

# HISTORY OF PHOTOGRAPHY

## 'TIMELINE'

1490	Camera Obscura
1727	Johann Heinrich Schultze discovers effect of light and Silver Chloride
1777	Carl Wilhelm Scheele publishes <i>A Chemical Treatise on Air and Fire</i> , which examines light sensitivity of silver salts
1796	Alois Senefelder develops process of printing using Lithographic Engraver
1802	Thomas Wedgwood discovers effect of sunlight on Silver-coated paper
1807	William Hyde Wollaston invents Camera Lucida
1822	Heliography - Joseph Nicephore Niepce produces earliest permanent image
1826	Niepce burns first permanent image of a landscape utilizing Camera Obscura
1837	Louis-Jacques-Mande Daguerre – first Daguerreotype image
1839	First photograph of a person - Daguerre
	Sir John Herschel – develops Photographic fixative to stop image from fading
	William Henry Fox Talbot develops alternate method which he calls “photogenic drawings”
	American John Draper captures first photograph of the moon
1840	Talbot creates negative which can be used to create numerous positive images
1841	Jozsef Petzval develops improved lens and along with Friedrich Voigtlander devises portable camera box for travelers
1844	Talbot publishes first book illustrated with photographs
1845	Mathew Brady begins to photograph famous people Daniel Webster, Edgar Allan Poe, Walt Whitman and Abraham Lincoln
	First photo of the sun – Hippolyte Fizeau and Leon Foucault
1847	Thomas Martin Easterly – first photograph of lightning
1847-1856	First official war photographs – Roger Fenton
1849	Sir David Brewster develops a stereoscope
1851	First panoramic view of a scene
1851	Frederick Scott Archer invents the wet plate (Collodion) process
1853	Beginning of portraiture – Gaspard-Felix Tournachon a.k.a. Nadar

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1853	Tintype process developed by Adolphe Alexandre Martin
1858	First Birds-eye-view Photo - Nadar
1861	James Clerk Maxwell creates first colour photograph
1865	John Trail Taylor develops first widely used flash technique
1869	Henry Peach Robinson promotes photography as an artistic medium and calls it 'Pictorialism'
1871	William Henry Jackson commissioned by U.S. Geological and Geographic Surveys to photograph the American West – Yellowstone National Park established
	R.L. Maddox devises Dry Plate printing method
1878	Eadweard Muybridge makes first motion sequence photos
1885	First Photomicrograph of Snowflakes by Wilson A Bentley
1888	George Eastman – invents Kodak Box Camera with preloaded film
1890	Jacob Riis publishes book <i>How the Other Half Lives</i> – beginning of photojournalism
	First photo in National Geographic magazine
	One of America's first women photographers, Frances Benjamin Johnston, becomes one of the country's first photojournalists
1900	George Eastman's Brownie camera hits the market costing \$1
1901	Eastman Kodak Company formed
1902	Photo-Secession, founded by Alfred Stieglitz to promote photography as a fine art
1905	First National Geographic Photo Series published
1906	First Wildlife Photos in National Geographic
1907	Auguste and Louis Lumiere create the first colour photograph
1909	First Photos of the North Pole – Robert E Peary and Matthew Henson
1911	Rotogravure printing process invented
1914	First handheld 35-millimeter camera invented by Oskar Barnack
	First colour photography in National Geographic
1922	Kodak invents Infrared film for military and scientific use
1930	Ansel Adams decides to dedicate himself to photography
1935	Photograph of rural hardships of the Depression
	Kodak invents Kodachrome film for colour slides
1936	<i>Life</i> – first U.S. newsmagazine devoted to photojournalism appears
1940s	Harold E Edgerton perfects high-speed stroboscopic photography
1942	Chester Carlson invents xerography (photocopy technology)
1946	First photo from space
1947	Polaroid process developed

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1949	First disposable camera invented by engineer A.D. Weir
1949-1956	First survey map of the night sky at Palomar Observatory in California using “Big Schmidt” camera telescope
1956	Jacques Cousteau, aboard Calypso, pioneers underwater photography
1959	Nikon F SLR camera enters the market
1961	Kodak introduces carousel slide projector
1963	Instamatic camera introduced by Kodak
1966	First photo of planet Earth from the moon
1972	Apollo 17 crew take first full-view photo of planet Earth
1974	Brothers Cornell and Robert Capa found New York’s International Centre for Photography – museum and research centre
1975	Russian space probe <i>Venera 9</i> takes first photos of another planets (Venus) surface
	First all-electronic camera constructed by Kodak
1977	Photo of Earth and moon in one frame – NASA Voyager 1
1985	Minolta releases first SLR with autofocus – Minolta Maxxum 7000
1986	First fieldworthy “critter-cam” developed
1990	Kodak introduces the PhotoCD
	First version of Photoshop released by Adobe
1991	First Digital Camera (DCS) released by Kodak
1994	First consumer camera-computer connection – Apple QuickTake 100
1999	First digital memory card developed by Matsushita, Sandisk, and Toshiba collaboration
2002	First images from Hubble Space Telescope
2003	First DSLR priced under \$1000 released by Canon
2004	Camera phones become commercially available
2005	Youtube and Facebook Social Networking – photos shared electronically
2006	First digital camera trap – George Steinmetz captures image of elusive North American mountain lion
2010	Apple iPad revolutionizes the taking, viewing, manipulating and sharing of photographs
	Kodachrome film discontinued – National Geographic photographer Steve McCurry shoots the last roll manufactured
2011	Ren Ng develops first Light Field camera, Lytro, which began shipping in 2012