
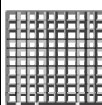


A listing of the commercially available remote sensors of their: data type, sensor (platform), spatial scale, extent (GRE), resolution (spectral & radiometric & temporal), frequency (time of day), source/cost and archive. See for more details: on airborne and satellite sensors also: <http://database.eohandbook.com/database/instrumenttable.aspx>, and under water acoustic sensors: http://www.ozcoasts.org.au/geom_geol/toolkit/technical.jsp#aeos

Platform		Sensor	Spatial Scales - extent - pixel size	Spectral Resolution and Range	Radiometric Resolution	Temporal Resolution - repeat frequency - time of acquisition	Source(s) for Data	Cost (Indicative only and subject to change. Additional costs may be applicable)	Archives of Data	
high spatial resolution multi spectral		QuickBird 2 IKONOS GeoEye-1	Extremely fine (local) Extent: 25sqkm+, 49sqkm+ GRE: 0.5-1m (pan) or 1.64-4m (multi)	> 100 nm Medium range: 400-920nm # Bands: 4	High: 11 bit (2048 levels)	morning 3 days Programmable	Geoimage Quickbird www.digitalglobe.com IKONOS www.geoeeye.com GeoEye-1 www.geoeeye.com	See image provider	www.geoimage.com.au	
		Rapid Eye	High: (local, province, region) Extent: 77km swath at nadir GRE: 5m	> 100 nm Medium range: 440-850nm #Bands: 5	Medium: 12bit	Derived product from SPOT5	RapidEye www.rapideye.de Geoimage www.geoimage.com.au AAMHatch www.aamhatch.com	See image provider	www.geoimage.com.au	
			WorldView-1	Extremely fine (local) Extent: 25sqkm+ GRE: 0.5m (pan)	> 100 nm Medium range: 400-900nm # Bands: 1	High: 11 bit (2048 levels)	morning 3 days Programmable	Geoimage WorldView-1 www.digitalglobe.com	See image provider	www.geoimage.com.au
		WorldView-2	Extremely fine (local) Extent: 25sqkm+ GRE: 0.5m (pan) or 1.84m (multi)	> 100 nm Medium range: 400-1050nm # Bands: 8	High: 11 bit (2048 levels)	Not yet operational, launch scheduled for October 2009	Geoimage WorldView-2 www.digitalglobe.com	See image provider	www.geoimage.com.au	

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Platform	Sensor	Spatial Scales - extent - pixel size	Spectral Resolution and Range	Radiometric Resolution	Temporal Resolution - repeat frequency - time of acquisition	Source(s) for Data	Cost (Indicative only and subject to change. Additional costs may be applicable)	Archives of Data
moderate spatial resolution multi spectral	Landsat 7 ETM+ Landsat TM	Medium: (province, region) Extent: 625sqkm - 185km x 185km GRE: 15m (pan) or 30m (multi)	> 100 nm High range: 520-900nm (pan) 450-900nm 1.55-2.35um 10.4-12.5um	Medium: 8 bit (256 levels)	morning 16 days morning 16 days	Geoimage Geoscience Australia National Earth Observation Group (previously known as ACRES) USGS	Free download from USGS, A\$450+	http://glovis.usgs.gov/
	SPOTMaps	High: (local, province, region) Extent: 100sqkm+ GRE: 2.5m	Medium range: 480-900nm #Bands: 3	Medium: 8 bit (256 levels)	Derived product from SPOT5	Geoimage	See image provider	www.geoimage.com.au
	SPOT 2 and 4 SPOT 5	High to medium: (local, province, region) Extent: 42km x 42km - 60km x 60km GRE: 2.5m - 10m (pan) or 10 - 20m (multi)	> 100 nm Medium range: 480-710nm (pan) 450-900nm 1.55-2.35um #Bands: 3-4	Medium: 8 bit (256 levels)	morning 1-4 days morning 1-4 days SPOT 2 data not available post June 2009 Programmable	Geoimage	See image provider	www.geoimage.com.au
	Resourcesat-1 (IRS-P6)	Medium: (province, region) Extent: 141km x 141km - 740km x 740km GRE: 23.5m - 56m	> 100 nm Medium range: 520-860nm 1.55-1.7um #Bands: 4	Medium: 7 bit (128 levels) - 10 bits (1024 levels)	morning 5 days (AWiFS) morning 24 days (LISS-III)	Geoimage	See image provider	www.geoimage.com.au
	ALOS (Daichi)	High to medium: (local, province, region) Extent: 35km x 35km - 70km x 70km GRE: 2.5m (pan) or 10 (multi)	> 100 nm Medium range: 520-770nm (pan) 420-890nm #Bands: 4	Medium: 8 bit (256 levels)	morning 46 days	Geoimage	See image provider	www.geoimage.com.au
ASTER	Medium: (province, region) Extent: 60km x 60km GRE: 15m (VNIR) 30m (SWIR) 90m (TIR)	High range: 520-860nm 1.6-2.43um 8.125-11.65um # bands = ????	Medium - High: 8 to 12 bits	morning 16 days	Geoimage	See image provider	http://asterweb.jpl.nasa.gov/	

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