

Umatilla, Moro, Gilliam Water Supply Adequate

Hermiston — Farmers irrigating land in Umatilla, Moro and Gilliam counties can count on adequate water supplies this summer, according to reports issued at the annual water forecast meeting here.

Manes Barton, water supply forecaster for the Soil Conservation Service and Oregon State College agricultural experiment station, said March weather brought excellent increases in snow at middle and high elevations in the area and that water content of the snow on watersheds in the three counties now measures 108 per cent of average.

Excellent Runoff
Watersheds at lower elevations in the counties are still without snow, he said, which means the flow of smaller streams may fall off "a little earlier than usual" unless summer rains are heavy.

Measurements at four electronic soil moisture stations high in the watersheds indicate the soil under the snow packs is wet below the four foot level. Barton said this should favor an excellent runoff of water as the snow melts. Reservoirs in the area are also in "good shape," he said. Cold Springs reservoir is full and McKay reservoir holds more water now than is normal for this time of year, he added.

Bill Bierman, Umatilla county extension agent, emphasized that although there will be average amounts of water for irrigation this season farmers should use water as efficiently as possible to "make better use of fertilizers applied."

Small Craft Has Varied Lines

A small rowboat for cartop transportation, a dinghy for use as a tender for a larger boat or a safe skiff for the youngsters in the family—all these are available in the 1958 lines of small craft offered by boat builders.

These small boats will be found in varying designs and materials to suit almost any need. There are aluminum prams, molded plywood dinghies, planked skiffs and fiber glass boats for rowing or small outboard motors, as well as inboard-powered water scooters by English, Italian and American builders.

The popular fiber glass reinforced plastic Dyer's dinghies make excellent tenders for cruising sail and motor boats or rigged with small lugsails make smart little sailers, called dhow by the Warren, R.I. builder.

Duratech Manufacturing Company of Peekskill, N.Y., turns out a line of aluminum prams ideal for cartop transportation, as well as its outboard runabout line. These small craft perform well with the smallest outboard motors and respond easily to a pull on the oars.

A new company, Norwegian Moulded Shapes, Inc., of Rockport, Me., is offering molded mahogany boats including a 10-foot rowing dinghy and a 16-foot canoe. The Alcock Manufacturing Co., of Ossining, N.Y., manufacturer of "Havaheart humane animal traps," is featuring two old time Adirondack guide boats in modern fiber glass construction to interest fresh water fishermen.

Oregon State Hires Dairy School Head

Corvallis — Dr. James C. Miller, present dean of the school of agriculture at Texas A&M has been named as the new head of the dairy and animal husbandry department at Oregon State college.

Dr. A. L. Strand, president of OSC, said that Dr. Miller's appointment was subject to approval by the State Board of Higher Education.

The departments of dairy and animal husbandry were combined at Oregon State last July upon the retirement of P. M. Brandt, then head of the school's dairy department. Dr. I. R. Jones, professor of dairy husbandry, has served as acting head of the combined departments.

Dr. Miller is current president of the American Society of Animal Production.

USEFUL INFORMATION
Syracuse, N.Y. — Members of the central New York chapter of the American Society of Heating and Air Conditioning Engineers traveled through a blinding snow storm to hear Harold S. Ryan explain how to keep warm in winter.

A timber company in the Pacific Northwest is now seeding timber land by helicopter. In one month 17,000 acres of land were seeded in 75 hours of flying time.

Artificial Respiration Method Declared To Be Unsatisfactory

By DELOS SMITH
United Press Science Editor
New York — Artificial respiration as it is now taught to and practiced by laymen can't save lives in the majority of cases, and should be replaced at once by a method which will work.

Airway Not Open
These were the conclusions of three scientists after extensive experiments involving 25 unconscious persons and the efforts of 167 untrained persons to revive them. They reported their findings in the New England Journal of Medicine.

The artificial respiration methods now taught to beach guards, in Red Cross first aid courses, to Boy Scouts, and others are the chest-pressure, arm-lift or the back-pressure, arm-lift techniques.

"Under field conditions," the scientists found, they don't work in most cases because the airway of the unconscious person is not kept open.

Oldest Method
The method which will work is the mouth-to-mouth way. The rescuer clamps his mouth over the mouth of the unconscious person near death from air lack and forces his

own breath into that person's lungs.

It is the oldest known method of artificial respiration and is described in the Bible. The scientists assumed it isn't used because of a rescuer's "hesitancy to touch with his mouth the mouth of a moribund (dying) patient."

To overcome that objection, the scientists devised a combined metal airway and mouthpiece which can be carried about in the pocket. The airway end is inserted into the unconscious person's throat, which leaves the

mouthpiece projecting from his mouth. The rescuer then takes the mouthpiece into his mouth and forces his breath through it.

The scientists are Drs. Peter Safar and Lourdes A. Escarraga of the Baltimore City hospitals and Dr. James O. Elam of the University of Buffalo, N.Y., School of Medicine.

Not Enough Hands
The big trouble with the presently used artificial respiration methods is that they require both hands of the would-be rescuer and he has no hand with which to pre-

vent a kink in the airway, even if he knew how.

To keep the airway open, the head must be kept extended. To do this, two hands are needed. They hold the unconscious person by the jaw bones, just beneath the ear lobes and pull outward.

Officers Checking On Theft Of Pipe
Asshland — Sheriff's officers are still investigating theft of conduit electric pipe valued at \$500 which was stolen sometime last week end from the Commons building at Southern Oregon college, according to the owner, Steek Electric company.

But in the mouth-to-mouth method or the mouth-to-mouthpiece method, the rescuer has two hands with which to keep the unconscious person's head extended—and his airway open.

NO MALICE
Tyre, N.Y. — Forgiveing Justice of the Peace Axel J. Walters for stealing five-gallons of gas from him.



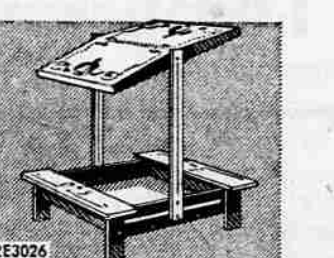
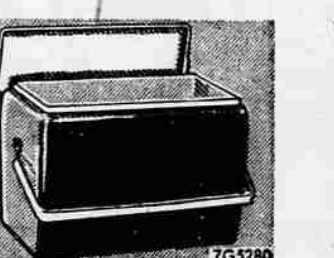



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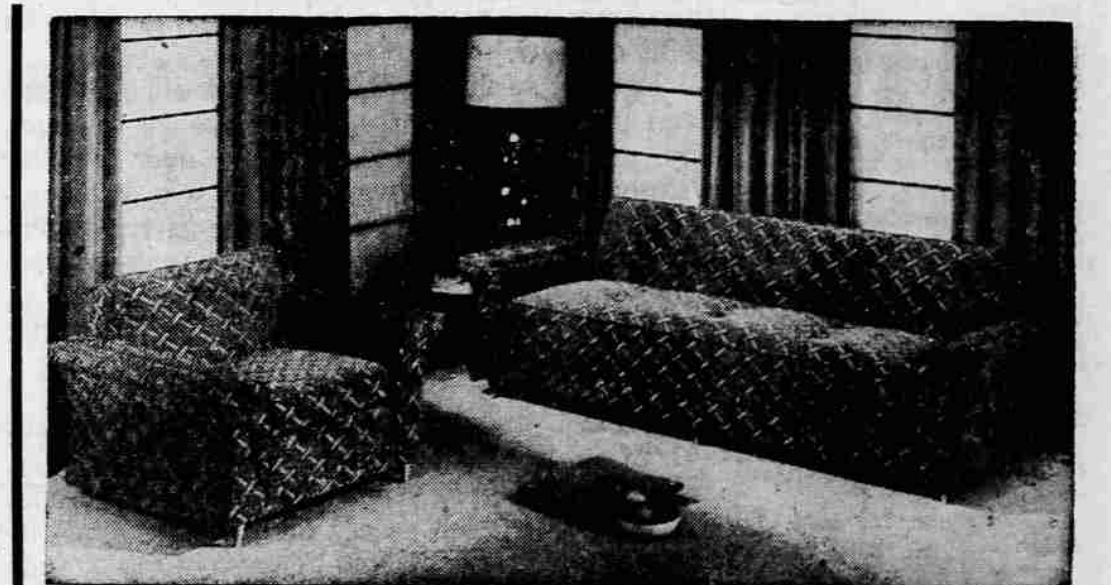
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