



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.

**** - Additional Charge for this Content. All other content will be pre-installed on the system before delivery.**

		Image	Animation	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	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	Ron Blakey, ARC Science
1-H **	600 Million Year Paleo-Geographic Animation		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
2-L	Blue Marble 19,000BC - 10,000AD		x	Univ. of Zurich Applied Sciences
2-M	Simulation of a Tsunami originating near Puerto Rico		x	NOAA/Pacific Marine Env. Lab
2-N	Future Plate Tectonics (+ 200 Million Years)		x	Ron Blakey
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.
4-X	ECCO2 Ocean Currents Simulation		x	NASA MAP and MIT GCM
4-Y	Sea Surface Salinity		x	NOAA/GFDL
4-Z	Ocean Chlorophyll Concentration Model		x	Los Alamos National Laboratory
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 (2004)		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
5-X	AIRS Carbon Cycle (4 Year Model)		x	NASA/JPL
5-Y	GEOS 5 - Aerosols in the Atmosphere		x	NASA/JPL
5-Z	GEOS 5 - Carbon Dioxide in 2006		x	NASA/JPL
5-AA	GEOS 5 - Surface & Upper Level Winds (2005-2007)		x	NASA/JPL
5-BB	Major Sources of Tropospheric NO2		x	NASA/JPL
5-CC	5 Year Rolling Temperature Average (1880-2013)		x	NASA/Goddard
5-DD	Stratospheric Ozone over 1 Year (2014)		x	NOAA Vizualization Lab
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			
	Solar System			
7-A	Mercury from Messenger	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	Pluto	x		NASA
7-NN	Charon	x		NASA
7-OO	Ceres	x		NASA
7-PP	Simulation of the Auroras over 24 Hours		x	NOAA/SWPC
7-QQ	Milkyway-Full Deep Sky	x		Axel Mellinger
7-RR	Milkyway-Constellations	x		Axel Mellinger
7-SS	WMAP First Year	x		NASA/GSD
7-TT	WMAP Third Year	x		NASA/GSD
7-UU	WMAP Fifth Year			NASA/GSD
7-VT195	2012 Venus Transit as seen by the SDO in 195A		x	NASA/GSD
7-VT304	2012 Venus Transit as seen by the SDO in 304A		x	NASA/GSD
8	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
8-X	Simulations of Global Air Traffic over 24 Hours		x	Zurich University of Applied Science

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!