

Sally Ride EarthKAM Earth Knowledge Acquired by Middle School Students





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U.S. Space & Rocket Center.

Welcome to EarthKAM!

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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).

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Rocket Center

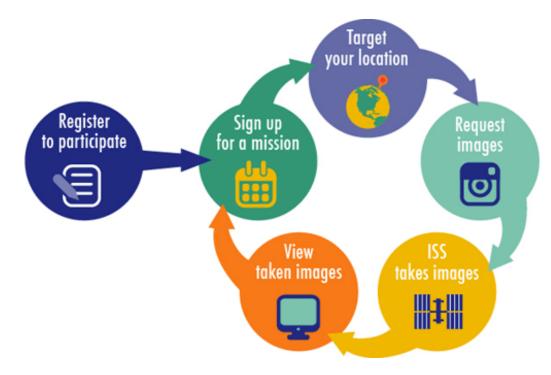
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Use this guide as a reference to ensure a smooth and successful Sally Ride EarthKAM mission!

Getting Started

Getting started with EarthKAM is easy.



Using Your Mission Account and Teacher Account

Educators who register for EarthKAM and have their registration approved will receive login information for a **Mission** account and a **Teacher** account. During 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.



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Using Your Teacher Account

Teacher Account

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

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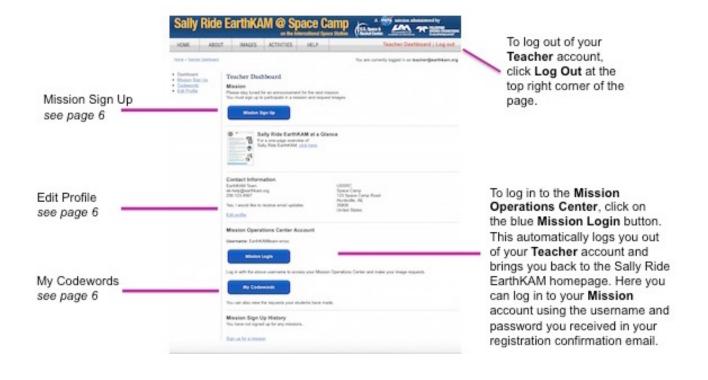
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- 1. To log in to your **Teacher** account, first visit the Sallly Ride EarthKAM@ homepage at: <u>https://earthkam.org</u>.
- Please click on the red Log In button in the top right-hand corner of the page. A pop-up will then appear and you will see 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 **help@earthkam.org**

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

EarthKAM

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.

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elect a mission:		AL			
2013 - October Mission (O	tober 22 - October 2	25) 💌			_
OUR MISSION PROFILE					
Participating grades: *					
Number of participating	students: *				
Number of participating	educators: *				
How do you plan to use	ISS EarthKAM in y	our classroom? *			
Will your class use mob	le devices like tab	lets (iPad, iOS, And	oid)? If so, which on	es?: *	

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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.

irst Name: *		H
ast Name: *		
mail Address: *		I
Add to mailing list elephone: *		I
ANGE PASSWORD		
New password:		I
Confirm password:		I
ISSION ACCOUNT		I
Username: UCSD-smoc		l
New password:		
Confirm password:		I

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
 m

 Back to My Profile
 668 codewords found.
 Demitlag this information as a spreadsheet.
 Second Status:
 Second Status:

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 EarthKAM **Image Gallery**.



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Using Your Mission Account

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Log In to Mission Operations Center

EarthKAM

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

- 1. Go to the EarthKAM homepage: <u>http://www.earthkam.org</u>.
- 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.
- Salty Ride EarthKAM Mission: October 22 25, 2013

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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 **help@earthkam.org**

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.

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 EarthKAM camera.

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OME	ABOUT IM	AGES ACTIV	TIES HELP	1	Mission Opera	tions Center Log out
rst + Masion	Operations Center			Y	ou are currently log	ged in as itse-sbridges-sm
ission	Operations	Center				GMT Clock
Welcome	Image Request	View Requests	School Gallery W	eather Status	Help	2015/295/14:37:18
	the Mission Operation	e Cented				October 22, 2015
		1.1012 (a at hain Manathiana			Current Orbit
you have	questions, we are here	no neipi contact t	is at the page and warns	29-		786 Night
-					10	GMT Day 2015/295/13:42:18
1	Make Image Reques	View	All Requests	School Gale	NV .	GMT Night 2015/295/14-28-25
0 Most R	ecent Request Un	dates				Next Orbit
0 Most R	ecent Request Up	dates				Next Orbit 2015/295/15:14:57 Upcoming Deadline
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lo requests Current al KEY	found. nd Upcoming Orbi Current orbit @	ts Next o				Next Orbit 2015/295/15:14:57 Upcoming Deadline 2015/295/14:47:36 Help You can learn how to use the Mission Operations Center by visting the Hel
lo requests Current a KEY Orbit	found. nd Upcoming Orbi Current orbit Longitude Day	Next o UTC Day	Longitude Night	UTC Night	Deadline	Next Orbit 2015/295/15:14:67 Upcoming Deadline 2015/295/14:47:36 Help You can learn how to use the Mission Operations Center by visiting the Hel section for a guick tutorial Or, you can start by visitin
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lo requests Current at KEY Orbit 786 787 788 789 790	found. Ind Upcoming Orbit Current orbit C Longitude Day 132.045° W 154.64° W 178.543° W 158.861° E 135.484° E	Next o UTC Day 295/13:42:18 295/15:14:57 295/16:47:36 295/16:20:14 295/19:52:53	Longitude Night 35.613° E 12.318° E 10.275° W 34.177° W 56.76° W	UTC Night 295/14:28:25 295/16:01:03 295/19:06:21 295/19:06:21 295/20:38:59	Deadline 294/22:00:00 294/22:00:00 295/14:47:36 295/16:20:14 295/17:52:53	Next Orbit 2015/295/15:14:57 Upcoming Deadline 2015/295/14:47:36 Help You can learn how to use the Mission Operations Center by visiting the Help section for a guick tutorial Or, you can start by visitin
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lo requests Current at KEY Orbit 786 787 788 789 790 791 792	found. Ind Upcoming Orbit Current orbit Longitude Day 132.045° W 154.64° W 178.543° W 158.861° E 135.484° E 112.372° E 89.248° E	Next o UTC Day 295/13:42:18 295/15:14:57 295/16:47:36 295/16:20:14 295/19:52:53 295/21:25:32 295/21:25:32	Longitude Night 35:613° E 12:318° E 10:275° W 34:177° W 56:75° W 80:131° W 103:241° W	UTC Night 295/14:28:25 295/16:01:03 295/19:06:21 295/20:38:59 295/22:11:38 295/23:44:17	Deadline 294/22:00:00 294/22:00:00 295/14:47:36 295/16:20:14 295/17:52:53 295/19:25:32 295/20:58:11	Next Orbit 2015/295/15:14:57 Upcoming Deadline 2015/295/14:47:36 Help You can learn how to use the Mission Operations Center by visiting the Help section for a guick tutorial Or, you can start by visitin

Go to the Status page.

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At the top of the right-hand column is a clock giving the time in

EarthKAM images are in GMT. Use the **GMT Clock** to help you

Under the GMT Clock is a Current Orbit box. Check here to see

Refer to **Next Orbit** for the deadline for requesting images from

where the International Space Station currently is traveling.

Greenwich Mean Time (GMT). Deadlines for requesting

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The Mission Operations Center is separated into seven sections:

- Welcome Find information here about the status of the current 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.

meet deadlines for requesting images.

the next ISS orbit.

Help - Find step-by-step instructions to help you make the most of your EarthKAM experience.

GMT Clock

2013/016/17:10:38 January 16, 2013

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

Current Orbit

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

no current orbit found Upcoming Deadline 2013/030/16:48:41



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.

Make Image Request

View All Requests

School Gallery

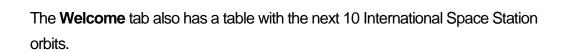
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Also on the **Welcome** page is a table showing the 10 most recent changes in the status of your school's image requests. Your image requests will appear here when they are first accepted. You can also see when the status of an image request changes-for instance, when an image has been taken by the 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		IS\$13_01
UCSD-smoc	44132	2013/030/19:22:45	125	Submitted	Brazil	ISS13_01



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

KEY

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.

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Current and Upcoming Orbits

Current orbit ⑦ Next orbit deadline ⑦

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Orbits with the same deadling

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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
<mark>141</mark> 5	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.

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

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OME.	ABOUT	MAGES	ACTIVITIES	HELP	Mission O	perations Center Log out
n + blann	themin box				You are correct	fy logged in its the oblidges were
issior		ions Cent	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	and the second second		GMT Clock
	1	vest Yes Re	quests 5120	el Gallery 🛛 🕅	rather Status Help	2015/295/14:45:09 Onder 23:3015
nage Re	quest					Current Orbit
ing to be	lect en orbit ran	de in gabys ou	the map			The Number
	e orbite					DATE Date
	65 759 - 273	00565774	and the second se	Ma 779 - 783	CH0458 754 - 788	2015/2015/13 K2 18 GMT Nages
1000	es 789 - 793 is 809 - 813	 OOSIS 7947 OOSIS 8147 		989 799 - 803 989 819 - 823	C0569 894 - 805 C0569 824 - 828	2015/09/14 29:20
	65-529 - 623 - 6	005th 834	Contraction and the second	site 628 - 643	CO059 544 - 545	Next Orbit 2010/2007/0114-07
00	0.049-055	00061358	454 0.04	101 100 - 102		Opcoming Deadline Distances in all of
×///		J	Ì			port in set-offel final. P is poor intege poopcaries Two integes Respect of the justice bolow it Color on the pleasant integes justice. Store is non- italianeed. Enter the able you are its integes fragment betw. Respect fragment betw.
		Lattice 0.00			·	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.

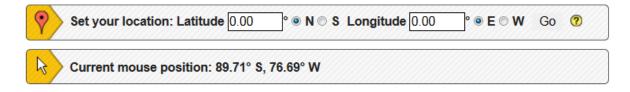


3. Select your desired location near the red ground tracks by clicking on the map. You can zoom in for more detail. Notice that the bottom section of the page gives the latitude and longitude of your selected point and the distance from the ISS ground track.



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**.



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.

Orbit	
GMT	
Latitude	
Longitude	
Record this data for your image request	

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

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	Image Request	×
	Mission* ISS13 10	

Submit	Close window

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



Codeword*

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:

(mage Reques	t	×
That codeword h	as 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		
Request ID	3770	-
Status	LOCKED CCFED	
Photo URL	- not yet available -	
lission* SII	W13_10 -	
odeword* UC	60001	
S	ubmit Close window	

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.

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

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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 All Re	quests	Pending Image R	tequests	Taken Image Requests		Advanced Search	
Search by code	eword	Search	- OR -	Search by School	school	chools 🕐	
				Orbits	3835 💌 to 3881	•	
				Status	Any	• ?	
						Search	
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, Washingto	on ISS13_07	
UCSD-smoc	84180	2013/189/17:07:00		Taken		ISS13_07	
	84102	2013/189/17 11:29		Taken		ISS13 07	

- 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.

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To see the 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: <u>http://images.earthkam.org</u>.

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

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		3126	MAGE 3172	IMAGE 3		



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	All 👻	
Request ID (RID)		Search
Codeword		Search
Date Taken	to	Search
View images as	Grid 🗰 or Map Q)

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.



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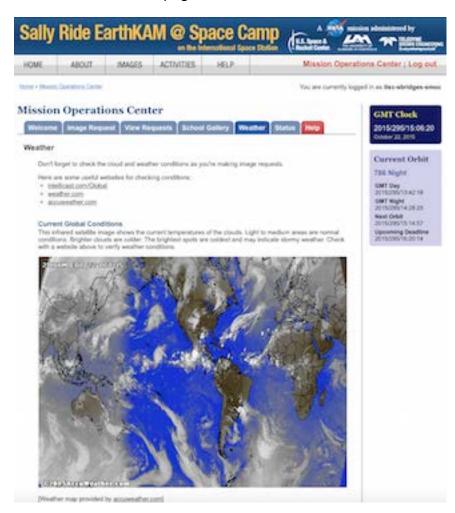
IMAGE_2197



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.



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

EarthKAM

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.

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

Status updates	Deadlines
No status updates yet	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
This box provides	These deadlines are given in Greenwich

general updates about

the mission.

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

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 next orbit deadline for All image requests for all orbits the ISS is currently highlighted in green must be which you can request images traveling and taking is highlighted in orange. You submitted by this deadline. daytime images is may request images from this highlighted in orbit and beyond. yellow. **Current and Future Orbits KEY** Current orbit ? Next orbit deadline ? Orbits with the same deadline

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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
<mark>1416</mark>	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	29 <mark>4</mark> /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

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

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

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