow old, and my time has come, and I lay me down and die, I'll cut enough timber down below, to make the devil fry. Then he'll send me up to old St. Pete. He'll say, "If you can use him or not, get that wild Timber Beast out of hell, because he makes things too doggon hot."

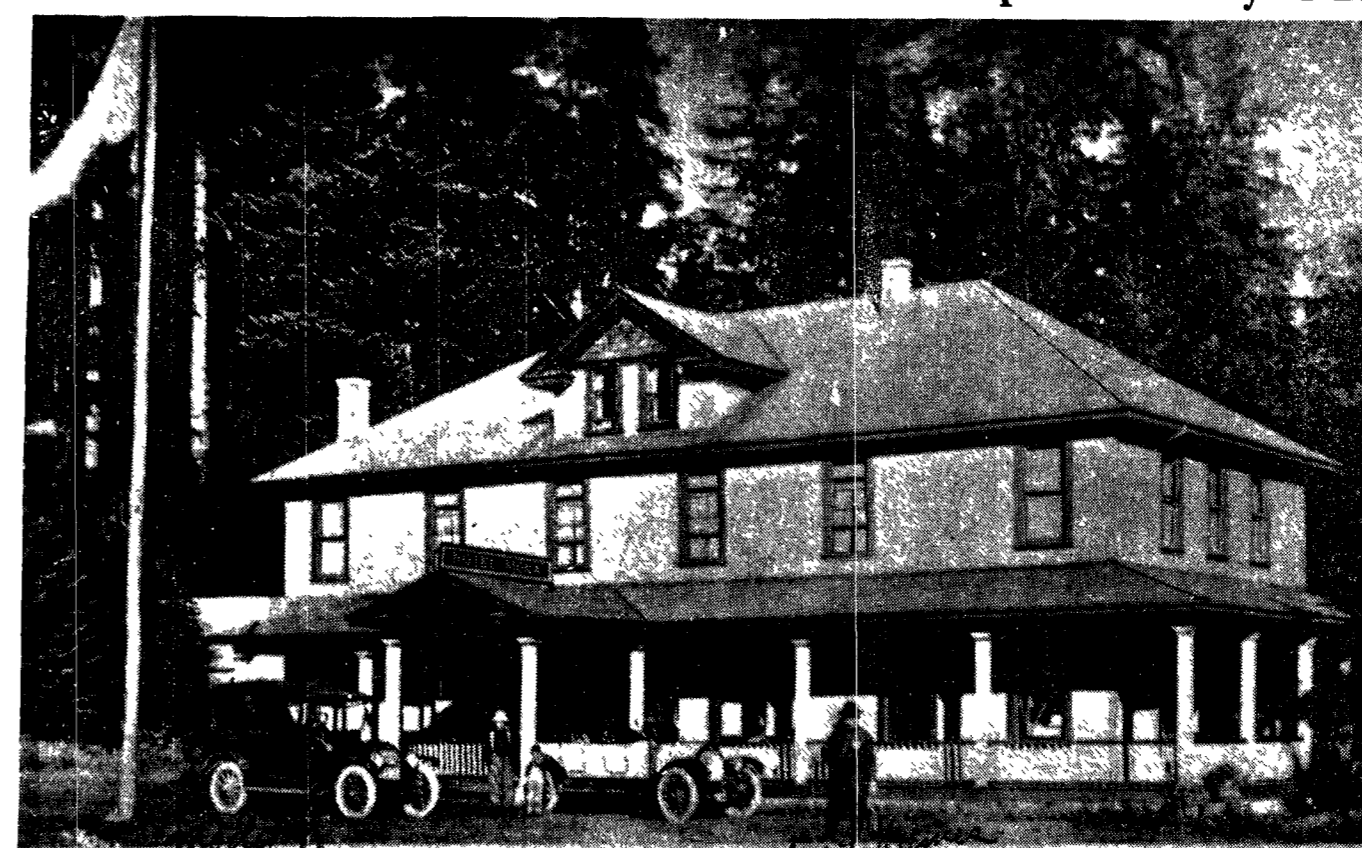


Rafting logs



Loading logs the modern way.

From woods to log dump to mill, the timber industry employs more people than any industry in Washington State.



Mora Hotel, Mora, Wash. U.S.A.

Back in the 1880's, K. O. Erickson came to LaPush area to start a trading post. The Indians helped him clear a space in the great forest along the river across from the reservation. He called it Mora after his Swedish birthplace. Erickson's trading post received its supplies three times a week from schooners anchored offshore. Indian canoes transported the cargo up the river to Mora. In the 1890's a post office was added. The LaPush mail was sent across river by these same canoes. In 1910, Erickson leased his holdings to W. F. Taylor who built a larger store with a post office in it. He lived upstairs as was the custom of the time. Taylors provided food and lodging to travelers in the early wilderness, too.

K. O., as Erickson was called by his friends, sold his property to J.E.L. James, a sea faring man who anchored his life in this area.

facilities, a gas station and cabins. Taylors, meanwhile, built another store downstream at Rialto Beach. In the twenties and thirties, Mora and Rialto became a busy little town with a hotel, dance pavilion, tourist cabins, cannery, store and post office. James continued throughout his life to work for an Olympic Loop route along the coast from Neah Bay to Mora. He thought it would help in sea rescue work. He was very active in the campaign to get better roads to the coastal area, but with the decline of sea trade, the little settlement grew more isolated. Most of the buildings there burned at various times during the thirties, and the Olympic National Park annexed it all in 1953. It is now a very popular camping and hiking area. The campfire circle at Mora Park is built on the very place where James Hotel once stood.

Medicine comes to the West End

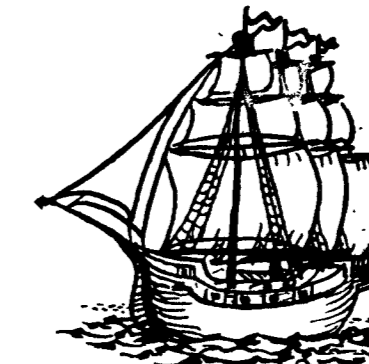
by Lorraine Berg

The earliest known doctor west of Port Angeles, was Dr. Woods of Neah Bay. He had been sent there to help the Makah tribe by the U. S. government. He traveled by motor boat to Clallam Bay, then by buckboard

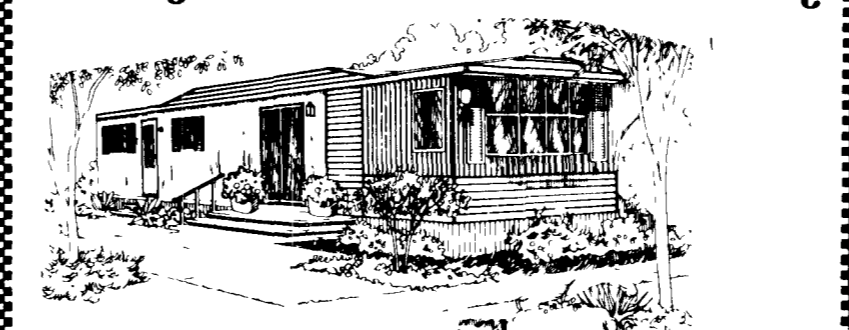
to Forks, Quillayute, Mora and La Push. He maintained this practice until about 1910 or later. In the 1910-1912 period, Dr. Koenig set up a practice in Clallam Bay and Forks.

In the 20's Dr. William Baker came to live in Clallam Bay

along with his wife, who was a nurse. At last the Clallam Bay-Seki had full time medical help. About the same time, Dr. U.S. Ford moved to Forks, making full-time care a reality for the hard-working people of the West End.



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Sappho: frontier outpost



To get to civilization—Seattle or Port Townsend, for instance—stages ran over gravel roads to Lake Crescent. Lake Crescent had a ferry across it then, and a railroad used for hauling logs ran along one side.

Wedding Rock Petroglyphs

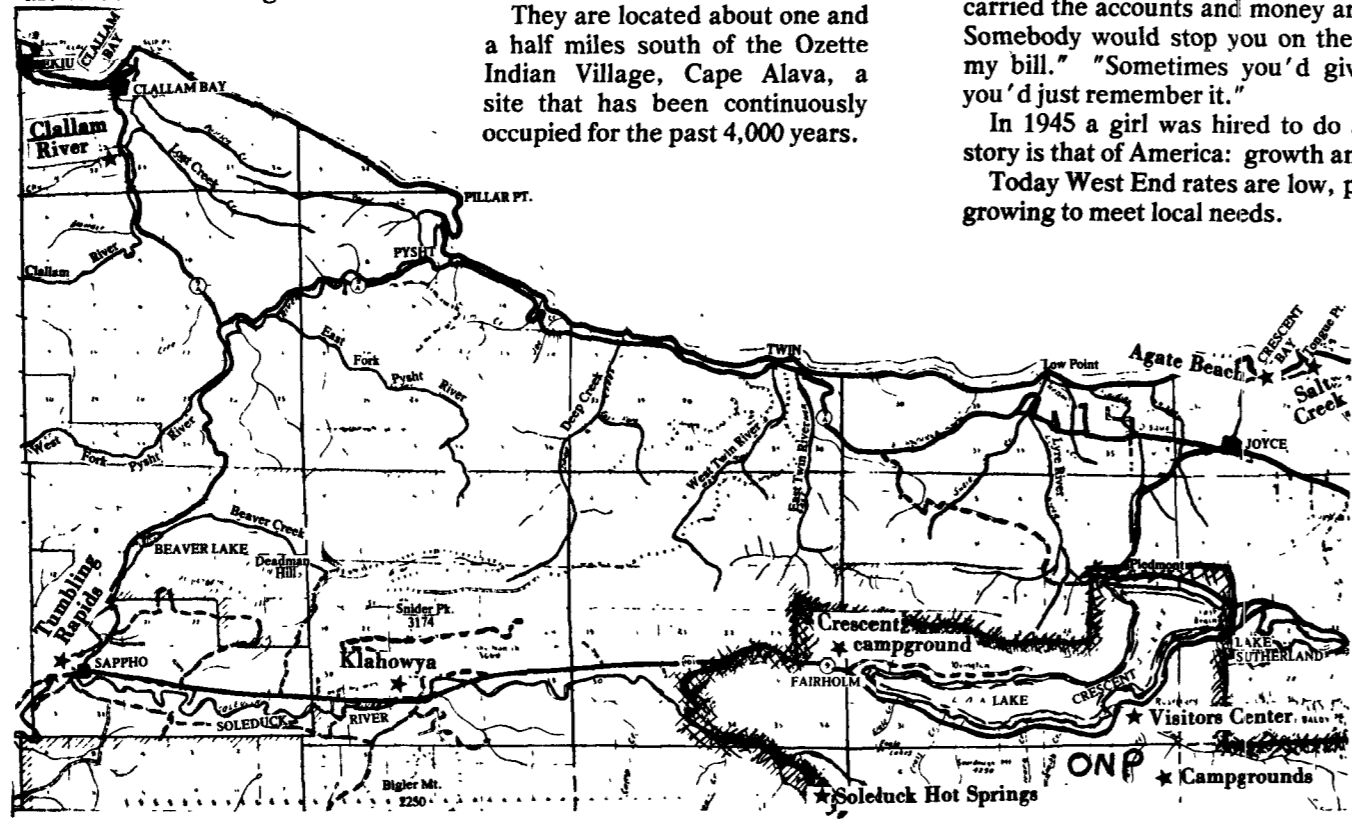
The Wedding Rock Petroglyphs, near Ozette, have been placed in the National Register of Historic Places.

The petroglyphs are some of the finest examples of primitive art to be found along the Wash-



ington coast. The carvings represent fertility signs, wolf clan, hunting figures, faces, boats and whales.

They are located about one and a half miles south of the Ozette Indian Village, Cape Alava, a site that has been continuously occupied for the past 4,000 years.



They turned off the power at 10 p.m.

by Lorraine Berg

When electricity came to Forks via Grays Harbor Railway and Light, it was expensive and part time.

The first generator was in the old creamery behind the Vagabond Restaurant. The juice went to Main Street and a few houses, according to Bob Dudley.

"They turned it off at 9 or 10 p.m. week nights, and 11 p.m. on week end," he said. "Getting them to hook up a house was like pulling teeth."


It was expensive, \$2.00 for 13 kilowatts and 10¢ per kilowatt thereafter.

"We had 237 accounts by the time we moved the light plant over to the present site across from the Union Oil Plant," said Bob. "We carried the accounts and money around in our pockets in those days. Somebody would stop you on the street and say, 'Here's a \$5.00 on my bill.' 'Sometimes you'd give them a receipt but more often you'd just remember it.'"

In 1945 a girl was hired to do accounts. The rest of the P.U.D. story is that of America: growth and improvement.


Today West End rates are low, power readily available and steadily growing to meet local needs.

Smokey Says:

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Heavy equipment repair: tractors, cats, trucks, loaders, also welding and wrecker service
Forks 374-5287

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Show time 7:00 p.m.
Best in Entertainment

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FOR U.S. WASHINGTON
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Hiking Safely


- Swollen streams are dangerous!
- If you must cross a stream or river, be sure of conditions and cross early in the morning.
- Rope up and release waist-strap of your pack.
- Don't cross alone!
- Use caution along all streams. Water polished rocks are slick.
- ...inform someone of your plans to explore.




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Funks Mobile Homes
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Crispy fried chicken by the box, bucket or barrel

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Everything for your needs.
Featuring Warren Electric Winches with "Power in & Power Out"

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Elk Creek Cedar
Calawah Way in Forks




R.M. Davis Cutting
Owner: R.M. Davis
Bear Creek




Fern Hill Shake
Owned & Operated by Dave Wasankari




Fair Shake Inc.
Winney Construction Co. and Jack Banner
Mill Creek in Forks




Gaydeski & Thayer Inc.
Lawrence Gaydeski & Cliff Thayer



Hinchen Bros. Shake Co Inc.
Terry D. Hinchen
Clifford E. Hinchen



Simons Shake
Roy Simons, owner
Shuwah




The Shake Industry: Turning



photo by Betsy

L.P.II
owner
Walt McCoy
on Russell Rd. Forks



D & R Shake Products
Dale Raben & Harrison Davis, Jr.
Snyder Road N 101

Prairie Cedar Products, Inc.
Sawed Shakes & Ridge
Quillayute Prairie
374-5579

G & L Shake Co, Inc.
on the Lower Hoh



Newton Cedar Products

The story of Newton Cedar Products is the story of many shake-mills in the West End, where hard work and luck have combined to spell success.

Like most mill owners, Harold Newton started by working 12 years in mills in the Longview-Kelso area gaining experience.

By 1963, the cedar was getting scarce down there so he and Alma and their sons, Harold Jr (Skip) and Victor, moved to the Forks area. He started working for Highland Cedar run by Loren Meyers (later it was sold to Shakertown).

After a year or two, the Newtons started their own little cedar operation-a taper machine on the Bogachiel River road near Dave Allen's mill.

They added a saw, and finally bought Harold Gunter's mill on Calawah Way in Forks.

They added their own saw to the two already in the mill and have been adding ever since. Now they run 2 shingle machines to use the rough or too short wood.

Harold also has a Mity-Mite lumber saw in back of the shake mill operation.

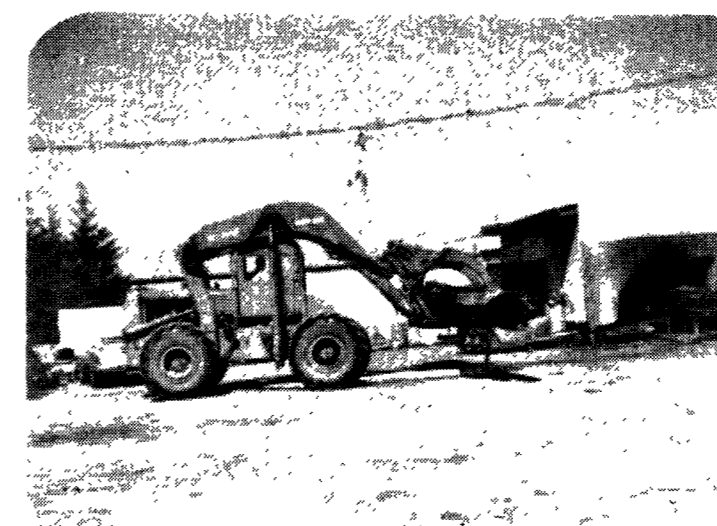
The years he spent as a millwright and welder has paid off-all the metal construction in the mill was done by him.

Harvey Hoffman, the foreman, has been with them from the start and Newtons are quick to give him credit for his help.

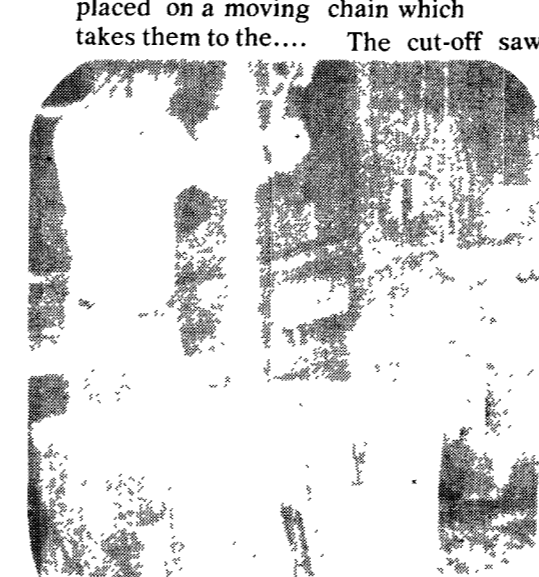
Every business needs a book-keeper, and Helen Wandke is on the job.

wasted logs into roofing

photos courtesy of Harold & Alma Newton



Logs are taken from the yard and placed on a moving chain which takes them to the... The cut-off saw



The 24" bolt are split with a hydraulic or air powered splitter



Blurring hands demonstrate the speed of a shake sawyer as he saws the cedar board in two lengthwise pieces-ready for a roof

M.R.Smith Shingle Co
Shakes & Shingles
Lake Pleasant
Beaver 327-3515

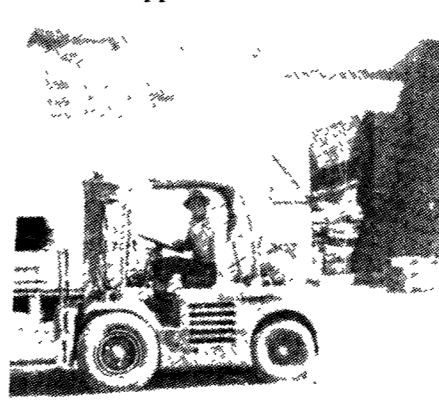
Shakecutters Luck

by Lorraine Berg

Did you ever cut shakes out there in the swamp?
Cold wind and rain whip down from the sky
You're waist deep in water, so cold you could cry
Runnin' your saw till the mud makes it die.
File out the chain, adjust the sprocket
Crank the thing up, it takes off like a rocket.
But where is your foe? and where is your mallet?
Are they down at the mill under a pallet?
Or did some sneaky thief steal them out of your truck?
If he did, oh well, that's shakecutter's luck.

You hunt up a buddy and borrow his tools
Out in the woods, they're precious as jewels.
Back in the ooze and your water soaked log
Buried for centuries in the deep cedar bog
Dig up the treasure, just like a miner,
Carve up each slab, like steak in the diner.
Cut it in wedges just right for the mill
Try not to think of the helicopter bill
It's better than packin' them out on your shoulder
But waitin' for copters can sure make you older.
So back to your work in the sledge and the muck
I'm sure you can make it with shakecutter's luck.


The finished cedar shakes are packed in a frame, 9 rows deep, then banded with steel to be shipped to a roofer....



Harold Newton, in his forklift, prepares to load shake bundles into a semi to be hauled to California, Nevada, and Hawaii.

Gunter Shake
Owner Harold Gunter
on Russell Road


Hoh River Cedar Products, Inc.
Dean Hurn, owner
Shakes & Shingles
At Beaver



Grizzly Shake Co
Owned by
Claude Clark,
Bob Gourley,
& Brian Fitts




Red Cedar Shake Inc.
Craig "Bing" Smith
and
Harrison Davis



Berg Shake, Inc.
Hartley Berg, owner
Calawah Way

Forks Shake Company
Edgel Mullins
Jim Blankenship
Hwy 101 N of Forks



Eagle Bay Cedar
Jim Bacigalupo
at Snow Creek



This small magazine is dedicated to the wonderful people of the West End, to the memory of the fine people who pioneered the area and to the businesses who have sponsored this magazine.

Please thank them with your patronage.

And tell them you appreciate their support.

We do.

Sincerely,

Hartley & Lorraine Berg and the staff



Eagles: endangered, but surviving

WASHINGTON STATE/WINTER-SPRING 1976

THIS BIRD IS LIKE no other: imperious, aloof, immense. You can see him from a distance resting immobile in an Autumn-bared cottonwood, firmly anchored by a spread of talons as large as a man's hands. In flight he's beautiful, his brilliant white tail and mantle — the hard-won markings of an adult — buffeted by the wind as his seven-foot

wingspan buoys him like a great, dark glider. And if you watch long enough, you may even catch him at his precise aerial acrobatics, diving from a mile up, reaching speeds of a hundred miles an hour on close-held wings. This is a bird that stirs passions, but not always to his benefit or, regrettably, to our credit.

Indeed, the American bald eagle has enjoyed more abuse than honor in its nearly 200-year reign as our national symbol.

From the earliest days of American settlement, when these shy giants thrived all across the country, their numbers have steadily succumbed to the advance of civilization. Over the years they have been trapped, shot, and poisoned in wholesale lots, in spite of their protection by an act of Congress. Their nests are robbed by egg collectors and dead eagles themselves are sold on the black market, their feathers and polished talons fetching handsome prices, especially from those with a faddish interest in Indian ceremonial paraphernalia.

The last stand But that's not all. There are reports that the number of eagles being hatched has declined by as much as 96 percent in some sections of the country. These declines have been traced to the accumulation of high levels of noxious hard pesticides in the eagles' diet, which work chemically to weaken the shells of their eggs.

Today, bald eagles have been completely driven out of 27 states, predominantly in the South and East. And in most of the states where they still sur-

vive, they've been shunted into isolated pockets where token populations are making a last stand

June

1976

TIDES

Day	HIGH TIDES			LOW TIDES				
	Time	FL	PL	Time	FL	PL		
Mo 1	3:23	2.2	4.51	6.2	10:39	-0.7	10:53	2.4
Tu 2	4:25	2.1	5:52	6.4	11:18	-0.3	11:39	2.3
We 3	4:55	4.8	6:22	6.5	11:38	-0.2	12:03	4.2
Th 4	5:56	6.4	7:08	6.8	12:33	2.1	12:59	6.2
Fr 5	7:04	8.0	8:03	7.1	1:33	1.8	1:42	8.6
Sa 6	8:18	8.8	8:55	7.4	2:31	1.5	2:43	1.6
Su 7	9:28	8.7	9:56	7.8	3:40	0.7	3:43	1.3
Mo 8	10:28	8.9	10:42	8.1	4:45	-0.1	4:45	1.5
Tu 9	11:43	8.0	11:35	8.4	5:42	-0.8	5:44	1.6
We 10			12:47	8.2	6:37	-1.4	6:39	1.6
Th 11	0:28	8.5	1:45	8.5	7:27	-1.8	7:32	1.6
Fr 12	1:17	8.5	2:36	8.6	8:15	-2.0	8:24	1.6
Sa 13	2:06	8.3	3:27	8.6	9:01	-1.9	9:13	1.6
Su 14	2:55	8.0	4:16	8.7	9:46	-1.7	10:02	1.7
Mo 15	3:43	7.5	5:04	8.6	10:31	-1.2	10:50	1.7
Tu 16	4:32	7.0	5:42	8.6	11:15	-0.5	11:40	1.8
We 17	5:21	6.5	6:25	8.6	11:59	-0.1	12:45	6.5
Th 18	6:14	5.9	7:09	8.6	12:43	0.3	1:34	1.9
Fr 19	7:12	5.5	7:55	8.7	1:26	1.1	2:19	1.8
Sa 20	8:15	5.2	8:40	8.8	2:25	1.6	3:24	1.8
Su 21	9:19	5.1	9:27	7.8	3:25	1.8	4:19	1.8
Mo 22	10:22	5.1	10:13	7.1	4:19	2.0	5:16	2.1
Tu 23	11:20	5.2	10:59	7.3	5:10	0.4	6:10	2.2
We 24	12:15	5.5	11:44	7.4	6:00	0.1	6:52	2.2
Th 25	0:26	7.5	1:05	5.7	6:50	-0.5	6:53	2.2
Fr 26	1:18	7.5	1:56	5.6	7:39	-0.8	7:46	2.1
Sa 27	2:08	7.5	2:33	6.1	8:17	-1.1	8:27	2.1
Su 28	2:56	7.4	3:11	6.6	8:55	-1.1	9:07	2.1
Mo 29	3:44	7.4	3:48	6.8	9:31	-1.1	9:41	1.8
Tu 30	4:31	7.3	4:28	6.8	10:17	-0.9	10:36	1.7

Antlers Restaurant and Shake Room

- Steaks
- Sea Food
- Dance to
- Live Music
- Friday and Saturday

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GOOD INSULATION SAVES ELIECTRICITY

Summertime... when there's no snow blowing...is the ideal time to check your home, and install needed additional insulation. While the weather is nice, you may wish to caulk around windows and install storm doors, too. Heating the outdoors doesn't make sense, and adequate insulation will make you and your family more comfortable.

CLALLAM COUNTY Public Utility District No. 1

Commissioners: A.E. Fletcher, Pres., Wm. McCrorie, Vice Pres., Russell Boyton, Sec. Service Centers: Sequim, Port Angeles, Forks, and Clallam Bay