



+ SKYSAT ARCHIVE OVERVIEW

The SkySat archive is available globally, by country, or by industry. Country specific archives contain all images collected within a countrys borders. Industry specific archives contain images captured over relevant pre-selected industry verticals. Industry groupings include the following:

- OIL TANKS** Observe changes in oil inventory over time
- PORTS** Monitor ship and container movement
- SUPPLY CHAIN** Monitoring select large production facilities, rail, and agricultural facilities to predict economic activity
- CITIES** General observation of select cities
- DRY-BULK / MINES** Coal and mining heap mass observation to provide information on energy and materials
- SOCIAL IMPACT** Select humanitarian sites
- RETAIL** Select retail and amusement parks to proxy retail and people volume activity
- AGRICULTURE** General crop health observation (primarily North America)
- INTELLIGENCE** Conflict sites; potential nuclear development zones

Note: The minimum purchase amount is \$50,000 USD.

Industry	Archive Breakdown	Collects	Total km ²	Price	Vertical Price
Oil Tanks	By Region or Country	40,300	3,222,000	\$2/km ²	\$6,444,000
Ports	By Region or Country	12,600	1,007,000	\$2/km ²	\$2,014,000
Supply Chain	By Region or Country	4,200	340,000	\$2/km ²	\$679,000
Cities	By Region or Country	12,500	998,000	\$2/km ²	\$1,995,000
Dry Bulk / Mines	By Region or Country	6,400	514,000	\$2/km ²	\$1,028,000
Social Impact	By Region or Country	5,800	464,000	\$2/km ²	\$928,000
Retail	U.S., Australia, New Zealand, Canada, etc.	2,900	230,000	\$2/km ²	\$460,000
Agriculture	U.S., Canada, France, Ecuador, Japan, etc.	3,300	261,000	\$2/km ²	\$520,000
Intelligence	Various countries	800	66,000	\$2/km ²	\$130,000
Total	Across all categories and regions	89,000	~7,100,000	\$2/km ²	~\$14m

Specific sites within each industry category will have a varying number of archive images available. For example, Figure 1 below shows the geographic location of all archival oil industry images; Figure 2 shows the location of port images. The appendix provides similar information for all other industry categories.

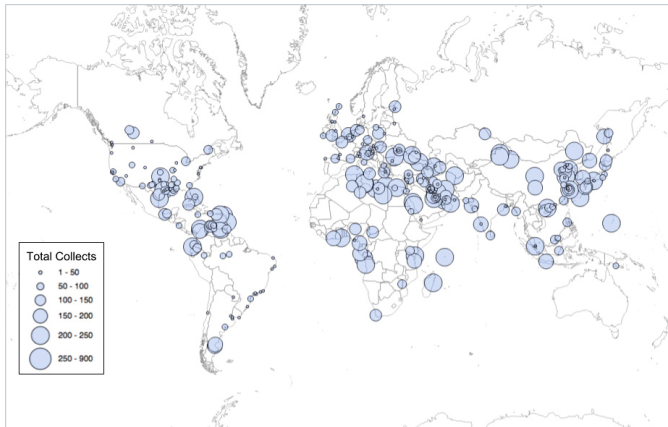


FIGURE 1: OIL TANKS



FIGURE 2: PORTS

IMAGERY SPECIFICATIONS

	Basic Scene (Aug 1, 2017)	Ortho Scene (Sep 30, 2017)
Ground sample distance	Panchromatic: 0.8m Multispectral: 2.0m	
Pixel resolution	N/A	Analytic DN: 2.0m Panchromatic DN, Visual, Pansharpened Multispectral: 0.8 m
Spectral bands	Blue 450 - 515 nm Green 515 - 595 nm Red 605 - 695 nm NIR 740 - 900 nm Pan 450 - 900 nm	
Image configurations (Bands)	Analytic DN Image: B, G, R, N Panchromatic DN Image: Pan	Analytic DN Image: B, G, R, N Panchromatic DN Image: Pan Visual Image: Pansharpened R,G,B Pansharpened Multispectral Image: Pansharpened B, G, R, N
Bit depth	16-bit	Analytic DN: 16-bit Unsigned Integer Panchromatic DN: 16-bit Unsigned Integer Pansharpened Multispectral: 16-bit Unsigned Integer Visual: 8-bit Unsigned Integer
Geometric precision	< 300m RMSE	< 10m RMSE
File structure	Image File GeoTIFF format Metadata File JSON format Rational Polynomial Coefficients Text File UDM File GeoTIFF format	
Radiometric conversion	None (DN)	
Revisit time	Nadir: 28 days per spacecraft; sub-weekly per constellation Off-Nadir: Daily per spacecraft; sub-daily per constellation	
Archive Range and Delivery	Archive data may extend back to December 2014, though timeframes differ depending on the archive. Delivery through the Planet API.	

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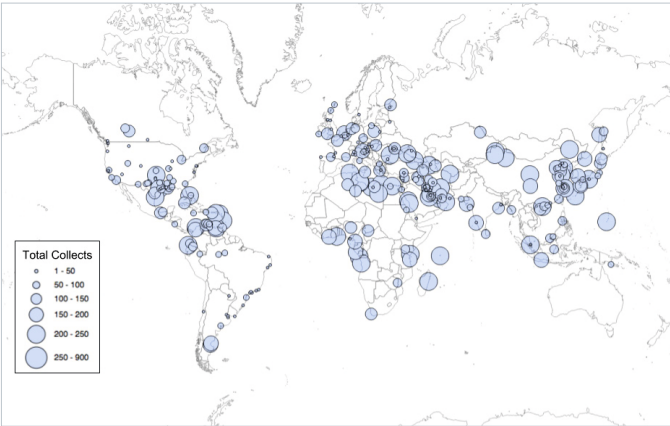


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APPENDIX



DRY BULK / MINES



AGRICULTURE



SUPPLY CHAIN



SOCIAL IMPACT



RETAIL



CITIES

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