

TRPA, USGS pay for high resolution GIS imaging of basin

By GIScafe

eMap International was contracted by a consortium of regional and federal agencies which included the Tahoe Regional Planning Agency (TRPA) and US Geological Service (USGS) to provide 8-band multispectral high-resolution WorldView-2 satellite imagery over the Lake Tahoe Basin. Given the short growing and cloud-free season in the Tahoe Lake Basin, the specifications of the project required that the high-resolution imagery covering 1,100 square kilometer of coastlines, forested valleys and jagged mountain peaks be collected inside a 45-day window with less than 10% cloud cover.

By working closely with DigitalGlobe, the owner and operator of WorldView-2, eMap delivered the specified 2-meter 8-band multispectral and 50-cm panchromatic satellite imagery to the Consortium ahead of schedule and with nearly no cloud-cover (less than 1% across the Basin). Upon receipt and review of the WorldView-2 data, Toby Welborn, a geographer at the USGS Carson City, NV office, said, "This is going to be a fantastic dataset to work with and will provide incredible insight into all types of issues and interests in the Tahoe Basin."

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