



Content Currently Available for the OmniGlobe

Key

Image - Images can be rotated, turned or tilted or you can immediately jump to any point on the planet.

Animation - Sequence of images showing changes over time which can also be rotated, tilted, FF, RW, etc.

Movie - A movie file plays the same way every time. It can only be stopped and started or allowed to Loop.

		Image	Animation	Movie	Attribution
1	ARC Created Content				
1-A	ARC's Natural Earth with Visible Clouds	x			ARC Science
1-B	ARC's Natural Cloudless Earth	x			ARC Science
1-C	Diurnal Earth with Clouds and City Lights		x	x	ARC Science
1-D	Real-time Clouds (subscription)		x		SSEC, ARC Science
1-E	Seasonal Earth with ice, snow, and vegetation		x		NASA, NOAA, ARC Science
1-F	Landsat 7 Orbiting Cloudless Diurnal Earth			x	ARC Science
1-G	300 Million Year Paleo-Geographic Animation		x	x	Ron Blakey, ARC Science
1-H	600 Million Year Paleo-Geographic Animation		x	x	Ron Blakey, ARC Science
2	Geophysical w/o the Paleo-Animation				
2-A	Sample Earthquakes (4/20/06 - 4/27/06)		x		USGS, SSEC
2-B	Cumulative Earthquakes (1980 - 1995)		x		NASA/GSFS
2-C	Age of Sea Floor- Tectonic Plates	x			NOAA NGDC
2-D	Indian Ocean Tsunami Model (Dec. 26, 2004)		x		NOAA/GSD
2-E	World Volcanoes	x			NASA
2-F	Earth Topography	x			ARC Science
2-G	Magnetic Lines		x		NOAA NGDC
2-H	Magnetism/magnets		x		NOAA NGDC
2-I	Magnetic Declination		x		NOAA NGDC
2-J	2011 Japan Tsunami Wave Propagation Model		x		NOAA cntr for Tsunami Research
2-K	Top 10 Historical Earthquakes	x			United States Geological Survey
3	World-Human Related				
3-A	Anthropic Landscapes	x			USDA NRCS
3-B	Anthropic Tension Zones	x			USDA NRCS
3-C	Biomes	x			USDA NRCS
3-D	Desertification	x			USDA NRCS
3-E	Global Population Density	x			USDA NRCS
3-F	Human Induced Desertification	x			USDA NRCS
3-G	Human Induced Water Erosion	x			USDA NRCS
3-H	Human Induced Wind Erosion	x			USDA NRCS
3-I	Inherent Land Quality	x			USDA NRCS

3-J	Major Land Stresses	x		USDA NRCS
3-K	Phosphorous	x		USDA NRCS
3-L	Soil Inorganic Carbon	x		USDA NRCS
3-M	Soil Moisture Regimes	x		USDA NRCS
3-N	Soil Organic Carbon	x		USDA NRCS
3-O	Soil Temperature Regimes	x		USDA NRCS
3-P	Water Erosion	x		USDA NRCS
3-Q	Water Holding Capacity	x		USDA NRCS
3-R	Wetlands	x		USDA NRCS
3-S	Wind Erosion	x		USDA NRCS
3-T	Global Fires (2007)		x	NASA/GSFC
4	Ocean			
4-A	NASA Sea Currents		x	NASA, Los Alamos NL
4-B	NASA Global Sea Surface Temp. Model		x	NASA, Los Alamos NL
4-C	NCDC SST Anomaly Data (1980-1999)		x	NOAA/NCDC
4-D	SST: Fleet Numerical		x	Fleet NMOC, Navy CODA, NOAA
4-E	SST: MODIS (2002)		x	NASA/GSFC
4-F	Human Impact on Marine Ecosystems	x		NOAA
4-G	Depth of the 26 degree Isotherm (2005)		x	NOAA/AOML
4-H	Indian Ocean Tsunami Model (Dec. 26, 2004)		x	NOAA/GSD
4-I	SSEC Dart Buoy Locations	x		SSEC
4-J	Worldwide Buoy Locations	x		NOAA/GSD
4-K	Argo Buoy Tracks		x	NOAA/GSD
4-L	Argo Buoy Movement		x	NOAA/GSD
4-M	Ocean Acidification		x	NOAA/PMEL
4-N	6 meter Sea Level Rise Simulation (set of 7 images)	x		ARC Science
4-O	Annual Sea Ice changes (2005-2007)		x	NOAA/JPL
4-P	Minimum Sea Ice & snow cover (2005-2006)		x	NOAA/NSIDC
4-Q	September Sea Ice 1987 - 2007		x	NOAA/NSIDC
4-R	Sea Surface Height Anomaly		x	NASA/JPL
4-S	Sea-viewing Wide Field-of-view Sensor (SeaWiFS)		x	NASA Goddard
4-T	Ocean Surface Vector Winds (2004, 2005, 2006)		x	NASA/COAPS
4-U	Ocean Conveyor Belt	x		NASA/Goddard
4-V	Ocean Acidification Model from 1895-2094		x	Woods Hole Oceanographic Inst.
4-W	Ocean aragonite saturation state from 1895-2094		x	Woods Hole Oceanographic Inst.
5	Atmosphere			
5-A	2004 Hurricane Season - Global Satellite IR		x	NOAA
5-B	2005 Hurricane Season: Gray Scale IR Satellite		x	NOAA
5-C	2005 Hurricane Season: Water Vapor with SST		x	SSEC, NOAA
5-D	Hurricane Tracks (2000-2006)		x	NOAA/NGDC
5-E	Cumulative Hurricane Tracks (1950-2005)	x		NOAA
5-F	Annual Lightning Flash Rate Map	x		NASA LIS/OTD
5-G	Historical Terrestrial Air Temp. Data (1950-1999)		x	NOAA/NCDC
5-H	NOAA's Carbon Tracker		x	NOAA/ESRL
5-I	Carbon Flux		x	NOAA/ESRL
5-J	Black Carbon Aerosol Optical Thickness		x	NASA/GMAO
5-K	Black Carbon & Sulfate Aerosol Optical Thickness		x	NASA/GMAO
5-L	Sulfate Aerosol Optical Thickness		x	NASA/GMAO
5-M	Carbon Monoxide in 2000		x	NASA/GSFC
5-N	Earth Observing System A-Train		x	SSEC
5-O	ACARS Flight Tracks		x	NOAA

5-P	ACARS Wind Measurements		x		NOAA
5-Q	Global Unified Profiling System, GUPS		x		NOAA/GSD
5-R	Atmospheric IR Sounder (AIRS) - Precipitable Water 100-500mb		x		NASA/JPL
5-S	Atmospheric IR Sounder (AIRS) - Precipitable Water 500-700mb		x		NASA/JPL
5-T	Atmospheric IR Sounder (AIRS) - Precipitable Water 700-1000mb		x		NASA/JPL
5-U	Atmospheric IR Sounder (AIRS) - Temperature 300mb		x		NASA/JPL
5-V	Atmospheric IR Sounder (AIRS) - Temperature 500mb		x		NASA/JPL
5-W	Atmospheric IR Sounder (AIRS) - Temperature 925mb		x		NASA/JPL
6	IPCC Climate Models				
6-D	IPCC Temperature Change, GFDL Model		x		Geophysical Fluid Dynamics Lab
6-E	IPCC Temperature Change, CCSM Model		x		NCAR
6-F	IPCC Temperature Change, UKMET Model		x		UK Meteorology Office (UKMET)
6-G	IPCC Precipitation Anomaly, GFDL Model		x		NOAA/GFDL
6-H	GFDL Sea Ice Modeling (1861-2100)		x		NOAA/GFDL
7	Astronomy Collection (Included)				
	Solar System				
7-A	Mercury	x			NASA
7-B	Venus	x			NASA
7-C	Venus Radar	x			NASA
7-C2	Venus Topography	x			NASA
7-D	Earth with Clouds	x			NASA
7-E	Cloudless Earth	x			NASA
7-F	Earth Topography	x			NASA
7-G	Moon	x			Clementine/Jens Meyer
7-H	Moon Landings	x			NASA/GSFC
7-I	Mars	x			NASA
7-J	Mars with Clouds	x			NASA
7-K	Mars Magnetic Field	x			NASA
7-L	Mars MOLA (Topography)	x			NASA
7-M	Jupiter	x			NASA
7-N	Jupiter Cloud Animation		x		NASA
7-O	Io	x			NASA
7-P	Europa	x			NASA
7-Q	Ganymede	x			NASA
7-R	Callisto	x			NASA
7-S	Saturn	x			NASA
7-T	Mimas	x			NASA
7-U	Enceladus	x			NASA
7-V	Tethys	x			NASA
7-W	Dione	x			NASA
7-X	Rhea	x			NASA
7-Y	Titan	x			NASA
7-Z	Iapetus	x			NASA
7-AA	Phoebe	x			NASA
7-BB	Uranus	x			NASA
7-CC	Ariel	x			NASA
7-DD	Umbriel	x			NASA
7-EE	Titania	x			NASA
7-FF	Oberon	x			NASA
7-GG	Miranda	x			NASA
7-HH	Neptune	x			NASA
7-II	Triton	x			NASA
7-JJ	Visible Sun Image	x			NASA
7-KK	Visible Sun with Planet Scale	x			NASA/ARC

7-LL	SOHO 30 Day Animation		x		NASA
7-MM	XRAY Sun Animation		x		NASA
7-NN	Milkyway-Full Deep Sky	x			Axel Mellinger
7-OO	Milkyway-Constellations	x			Axel Mellinger
7-PP	WMAP First Year	x			NASA/GSD
7-QQ	WMAP Third Year	x			NASA/GSD
7-RR	WMAP Fifth Year				NASA/GSD
8	Free (Included) Miscellaneous Content				
8-A	AGOL Physical Earth	x			AGOL - Courtesy of ESRI
8-B	AGOL Political Earth	x			AGOL - Courtesy of ESRI
8-C	AGOL Streets	x			AGOL - Courtesy of ESRI
8-D	AGOL Human Suffering	x			AGOL - Courtesy of ESRI
8-E	AGOL K-12 Education	x			AGOL - Courtesy of ESRI
8-F	AGOL Languages	x			AGOL - Courtesy of ESRI
8-G	NASA Base Earth	x			NASA
8-H	NASA Earth with clouds	x			NASA
8-I	NASA Night Lights	x			NASA
8-J	NGS Earth	x			NGS
8-K	AGOL Physical Earth	x			AGOL - Courtesy of ESRI
8-L	AGOL Population Density	x			AGOL - Courtesy of ESRI
8-M	Tree Cover - Broad Leaf	x			AGOL - Courtesy of ESRI
8-N	Tree Cover - Deciduous	x			AGOL - Courtesy of ESRI
8-O	Tree Cover - Evergreen	x			AGOL - Courtesy of ESRI
8-P	Tree Cover - Needle Leaf	x			AGOL - Courtesy of ESRI
8-Q	Tree Cover - Global Percentage	x			AGOL - Courtesy of ESRI
8-R	Global Time Zones	x			Library of Congress
8-S	Old World Map - Drake 1581	x			Library of Congress
8-T	Old World Map - De Jode 1589	x			Library of Congress
8-U	Old World Map - Moll 1719	x			Library of Congress
8-V	Old World Map - Maury 1848	x			Library of Congress
8-W	Old World Map - Wilkes 1856	x			Library of Congress
Other possible content not yet developed					
	Future Pangea - The next 200 million years of Earth Plate-Tectonics		x	x	
Anthropogenic Topics					
	History of Exploration	x	x		
	Centers of power, rise and fall of empires	x	x		
	Distribution of population, migration	x	x		
	Famines	x	x		
	Spread of Religion	x	x		
	Spread of diseases	x	x		
Traffic					
	Shipping traffic and shipping routes	x	x		
	Air traffic and air routes	x	x	x	
	Satellite orbits and their sphere of action	x	x	x	
Economics					
	Fishing areas	x			
	Crop yield	x			
	Energy resources	x			
	Economic power	x			
	Company locations (product lines, factories)	x	x		
	Presentation (shopping malls, exhibitions, museums)	x	x		

	Alliances, Pacts, Military power, Conflicts				
	Military alliances, pacts	x			
	Political formation (in the course of time)	x	x		
	Conflicts, wars	x	x		
	Wildlife				
	Migrations Patterns	x	x		
	Bird Flu incidences	x	x		
	Habitats	x	x		
	Endangered species	x	x		
	Extinction patterns	x	x		

Creating new content for the OmniGlobe is only as limited as the imagination. You can create your own custom imagery, animations or movies for the OmniGlobe or you can work with 3rd party media companies to create content specific to your needs. Please inquire for information about how to create your own content for the OmniGlobe Spherical Display!