



The **GLOBE** Program

GLOBE Advanced Data Access Tool (ADAT)

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Cornell Lewis

Axient Corporation



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Retrieving Data Using the Advanced Data Access Tool (ADAT)

- Tool allows you to download GLOBE data from multiple protocols, schools, regions or dates without using the map
 - Used for downloading large quantities of data – multiple protocols and multiple sites
- Select GLOBE Data -> Retrieve GLOBE Data or <http://datasearch.globe.gov/>
- Three Steps –
 1. Select the Protocols you're interested in
 2. Select Filters
 1. Date Range, Country, School or Teacher etc.
 3. Select "Download Measurement Data" (may take a little while!)



Select your protocols

Select Protocols
Up to 5 protocols can be selected

THE GLOBE PROGRAM Sign Out

Apply Filter Clear

Select a Filter:

- Data Filters**
- Select Protocols
- Date Range
- Data Count Range
- Site Filters
- Site Name
- Country or State/Territory
- In proximity of a lake or river:
- School/Teacher/Partner
- Elevation Range

Filter by Protocol:
(Select up to 5 protocols)

Atmosphere

- ☐ Air Temperature Dailies
- ☐ Air Temperature Monthlies
- ☐ Air Temperature Noons
- ☐ Air Temperature
- ☒ Aerosols
- ☐ Barometric Pressure Noons
- ☐ Barometric Pressures
- ☐ Clouds Noons
- ☐ Clouds
- ☐ Precipitation
- ☐ Precipitation Monthlies

Hydrosphere

- ☐ Alkalinity
- ☐ Conductivity
- ☐ Dissolved Oxygen
- ☐ Freshwater Macroinvertebrates
- ☐ Mosquito Larvae
- ☐ Mosquito Habitat Mapper
- ☐ Nitrates
- ☐ pH
- ☐ Salinity
- ☐ Water Temperature
- ☐ Water Transparency

Add Protocols



Select the date range

THE GLOBE PROGRAM Advanced Data Access Tool Sign Out

Apply Filter Clear Load Save Instructions Download Summary Data

Select a Filter:

- Data Filters
 - Select Protocols
 - Date Range**
 - Data Count Range
- Site Filters
 - Site Name
 - Country or State/Territory
 - In proximity of a lake or river:
 - School/Teacher/Partner

Filter by Date Range:

Start: 2017-09-28 to End: 2018-11-06

Dates are based on UTC time

Add to Filter



Add other filters if needed then “Apply Filter”

THE GLOBE PROGRAM Advanced Data Access Tool Sign Out

Apply Filter Clear Load Save Data Last Updated: 2018-11-07 Instructions

Select a Filter:

Data Filters

Select Protocols

X Aerosols

Date Range

X 2017-09-28 to 2018-11-07

Data Count Range

Site Filters

Site Name

Country or State/Territory

In proximity of a lake or river:


80 Sites Found Obtain Measurement Data Download Summary Data

Apply Filters
Select any additional filtering, then click “Apply Filter” to see how much data is available for download

School Name	School Location	Latitude	Longitude	Elevation
Escuela de I		-34.6427	-58.5405	21.8
SPS Karvina		49.8615	18.5502	255
ZS Manesov		49.2178	17.511	183
IES Los Cris		28.058	-16.719	25
IES Yaiza		29.5671	-14.1763	104.8
Collège de f		43.09471	-0.71333	280
Lycée Berna		44.1998	0.6243	50.6
II Gimnazija		45.2035	16.0292	125
Tehnicka skola Daruvar	School Location:ATM-01	45.5972	17.2216	145.3
Skola Za Medicinske Sestre Vrapce	Vrapce 01:ATM-01	45.8163	15.8974	138
Skola Za Medicinske Sestre Vrapce	Vrapce 02:ATM-02	45.8162	15.8974	128
Rogozin A- Junior High School	SCHOOL YARD:ATM-01	32.48	35.06	47.2
Helen Parkhurst	Parkwijk Rivier:ATM-01	52.37132	5.24053	-47
Ramey School	School Location:ATM-01	18.49877	-67.13928	125.1
Texas State University	SWT weather station:ATM-01	29.8884	-97.9458	254
Texas State University	Austin:ATM-08	30.25806	-97.75162	159.9
Texas State University	Round Rock High School:ATM-09	30.5091	-97.69755	279.9
Texas State University	San Antonio:ATM-11	29.3097	-98.3779	244.7
Texas State University	South Austin:ATM-13	30.10509	-97.50045	249.8
Texas State University	South Austin - JT:ATM-15	30.24	-97.77	209.9



Download the Measurement Data

**THE GLOBE PROGRAM**

Advanced Data Access Tool

Sign Out

Apply Filter

Clear

Load

Save

Data Last Updated: 2018-11-07

Instructions

Select a Filter:

Data Filters

Select Protocols

☒ Aerosols

Date Range

☒ 2017-09-28 to 2017-11-07

Data Count Range

Site Filters

Site Name

Country or State/territory

In proximity of a lake or river:

School/Teacher/Partner

80 Sites Found

Download Measurement Data (~4100)

Download Summary Data

School Name	Name	Latitude	Longitude	Elevation
Escuela de Enseñanza Media 7 "Nicolas Copernico"	COPERNICO-ATM-01	-34.6427	-58.5405	21.8
SPS Karvina	ATM skola:ATM-01	49.8615	18.5502	255
ZS Manesova Otrokovice	Garden meteorological station:ATM-01	49.2178		
IES Los Cristianos	LOS CRISTIANOS-ARONA:ATM-01	28.058		
IES Yaiza	I.E.S.YAIZA:ATM-01	29.5671		
Collège de Barétous	college d'Arette:ATM-01	43.09471		
Lycée Bernard PALISSY	Grande-Cour:ATM-01	44.1998		
		45.2035		
		45.5972		
		45.8163		
		45.8162		
		32.48		
		52.37132		
		18.49877		
		29.8884		
		30.25806		
		30.5091		
		29.3097		
		30.10509		
		30.24		
		44.0083		
		38.00355		
		42.32067		
		42.70468		
		44.6404		
Texas State University	South Austin:ATM-13	30.10509		
Texas State University	South Austin - JT:ATM-15	30.24		
Lane Community College	Science Building (NW):ATM-01	44.0083		
Antioch High School	Softball Field:ATM-01	38.00355		
Crestwood High School	Football / Soccer Field:ATM-03	42.32067		
Stoney Creek High School	Stoney Creek High School	42.70468		
Enliliana Garmoe Baccane	Enliliana Garmoe Baccane - Brindisar	44.6404		


1	org_name	2	site_name	3	latitude	4	longitude	5	elevation	6	measured_on	7	aerosols measured at	8	aerosols solar measured	9	aerosols solar noon at
	The name of the reporting school or other institution		The name assigned to the site		The latitude of the site		The longitude of the site		The elevation of the site		The date only if when the data were observed in Coordinated Universal Time (UTC)						
1	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
2	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
3	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
4	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
5	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
6	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
7	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
8	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
9	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
10	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
11	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
12	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
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14	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
15	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
16	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
17	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
18	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
19	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
20	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
21	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
22	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
23	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
24	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
25	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
26	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
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36	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
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38	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
39	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									
40	AL- RAFAE STREET	21.23	39.47	267.7	9/28/2017	2017-09-28T09:45:00	2017-09-28T12:33:00	2017-09-28T09:12:00									

Download Data
Select Obtain Measurement data and download the data






Save Your Filters



THE GLOBE PROGRAM
Advanced Data Access Tool

Sign Out
Select Language | 

Apply Filter Clear Load **Save** Data Last Update

Instructions Contact GLOBE

Select a Filter:

Data Filters

Select Protocols

X Aerosols

X Clouds

Date Range

X 2020-09-22 to 2023-10-12

Data Count Range

Site Filters

Site Name

Country or State/Territory

In proximity of a lake or river:

School/Teacher /Partner/Team

78901 Sites Found

When filtering by date range, the results shown are for the entire month(s) selected.
To obtain the data specific for the dates selected, download the CSV file by clicking the 'Obtain Measurement Data' button.

Obtain Measurement Data

Download Summary Data

School Name	Latitude	Longitude	Elevation
황지초등학교	37.16431	128.99091	674.4
10 Secondary Girls school At altaif	21.3015	40.42677	1652
10 Secondary Girls school At altaif	21.3015	40.42677	1652
116Secondary School At Riyadh	24.76689	46.77457	610.6
143 Secondary School At Riyadh	24	46	885
16th Secondary School At Qassim	26.36546	43.9686	645
16th Secondary School At Qassim	26.2503	43.5356	694.8
2 Intermediate School Abu Arish At	16.97522	42.84473	65.8
31intermediate school At Altaif	21.22443	40.3745	1742
4Secondary School AT Riyadh	24.72803	46.74588	633
94th Secondary School At Riyadh	24.83359	46.76384	608
Abd-Elmajeed Bin Abd-Alaziz Second	24.2434	39.3141	666
Abdullah Bin Massud Intermediate School at Afif	40.01454	-105.2484	1602.6
Abdullah Bin Salam Secondary School at Al-Ahsa	25.4524	49.59444	150
Abdullirahaman bin Abybakar School	22.68	58.52	440
Abdullirahaman bin Abybakar School	22.68	58.52	440
Abdullirahaman bin Abybakar School	22.63277	58.55985	20
Abdullirahaman bin Abybakar School	22.38	58.32	400
Abi AL Atahiah Secondary School at Almadinah	24.47671	39.65596	630
Abraham Joshua Heschel Day School	34.28055	-118.5133	346.4
Abraham Joshua Heschel Day School	34.28057	-118.5122	338.6
Abraham Joshua Heschel Day School	34.25881	-118.5216	303.4
Abraham Joshua Heschel Day School	34.16107	-118.3994	196.6
Abraham Joshua Heschel Dav School	33.7779	-116.3854	90

Save Current Filter Settings

Enter a Filter Set Name, then click 'Save Filter Set'


Cloud and Aerosols for 2023

Save Filter

1 - 24 of 78901



Load Your Filters

**THE GLOBE PROGRAM**
Advanced Data Access Tool

[Sign Out](#)
[Select Language](#) | [?](#)

[Apply Filter](#) [Clear](#) [Load](#) [Save](#) Data Last Updated: 2023-10-13

[Instructions](#) [Contact GLOBE](#)

Select a Filter:

Data Filters

[Select Protocols](#)

☒ Aerosols

☒ Clouds

[Date Range](#)

☒ 2021-07-06 to 2023-10-12

[Data Count Range](#)

Site Filters

[Site Name](#)

[Country or State/Territory](#)

[In proximity of a lake or river:](#)

[School/Teacher /Partner/Team](#)

Load Your Filters

Select from a list of saved filters to load or copy the URL to share with your students.

Saved Filter Sets

[Load](#) **aerosols US** [edit](#)
[delete](#) https://vis.globe.gov/GLOBE/?vis_mode=adat&load_filter=840617923209791967

Protocol: Aerosols

Date Range: 2019-01-01 to 2020-01-29

Country or State/Territory: United States

[Load](#) **Cloud and Aerosols for 2023** [edit](#)
[delete](#) https://vis.globe.gov/GLOBE/?vis_mode=adat&load_filter=4168890709460045608

Protocol: Aerosols

Protocol: Clouds

Date Range: 2020-09-22 to 2023-10-12

All Protocols Selection: All Protocols Selection



Demo



Try This....

1. Obtain the measurement data for Clouds in your country between January 1, 2024 and today.
2. How much measurements data is there (approximately)?
3. What is the **Sky Conditions : Cloud Cover** of the first school in the Excel spreadsheet.
4. Share your Data Filter with someone.



ADAT Tutorials

- For additional training, visit the Tutorial Center to access the ADAT Tutorials
- Training > Tutorial Center

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Tutorial Center

Explore the tutorials below to get step-by-step instructions on how to find content or perform specific tasks on the website. Many of the tutorials are YouTube videos with audio instructions to make it easier to follow along. Have a suggestion on a tutorial? Submit your suggestion to the [GLOBE Helpdesk](#).

Need help getting started? Visit your User Roadmap (make sure to log-in first).

Account Creation & Settings Learn how to create an account and access / update your account settings.	Website Basics Learn how to navigate the website, use short cuts, search the website and more.	Protocol Training Learn about how to get formal training on all GLOBE Protocols.	Data Entry Learn about how to enter your GLOBE measurements on the website and GLOBE Observer app.
Data Access, Analysis & Reporting Learn how to access your data, create research reports and more.	GLOBE Teams Learn what GLOBE teams are and how to use them.	For GLOBE Educators Learn how to use your dashboard (My Page), manage student accounts and more.	For Partners & Country Coordinators Learn how to manage your partner or country organization, schools, workshops and more.



Questions?



The **GLOBE** Program

Contact Information

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For more information visit www.globe.gov

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