

Buick Four Conquers Snow And Mud to the Yosemite

Motorists who take the long trips into the mountains to spend their vacations during the summer and fall season when the roads are in good shape, can readily appreciate what it means to have to fight through snow and mud to reach Yosemite Valley.

When the Buick four-cylinder car was piloted by the crew from the Howard automobile company in the midst of the worst snowstorms and over roads which were so heavily covered with snow that only the trees acted as landmarks for the sides of the winding road in the higher altitudes, there practically wasn't any road.

However, inasmuch as the Buick was awarded the first permit by Chief Ranger F. S. Townsley for having been the first automobile to reach Yosemite valley this year under its own power, the hard-working, nervous crew which had manned the little car in its battle with the snow, mud and elements, were very much elated.

After having been officially checked-in at the United States government's office, the Buick was driven to Camp Curry, where Mrs. David A. Curry and her assistants greeted the

boys and officially awarded them the Camp Curry trophy for being the first car to travel over any of the authorized automobile roads into Yosemite valley.

The ordinary driver feels that in making one of these long trips he is subjecting his car to a severe test in scaling the precipitous grades and skillfully steering his car around the many sharp turns in the roads which winds around the series of mountain ranges which separate the San Joaquin valley from the famous Yosemite National park.

The four-cylinder Buick which this year won the Camp Curry cup probably was called upon to do more difficult feats than any car was ever asked to perform in making this strenuous run into Yosemite. It was a test for the motor, the carburetor, the ignition system and the mechanical construction of the car. Fred Gross, one of the most expert drivers and ignition men on the Pacific coast, who was a member of the pioneer crew which managed to safely land the Buick in Yosemite ahead of all other competitors, states that not once did the valve-in-head motor fall in its fight to reach the summits of the Sierra-Nevada mountains.

In Ye Olde Home Towne



DID YOU KNOW THAT---

Only 13,574 plants employ over 100 workers?

There are 261,553 women farmers in the United States?

Seven thousand people were killed at grade crossings in 1921?

It's not candle-power or horsepower, but brain power that counts?

Motorists pay an average of \$34.67 each in various forms of taxation?

Automobiles are replaced with new ones on an average of every five years?

From 1879 to 1915 the volume of all businesses increased over 300 per cent?

France's exports of automobiles in 1921 was 19 per cent greater than in 1920?

Firestone sales to tire dealers in 1921 were larger than the peak volume in 1920?

The U. S. bureau of mines has succeeded in producing fuel from ordinary straw?

The latest accessory is a kind of a whistle that gives warning when the gas tank gets low?

Passenger cars play an important part in relieving housing conditions in the large cities?

Only 1 1/2 per cent of the people in the United States have incomes over \$3,000 a year?

The world's cotton production for 1921-1922 is nearly 5,000,000 bales less than in the previous year?

Seventeen thousand miles is the average service car owners put their automobiles to in three years?

There are now operating in England a number of motor buses equipped with all club conveniences?

In England there are 600 motor trucking companies carrying freight for distances of 100 miles or more?

Seventy per cent of automotive dealers interviewed by a farm bureau report their business better than last year?

Ten years ago the annual production of automobiles in this country was 181,000, and today the capacity is 2,750,000?

A Singapore man claims to have invented a process whereby rubber can be used commercially without vulcanization?

Ninety-seven per cent of the total investments in the Mexican oil industry is held by foreigners, mostly Americans?

The continent of Asia, nearly six times the size of the United States, has only one-fourth the railway mileage of this country?

The production of cotton in the United States for 1921 was one-half less than the 1914 crop, which amounted to 16,000,000 bales?

A car owner of Yuba county, California, while backing up his car on

account of a blowout, discovered a good-sized gold nugget?

Onasote is a new form of rubber sponge, three times lighter than cork, a non-conductor of heat and cold and impermeable to water?

A medium size tractor with four-pow bottom can turn 13 acres per day. The old hand-plow and horses could handle 2 1/2 acres if they stuck close to it.

The national winner of the 1921 Harvey Firestone scholarship, selected from 300,000 high school contestants, was a 15-year-old sophomore, Miss Garland Johnson, of Bridgeport, W. Va.

THE AUTOMOBILE

TWO decades ago the horseless buggy was in its experimental stage. The sound of the exhaust of the gas-propelled vehicle brought the whole family to the window to see the new contraption go by, says the Grants Pass Courier, and it was a common cause for hilarity when the driver would have to "get out and get under," for the engine was not the perfect thing that it now is. Twenty years have witnessed wonders in the perfecting of the automobile. It has become almost fool proof, and the exercise of common care makes it practically certain in its action. When trouble occurs, it can ordinarily be traced to carelessness or inexperience on the part of the operator. The automobile has changed the entire trend of industry. From it the present system of highways has developed, and transportation has been revolutionized. It has become a necessity where only a single decade ago it was considered a luxury.

With the development of the automobile, the development of the tractor has kept apace, and farm work has met as great a change as has transportation. The wheeled horse has taken much of drudgery from the farm, though it seems that the era of the tractor has only opened.

The development in the automotive line that can be anticipated during the next 10-year period will no doubt be in the fuel supply. Internal combustion engines may give way to propulsion by electrical or other energy obtained direct from nature's laboratory. Some day gas manufactured from petroleum, will have to give way, and the need of the occasion is always met.

Automobiles in Canada carried nearly 250,000,000 passengers in 1921.

NEW YORK POLICE HAVE MANY AUTOMOBILES

Seventy-two high-powered passenger automobiles are operated by the police department in 72 precincts of New York, to rid the city of all persons, ex-convicts and others, suspected of violence or of crime. Each of the police cars will

be constantly on patrol. A sergeant and six patrolmen, heavily armed, will be assigned to each machine, with a change of shifts every eight hours. At night the automobiles will be equipped with search lights.

Special motor vehicle taxes, federal and state, in 1921, are said to have totaled \$228,759,000.



BROADWAY AT STARK PORTLAND, ORE.

Its convenient location in the heart of the city's activities—and its proximity to the Shopping and Amusement centers during the Holiday Season, is merely another of this famous hotel's attractions.

OYE Oregon smile

ARTHUR H. MEYERS MANAGER

NO GASOLINE SHORTAGE FOR THIS SEASON

WASHINGTON, D. C., May 20.—The nation's gasoline stock is still increasing and had on April 1, passed, by some 47,000,000 gallons, the high record mark of 807,000,000 gallons reported in storage March 1, according to a statistical summary just issued by the bureau of mines. Stocks of 854,232,000 gallons were on hand April 1, a supply 20 per cent greater than for April 1, 1921, and 28 per cent greater than for April 1, 1920.

The number of operative refineries in the United States increased from 296 to 306 during the month of March. The daily average amount of oil run through the stills was 1,390,000 barrels, an increase of 23,000 barrels in the daily average over the preceding month. The refineries' operation show a 79 per cent indicated capacity, this being an increase of 3 per cent over the month of February.

Domestic consumption of gasoline for the first quarter of 1922 shows an increase of 7 per cent over the first quarter of 1921 and 25 per cent over the corresponding period in 1920.

Kerosene stocks decreased 10,000,000 gallons during March. Present stocks of kerosene are 125,000,000 gallons less than a year ago; production for the first quarter was less, and exports and domestic consumption were greater.

Present stocks of gas and fuel oils are 1,250,278,000 gallons, a decrease of 71,000,000 gallons as compared with the February reserve. Comparison of the first quarter of this year with a similar period last year shows an increased production of 140,741,000 gallons and an increased domestic consumption of 458,235,000 gallons. Exports and shipments to insular possessions were 68,594,000 gallons less the first quarter this year than last.

The production of lubricating oils showed a daily average decrease of 101,000 gallons, and reserves were reduced to the extent of 16,700,000 gallons during the month; the present reserve being 236,886,000 gallons.

AUTO TIPS

- Obey the speed laws.
- Study and remember the traffic regulations.
- Inexperienced drivers should remain out of the congested district.
- Always give signals clearly and as far in advance as possible.
- Be courteous toward other drivers.
- Do not try to steal the other fellow's right of way.
- Give the drivers of heavily laden trucks a chance.
- Don't jam your car into maze of traffic; leave room for cars to move out of congestion.
- Don't speed at intersections or pass street cars or vehicles at intersections.
- Keep brakes in good condition.
- Don't turn around when driving to talk to other occupants of car.
- Don't cut directly in front of a car after passing.
- Pass around traffic buttons; do not cut to left of them.
- Do not attempt to pass cars in tunnels; do not sound horn when traffic is halted in tunnels. It will only cause confusion.

Rear Axle Leaks

Oil works out of the rear axle at the right rear wheel more often than at the left wheel because of the oval shape in which roads are constructed, sloping from the center toward curb or ditch at each side. The car being driven at the right side of the road causes the right wheel to travel at a lower level than the left wheel, consequently oil that is too thin or which leaks from the axle from lack of washers or other obstruction in the axle will run to the right end where it works out on the brakes, spokes, rim and tire. The shape of the road cannot be altered, but leaking oil can be by proper attention.

Uncle Eb, He Says—

—the crying need in automobiles which some mechanical genius is bound to meet and acquire a fortune thereby, is an extra set of durable footbrakes, in front of each seat. They needn't necessarily connect with the wheels, but they'll keep nervous wives from pushing the floor out of the car.

RECOUNTING RIMS

When remounting a rim do not tighten one lug to the fullest extent, but tighten each lug a little at a time, until all are snugly in place.

Winning Women's Olympic Hurdle



Miss A. Wright of England, left, going over the last hurdle in the 74-meter race in the Women's Olympic at Monte Carlo. She won by two yards from representatives of Belgium, France and Italy.

HUDSON

See Its New Motor

a ride tells all

No Advance in Prices

At the height of success, Hudson adopts a new motor. No car has had a more famous motor than the Super-Six. More than 125,000 owners know its performance. Its reliability in long, hard service is outstanding.

Then how great is the new motor to warrant a change at this time

All the patented advantages are retained in the new Super-Six motor. Without them the improvements would have been impossible. Even Hudson owners marvel at the change. Discover the difference. You must know the latest in motor performance, and you will like the new Hudson in other advanced details. Come drive it. You will be surprised.

Phaeton	\$1695	Coupe	\$2570
7-Pass. Phaeton	1745	Sedan	2650
Coach	1795	Tour. Limousine	2920
Cabriolet	2205	Limousine	3165



F. O. B. Detroit

Acme Motor Co.

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