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TITLE OF INVESTIGATION: 28990, INVESTIGATION OF ENVIRONMENTAL
CHANGE PATTERN IN JAPAN

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APPLICATION OF LANDSAT-2 DATA FOR UNDERSTANDING ENVIRONMENTAL
CHANGE IN THE COASTAL AND OFFSHORE ZONE

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During the period of Jan. to March 1976 visual analyse were made on the scenes of LANDSAT-2 covering Central Japan taken on Sep 11 1975 which are the only available ones for the area taken by LANDSAT-2, and comparison was made with the previous ones taken by LANDSAT-1 on Oct 5 1972.

It is found that not a little variation exists in the value of radiance. It is not clear if this variation is due to the variation of surface objects or not. In an attempt to find out the effect of atmospheric condition all available meteorological data for the area were collected and analyses have been made. The result indicates there is not a little difference in atmospheric condition between the scenes taken by LANDSAT-1 and 2.

Using the digital data of LANDSAT-1 and 2 quantitative analysis of atmospheric effects on the observed values of radiance is going on.