

# satellite

## WEATHER SATELLITE VIEW OF SPACE LAUNCH

Henry W. Brandli

Chairman  
National Weather Digest's Satellite Division

Melbourne, FL 32901

Robert M. Arn

Chief Forecaster  
Cape Canaveral Forecast Facility, FL

On 10 June 1979, at 1338Z a TITAN III-3 rocket was launched from the Cape Kennedy Space Center. The TITAN III-C launch is shown in Figure 1.

Two minutes into the launch, a 450 mile high orbiting DMSP satellite took visual and infrared images of Florida as it passed from south to north.

Close examination of the visual and simultaneous infrared photos revealed the presence of the exhaust trail from the TITAN III-C (see Figure 2) after it was launched from the Air Force complex.

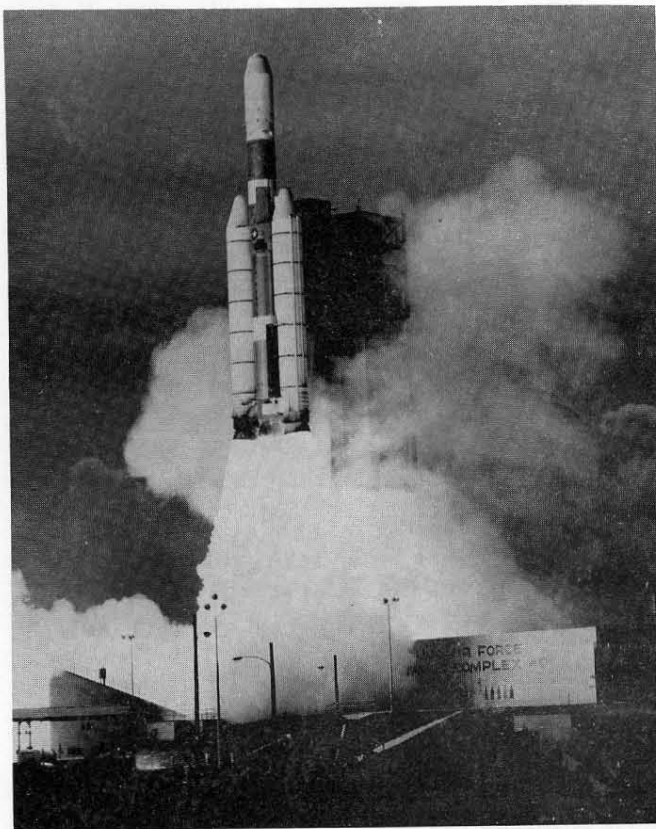


Figure 1.

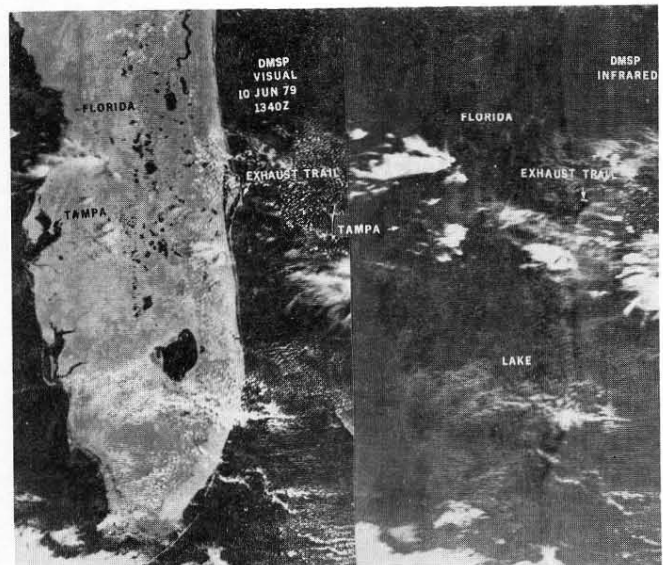


Figure 2. DMSP visual (left) and infrared (right) on 10 June 1979 at 1340Z. Showing exhaust trail of TITAN III-C rocket launched from Cape Kennedy Space Center at 1338Z.