



FirstWatch

DATA SHEET 

DigitalGlobe's FirstWatch service provides customers with rapid imagery-based analysis of the scope and magnitude of an event, as well as the event's impact on critical infrastructure and populations. Satellite imagery and geospatially-based insight are used to deliver relevant, time-dominant information. FirstWatch customers are provided with an analysis report which presents a rapid, initial assessment of an event, highlighting areas of interest and importance within the imagery.

Features and Benefits

Monitor World Events

Remain informed and up-to-date on current events around the globe.

Priority Tasking

Natural disasters, man-made disasters, political unrest, and human interest take precedence in image collection scenarios.

Finished Product

Spend less time collecting, processing, and analyzing information, and more time making decisions.

Rapid Updates

Quickly receive summary imagery and analysis to help in response and recovery efforts.

Organize Fast

Mobilize recovery efforts quickly with exclusive imagery and analysis from DigitalGlobe's Analysis Center.

High-Quality Analysis

The largest satellite constellation of its kind is backed by a highly professional team of imagery, geospatial, and open source analysts.

Informed Response

Gain information to see the full extent of the situation and effectively plan possible courses of action.



Wildfires, Slave Lake, Canada
Collected May 18, 2011



FirstWatch

Specifications

| Event Types | |
|-------------------------|--|
| Disaster Events | <ul style="list-style-type: none"> Geological Disasters (Earthquakes, volcanic eruptions, avalanches, limnic eruptions) Hydrological Disasters (Floods, tsunamis) Meteorological Disasters (Hurricanes, tornadoes, blizzards, droughts, hail storms) Wildfires |
| Man-Made Events | <ul style="list-style-type: none"> Terrorist Events (Bombings, biological, chemical, nuclear events) Large Scale Accidents (Planes, trains, industrial, oil spills) |
| Political Unrest | <ul style="list-style-type: none"> Military Operations (non-US/Allied) Government Protests Military Coups Demonstrations, Protests, Rallies Displaced Refugees, Mass Exodus |
| Human Interests | <ul style="list-style-type: none"> Sporting Events (World Cup, Olympics) Large World Festivals |

| Specifications | |
|-----------------------------------|---|
| Satellite Sensors | WorldView-2, WorldView-1, and QuickBird |
| Imagery Color Type | Color, Panchromatic, and Color Infrared when available |
| Image Resolution | 50-60 cm GSD at nadir, up to 1 m at 45° off-nadir |
| Cloud Cover Specifications | Less than 50% |
| Accuracy | Will vary depending on the situation, but is typically 1:12,000 |
| Off-Nadir Angle | Typically 0° to 30°, generally no more than 45° off-nadir |
| In-Depth Analysis Report | Within 48 hrs after initial image acquisition |

Deliverables

The FirstWatch PDF report is delivered via e-mail to a pre-defined mail group or address list and can also be accessed through the DigitalGlobe portal by customers for download. DigitalGlobe will maintain an RSS feed to keep customers abreast of any developments.

Delivery Methods



Analysis Center Contact

Email: Analysis-Inquiry@digitalglobe.com