

**EARTH TERRAIN VIEWS AS SEEN FROM SKYLAB SPACE STATION**



**KYUSHU ISLAND OF JAPAN**



**SEATTLE AND THE PACIFIC NORTHWEST**



**SOUTH ISLAND OF NEW ZEALAND**



**ALPS MOUNTAINS OF EUROPE**



## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

### SEATTLE & THE PACIFIC NORTHWEST

An oblique view of the Pacific Northwest looking northeast across the Seattle and Vancouver area, as photographed by one of the Skylab 3 crewmen using a hand-held 70mm Hasselblad camera with a 100mm lens and SO-368 medium-speed Ektachrome film. British Columbia is on the left. Washington and Oregon are on the right. The Columbia River separates the two states. Vancouver Island is at left center. The Rocky Mountains are in the background. Puget Sound and Seattle are in the center of the photograph. Heavy cloud cover is over the Pacific Ocean and the land area in the background.

### ALPS MOUNTAINS OF EUROPE

An oblique view of the Alps Mountains area of Europe, as photographed by one of the Skylab 4 crewmen using a hand-held 70mm Hasselblad camera with a 100mm lens and SO-368 medium-speed Ektachrome film. This picture covers portions of Switzerland, France and Italy. The dark area on the right is the Po Valley of Italy. The body of water in the bottom right corner of the photograph is an extension of the Mediterranean Sea. The large Italian cities of Milan and Turin are in the area of the Po Valley. Snow covers all of the higher elevations of the land.

### KYUSHU ISLAND OF JAPAN

An oblique view of the Island of Kyushu, Japan, as photographed by one of Skylab 4 crewmen using a hand-held 70mm Hasselblad camera with a 100mm lens and SO-368 medium-speed Ektachrome film. The plume from the volcano Sakurajima is clearly visible. Sakurajima and its plume were photographed many times during Skylab 4. The plume extends about 80 kilometers (50 statute miles) east from the volcano. The distribution and dispersion of particulate materials and volcanic gasses will be studied in this and similar Skylab photographs. Although the plume is primarily water vapor, it contains significant quantities of oxides of carbon, sulphur and nitrogen. These gasses are considered pollutants, and understanding their abundance and distribution will help evaluate the relative effect and significance of man-made atmospheric pollutants. Nagasaki is one of the major cities of this Japanese island.

### SOUTH ISLAND OF NEW ZEALAND

An oblique view of New Zealand looking southward over South Island, as photographed by one of the Skylab 4 crewmen using a hand-held 70mm Hasselblad camera with a 100mm lens and SO-368 medium-speed Ektachrome film. The Pacific Ocean is on the left, and the Tasman Sea on the right. Cape Farewell is at bottom center. The city of Christchurch is next to Banks Peninsula at left center.