



Sally Ride EarthKAM

Earth Knowledge Acquired by Middle School Students



User Guide

Last updated: 10/21/2013



Table of Contents

Welcome to Sally Ride EarthKAM!	3
Using Your Teacher Account	4-6
Using Your Mission Account	7-24
Log In to Mission Operations Center	8
Mission Operations Center	9-10
Welcome	11-12
Making Image Requests	13-16
Viewing Image Requests	17-18
School Gallery	19-20
Weather	21
Status	22-23
Help	24



Sally Ride EarthKAM on the International Space Station



Welcome to Sally Ride

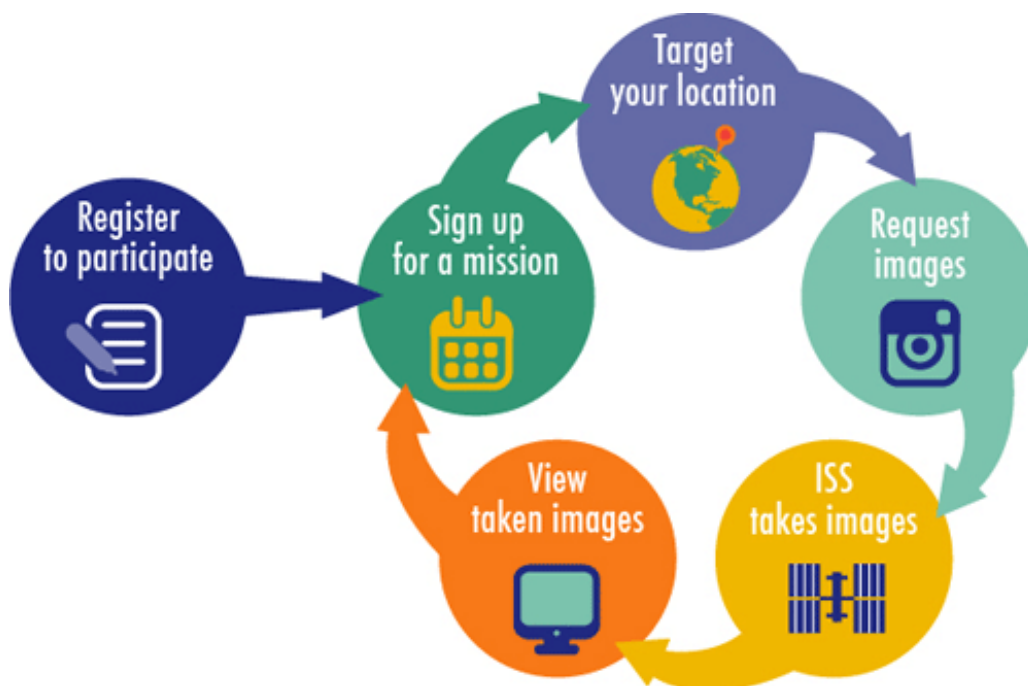
EarthKAM!

Sally Ride EarthKAM (Earth Knowledge Acquired by Middle school students) is an educational outreach program sponsored by NASA that allows students around the world to take pictures of Earth from a digital camera aboard the International Space Station (ISS).

Use this guide as a reference to ensure a smooth and successful Sally Ride EarthKAM mission!

Getting Started

Getting started with Sally Ride EarthKAM is easy.



Using Your Mission Account and Teacher Account

Educators who register for Sally Ride EarthKAM and have their registration approved will receive login information for a **Mission** account and a **Teacher** account. During Sally Ride EarthKAM missions, the **Mission** account lets students and their teachers pinpoint locations all over the globe and request images. The **Teacher** account lets educators update their profiles, sign up for missions, and see their assigned codewords. Each codeword can be used to make one image request.



Sally Ride EarthKAM

Using Your Teacher Account



Teacher Account

Your Sally Ride EarthKAM **Teacher** account allows you to sign up for missions and manage your account information. Here's how to get started.

1. To log in to your **Teacher** account, first visit the Sally Ride EarthKAM homepage at: <https://earthkam.ucsd.edu/>.
2. Please click on the red **Log In** button in the top right-hand corner of the page. A pop-up will then appear and you will see two login options: a **Mission** account login and a **Teacher** account login.
3. Click on **Teacher** and enter the username and password you received in your registration confirmation email.
4. Then click the green **Log In** button.



Please note that the password is case-sensitive and should be entered exactly as shown in your email. If you have trouble logging in, please contact us at ek-help@earthkam.ucsd.edu

Once you are logged in, you will see your **Teacher Dashboard**. Here you can sign up for upcoming missions, view and edit your account information, log in to the **Mission Operations Center**, view and sort your codewords, and view your mission sign-up history.

Mission Sign Up
see page 6

Edit Profile
see page 6

My Codewords
see page 6

Mission	Date	Signed up on	Profile
ISS13_10	October 21, 2013	October 4, 2013	View
ISS13_07	July 7, 2013	June 28, 2013	View
ISS13_04	April 22, 2013	April 5, 2013	View
ISS13_01	January 28, 2013	January 22, 2013	View
ISS13_01	January 28, 2013	January 16, 2013	View
ISS12_11	November 12, 2012	November 9, 2012	View
ISS12_07_2	July 9, 2012	July 6, 2012	View
ISS12_07	July 9, 2012	May 30, 2012	View
ISS12_05	May 7, 2012	April 16, 2012	View
ISS12_01	January 30, 2012	January 11, 2012	View
ISS11_11	October 31, 2011	October 31, 2011	View
ISS11_07	July 25, 2011	July 22, 2011	View
ISS11_04	April 4, 2011	February 28, 2011	View

To log out of your **Teacher** account, click **Log Out** at the top right corner of the page.

To log in to the **Mission Operations Center**, click on the blue **Mission Login** button. This automatically logs you out of your **Teacher** account and brings you back to the Sally Ride EarthKAM homepage. Here you can log in to your **Mission** account using the username and password you received in your registration confirmation email.



Mission Sign Up

To sign up for a mission, click on the blue **Mission Sign Up** button at the top of the page. Enter all relevant information and then click **Submit**. To take part in a mission, you must sign up.

Mission Sign Up

Select a mission:
2013 - October Mission (October 22 - October 25)

YOUR MISSION PROFILE

Participating grades: *

Number of participating students: *

Number of participating educators: *

How do you plan to use ISS EarthKAM in your classroom? *

Will your class use mobile devices like tablets (iPad, IOS, Android)? If so, which ones? *

Submit

Edit Profile

Here you can edit your name, email address, and contact information. You can also change your password for both your **Teacher** and **Mission** accounts. Once you have finished editing your information, click **Submit** to save.

Edit Profile

First Name: *

Last Name: *

Email Address: *

Add to mailing list

Telephone: *

CHANGE PASSWORD

New password:

Confirm password:

MISSION ACCOUNT

Username:
UCSD-smoc

New password:

Confirm password:

Submit [Back to profile](#)

My Codewords

Codewords needed for image requests are generated a few days before the mission begins and sent to everyone who is signed up for that mission. To see your codewords, click the blue **My Codewords** button. Here you can view and sort used and available codewords for current and past missions. You may find that printing unused codewords for the current mission and passing them out to your students is a good way to distribute them.

My Codewords

Mission: ISS13_07 Show

Codewords: Unused Used All

Request Status: Taken

[Back to My Profile](#)

688 codewords found.
[Download this information as a spreadsheet.](#)

Codeword	Status
UC60429	Taken
UC60430	Taken
UC60431	Taken
UC60432	Taken
UC60433	Taken
UC60434	Taken
UC60435	Taken



If an image request is successful, the status for the associated codeword will be changed to a link that says **Taken**. Clicking on this link will bring you to the image in the Sally Ride EarthKAM Image Gallery.



Sally Ride EarthKAM

Using Your Mission Account

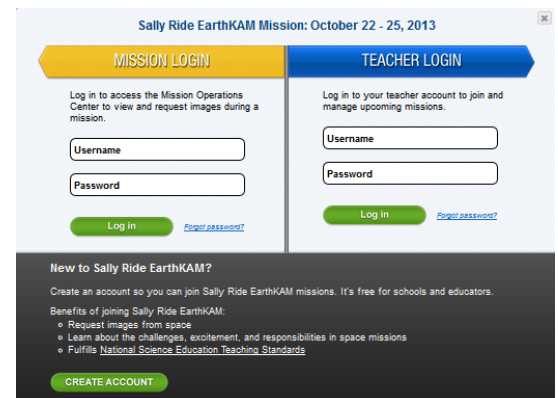


Log In to Mission Operations Center



The **Mission Operations Center** is where students and their teachers can request and track Sally Ride EarthKAM images. Here's how to get started.

1. Go to the Sally Ride EarthKAM homepage:
<http://www.earthkam.ucsd.edu>
2. Click on the red **Log in** button in the top right-hand corner of the page. You will then see **Mission Login** at the top of the right-hand column.
3. Enter your "Mission Username" and "Mission Password." Teachers receive this login information in the emails confirming their registration.
4. Click on the green **Log In** button.



Please note that the password is case-sensitive and should be entered exactly as shown in your email. If you have trouble logging in, please contact us at ek-help@earthkam.ucsd.edu

Log Out of Mission Operation Center

To log out of your **Mission** account, click **Log Out** at the top right-hand corner of the page.



Sally Ride EarthKAM on the International Space Station



Mission Operations Center

When you have successfully logged in, you will see the **Welcome** page for the **Mission Operations Center**. This is the starting point for submitting requests for images to the Sally Ride EarthKAM camera.

The screenshot shows the website's header with the EarthKAM logo, the title 'Sally Ride EarthKAM on the International Space Station', and a NASA logo indicating it is a mission administered by Sally Ride Science. A navigation menu includes 'HOME', 'ABOUT', 'IMAGES', 'RESOURCES', 'HELP', and 'Mission Operations Center | Log out'. The user is logged in as 'UCSD-smoc'.

The main content area is titled 'Mission Operations Center' and features a sub-menu with 'Welcome', 'Image Request', 'View Requests', 'School Gallery', 'Weather', 'Status', and 'Help'. A welcome message states: 'Welcome to EarthKAM! The next EarthKAM mission is tentatively scheduled for Oct 22-25, 2013. EarthKAM will be staffed today from 8AM to 5PM PST. If you have any questions or concerns, please contact us at ek-help@earthkam.ucsd.edu.' Below this are three buttons: 'Make Image Request', 'View All Requests', and 'School Gallery'.

There are two sections with no data: '10 Most Recent Request Updates' (No requests found.) and 'Current and Upcoming Orbits' (There are no current orbits.). A link 'Go to the Status page.' is provided.

A sidebar on the right contains a 'GMT Clock' showing '2013/289/21:55:45' on 'October 16, 2013', a 'no current orbit' status, and a 'Help' section with instructions on how to use the center and links to the 'Status' section.

The footer is divided into four columns: 'EXPLORE' (Home, About Sally Ride EarthKAM, Search), 'JOIN A MISSION' (Create an account, Manage your mission, Join a mission), 'SUPPORT' (Contact Sally Ride EarthKAM, Help, Privacy Policy, Site Map), and 'STAY CONNECTED' (Facebook Like: 733, Twitter Follow: 474 followers, Facebook and Twitter icons). Copyright © 2013 Sally Ride Science. All Rights Reserved.



The **Mission Operations Center** is separated into seven sections:

- **Welcome** - Find information here about the status of the current Sally Ride EarthKAM mission.
- **Image Request** - Make image requests here.
- **View Requests** - Check on the status of your image requests.
- **School Gallery** - Review images taken by your school.
- **Weather** - Check cloud and weather conditions as you prepare to submit image requests.
- **Status** - Look here for detailed information about future orbits and deadlines for image requests.
- **Help** - Find step-by-step instructions to help you make the most of your Sally Ride EarthKAM experience.

GMT Clock

2013/016/17:10:38

January 16, 2013

At the top of the right-hand column is a clock giving the time in Greenwich Mean Time (GMT). Deadlines for requesting Sally Ride EarthKAM images are in GMT. Use the **GMT Clock** to help you meet deadlines for requesting images.

Current Orbit

141 Day

GMT Day

2013/031/21:07:10

GMT Night

2013/031/21:53:26

Next Orbit

2013/031/22:40:01

Upcoming Deadline

2013/031/22:12:52

Under the GMT Clock is a **Current Orbit** box. Check here to see where the International Space Station currently is traveling.

Refer to **Next Orbit** for the deadline for requesting images from the next ISS orbit.

Current Orbit

no current orbit found

Upcoming Deadline

2013/030/16:48:41

When there is no mission underway, you will see this box.



The Welcome Page

On the **Welcome** page are buttons you can use to navigate to **Make an Image Request**, **View All Requests**, or visit your **School Gallery**.



Also on the **Welcome** page is a table showing the 10 most recent changes in the status of your school's image requests. Your image requests will appear here when they are first accepted. You can also see when the status of an image request changes—for instance, when an image has been taken by the Sally Ride EarthKAM camera. To find out more about image request statuses, click the **View Requests** tab at the top of the page.

10 Most Recent Request Updates

School	RID	GMT	Orbit	Status	Location	Mission
UCSD-smoc	44134	2013/030/20:39:06	126	Submitted		ISS13_01
UCSD-smoc	44133	2013/030/19:22:45	125	Locked Uplinked		ISS13_01
UCSD-smoc	44132	2013/030/19:22:45	125	Submitted	Brazil	ISS13_01



The **Welcome** tab also has a table with the next 10 International Space Station orbits.

The orbit in which the ISS is currently traveling and taking daytime images is highlighted in yellow.

The next orbit deadline for which you can request images is highlighted in orange. You may request images from this orbit and beyond.

All image requests for all orbits highlighted in green must be submitted by this deadline.

Current and Upcoming Orbits

KEY	Current orbit ?	Next orbit deadline ?	Orbits with the same deadline
-----	-----------------	-----------------------	-------------------------------

Orbit	Longitude Day	GMT Day	Longitude Night	GMT Night	Deadline
1414	28.647° E	293/12:00:00	70.363° E	293/12:09:29	293/10:00:00
1415	120.551° W	293/12:56:05	46.937° E	293/13:42:23	293/10:56:05
1416	143.787° W	293/14:28:59	23.417° E	293/15:15:18	293/12:28:59
1417	167.114° W	293/16:01:54	0.662° E	293/16:48:12	293/14:01:54
1418	169.265° E	293/17:34:48	22.87° W	293/18:21:07	293/15:34:48
1419	146.508° E	293/19:07:43	46.312° W	293/19:54:02	293/17:07:43



You must submit image requests for specific orbits before the listed deadlines have passed. You can make image requests for the orbit highlighted in orange and the later orbits listed below it. Orbits listed above the orbit highlighted in orange have already passed the submission deadline.

Locate the row for **Next orbit deadline** and take note of the orbit number and the GMT deadline. You can request images for this orbit and the ones after it.

The table lists only the next 10 orbits. For more extensive information on future orbits, click the **Status** tab at the top of the page.



Making Image Requests

On the **Image Request** page, you can identify image opportunities by examining the ground track of the International Space Station projected over a map of the Earth.

1. To make an image request, click the **Image Request** tab.

EarthKAM Sally Ride EarthKAM on the International Space Station

HOME ABOUT IMAGES RESOURCES HELP Mission Operations Center | Log out

Home » Mission Operations Center You are currently logged in as UCSD-smoc

Mission Operations Center

Welcome Image Request View Requests School Gallery Weather Status Help

Image Request

Step 1: Select an orbit range to display on the map.

Hide orbits
 Orbits 1372 - 1373

Step 2: Click on the map below to select a point. You will be shown the point along the orbit ground track where the image will be taken. Images can only be taken during **daylight periods**.

[Reset map] KEY Day Night

Map Satellite

Google Imagery ©2013 NASA, TerraMetrics Terms of Use

Set your location: Latitude ° N S Longitude ° E W Go

Current mouse position: 38.94° S, 56.60° W

GMT Clock
2013/289/21:59:54
October 16, 2013

Current Orbit
no current orbit found
Upcoming Deadline
2013/290/17:53:47

Help
Choose an orbit with an active deadline (found from the Status section).
Click on the map to set a point on an orbit track.
is your image opportunity. The **Image Request Info** table below shows information about it.
Click on the [Request Image] button. Enter a new codeword.
Enter the data you see from Image Request info into the Image Request form.
Repeat for new image requests. Or go to View Requests to check on submitted requests.

2. Select the desired orbit range to view by clicking on one of the orbit options at the top of the **Image Request** page.



Note that the **red** portion of the ground track corresponds to daytime, when the camera can take images. The **blue** portion corresponds to nighttime, when the camera cannot capture images because of lack of light.



3. Select your desired location near the red ground tracks by clicking on the map. You can zoom in for more detail. Notice that the bottom section of the page gives the latitude and longitude of your selected point and the distance from the ISS ground track.




A good rule of thumb is to make sure to select a point closer to the red orbit line in order to get the best possible image of the area. With the 50mm lens, the camera sees roughly 35 miles on either side of the ground track. With the 180mm lens, the camera sees roughly 11 miles on either side of the ground track.

4. You can also pinpoint your desired location by manually entering the latitude and longitude in the **Set your location** bar and then clicking **Go**.

 **Set your location:** Latitude ° N S Longitude ° E W Go 

 **Current mouse position:** 89.71° S, 76.69° W

5. Once you have selected your desired location, make note of the orbit, latitude, longitude, and GMT information listed in the **Image Request Info** box on the bottom of the screen. You will need this information to submit your image request.


 **Image Request Info**

Orbit _____

GMT _____

Latitude _____

Longitude _____

 Record this data for your image request

Request Image

6. To make your image request, click on the yellow **Request Image** button in the bottom right corner of the box.



Image Request ✕

Mission*

Codeword*

7. In the pop-up window titled **Image Request**, enter one of the codewords your teacher received by email.



Note that each codeword may only be used once. All codewords are case-sensitive.

8. Click the **Submit** button.
9. Once your codeword is accepted, you will be asked to enter the orbit, GMT, latitude, and longitude.
10. To finalize the image request, make sure all of the information is correct and click **Submit**.
11. If your image request is accepted, you will receive this confirmation message:
Codeword accepted, please make your request.
12. If the orbit deadline has passed for your image request, you will receive this message:
The deadline for this orbit has passed! Please try another orbit.

If you encounter this error, go to **Status** tab and check the current orbit and the next orbit deadline. Use the GMT clock in the right column to assist you. Select a new location from orbits with valid deadlines.



13. You may also encounter this error:

That codeword doesn't exist.

This might be because the codeword was not entered correctly. Remember that codewords may only be used once and that all codewords are case-sensitive.

14. If a codeword has already been used, you will see information from the previous request:

Image Request ✕

That codeword has already been used. Here's its request.

The Request	
Codeword	UC60001
Orbit	1357
Latitude	13.92°N
Longitude	107.34°W
GMT	2013/289/21:13:26
Location	
Reason and description	
<hr/>	
Request ID	3770
Status	LOCKED CCFED
Photo URL	- not yet available -

Mission*

Codeword*



Viewing Requests

The **View Requests** page allows you to check the status your school's image requests. You can navigate with the blue buttons at the top of the page to **View All Image Requests**, **Pending Image Requests**, and **Taken Image Requests**. You can also use the **Advanced Search** button to find specific image requests.

1. Click the **View Requests** tab. Below the navigations buttons, you will see a list of your image requests with notations about their status.

View Requests

Mission * 2013 - July Mission

[View All Requests](#)
[Pending Image Requests](#)
[Taken Image Requests](#)
[Advanced Search](#)

School	RID	GMT	Orbit	Status	Location	Mission
UCSD-smoc	83990	2013/192/16:28:53	3850	Taken		ISS13_07
UCSD-smoc	83999	2013/192/17:54:01	3851	Taken		ISS13_07
UCSD-smoc	84001	2013/192/18:00:35	3851	Taken		ISS13_07
UCSD-smoc	84003	2013/192/18:01:45	3851	Taken		ISS13_07
UCSD-smoc	84004	2013/192/18:02:16	3851	Taken		ISS13_07
UCSD-smoc	85273	2013/192/18:04:09	3851	Taken		ISS13_07
UCSD-smoc	85274	2013/192/18:04:11	3851	Taken		ISS13_07
UCSD-smoc	85277	2013/192/18:04:13	3851	Taken		ISS13_07
UCSD-smoc	85279	2013/192/18:04:15	3851	Taken		ISS13_07
UCSD-smoc	85065	2013/192/18:04:24	3851	Taken		ISS13_07
UCSD-smoc	85281	2013/192/18:04:24	3851	Taken		ISS13_07
UCSD-smoc	83790	2013/192/19:30:54	3852	Taken		ISS13_07
UCSD-smoc	83796	2013/192/19:30:55	3852	Taken		ISS13_07
UCSD-smoc	83805	2013/192/19:30:56	3852	Taken		ISS13_07
UCSD-smoc	83809	2013/192/19:31:28	3852	Taken		ISS13_07
UCSD-smoc	85078	2013/192/19:31:35	3852	Taken		ISS13_07

50 Page 16 of 22 Displaying 751 to 800 of 1063 items

2. Scroll to the bottom of the **View Requests** page to find a key that explains the various status notations.

Status	Description
Submitted	UCSD has received this image request.
Locked CCFed	This image request has been included in the camera control files.
Locked Uplinked	The camera control file that includes the image request has been uplinked to the ISS.
Taken	This image has been taken and available for viewing.
Rejected - time invalid	This image selection contained incorrect information.
Missing - camera malfunction	This image selection is missing due to the reason given.
Missing - software malfunction	This image selection is missing due to the reason given.
Missing - uplink delayed	This image selection is missing due to the reason given.
Missing - station event conflict	This image selection is missing due to the reason given.
Camera system unavailable	The camera was not available to take this image.



3. Click the **Advanced Search** button to find specific image requests from your school by searching for a codeword or by entering specific image request information.

View Requests

Mission *

- OR -

 Search all schools ?

Orbits: to

Status: ?

School	RID	GMT	Orbit	Status	Location	Mission
UCSD-smoc	84174	2013/189/15:29:20		Taken		ISS13_07
UCSD-smoc	83902	2013/189/15:33:45		Taken	North Dakota	ISS13_07
UCSD-smoc	84105	2013/189/15:36:08		Taken		ISS13_07
UCSD-smoc	84183	2013/189/15:39:30		Taken		ISS13_07
UCSD-smoc	83905	2013/189/15:41:29		Taken	Canada	ISS13_07
UCSD-smoc	84096	2013/189/15:41:38		Taken		ISS13_07
UCSD-smoc	83908	2013/189/15:52:26		Taken	Morocco	ISS13_07
UCSD-smoc	84185	2013/189/15:57:28		Taken		ISS13_07
UCSD-smoc	83911	2013/189/15:59:07		Taken	nigeria	ISS13_07
UCSD-smoc	84169	2013/189/16:01:12		Taken		ISS13_07
UCSD-smoc	83913	2013/189/16:01:13		Taken	Cameroon	ISS13_07
UCSD-smoc	83914	2013/189/16:01:13		Taken	Cameroon	ISS13_07
UCSD-smoc	83918	2013/189/17:07:00		Taken	Seattle, Washington	ISS13_07
UCSD-smoc	84180	2013/189/17:07:00		Taken		ISS13_07
UCSD-smoc	84102	2013/189/17:11:29		Taken		ISS13_07
UCSD-smoc	83922	2013/189/17:16:57		Taken	Canada	ISS13_07

50 Page 1 of 14 Displaying 1 to 50 of 688 items

4. You can view a single image request by searching with a specific codeword. To do this, input the used codeword for the image you want to see under **Search by codeword** and click **Search**. Remember, codewords are case-sensitive.
5. **Search by school** allows you to search requests submitted by your school with detailed options related to each image. You can search by day, orbit, or image request status (see page 17 for a list of statuses).
6. Once you've submitted your information for the search, image requests that fit your search criteria will appear. If you don't see any image requests, try changing your search or choosing a larger orbit range.



School Gallery

Your **School Gallery** allows you to view all of the images that were requested by students or teachers at your school. Unlike the public gallery, your **School Gallery** allows you to search for images using Request IDs (RID) or codewords.

To see the Sally Ride EarthKAM **Image Gallery**, with images requested by students all over the United States and in many other countries, click the link on the **School Gallery** page, click the **Images** button in the top navigation bar, or visit: <http://images.earthkam.ucsd.edu>.

To view your **School Gallery**, click on the **School Gallery** tab.

The screenshot shows the Sally Ride EarthKAM website's School Gallery page. At the top, there is a navigation bar with links for HOME, ABOUT, IMAGES, RESOURCES, and HELP. A 'Mission Operations Center | Log out' link is also present. Below the navigation bar, the page title is 'Mission Operations Center'. A secondary navigation bar includes buttons for 'Welcome', 'Image Request', 'View Requests', 'School Gallery' (which is highlighted), 'Weather', and 'Status'. A 'GMT Clock' widget shows the time as 2013/289/22:05:12 on October 16, 2013. The main content area is titled 'School Gallery' and contains a paragraph explaining that the gallery allows access to images requested by the user's school and that it supports searching by Request ID (RID) or codeword. It also provides instructions on how to access image downloads and a link to the public image gallery. Below this text is a search form with fields for Mission (set to 'All'), Request ID (RID), Codeword, and Date Taken, each with a 'Search' button. There are also radio buttons to 'View images as' either a 'Grid' or a 'Map'. The 'Grid View' section displays a 3x3 grid of nine satellite images, each with a caption: IMAGE_2304, IMAGE_2305, IMAGE_2306, IMAGE_2307, IMAGE_2308, IMAGE_2309, IMAGE_2310, IMAGE_2311, and IMAGE_2312. At the bottom of the grid, there is a pagination control showing '<< First', '< Previous', '4' (selected), 'of 520', 'Next >', and 'Last >>'.



Sally Ride EarthKAM on the International Space Station



You can view images by filling in the Request ID, the codeword, or the date an image was taken in the purple search box.

Mission ▾

Request ID (RID)

Codeword

Date Taken to

View images as

You can also view images and their accompanying information by clicking on a thumbnail in your **School Gallery** and then clicking the **Complete image information** link.

IMAGE_2197 ✕



Photo ID	2197
Time Taken (GMT)	2010/32/20:38:21
Center	0.00° E, 0.00° N
Request ID	1106; 1107; 1108

[Complete image information](#)

IMAGE_2197



Weather

The **Weather** page lets you assess cloud cover and other weather conditions in places where you are hoping to capture images. This will help you to obtain images where land features are clearly visible and not obscured by clouds.

To visit the **Weather** page, click on the **Weather** tab.

The screenshot displays the Sally Ride EarthKAM website interface. At the top, there is a navigation bar with links for HOME, ABOUT, IMAGES, RESOURCES, and HELP. The 'Weather' tab is highlighted. Below the navigation bar, the page title is 'Mission Operations Center' and it shows the user is logged in as 'UCSD-smoc'. The main content area is titled 'Weather' and includes a warning: 'Don't forget to check the cloud and weather conditions as you're making image requests.' It lists three useful websites for checking conditions: intellecast.com/Global, weather.com, and accuweather.com. Below this, there is a section for 'Current Global Conditions' which explains that an infrared satellite image shows current cloud temperatures, with brighter clouds being colder and indicating stormy weather. An infrared satellite image of Earth is shown, with a copyright notice for '©2013 AccuWeather.com'. On the right side of the page, there is a 'GMT Clock' showing the date 'October 16, 2013' and time '2013/289/22:07:30', and a status indicator that says 'no current orbit'.

Under **Current Global Conditions**, you will see an infrared satellite image of Earth showing the current temperatures of the clouds. Areas of medium brightness are experiencing normal conditions. Brighter clouds are colder. The brightest spots are coldest and may indicate stormy weather.

You will also find links to websites where you can verify weather conditions in the area you are hoping to target.



Status

To see more extensive information about upcoming orbits, visit the **Status** tab. This will allow you to plan further ahead as you identify image possibilities.

The screenshot shows the Mission Operations Center interface. At the top, there are navigation tabs: HOME, ABOUT, IMAGES, RESOURCES, HELP, and Mission Operations Center | Log out. Below this, the 'Status' section is highlighted. It contains two boxes: 'Status updates' and 'Deadlines'. The 'Status updates' box says 'No status updates yet'. The 'Deadlines' box lists two orbits: Orbit 1372 is due at 290/17:53:47 and Orbit 1373 is due at 290/19:26:42. To the right, there is a 'GMT Clock' showing 2013/289/22:07:20, a 'Current Orbit' section stating 'no current orbit found', and a 'Help' section with instructions on how to make an image request. Below the status boxes is a table for 'Current and Future Orbits' with columns for Orbit, Longitude Day, GMT Day, Longitude Night, GMT Night, and Deadline. The table lists orbits 1372 and 1373. At the bottom, there are sections for 'EXPLORE', 'JOIN A MISSION', 'SUPPORT', and 'STAY CONNECTED'.

Check the two **Status** boxes at the top of the page for mission updates.

Status

<p>Status updates</p> <p>No status updates yet</p>	<p>Deadlines</p> <p>Orbit 1414 is due at 293/10:00:00 Orbit 1415 is due at 293/10:56:05 Orbit 1416 is due at 293/12:28:59 Orbit 1417 is due at 293/14:01:54</p>
---	---

This box provides general updates about the mission.

These deadlines are given in Greenwich Mean Time (GMT). You must submit your image requests for each orbit by the deadlines shown in this box.



Sally Ride EarthKAM on the International Space Station



The **Current and Future Orbits** table is similar to that table on the **Welcome** page, but it presents a more extensive list of upcoming ISS orbits and deadlines for requesting images.

The orbit in which the ISS is currently traveling and taking daytime images is highlighted in yellow.

The next orbit deadline for which you can request images is highlighted in orange. You may request images from this orbit and beyond.

All image requests for all orbits highlighted in green must be submitted by this deadline.

Current and Future Orbits

KEY	Current orbit ?	Next orbit deadline ?	Orbits with the same deadline
-----	-----------------	-----------------------	-------------------------------

Orbit	Longitude Day	GMT Day	Longitude Night	GMT Night	Deadline
1414	28.647° E	293/12:00:00	70.363° E	293/12:09:29	293/10:00:00
1415	120.551° W	293/12:56:05	46.937° E	293/13:42:23	293/10:56:05
1416	143.787° W	293/14:28:59	23.417° E	293/15:15:18	293/12:28:59
1417	167.114° W	293/16:01:54	0.662° E	293/16:48:12	293/14:01:54
1418	169.265° E	293/17:34:48	22.87° W	293/18:21:07	293/15:34:48
1419	146.508° E	293/19:07:43	46.312° W	293/19:54:02	293/17:07:43
1420	122.986° E	293/20:40:37	69.064° W	293/21:26:56	293/18:40:37
1421	99.561° E	293/22:13:32	92.678° W	293/22:59:51	293/20:13:32
1422	76.818° E	293/23:46:26	115.998° W	294/00:32:45	293/21:46:26
1423	53.204° E	294/01:19:21	138.736° W	294/02:05:40	293/23:19:21
1424	29.874° E	294/02:52:15	162.933° W	294/03:38:34	294/00:52:15
1425	7.137° E	294/04:25:10	174.331° E	294/05:11:28	294/02:25:10
1426	17.058° W	294/05:58:04	150.911° E	294/06:44:23	294/03:58:04
1427	39.804° W	294/07:30:59	127.387° E	294/08:17:17	294/05:30:59
1428	63.228° W	294/09:03:53	104.652° E	294/09:50:12	294/07:03:53
1429	109.47° W	294/12:09:42	57.728° E	294/12:56:01	294/08:36:48
1430	132.977° W	294/13:42:37	35.009° E	294/14:28:55	294/11:42:37



Sally Ride EarthKAM on the International Space Station



Help

Visit the **Mission Operations Center Help** page to download the Sally Ride EarthKAM User Guide.

Click on the red **Help** tab to reach this page.

The screenshot shows the website's header with the EarthKAM logo, the title 'Sally Ride EarthKAM on the International Space Station', and a NASA logo indicating the mission is administered by Sally Ride Science. A navigation menu includes 'HOME', 'ABOUT', 'IMAGES', 'RESOURCES', 'HELP', and 'Mission Operations Center | Log out'. Below the menu, a breadcrumb trail reads 'Home > Mission Operations Center' and a login status 'You are currently logged in as UCSD-smoc' is displayed. The main content area features a 'Mission Operations Center' heading and a row of tabs: 'Welcome', 'Image Request', 'View Requests', 'School Gallery', 'Weather', 'Status', and 'Help' (highlighted in red). A message states: 'To learn how to use your Mission Operations Center, download the [Sally Ride Science EarthKAM User Guide](#). More information coming soon.' To the right, a 'GMT Clock' widget shows the time as 2013/289/22:11:01 on October 16, 2013, and indicates 'no current orbit'. The footer is divided into four sections: 'EXPLORE' (Home, About Sally Ride EarthKAM, Search), 'JOIN A MISSION' (Create an account, Manage your mission, Join a mission), 'SUPPORT' (Contact Sally Ride EarthKAM, Help, Privacy Policy, Site Map), and 'STAY CONNECTED' (Facebook Like: 733, Twitter Follow: 474 followers, and social media icons for Facebook and Twitter). A copyright notice at the bottom reads 'Copyright © 2013 Sally Ride Science. All Rights Reserved.'