

GRACE Videos

GRACE Videos from internet

Title of video	Link	Length	Quality	Description	Purpose
GRACE mission measures global ice mass changes	http://www.jpl.nasa.gov/video/details.php?id=1062	1'48	720P	The animation shows the location of mountain glaciers and ice caps around the world with data from the GRACE mission to show recent trends in ice mass loss or gain.	Application
GRACE sees groundwater losses around the world	http://grace.jpl.nasa.gov/resources/9/	4'25	360P	The animation displays trends in total water storage measured by GRACE from 2003.01 to 2009.12	Application
Scale in the sky	http://grace.jpl.nasa.gov/resources/26/	1'42	1080P	The animation introduces the principle of gravity and GRACE	Education
GRACE data over the United States	http://grace.jpl.nasa.gov/resources/5/	1'45	360P	This animation illustrates the highs and lows of the Earth's gravity field as water in the basins of the U.S. changes from 2003 to 2013	Application
GRACE: Tracking Water from Space	https://www.youtube.com/watch?v=hDtYhTCXpbA	7'09	1080P	The video shows the principle of GRACE missions with interviews over two scientists	Education
Gravity Recovery and Climate Experiment from WizScience.com	https://www.youtube.com/watch?v=Vd2GBZPUBgc	2'08	1080P	This animation was made by WizScience to introduce climate change and the principle of GRACE missions to children of all ages	Education
GRACE Satellite shows Greenland mass loss	https://www.youtube.com/watch?v=hE9_o-RShjw	0'50	1080P	GRACE satellite shows Greenland mass loss from 2004.01 to 2014.06	Application
GRACE Satellite shows Antarctic mass loss	https://www.youtube.com/watch?v=gbCoi51q4m0	0'43	1080P	GRACE Satellite shows Antarctic mass loss from 2004.01 to 2014.06	Application
Groundwater Depletion in India Revealed by GRACE	https://www.youtube.com/watch?v=DvdzWbtAlKo	1'06	1080P	This video shows groundwater depletion from 2003 to 2013 in India revealed by GRACE	Application
NASA shows severity of California's drought	https://www.youtube.com/watch?v=GIIHSY6CVr0	0'21	1080P	NASA shows severity of California's drought from 2002.09 to 2013.11	Application
Ocean bottom pressure from GRACE	https://www.youtube.com/watch?v=bsHiOB86-no	1'14	720P	This video shows ocean bottom pressure from 2002.10 to 2012.04	Application
Global terrestrial water storage anomaly	https://www.youtube.com/watch?v=FLEc2sSzxqQ&index=7&list=PL6vzpF_OEV8kibo-U1MWh_tEEMe3CfWeX	0'14	1080P	This video shows a global map of water storage anomaly.	Application

A summary of the videos

- The GRACE Data used in the videos are not up to date and the latest is up to June, 2014.
- Each GRACE application related video shows only one aspect of the application of GRACE, e.g. ice mass change in Greenland, or shows the application in one specific region, e.g. groundwater depletion in India. No video compiles all the potential applications of GRACE.
- No video shows the application of GRACE over Europe.
- No video shows the potential application of GRACE for a near-real time regional service or a hydrological warning service.

Your comments???