

OUT-OF-DOORS SECTION

Automotive Information

Automotive and Building News of Interest Locally

Talk of the Road and News of the Day for Motorists and Outdoors folk

The OREGON STATESMAN, Salem, Oregon, Sunday Morning, December, 1929

PAGE THIRTEEN

70 AIR LINES SERVE CITIES

8000 Planes Now Used in Civil Flying, Figures of AAA Show

WASHINGTON, D. C., Dec. 14.—With approximately 70 passenger air lines serving virtually all important cities, aside from air mail and express operations, aviation has gained a strong foothold in the field of transportation, according to the Air Travel Division of the American Automobile association.

"This tremendous development in aviation has largely been brought about through increased air-mindedness," says the A. A. A. Air Travel Division, "and the airplane-miles scheduled daily for all services now averages 86,342 miles.

"In order to accommodate this air travel, airports are being established in all parts of the country. At the present time there are 468 commercial and 442 municipal airports, while more than 1,000 are proposed in various sections.

"There are now approximately 8,000 planes in civil operation in the country, and the growth of aviation can easily be seen from the fact that this represents an increase in number of 200 per cent since Lindbergh spanned the Atlantic, early in 1926. Handling these 8,000 planes are more than 10,000 approved pilots. In addition, the Department of Commerce has approved approximately 25,000 student permits."

The A. A. A. pointed out that affiliated motor clubs in all parts of the country, in keeping with the national program of an all-inclusive travel service, are establishing Air Travel Divisions. These agencies have joined forces with municipalities to promote airports; are conducting air tours to stimulate travel, and assist members in arranging for transportation by plane.

"Within the past few days," says the statement, "the Department of Commerce, which is in charge of civil aviation, has announced an arrangement with the A. A. A. for the distribution of air maps and information regarding aviation. Thus, the federal government has officially recognized the part of the A. A. A. Air Travel Division is playing in the promotion of this great field of transportation."

The statement continues: "Although there are a few sections in the country not served by plane, there is hardly an area untouched by an official or proposed airway. There were 36,293 miles of airways operated on August 1, and the mileage is being gradually extended.

"The important phase of air travel is the time saved through quick transportation and the cost is considered on this basis. A man whose income is \$5,000 a year or more can not afford to fail to make use of the facilities of air travel as they are offered throughout the Nation today, according to one official of an important air transport company. As proof of his contention he declares that all-rail travel from Chicago to the Pacific Coast requires 62 hours, whereas the same trip can be made by air-rail in 24 hours, with a clear saving of 38 hours.

"A man whose salary is \$5,000 a year is worth roughly \$2 an hour," says the passenger agent. "Saving 38 hours in transit he

RECENTLY IN SALEM



This unique automotive contrivance is a "locomotive-train," now on a tour of Pacific Coast points in motion picture exploitation work. Here it is pictured taking aboard a supply of Violet Ray anti-knock gasoline, its "motive power."

Proof that the unusual always attracts attention is being furnished to thousands on the Pacific Coast by a coast-wide tour following a transcontinental journey from Indianapolis, of what is perhaps the most unique automotive creation in the country—a special creation built for Paramount Pictures at a cost of \$25,000, and constructed in the form of a combination locomotive-observation coach.

Dubbed the "Entertainment Special," this is the newest form of exploitation car to appear. It is powered with a special straight-

eight cylinder motor of 125 horsepower, capable of speeds up to 75 miles per hour, has a four-speed transmission, air pumps for its combination hydraulic-air brakes, and a lighting system unlike any other in use by automobiles today.

The Paramount Entertainment Special is the most unique customer being served by General Petroleum Corporation with its Violet Ray gasoline and Parabase motor oils. Both products were decided upon for its coast-wide tour, which will cover the entire Far West.

It is one of the many forms of advertising used by Paramount and the great chain of Publix Theatres.

Parked in a downtown street, the car immediately attracts a throng of people, who are entertained with radio broadcast pick-up through a receiving set built into the coach section of its body, and by amplifying phonograph reproducers, also a part of its equipment. The locomotive coach is under the care of J. T. Ingram, who drove it west from Indianapolis.

KEEP ROADS OPEN IN WINTER MONTHS

States Prepare for Snow Removal on 160,000 Miles of Road

WASHINGTON, D. C., Dec. 14.—Preliminary reports indicate that more than 160,000 miles of main traveled highways in the 36 states in the snow belt will be kept open and free from snow during the present winter, according to the American Automobile association.

Approximately \$6,500,000 will be expended by states and counties for this extensive program, but it will mean a saving of millions of dollars and return great economic benefits.

"The importance of keeping the highways open during the winter months cannot be overestimated," says the national motoring body. "Although the problem of snow removal is being gradually put on a standardized basis, much remains to be done. Highway builders, however, have in the main learned the economic value of uninterrupted distribution of food, maintaining social communications and keeping the schools in operation."

"When it is considered that 75 per cent of the nation's population or 90,000,000 people are dependent largely upon the open road," says the A. A. A., "the value of snow removal to commence alone is tremendous. It is now estimated that inadequate snow removal causes a loss to the nation's business in a single winter of \$500,000,000."

The A. A. A. statement continues: "There are at the present time practically seventy per cent of the nations registered motor vehicles in the snow belt. This means that on a basis of 17,150,000 motor vehicles registered, with an average value of \$1,000, an investment of more than \$17,000,000,000 in the snow states alone, is dependent upon keeping highways open for winter travel.

"In the snow belt there are more than 325,000 miles of improved highways representing an initial investment of well over \$3,000,000,000, assuming an average cost of \$25,000 per mile. The lowering of the cost of surface repairs is a great factor in the argument for snow removal and it is estimated in one state that there was \$150,000 saved in repairs for every \$50,000 expended in snow removal.

"The mileage of roads kept free from snow is being increased each year as the motor vehicle more and more demonstrates its value in the economic life of the nation. In the winter of 1927-28 a total of more than 117,000 miles of roads were cleared of snow. Last winter the total mileage was around 125,000.

"As an added precaution, there is now 5,196 miles of snow fence erected along the important high-

BACK TRACKING THE AUTO TRAIL

By DAVID J. WILKIE Associated Press Correspondent DETROIT (AP)—If "saturation" ever comes to the automotive industry, in the opinion of some of the leading automobile executives, it will be a saturation of highways rather than of the purchasing capacity of the public.

According to figures of the National Automobile chamber of commerce, the 1928 registration of motor vehicles totalled 31,778,303 units throughout the world. The same source is authority for the statement that there were available for these vehicles 6,582,000 miles of highway.

Street widening programs have been one of the chief problems of city engineers, while widening of state maintained roads has occupied the highway departments of the various commonwealths since mass production developed in the motor car industry.

The answer to the highway problem, particularly within the city limits, is double decked highways in the view of prominent automobile makers and traffic experts.

A look into the future by one pioneer automobile builder envision elevated highways in virtually every city of any size in the United States—and within the life time of many of today's young drivers.

An even bolder look has been made by Charles F. Kettering, one of the world's best known automotive engineers. He predicts safe automobile travel at 100 miles an hour and the day when a gallon of gasoline will yield 80 miles of travel.

"How's the rubber on it?" is a common query of the prospective purchaser of a used car, and the answer invariably refers, as did the question, to the tires.

But tires are only on part of the automobile in which rubber is a vital factor. There are rubber engine mountings; rubber spring ways in the snow states to keep driffts from forming on roadways. Throughout the snow states there are 6,865 trucks, 2,557 tractors and 3,061 graders used in the relentless battle against snow. Operators of these utilities are in constant communication with weather bureau authorities and are prepared to go into action almost as soon as snow begins to fall.

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mountings, fabricated rubber body shims, wire insulations and many other parts using rubber. Much of the comfort of present day driving is due largely to the scientific use of rubber in parts the average motorist does not realize actually exist in his car.

U. S. TIRES GET OREGON CONTRACT

After an exhaustive investigation as to the comparative merits of tires used on trucks, passenger cars and other vehicles in public service throughout the country, Oregon state officials have just placed a contract with the United States Rubber company for the complete tire requirements of its automotive equipment during 1930. The contract, awarded by the State Board of Control at Salem, includes all vehicles owned and operated by state departments.

This is the first time in many years that one manufacturer has been awarded so comprehensive a contract. The action, which was preceded by various tests as well as by a full investigation, was taken, it is said, only after board members had decided that the superior quality of United States tires had been satisfactorily demonstrated. It is asserted by local representatives of the company that public acceptance of its tire products in every part of the country has been greater in 1929 than in any previous year.

An idea of what the contract means may be gathered from a consideration of the status now occupied by Oregon relative to road construction and maintenance. Within its borders are 637 miles of paved bitumen, 108 miles of concrete paving, 112 miles of bituminized macadam and 1098 miles of oiled road. Great progress in highway work has marked the present year, and an adequate program has been mapped out for 1930, embracing new construction, widening, resurfacing and bridge building. Many trucks, road scrapers and touring cars are employed by the state in this work, which is of a character necessarily calling for the best in tire equipment.

METEORS ARE HELD PLANE CRASH CAUSE

PARIS (AP)—Meteors may be to blame for mysterious airplane accidents, strange explosions, forest fires and even bad weather, a noted French authority, General Frederic Chapel, retired, has affirmed in a special interview with The Associated Press.

He is the author of several works on meteors and astronomy and evolved his theory from investigation of many queer occurrences.

Red-hot meteors, or "falling stars," he thinks probably set up electrical disturbances as they slice through space. To illustrate their power he has calculated that a little two ounce meteor, the size of a hazel nut, would travel 39 miles a second when approaching earth and have a force of a 500-ton train.

Meteors, says the general, are so numerous that they often form "bombardments." Most of them go into space or hit other planets but on earth enough arrive to cause accidents such as that at Budapest recently when a Hungarian girl was killed by a meteor on her way to a wedding.

Products of REPUTATION

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"ORGANIZED RESPONSIBILITY" 700 SERVICE STATIONS FROM CANADA TO MEXICO

TIRES COST LESS, COMMODITIES MORE

Consumer Gets Much Better Tire at 60 Per Cent Less Than 1914

Frank Doolittle, local Goodyear dealer, today called attention to some interesting figures, which show that costs of food, clothing, housing, fuel, light and sundries today are 60 per cent higher than in 1914, while the cost of the automobile tire to the consumer is 60 per cent less than in 1914.

"I feel sure that the general public does not appreciate the significance of the government statistics," said Doolittle. "Of course, the purchasing power of the commodity dollar did not experience a toboggan slide to its low level, for there was some fluctuation in certain years, but the trend downward has been in striking contrast with the purchasing power of the tire dollar.

fact, also, that there has been a vast increase in tire mileage in the last 15 years. In 1914 the life of a tire averaged about 4,000 miles. Today the average is over 15,000 miles. So we have the tire of today selling to the car owner at 60 per cent less in price, yet giving an increased service of 300 per cent.

"The government figures on commodities (more than 500 commodities included in the list) show an increase of 55 per cent in food costs; clothing, 67 per cent; housing, 59 per cent; fuel and light, 56 per cent; sundries, 68 per cent, or an average increase of 60 per cent, based on the average for the year 1914.

"Another slant at the picture shows that tires at 60 per cent reduction are 300 per cent better, while commodities at a 60 per cent increase remain practically the same as they were 15 years ago.

SAN CESAREO, Italy.—(AP)—Cardinal Vannutelli, dean of the sacred college, despite his 92 years, journeyed here from Rome to confirm a class of 67 children. After the ceremony he went aloft to inspect the youngest's gardens.

BOYCOTTS HANDICAP TRADE IN PALESTINE

JERUSALEM (AP)—Fundamental economic changes have developed in Palestine in the wake of the Jewish-Arab disorders of August.

The Jews have boycotted the Arabs and the Arabs have boycotted the Jews. An official Boycott Commission has been set up to investigate the situation and see if trade can be reestablished.

Two important results of the situation are the increased prosperity of Jewish dealers and lowering of the unemployment figure. The Zionist Executive announced that there are only 230 unemployed Jews in the whole country as compared to 1,300 last March.

The patronage of only Jewish industries by the Jews has given a great boom to Jewish agriculture. Great supplies of fresh dairy and truck products are coming into Jerusalem daily.

The sole Jewish cigaret factory has had a tremendous increase in orders.

WOULD YOU... BELIEVE IT?

WE NOW OFFER YOU THE LOWEST PRICED SEDAN IN THE WORLD

If you doubt it ASK... Salem Automobile Co. 435 N. Com'l St. H. E. SHADE Telephone 97 H. J. WOOLEY Telephone 66 North Commercial at Center Telephone 66 COMPLETE SATISFACTION WITH EVERY TRANSACTION

DON'T WALK... RIDE IN A CAR

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FROM BUY WITH SAFETY

VALLEY MOTOR

Best Values This Week

1928 Ford Model A Sport Coupe	\$550.00
1928 Chevrolet Coupe	\$415.00
1926 Essex Coach—as is—	\$100.00
1926 Ford Coach	\$200.00
1925 Willys Knight Sedan	\$350.00
1925 Overland 4 Coach	\$150.00

Valley Motor Co

Corner Center and Chemeketa Tel. 1995

Trade your tires that Slip for tires that Grip!

Those smooth-worn treads mean skidding—possible crashes, damage or injury.

Why risk it—when you'll buy the mileage left in your present tires?

We'll give you, instead, new Goodyear All-Weathers—the ONLY tires with those big, deep-cut, sharp-edged cross-blocks IN THE CENTER. They grip like "cleats." Twenty winters have proved the All-Weather the safest and best non-skid tread. Far superior to treads with shallow indentations that clog up, or to treads with nothing but "sled-runner" ribs down the center.

Lowest Prices in 31 Years Highest Quality in History

Lifetime Guarantee against any and all defects

All-Weather Balloons

20 x 4.40	\$6.25
30 x 4.50	\$9.20
30 x 5.00	\$11.35
31 x 6.00	\$15.45

All other sizes at similar low prices

Test it Yourself

Press down on the tread of the GOOD YEAR New All-Weather. Balloon it grips your hand just as it grips the road.

The UTMOST IN TRACTION AND SAFETY FOR ALL ROADS

GOOD YEAR

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(Master means all heads under one control)

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