

MEASURING THE DAN'S WATER FLOW

Provision Made For Improving Stations At Francisco, Asbury and Pine Hall—War Department Is Making Survey.

The water resources and engineering division of the Department of Conservation and Development announces that improved provisions have been made for stream gaging on the Dan River system in Stokes and Rockingham counties.

This has involved the equipping of the station at Francisco, established in 1924, with recording instrument installed in a concrete shelter house, and the establishment of a new station at Leaksville on the Dan River and a second one on the Mayo river near Price. The purpose of these stations is to obtain daily records of water level and flow.

In the installation of gaging stations there are certain natural requirements in the way of location features which only the engineers know about. Finding these, it is necessary to build a combination shelter house and stilling well which has connection through an intake pipe to the water in the stream.

An automatic recording instrument is then installed in the shelter house which is acted upon by a float resting on the water in the stilling well. A high grade clock takes care of the time, and the result is that a pencil traces a curve on a roll of paper, thus producing a record of the stage or depth of water. Most of the recording instruments now being installed are of the type that operate sixty days after being set. Engineers must visit the station when the river is at different stages to determine the velocity and other information necessary to calibrate the station.

Records to be obtained will be of use in connection with studies of power possibilities, flood protection, water supply, bridge design, highway and railroad location. Power is the principal impetus to the work being done now, and it is interesting to note that attention has been focused on the Dan River in that connection since the power survey made by the water resources and engineering division in 1923.

A second survey is now being made by the Engineer Corps of the War Department acting through its District office in Norfolk and it is this agency which is bearing the greater share of the cost of the Dan River stream gaging at the present time. The construction work and the maintenance operation of the stations are under the direction of the U. S. Geological Survey district office at Asheville in charge of E. D. Burchard, District Engineer.

The Department of Conservation and Development was responsible for the establishment and financing of the three original stations on the Dan River at Asbury, Francisco, and Pine Hall, but it is not par-

ticipating at this time to any great extent in the financing of the present system of stations. However, there is a possibility that in time the Department may have to assume the greater part of the cost of operation in order to keep the records going as, in general, Army Engineer funds are available for such work only so long as survey and improvement projects are active.

The Department and the Survey are now operating some stations from which Army funds were withdrawn slightly more than a year after their establishment. Such records are too short to be of general value to the State. However, so far as the Dan River group of Stations is concerned, the records being obtained in the meantime will be available for issuance by the Department in the same manner that they are from regular stations.

It is interesting to note the Department and the U. S. Geological Survey are now co-operatively operating 72 stream gaging stations at as many points in the State. This is an increase of 51 stations over the number in operation ten years ago.

Corbett Bennett Takes First Prize

Corbett Priddy, of Stokes, was winner of the first prize in a fiddlers' contest last Friday held at South Fork school in Forsyth county. The convention of the fiddlers was held under the auspices of the Parent-Teacher Association.

In the violin contest W. A. McGee gave Mr. Bennett a very close run for first place and he received second prize. Mr. McGee is also a Stokes boy. In the banjo contest R. B. Smith was given a good boost with his playing, winning first place. Second place went to Carl Nance, of Stokes county.

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Savory Sardines

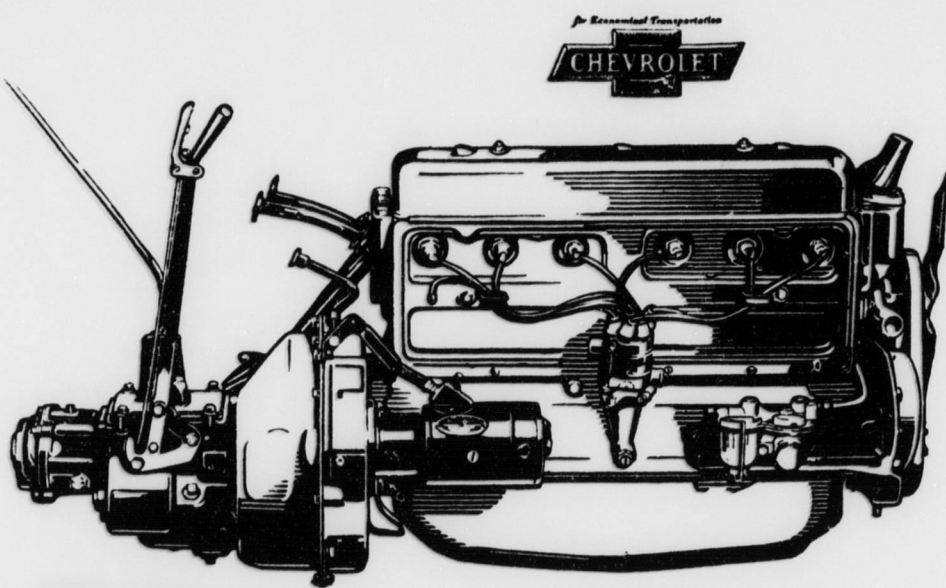


SARDINES are the babies of the sea in size but not in sophistication. Whoever heard of a sardine's entering into any food combination without giving it a little filip which makes it a distinctive contribution to the world of good cooking. At a home dinner, an informal afternoon tea or a formal dinner the sardine is equally at home.

Sophisticated Recipes

For instance, Russian Sardines are simple to make and delicious. Put a can of sardines in hot water, and boil it for fifteen minutes. Remove from the water and open, being careful that the oil does not spurt out on your hand. Empty the sardines onto a glass dish and sprinkle liberally with grated orange peel.

To make Sardine Biscuits, bone and mash the sardines from one can and mix with one tablespoon of chopped ripe olives, one tablespoon of lemon juice and two tablespoons of chopped pickled beets. Roll ordinary biscuit dough out until one-fourth inch thick and cut into circles two and one-half inches in diameter. Put a teaspoonful of the sardine mixture on half the circles and moisten the edges. Put the other circles on top and press the edges together with a fork. Bake as usual in a hot oven for twelve to fifteen minutes. These are particularly nice for tea. Sardines can be used alone or in combination with oysters in a fish cocktail. The sardines may be arranged around the edge of the glass with the little oysters in the middle and the sauce on the oysters.



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