Man Still Goes On Dreamin

John Doe Pithecanthropine Dr. Joseph Smagorinsky, act-of computers. grumbled at the rain, struck a ing director of the institute for spark to warm his cave and atmospheric sciences in the En- he predicted, it will be possible dreamed of being able to con-vironmental Science Services to simulate the actual natural s trol the weather.

This morning his grandson, countless times removed, woke in an air conditioned room, drove to work in an air conditioned car, entered his air conditioned office, and dreamed of being able to control the weather.

It has been one of mankind's most persistent-and, so far, most illusory-dreams.

Modern man can control his environment to a considerable extent. Pithecanthropine's great grandson is rarely subject to the elements unless he wants to be —and even then in a sense he controls his environment through the expertly engineered fabrics he wears.

He seeds clouds to bring rain tobacco crops or his coffee beans from the sun to let them ripen more slowly, and he lights Board Reports smudge pots in his fruit orchards to guard against freeze. He even sends Tyros satellites into space to warn him of

His buildings are temperaturecontrolled. Even his fishing camp is likely to have a portable electric fan to stir up a cent above the 1957-59 average breeze.

But a vast portion of his land area remains unarable desert and his polar ice caps represent thousands of miles of frozen wastes.

some of the moisture from the yesterday. Antarctic ice caps be diverted to rainfall over the desert? And wouldn't the warming up of the Joins Cast ice caps also serve to moderate and Russia's Siberia to become "The Professionals."

Washington, Nov. 17 (UPI)-|more hospitable to a mankind|weather modification is being

Administration (ESSA), told UPI in an interview that serious three or four years ago, but can be predicted to within a t do not now have a priority tiny degree. among weather modification scientists.

But he said possible new avenues of research currently are being studied by a panel under Academy of Science.

The panel has been at work rays with its final report within the report, he said, will contain ocean level. recommendations for basic lines Exploding of research on both small and

Production Up

Washington, Nov. 17 (AP) The Federal Reserve Board says industrial production was

says industrial production was up slightly last month despite a decline in the steel industry.

Production stood at 43 per and .6 per cent above October.

Production of iron and steel dropped 8 per cent during the month. This was attributed to the use of inventories accumulated in anticipation of a strike. So man wonders: Why can't The figures were announced

Hollywood (UPI) - Robert the climate of Greenland, and Ryan has joined Burt Lancaster the Yukon territory of Canada, and Lee Marvin in the cast of

One morning in 500,000 BC, fast running out of living room? changed by the rapid perfection

Within the next 5 to 10 years. circulation of the atmosphere to such an extent that proposals I proposals for diverting the polar for massive tampering can be t ice were made as recently as tested so accurately that results

> Some of the long-standing t ideas for altering climate include:

Melting the polar ice by laythe sponsorship of the National ing down a carbon-soot covering on the ice to absorb the sun's and expedite melting. for two years and will be ready Drawback: The world's coastal cities would be devastated by next two or three months. The the resulting increase in the

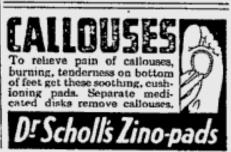
Exploding a number of nuclear devices in the Arctic massive ways of tampering with Ocean at a precise depth to the weather. At the same time, Smagorin-remain as fog overlaying the to parched fields; he shields his sky said the entire field of ice, thus acting as a blanket to prevent heat escape and create melting. Same drawback.

Joint Project

Building a dam across the Bering Straits so warm Pacific water could be fed into the Arctic Ocean and warm up the

north. A Russian scientist estimated the cost at \$17.5 billion, to be shared jointly by the United States and Russia.

Diverting the Gulf stream, perhaps through the explosion of hundreds of nuclear devices in the straits between Florida and Cuba. Obvious drawbacks:



Of Controlling the Weath

You'd create so much radio-the growth of cities with their the earth on its axis and estab had accomplished.

sky said, these proposals could mosphere. easily be tested. It also would Smagorinsky expects the an-would bring about the end of trees in the United States.

Already the scientists are using the computers for a greater and greater degree of fidelity once man starts tampering with in reproducing the natural prop- his atmosphere, he'd better be erties of the atmosphere.

said, in assessing the long-range and magnified. results of "inadvertent modifi-cation" such as the increase of to warm up his climate enough bile and industrial pollution; of water-weight which could tilt 200 144 N. 9TH ST.

activity you'd off-set all you very real warming effects; lish an entirely new configurawhether the imminent use of tion of land areas and oceans. But once the computer super-sonic transports in the This would bring about the models are perfected, Smagorin-stratosphere will affect the at-end of all of mankind's worries

be possible to ask purely hypo- swers to most or all of these mankind period. thetical equestions scientists within a year or two. It is eswould like to know the answers sential to know these answers, to: Like what would happen if you removed the Rocky Mountains; or what would be the result of centing down all the are man's deliberate attenuated. But one thing is probable: Whatever thinking creature inherited the earth as man's successor would have one great dream: result of cutting down all the are man's deliberate attempts to alter the weather.

Right or Else

It is pretty well agreed that right. Disaster could result This is helpful, Smagorinsky from an error that started small

carbon dioxide in the earth's to melt the ice caps altogether. atmosphere from the automo-it might result in a dislocation

about the H-bomb because it

But one thing is probable:

Being able to control the weather.



• Nov 1965. A new report for "recommendations for both small and "massive" ways of tampering with the weather" http://news.google.com/newspapers?nid=1955&dat=19651117&id=Ka4hAAAAIBAJ&sjid=uZoFAAAAIBAJ&pg=3272,639693