

TIROS IV VIEW OF NEW ZEALAND -- This picture of the New Zealand area was taken by the Tiros IV weather satellite on its 512th orbit of earth March 16. It shows North Island in upper center (grey area) and South Island in the lower right toward the horizon. At right center is an extensive mass of broken to overcast clouds in cold air behind a weather system which has moved across New Zealand.

Tiros IV was launched by the National Aeronautics and Space Administration February 8, 1962 from Cape Canaveral, Florida. Like its three predecessors, it carries two television cameras for recording weather patterns. Two magnetic tape recorders store pictures for later relay to ground readout stations at Wallops Island, Virginia and Point Mugu, California. Direct readouts are also possible when the spacecraft is directly over either of the two stations. The pictures are forwarded to the U.S. Weather Bureau's National Meteorological Center at Suitland, Maryland for distribution to weather forecasters and services throughout the world.

(Picture should be viewed with horizon at lower right.)

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APR 3 1962