




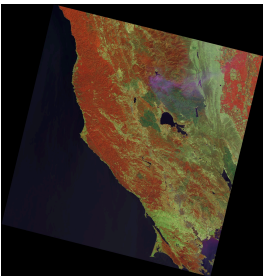
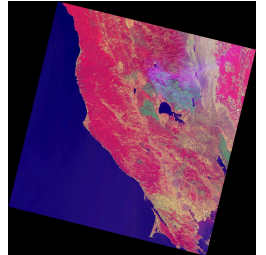



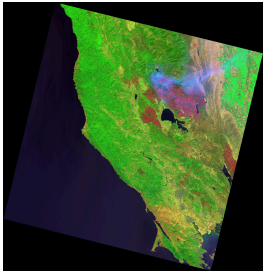




Common Landsat 8 Band Combinations

Band Combination	Name	Common Applications of this Band Combination Application	Sample Display
4-3-2	Natural Color Composite	"True" color visualization; simulates what human eyes "see"; may appear "hazy" due to atmospheric interference	
4-3-1	Bathymetry	Estimating suspended sediment; useful in coastal bathymetric, and aerosol studies	
5-4-3	Color Infrared (CIR)/ NIR False Color	Vegetation/Forest/Wetland health (highlight healthy vegetation (appears bright red); commonly used for measuring disturbed ground	
5-6-2	Vegetation	Health	
5-6-4	Water/Land	Water bodies, barren land, ice	

Band Combination	Name	Common Applications of this Band Combination Application	Sample Display
5-6-4	Water/Land	Water bodies, barren land, ice	
5-7-1	Air Quality/Bathymetry False Color	Track particulates, shallow water	
6-3-2	Geology/False Color	Barren landscapes	
6-5-2	Agriculture/False Color	Crop and vegetation; barren land	
6-5-4	False Color (Vegetation)	Analysis	

Band Combination	Name	Common Applications of this Band Combination Application	Sample Display
7-5-2	Forest Fire/False Color	Burn scars	
7-5-4	Shortwave Infrared	Density of vegetation	
7-6-2	Geology	Geological landforms, lithologic features, and faults	
7-6-4	Shortwave Infrared/False Color (Urban)	Urban structure analysis; commonly used for identifying features like buildings and roads.	