

# LANDING OPTION A - Refined, long, scrolling content-only option

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

### A revolution in planetary data possibilities

At Planet OS, we're committed to making it easy for people to build next-generation digital tools and solutions from planetary data. Our ground-breaking API makes accessing earth science data around the world far simpler and less time-consuming — and the range of open and commercial datasets in our pipeline make your creative possibilities nearly limitless.

**SIGN UP FOR FREE**

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#### Top datasets

Dataset name - our most popular dataset, used often to build tools a round severe weather impact analysis.

Dataset name - used often in conjunction with the above, this dataset allows for data merging in a unique way lorem ipsum impact and uniqueness of tool built through API described here.

Dataset name - used often in conjunctions with Dataset name - used often for ocean acidification analysis as related to pollution metrics.

#### ISO 9115 categories

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

#### What does Planet OS Datahub offer?

##### A programmatic planet of earth science application possibilities, through:

- A high-quality API that interfaces with multiple open datasets, accessing over 800 parameters from prominent institutions in the U.S. and E.U.
- A new way to easily **merge multiple earth science datasets** through one simple API
- Consistency and integrity of source data, because **we don't touch the source — we just provide an easy way to interface with it**
  - A growing list of commercial data providers
  - Many resources for developers at all experience levels, active online support from our engineers

and

- An intuitive and easy-to-use Data Browser for our growing catalog of accessible data — in the locations you care about

**BROWSE DATA NOW**

#### Newest datasets

Dataset name - most requested Environmental dataset, allowing easy access to lorem ipsum.

Dataset name - provides easy access to a wide variety of Weather & Climate lorem ipsum

Dataset name

---

#### What can I build?

From surfing apps to next-generation data solutions for renewable energy, our users are creating some inspiring tools faster than they ever could have in the past. Click the topics below to read about real-world examples of what the Planet OS API has empowered people all over the planet to do.

Have you built something inspiring with the Planet OS API?  
[Let us know](#) — we'd love to showcase your solution!

- [Applications for Scientific Research](#)
- [Applications for Every Day Living](#)
- [Applications for Crises](#)
- [Applications for a Changing Climate](#)

Taking it to the next level: [Powerboard for Enterprise](#)

---

#### What's next for Planet OS Datahub?

We're committed to making our API service work with all the open and commercial datasets our users require. Upvote or add datasets you would most like to access.

**OPEN ROADMAP**

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#### Open data API plans

Once you've found the datasets you need, work with our API for free. When you've reached the need for higher levels of API calls and data transfer, we have several subscription options for you:

FREE	BASIC	PRO	ENTERPRISE
<b>\$0</b> Free Forever	<b>\$19.95</b> Monthly	<b>\$89.95</b> Monthly	
100 API Calls / Day	1000 API Calls / Day	5000 API Calls / Day	Custom APIs
5 GB Data Transfer / Month	100 GB Data Transfer / Month	500 GB Data Transfer / Month	Historical Data
<b>SIGN UP FOR FREE</b>	<b>SIGN UP</b>	<b>SIGN UP</b>	Custom Integrations
No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Private Deployments
			Dedicated Support
			<b>CONTACT US</b>

---

#### Commercial data API options

Our API is also available for use with popular commercial datasets provided by the following vendors. There is a subscription or download option available, depending on the dataset.

Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
[vendor logo]	[vendor logo]		
[vendor logo]			

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#### Institutions using Planet OS Datahub

#### A Few of Our Open Data Providers

These could be static, or link to DataHub Browser start page with the corresponding category filter pre-selected. Third option is to filter the entire planet of datasets by category and provide DataHub Browser page with results, but that takes away from the intuitive flow of narrowing location selection first

# LANDING OPTION B - Refined, long, scrolling content-only option

## Planet OS Datahub

### A revolution in planetary data possibilities

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[SIGN UP FOR FREE](#)

### What does the Planet OS Datahub service offer?

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- A new way to easily **merge multiple earth science datasets** through one simple API
- Consistency and integrity of source data, because **we don't touch the source — we just provide an easy way to interface with it**
- A growing list of commercial data providers

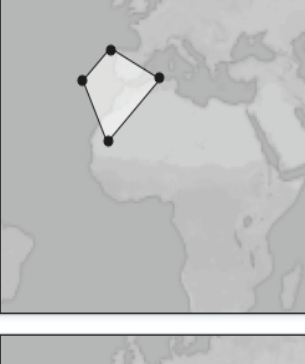
and

- An intuitive and easy-to-use Data Browser for our growing catalog of accessible data — in the locations you care about

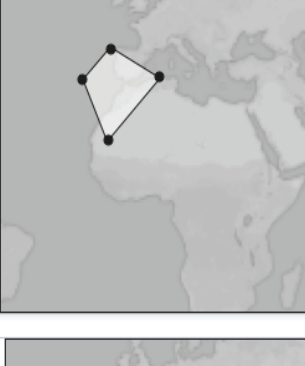
[BROWSE DATA NOW](#)

### Newest datasets

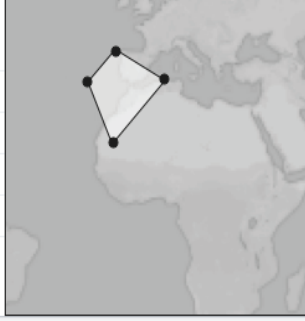
OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			



OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
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<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			

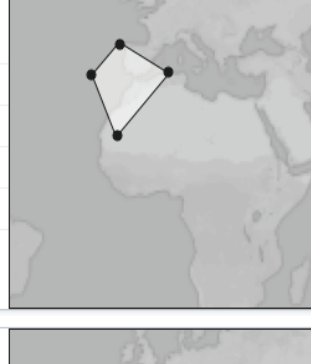


OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			

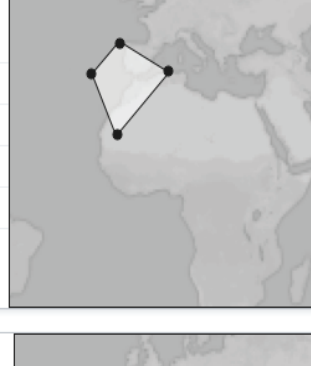


### Top datasets

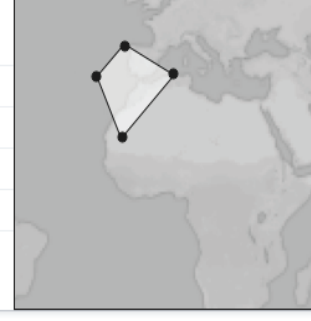
OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			



OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			



OPEN DATA			
GFS Global Weather Forecast by NCEP. Near Surface Parameters.			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a> <a href="#">EMBED/SHARE</a>			



### What can I build?

Applications for scientific research, recreation, crises, a changing climate, and more.

[Read about what users have done — and what else is possible — here.](#)

Have you built something inspiring with the Planet OS API? [Let us know](#) — we'd love to showcase your solution!

Interested in learning about how to take our service to the next level inside your enterprise business? [Read about Powerboard](#), which also leverages our API service technology.

### What's next for Planet OS Datahub?


We're committed to making our API service work with all the open and commercial datasets our users require. Upvote or add datasets you would most like to access.

[OPEN ROADMAP](#)

### Open data API plans

Once you've found the datasets you need, you can work with the Planet OS API for free. When you've reached the need for higher levels of API calls and data transfer, we provide several subscription options.

FREE	BASIC	PRO	ENTERPRISE
<b>\$0</b> Free Forever	<b>\$19.95</b> Monthly	<b>\$89.95</b> Monthly	
<b>100</b> API Calls / Day	<b>1000</b> API Calls / Day	<b>5000</b> API Calls / Day	Custom APIs
<b>5 GB</b> Data Transfer / Month	<b>100 GB</b> Data Transfer / Month	<b>500 GB</b> Data Transfer / Month	Historical Data
<a href="#">SIGN UP FOR FREE</a>	<a href="#">SIGN UP</a>	<a href="#">SIGN UP</a>	Custom Integrations
No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Private Deployments
			Dedicated Support
			<a href="#">CONTACT US</a>



### Commercial data API options

Our API is also available for use with popular commercial datasets provided by the following vendors. There is a subscription or download option available, depending on the dataset.

#### Weather & Climate



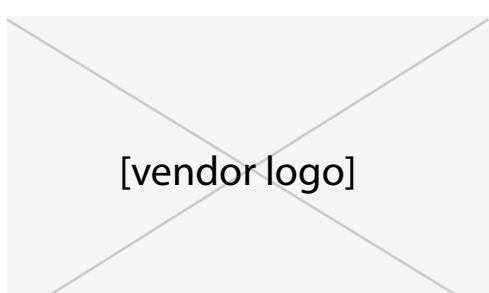
#### Environment



#### Oceans



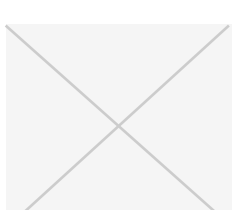
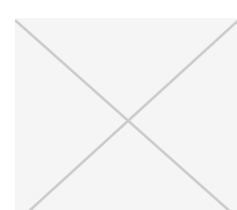
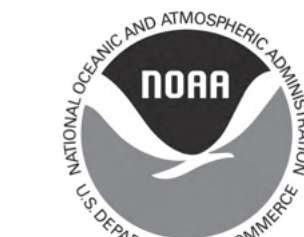
#### Farming



### Institutions using Planet OS DataHub



### A Few of Our Open Data Providers



# LANDING OPTION C - Refined, long, scrolling content-only option

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

### A programmatic planet of application possibilities — all under one API

Find the data you need, build the tools you envision — and maybe even help save the planet while you're at it.

Our ground-breaking API makes accessing earth science data around the world far simpler and less time-consuming — and the range of open and commercial datasets in our pipeline make your creative possibilities nearly limitless.

### Who is the Planet OS Datahub service for?

It's for anyone who wants to more easily build programmatic tools with earth science data, or to more easily analyze this data — especially data from multiple sources. This hasn't been so easy under traditional data integration methods.

Our users include:

- Researchers of earth science data, with a basic level of programming knowledge
- Programmers at all levels of experience, with an interest in earth science data for building applications
- Data scientists who want to more easily access and analyze multiple earth science datasets at once

### What Does Planet OS Datahub offer?

- A high-quality API that interfaces with multiple open datasets from prominent institutions in the U.S. and E.U., providing access to over 800 parameters
- A new way to easily **merge multiple earth science datasets** through one simple API
- Consistency and integrity of source data, because **we don't touch the source — we just provide an easy way to interface with it**
- A growing list of commercial data providers
- Many resources for developers at all experience levels, active online support from our engineers, and much more

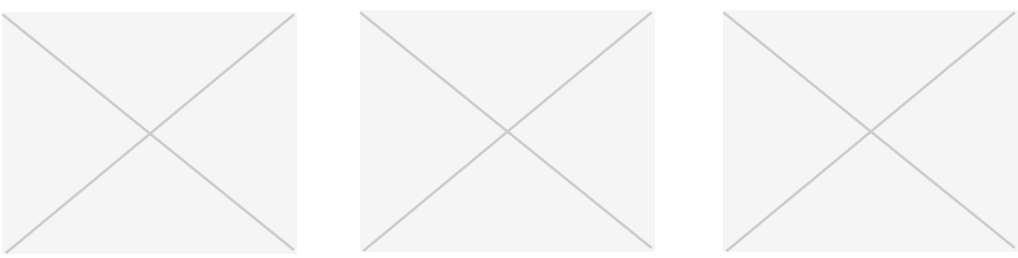
and

- An intuitive and easy-to-use Data Browser for our growing catalog of accessible data — in the locations you care about

### What can I build?

Applications for scientific research, recreation, crises, a changing climate, and more.

Read about what people have done — and what's possible — here.



Have you built something inspiring with the Planet OS API? [Let us know](#) — we'd love to showcase your solution!

Interested in learning about how to take our service to the next level inside your enterprise business? [Read about Powerboard](#), which also leverages our API service technology.

### Where are the datasets I need?

**BROWSE DATA NOW**

### What's next for Planet OS Datahub?


We're committed to making our API service work with all the open and commercial datasets our users require. Upvote or add datasets you would most like to access.

**OPEN ROADMAP**

### Open data API plans


Once you've found the datasets you need, you can work with the Planet OS DataHub API for free. When you've reached the need for higher levels of API calls and data transfer, we provide several subscription options.

FREE	BASIC	PRO	ENTERPRISE
\$0 Free Forever	\$19.95 Monthly	\$89.95 Monthly	
100 API Calls / Day	1000 API Calls / Day	5000 API Calls / Day	Custom APIs
5 GB Data Transfer / Month	100 GB Data Transfer / Month	500 GB Data Transfer / Month	Historical Data
<b>SIGN UP FOR FREE</b>	<b>SIGN UP</b>	<b>SIGN UP</b>	Custom Integrations
No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Private Deployments
			Dedicated Support
			<b>CONTACT US</b>




### Commercial data API options

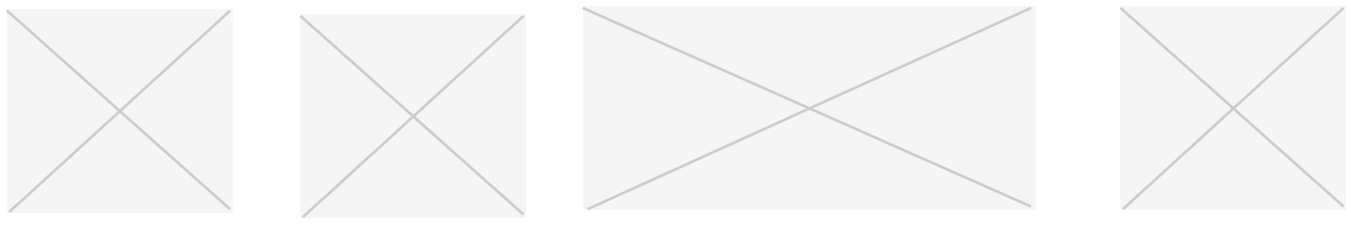

Our API is also available for use with popular commercial datasets provided by the following vendors. There is a subscription or download option available, depending on the dataset.

Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
[vendor logo]	[vendor logo]		
[vendor logo]			

### Institutions using Planet OS Datahub



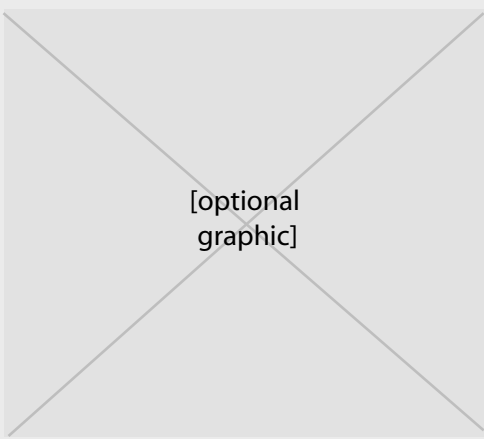
### A Few of Our Open Data Providers



# LANDING OPTION D - DataHub Browser (1st step) integrated on landing; welcome box with anchored links to content on page

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub



### A revolution in planetary data oossibilities

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**Who is Planet OS Datahub for?**    **What does Datahub offer?**    **What can I build?**    **What's next for Datahub?**

[SIGN UP FOR FREE](#)    [BROWSE DATA NOW](#)


### Datahub Browser

Planet    Custom

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.


**CATEGORY**

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps



SELECTED LOCATION: PLANET    keyword search (optional)

AVAILABLE DATASETS: 172    [VIEW RESULTS](#)

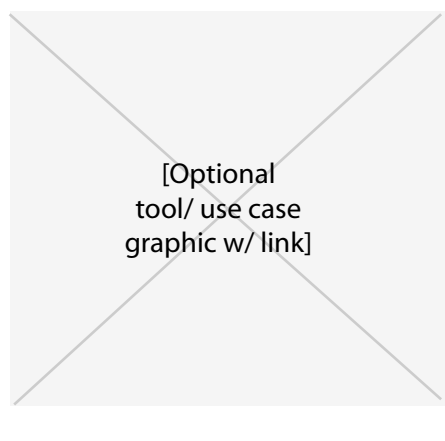


### Top datasets:

**Dataset name** - our most popular dataset, used often to build tools around severe weather impact analysis.

**Dataset name** - used often in conjunction with the above, this dataset allows for data merging in a unique way lorem ipsum impact and uniqueness of tool built through API described here.

**Dataset name** - used often in conjunctions with **Dataset name** - used often for ocean acidification analysis as related to pollution metrics.



### Newest datasets:

**Dataset name** - most requested Environmental dataset, allowing easy access to lorem ipsum.

**Dataset name** - provides easy access to a wide variety of Weather & Climate lorem ipsum

**Dataset name**

### Get started


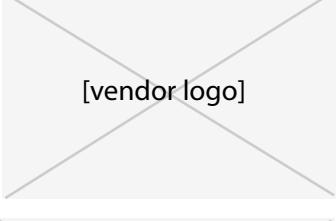
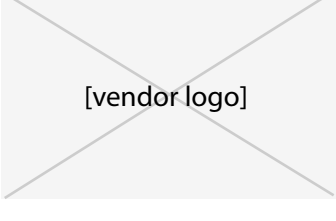
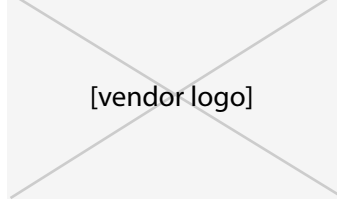
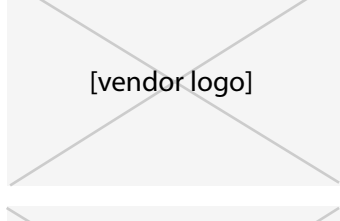

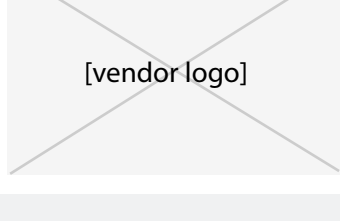
#### Open Data API Plans

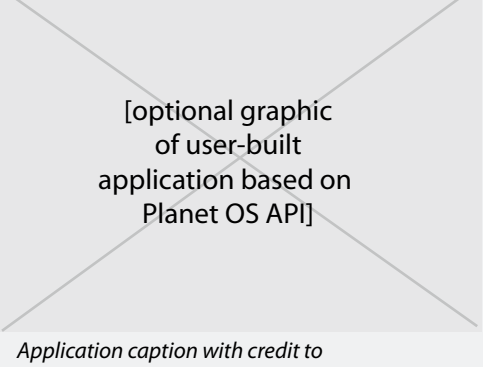
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FREE	BASIC	PRO	ENTERPRISE
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			Dedicated Support
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#### Commercial Data API Options

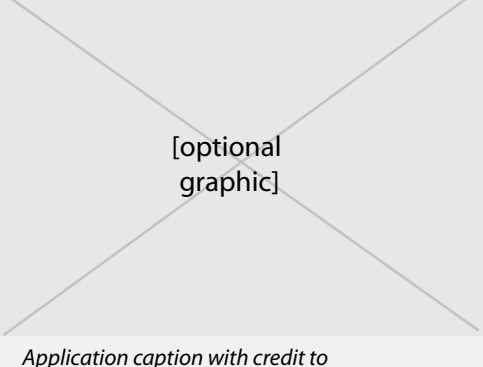
Our API is also available for use with popular commercial datasets provided by the following vendors. There is a subscription or download option available, depending on the dataset.

Weather & Climate	Environment	Oceans	Farming
			
			
			



### What does Planet OS Datahub offer?

- High-quality API that interfaces with multiple open datasets from prominent institutions in the U.S. and E.U.
- Source data remains untouched, ensuring integrity
- A growing list of [commercial data providers](#)
- Many [resources for developers](#), including:
  - Easy to use point query RESTful APIs (JSON and CSV)
  - Extensive API documentation
  - Tutorials and live chats
  - Public code examples and demo apps on Github
  - Interactive iPython/ Jupyter notebooks
  - [Cirrus.js](#) — a free [charting](#) library based on d3.js
  - A growing Slack community to share experiences
- Active online support from our engineers



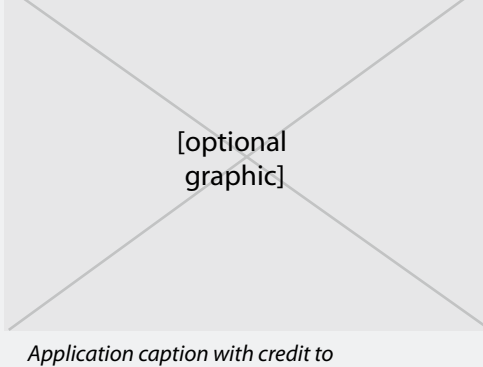
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[Applications for Scientific Research](#) • [Applications for Every Day Living](#) • [Applications for Crises](#)

[Applications for a Changing Climate](#) • [Taking it to the next level: Powerboard for Enterprise](#)



### What's next for Datahub?

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#### Planet OS Open Roadmap - Datasets in our pipeline

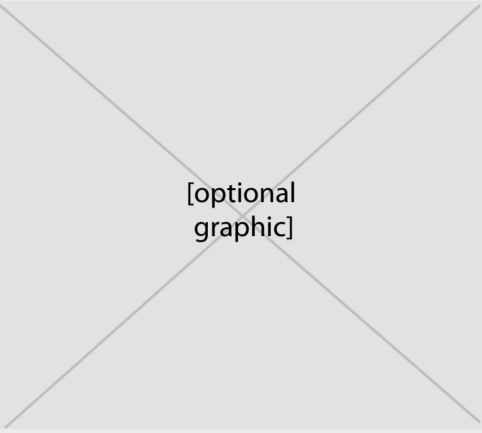
[Questions?](#)

[SIGN UP FOR FREE](#)    [BROWSE DATA NOW](#)    [GET IN TOUCH](#)

# LANDING OPTION E - DataHub Browser (1st step) integrated on landing, dynamic welcome box

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub



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[Who is Planet OS DataHub for? ▶](#) [What does DataHub offer? ▶](#) [What can I build? ▶](#) [What's next for DataHub? ▶](#)

[SIGN UP FOR FREE](#) [BROWSE DATA NOW](#)


### Datahub Browser

Planet Custom: Choose...

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

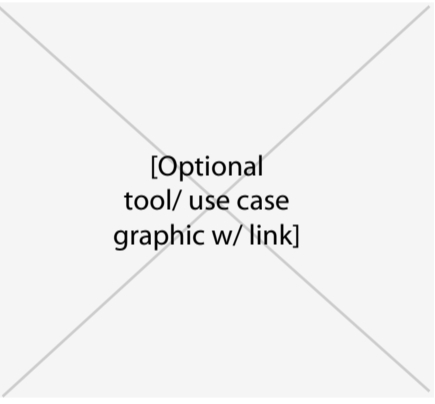
CATEGORY

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps



SELECTED LOCATION: PLANET keyword search (optional) [VIEW RESULTS](#)

AVAILABLE DATASETS: 172

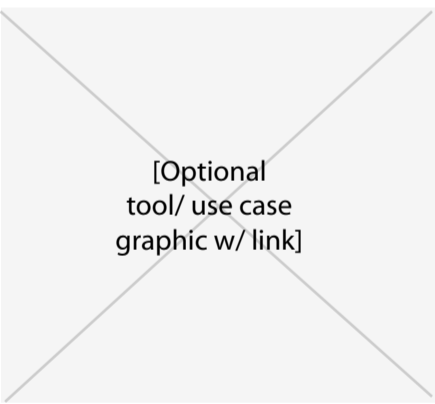


### Top datasets:

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**Dataset name** - used often in conjunction with the above, this dataset allows for data merging in a unique way lorem ipsum impact and uniqueness of tool built through API described here.

**Dataset name** - used often in conjunctions with **Dataset name** - used often for ocean acidification analysis as related to pollution metrics.



### Newest datasets:

**Dataset name** - most requested Environmental dataset, allowing easy access to lorem ipsum.

**Dataset name** - provides easy access to a wide variety of Weather & Climate lorem ipsum


**Dataset name**

## Get started

### Open Data API Plans

Once you've found the data you need, work with our API for free. When your API calls and data transfer exceed the free plan limits, we have a variety of subscription options for you:

A few of Open API dataset providers:










FREE	BASIC	PRO	ENTERPRISE
\$0 Free Forever	\$19.95 Monthly	\$89.95 Monthly	Custom APIs
100 API Calls / Day	1000 API Calls / Day	5000 API Calls / Day	Historical Data
5 GB Data Transfer / Month	100 GB Data Transfer / Month	500 GB Data Transfer / Month	Custom Integrations
<a href="#">SIGN UP FOR FREE</a>	<a href="#">SIGN UP</a>	<a href="#">SIGN UP</a>	Private Deployments
<small>No credit card required. Cancel at any time.</small>	<small>Free 30 day trial. No credit card required. Cancel at any time.</small>	<small>Free 30 day trial. No credit card required. Cancel at any time.</small>	Dedicated Support
			<a href="#">CONTACT US</a>

### Commercial Data API Options

Our API service is available for use with a range of popular commercial datasets, via a download or subscription, depending on the vendor and dataset.

The PlanetOS DataHub service is being used at:



Weather & Climate	Environment	Oceans	Farming
			
			
			

# Landing - Option F - showing expanded content subsection

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

Building applications from earth science data is more critical than ever.  
We think it should be easier than ever — for everyone.

Planet OS takes unnecessary time and tedium out of building earth science tools that matter.

Access, analyze, and merge disparate datasets with only one API. Your creative possibilities are endless.

**DISCOVER DATA NOW**




### Who is Planet OS Datahub for?

Anyone who wants to greatly simplify their programming of tools that use earth science data for observation or analysis. It's free to get started.

learn more 

### What does Planet OS Datahub offer?


In short, a way to skip the programming effort normally required to access different types of earth science data from different formats, protocols, instruments, and locations. And an easier way to discover which data will really work for your tools.

hide 

- a high-quality API for the planet's best open and commercial earth science datasets
- ability to easily merge and visually layer multiple datasets
- guaranteed consistent data quality — we never touch the source
- interface with multiple open datasets from prominent institutions in the U.S. and E.U., and integrate with over 800 parameters
- get support from our many online resources, including tutorials, Slack community, and active online support from our engineers
- use our intuitive DataHub Browser for discovering what will work for the tools you want to build, in the locations you care about.

### Discover Data Now

- 1 - Choose the part of the planet you're interested in.
- 2 - Select optional category filters and add keywords.
- 3 - Get a list of dataset results you can refine further.
- 4 - Test it out. Try our quick embed and query functions right from the results page.



### What can I build?

Innovative applications for scientific research, recreation, crisis support, our planet's changing climate, and more.

### What's next for Planet OS Datahub?

We're committed to integrating our API service with all the open and commercial datasets our users require.

**OPEN ROADMAP**


### Ready to build?

Once you've found the data you need, work with our API for Free. When your API calls and data transfer exceed the Free plan limits, we have a variety of subscription options for you:

FREE	BASIC	PRO	ENTERPRISE
<b>\$0</b> Free Forever	<b>\$19.95</b> Monthly	<b>\$89.95</b> Monthly	
100 API Calls / Day	1000 API Calls / Day	5000 API Calls / Day	Custom APIs
5 GB Data Transfer / Month	100 GB Data Transfer / Month	500 GB Data Transfer / Month	Historical Data
<b>SIGN UP FOR FREE</b>	<b>SIGN UP</b>	<b>SIGN UP</b>	Custom Integrations
No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Free 30 day trial. No credit card required. Cancel at any time.	Private Deployments
			Dedicated Support
			<b>CONTACT US</b>

### Commercial data API options

Our API service is available for use with a range of popular commercial datasets, via a download or subscription, depending on the vendor and dataset.

Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
[vendor logo]	[vendor logo]		
[vendor logo]			

# Landing - Option F

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

Building applications from earth science data is more critical than ever.  
We think it should be easier than ever — for everyone.

Planet OS takes unnecessary time and tedium out of building earth science tools that matter.

Access, analyze, and merge disparate datasets with only one API.  
Your creative possibilities are endless.

**DISCOVER DATA NOW**



### Who is Planet OS Datahub for?

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learn more >>>

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[vendor logo]			

# Landing - Option F - showing expanded content subsection

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**DISCOVER DATA NOW**

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Who is Planet OS Datahub for?

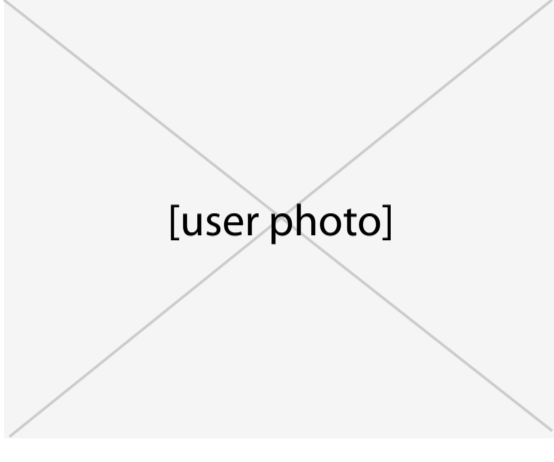
Anyone who wants to greatly simplify their programming of tools that use earth science data for observation or analysis. It's free to get started.

hide 

Our diverse user base includes:


- Expert researchers of earth science data, with basic programming knowledge
- Programmers at all levels of experience (iPhone app developers to enterprise solution designers), with an interest in an easier way to build innovative earth science applications
- Data scientists who want to more easily access and analyze multiple earth datasets at once

“User testimonial quote here”




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learn more 

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Option to animate — use motion to slide content in and out of view.



**USE CASES**

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**OPEN ROADMAP**


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<b>5 GB</b> Data Transfer / Month	<b>100 GB</b> Data Transfer / Month	<b>500 GB</b> Data Transfer / Month	Historical Data
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			Dedicated Support
			<b>CONTACT US</b>

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Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
[vendor logo]	[vendor logo]		
[vendor logo]			

Option to animate — use motion to slide content in and out of view.

Clicking this button collapses the above expanded section.



# LANDING OPTION G - showing expanded content in dynamic welcome box

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

One operating system for our diverse planet — in a single API

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**Who is Planet OS Datahub for?** ▾      What does it offer? ▶      What can I build? ▶

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[user photo]

“User testimonial quote here”

[Discover Data Now](#)

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- 1 Choose the part of the planet you're interested in.
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Planet ▾      Custom: Choose... ▾

CATEGORY

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

5 datasets | 79 parameters

SELECTED LOCATION: PLANET  
AVAILABLE DATASETS: 172

keyword search (optional)

[GET RESULTS](#)

Building applications from earth science data is more critical than ever.  
We think it should be easier than ever — for everyone.

A few of our Open API dataset providers:

NOAA      CSIRO  
Met Office      PacIOOS

#### Open data API plans

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Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
[vendor logo]	[vendor logo]		
[vendor logo]			

#### What's next for Planet OS Datahub?

We're committed to making our API service work with all the open and commercial datasets our users require.  
Upvote or add datasets you would most like to access.

[OPEN ROADMAP](#)

#### Questions?

[GET IN TOUCH](#)

# LANDING OPTION G - Datahub Browser more like part of an intro, ie, "How It Works," with dynamic welcome box

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Who is Planet OS Datahub for? ▶      What does it offer? ▶      What can I build? ▶

[optional graphic]

Discover Data Now

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Planet      Custom: Choose...

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5 datasets      79 parameters

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keyword search (optional)

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The PlanetOS DataHub service is being used at:

Weather & Climate	Environment	Oceans	Farming
	[vendor logo]	[vendor logo]	[vendor logo]
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[vendor logo]			

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**OPEN ROADMAP**

**Questions?**

**GET IN TOUCH**

# Use Cases Page - content TBD

## Planet OS Data hub : What can I build?

### A Revolution in Planetary Data Possibilities: What can I build?

Check out what some of our users are building with the Planet OS API, and get ideas around what one simple API can empower you to do with multiple earth science datasets.

Have you built something inspiring with the Planet OS API? [Let us know](#) — we'd love to showcase your solution!

#### Taking it to the next level: **Powerboard for Enterprise**

Interested in what Planet OS can do for your enterprise business? Learn more about how to greatly increase operational efficiencies and ease of analyzing vast amounts of internal and external data through Powerboard — our interactive observation and analysis tool that also leverages the power of our one, simple API.

#### Applications for scientific research

##### Applications for recreation

##### Applications for crisis response

##### Applications for a changing climate

### Applications for scientific research

#### Application Name or Title

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#### Application Name or Title

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#### Application Name or Title

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### Applications for recreation

#### Application Name or Title

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### Applications for crisis response

#### Application Name or Title

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### Applications for a changing climate

#### Application Name or Title

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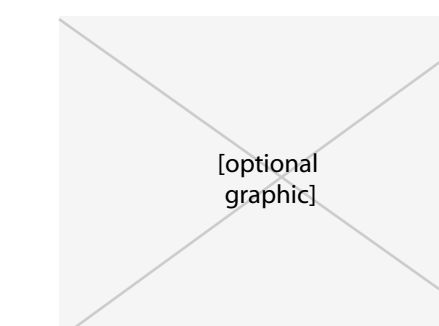
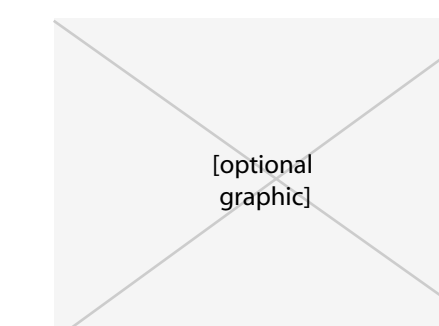
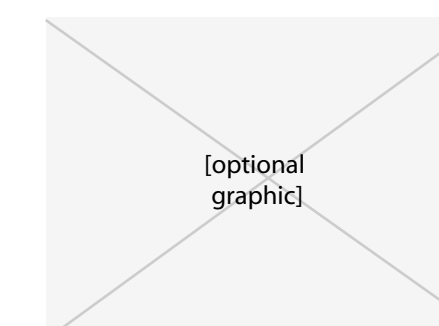
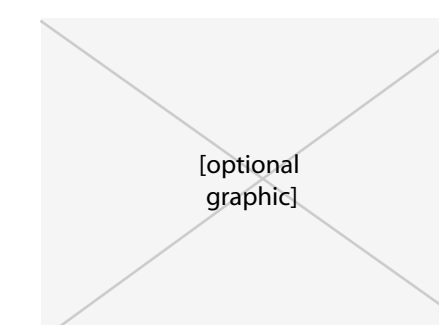
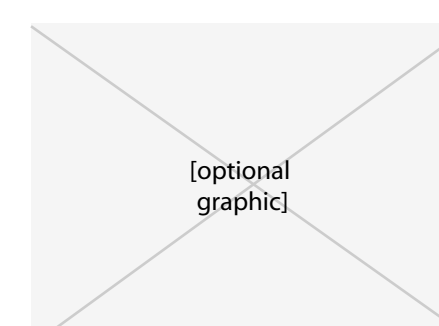
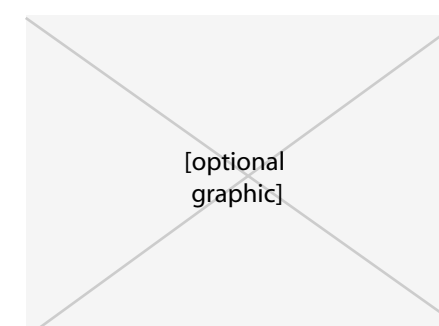
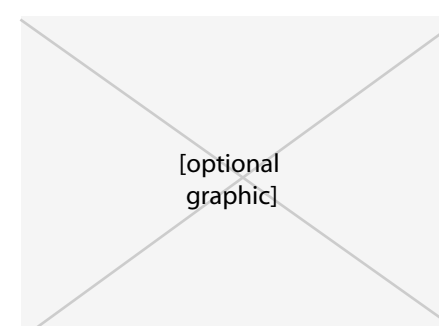
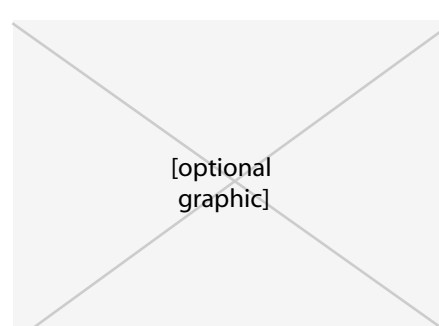
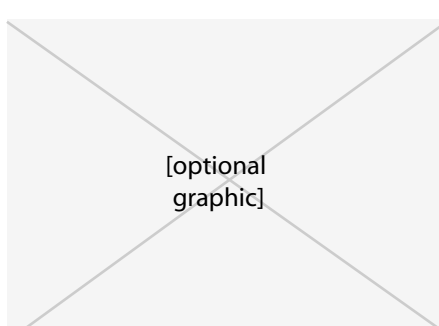
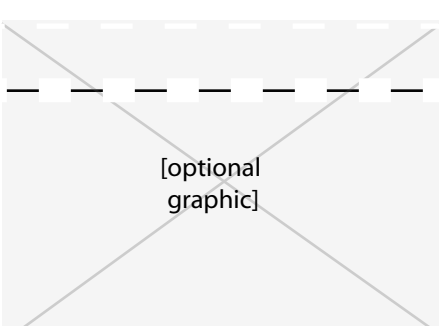
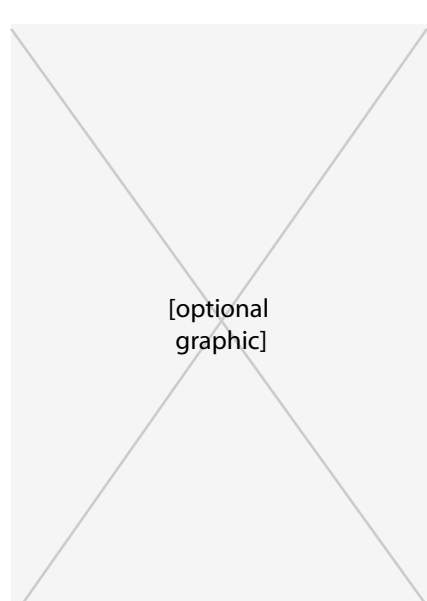
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#### Application Name or Title

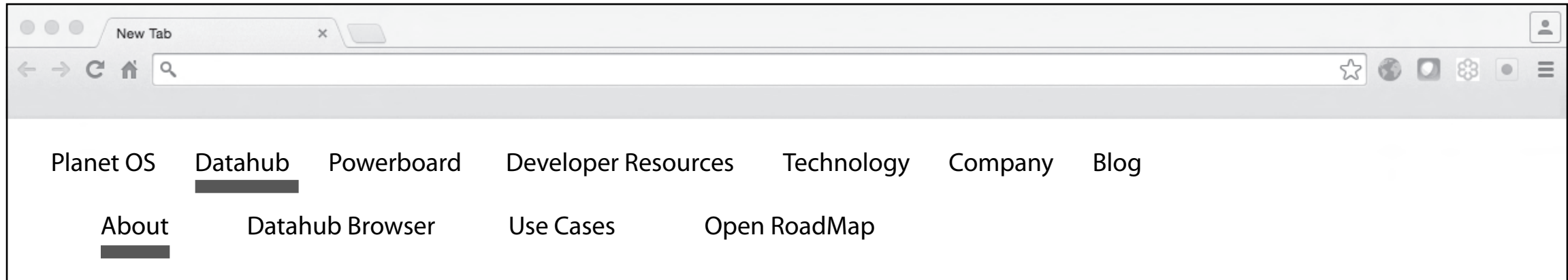
Lorem ipsum dolor sit amet, consectetur adipiscing. Fusce luctus diam lorem, eu enim iaculis nec. Morbi porttitor id nunc ultricies fermentum. Cras congue lacus ut lectus cursus efficitur vitae vitae tortor. Cras varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consectetur rutrum nibh. Consectetur rutrum nibh phasellus rutrum porttitor id nunc ultricies.

Quisque vitae massa nec sapien cursus sodales. Proin mollis enim vel sem ultricies, at maximus dui ultrices. Sed dapibus nec leo maximus eleifend. Donec nulla turpis, faucibus sed ultrices in, ullamcorper sit amet nulla.

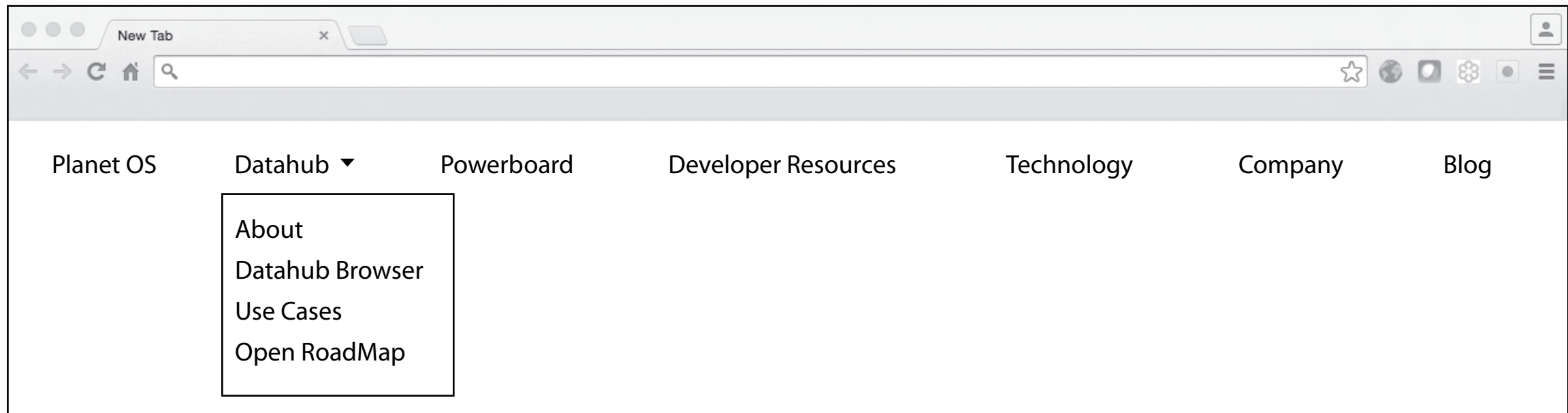
Proin vel nulla laoreet, feugiat dui a, rhoncus tellus. Nam non rutrum ex.



## Secondary Nav option - secondary nav bar (as in the Company section of the current Planet OS site)



## Secondary Nav option - Pull-down menu, as in current data.planetos.com



# DataHub Browser (for version with content-only landing page)

The screenshot shows a web browser window with the following elements:

- Browser Header:** "New Tab" and navigation icons (back, forward, refresh, home, search).
- Navigation Menu:** Planet OS, **Datahub**, Powerboard, Developer Resources, Technology, Company, Blog.
- Page Title:** Planet OS Datahub : Datahub Browser
- Left Sidebar:**
  - Text: "To get started, choose the part of the planet that interests you by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests."
  - Section: **CATEGORY (optional)**
  - List of categories: Weather & Climate, Environment, Oceans, Inland Waters, Farming, Geophysics & Geology, Elevation, Civil Planning, Utilities & Communication, Base Maps.
- Main Content Area:**
  - Selected Location:** Planet (dropdown), Custom: Choose... (dropdown)
  - World Map:** A grayscale world map with a zoom-in (+) and zoom-out (-) button in the bottom-left corner.
  - Summary:** SELECTED LOCATION: PLANET, AVAILABLE DATASETS: 172
  - Search:** keyword search (optional) (input field)
  - Action:** GET RESULTS (button)
- Footer:**
  - Learn more (link with left arrow)
  - Planet OS Datahub: A Revolution in Planetary Data Possibilities** (main heading)
  - SIGN UP FOR FREE (button)
  - Questions? (text)
  - GET IN TOUCH (button)

This widget could control dynamic welcome box if placed at the right, or simply link back to Datahub landing page as implied here, same as breadcrumb

# DataHub Browser UI details

Entire planet is selected by default

Region pulldown menu has continents/ regions and entire Planet selected by default; disabled when Custom menu option is selected.

Selecting "Custom" provides a pulldown button choice of Polygon Tool or Enter Polygon Coordinates. Enter Polygon Coordinates provides WKT polygon with editable sub-menu of coordinates. When a custom option is selected, Region pulldown is disabled.

**Datahub Browser**

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

**CATEGORY**

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

Planet

Custom: Choose...

Custom: Choose...

Custom: Polygon Tool

Custom: Polygon Coordinates

SELECTED LOCATION: PLANET

AVAILABLE DATASETS: 172

keyword search (optional)

**GET RESULTS**

(( -180.00 84.36,  
-41.82 84.36,  
-41.82 1.45,  
-180.00 1.45 ))

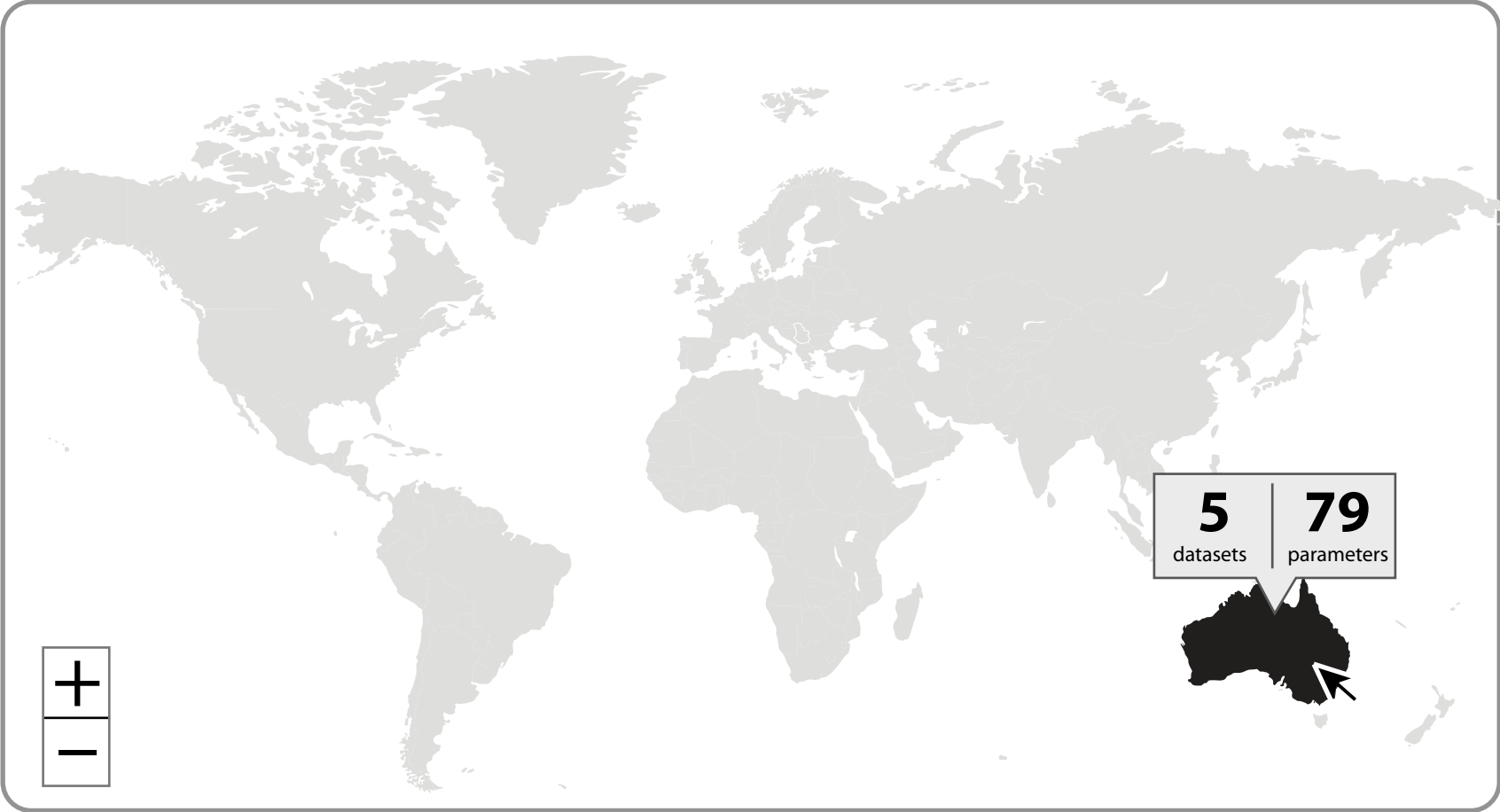
Cancel OK

# Mouseover option B (recommended) -- # of datasets + parameters per region

## Datahub Browser

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

**Planet** **Custom: Polygon Tool**



**5** datasets | **79** parameters

**+**  
**-**

**SELECTED LOCATION: PLANET**  
**AVAILABLE DATASETS: 172**

keyword search (optional)

**GET RESULTS**

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

# Showing selected region - also showing selected category filters

## Datahub Browser

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.



### CATEGORY

- Weather & Climate
- Environment
- Oceans
- Inland Waters**
- Farming
- Geophysics & Geology
- Elevation**
- Civil Planning
- Utilities & Communication
- Base Maps

SELECTED LOCATION: Australia  
SELECTED CATEGORIES: Inland Waters + Elevation  
AVAILABLE DATASETS: 52

**GET RESULTS**



# Showing mouseover of continent (or region) - option A

## Datahub Browser

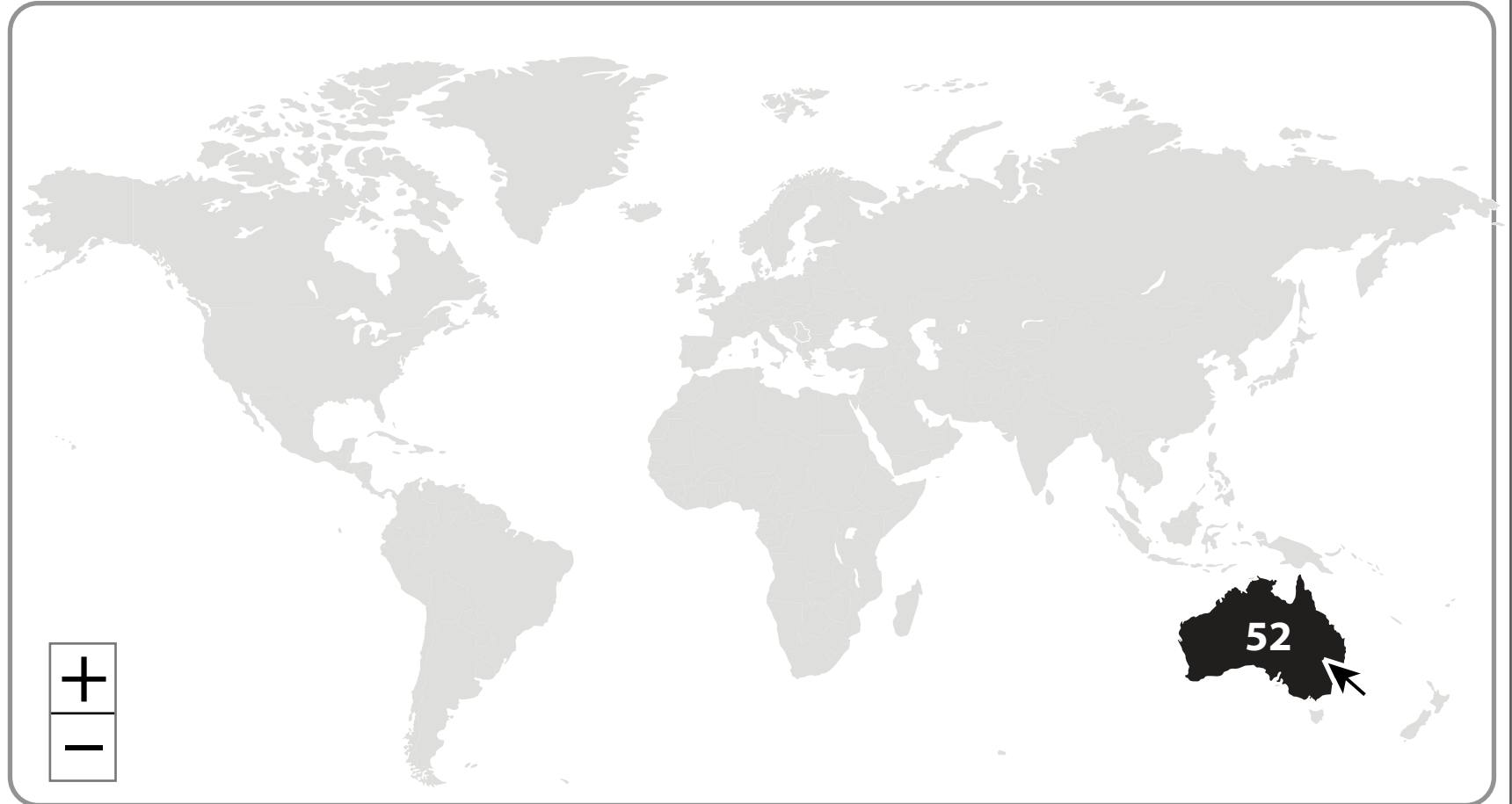
To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

### CATEGORY

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

Planet

Custom: Choose...



SELECTED LOCATION: PLANET

AVAILABLE DATASETS: 172

keyword search (optional)

GET RESULTS

# Drawing polygon

## Datahub Browser

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

### CATEGORY

Weather & Climate

Environment

Oceans

### Inland Waters

Farming

Geophysics & Geology

### Elevation

Civil Planning

Utilities & Communication

Base Maps

Planet

Custom: Polygon Tool



POLYGON COORDINATE:

-180.00 1.45

keyword search (optional)

GET RESULTS

Would be great to have coordinates update  
in real time as user is mousing over

# Polygon is complete

## Datahub Browser

To get started, choose the part of the planet you're interested in by clicking a region — or get more precise by using our polygon selection tool. Add a keyword to your search and category filters to narrow results to your interests.

### CATEGORY

Weather & Climate

Environment

Oceans

**Inland Waters**

Farming

Geophysics & Geology

**Elevation**

Civil Planning

Utilities & Communication

Base Maps

Planet

Custom: Polygon Tool

X Clear selection



SELECTED LOCATION - Polygon:

(( -180.00 84.36, -41.82 84.36,  
-41.82 1.45, -180.00 1.45 ))

SELECTED CATEGORIES: Inland Waters + Elevation

AVAILABLE DATASETS: 25

keyword search (optional)

GET RESULTS

# Datahub Browser loading indicator

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### Data Browser

**Filter options:**  
 show only datasets using CF conventions

**CATEGORY**

- Weather & Climate
- Environment
- Oceans
- Inland Waters**
- Farming
- Geophysics & Geology

**Elevation**

- Civil Planning
- Utilities & Communication
- Base Maps

**TEMPORAL COVERAGE**

- Current
- Last 30 days
- Last year
- Select date range

**SPATIAL RESOLUTION**

< 0.01 deg 0.2 deg

**TEMPORAL RESOLUTION**

- Single timestep
- Less than minute
- 15 min
- 1 hour
- 3 hours
- 6 hours
- Daily
- Weekly
- Monthly
- Yearly

**FEATURE TYPE**

- Grid
- Point

Location selection: (( -180.00 84.36, -41.82 84.36, -41.82 1.45, -180.00 1.45 ))







[Edit Location](#)







### Dataset Results







Updating Results...







for polygon + "rain" + Weather & Climate + 2 degree spatial res







rain







<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>				
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago				
Update Frequency	24h	Temporal Resolution	3 hours		
Product Type	Forecast	Spatial Resolution	1/12 degrees		
Feature Type	GRID	Start - End	Current - Ongoing		
Try it now:	<a href="#">EMBED</a>				

**More:** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)

# Datahub Browser Option A: User gets full UI on page for dynamically updating results (including per location)

- 1- Clear selection: Planet is default location, results update for whole planet
- 2 - (Optional) User can mouse over to preview datasets available on each region per active filter
- 3 - User draws with polygon again (entire page functions disabled until polygon complete or
- 4 - Selects different region through pulldown or mouseover/ click

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## Planet OS DataHub : DataHub Browser

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### Data Browser

**Filter options:**

- show only datasets using CF conventions
- show Open Data
- show Commercial Data

**EDIT LOCATION:** Planet

**SELECTED LOCATION - POLYGON:**  
((-180.00 84.36, -41.82 84.36, -41.82 1.45, -180.00 1.45))

**AVAILABLE DATASETS: 25**

**Dataset Results:** rain

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<input type="button" value="TRY IT NOW"/>	<input type="button" value="EMBED/SHARE"/>		

More: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)

# Datahub Browser Option B, large map on page:- Showing Edit Location State

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## Data Browser

**Filter options:**  
 show only datasets using CF conventions

**Edit Location:** Planet Custom: Polygon Tool X Clear selection



**SELECTED LOCATION - POLYGON:**  
((-180.00 84.36, -41.82 84.36, -41.82 1.45, -180.00 1.45))

**AVAILABLE DATASETS: 25** [UPDATE RESULTS](#) [CANCEL](#)

### Dataset Results

rain

for polygon + "rain" + Weather & Climate + .2 degree spatial res

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
Try it now: <a href="#">EMBED</a>			

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
Try it now: <a href="#">EMBED</a>			

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
Try it now: <a href="#">EMBED</a>			

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
Try it now: <a href="#">EMBED</a>			

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
Try it now: <a href="#">EMBED</a>			

**More:** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)

# Datahub Browser Option B: (large map alternative): User must enable Edit Location mode through one click

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## Planet OS Datahub : Data Browser

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### Datahub Browser

**Filter options:**

- show only datasets using CF conventions
- show Open Data
- show Commercial Data

**Location selection:** (( -180.00 84.36, -41.82 84.36, -41.82 1.45, -180.00 1.45 ))

**CATEGORY**

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geology
- Elevation
- Civil Planning
- Utilities & Communication
- Base Maps

**TEMPORAL COVERAGE**

- Current
- Last 30 days
- Last year

Select date range

**SPATIAL RESOLUTION**

< 0.01 deg 0.2 deg

**TEMPORAL RESOLUTION**

- Single timestep
- Less than minute
- 15 min
- 1 hour
- 3 hours
- 6 hours
- Daily
- Weekly
- Monthly
- Yearly

**FEATURE TYPE**

- Grid
- Point

[EDIT LOCATION](#)

### Dataset Results

rain

for polygon + "rain" + Weather & Climate + .2 degree spatial res

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a>	<a href="#">EMBED/SHARE</a>		

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a>	<a href="#">EMBED/SHARE</a>		

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a>	<a href="#">EMBED/SHARE</a>		

OPEN DATA			
<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>			
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing
<a href="#">TRY IT NOW</a>	<a href="#">EMBED/SHARE</a>		

**More:** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)

Datahub Browser Option C: (recommended, if able to build different state for dataset detail pages depending on whether the user accessed the dataset through a direct link or via the Datahub Browser. Direct link requires large map UI): User must enable Edit Location mode through one click

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## Planet OS Datahub

One operating system for our diverse planet — in a single API [learn more >>](#)

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### Data Browser

**Filter options:**

show only datasets using CF conventions

show Open Data

show Commercial Data

**Location selection:** (( -180.00 84.36, -41.82 84.36, -41.82 1.45, -180.00 1.45 ))

Edit Location

---

**CATEGORY**

Weather & Climate

Environment

Oceans

**Inland Waters**

Farming

Geophysics & Geology

**Elevation**

Civil Planning

Utilities & Communication

Base Maps

### Dataset Results

for polygon + "rain" + Weather & Climate + .2 degree spatial res

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>	
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago	
Update Frequency	24h	Temporal Resolution 3 hours
Product Type	Forecast	Spatial Resolution 1/12 degrees
Feature Type	GRID	Start - End Current - Ongoing
<span style="border: 1px solid #ccc; padding: 2px 10px;">TRY IT NOW</span>	<span style="border: 1px solid #ccc; padding: 2px 10px;">EMBED/SHARE</span>	

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>	
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago	
Update Frequency	24h	Temporal Resolution 3 hours
Product Type	Forecast	Spatial Resolution 1/12 degrees
Feature Type	GRID	Start - End Current - Ongoing
<span style="border: 1px solid #ccc; padding: 2px 10px;">TRY IT NOW</span>	<span style="border: 1px solid #ccc; padding: 2px 10px;">EMBED/SHARE</span>	

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>	
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago	
Update Frequency	24h	Temporal Resolution 3 hours
Product Type	Forecast	Spatial Resolution 1/12 degrees
Feature Type	GRID	Start - End Current - Ongoing
<span style="border: 1px solid #ccc; padding: 2px 10px;">TRY IT NOW</span>	<span style="border: 1px solid #ccc; padding: 2px 10px;">EMBED/SHARE</span>	

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>	
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago	
Update Frequency	24h	Temporal Resolution 3 hours
Product Type	Forecast	Spatial Resolution 1/12 degrees
Feature Type	GRID	Start - End Current - Ongoing
<span style="border: 1px solid #ccc; padding: 2px 10px;">TRY IT NOW</span>	<span style="border: 1px solid #ccc; padding: 2px 10px;">EMBED/SHARE</span>	

<b>OPEN DATA</b>	<b>GFS Global Weather Forecast by NCEP. Near Surface Parameters.</b>	
Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago	
Update Frequency	24h	Temporal Resolution 3 hours
Product Type	Forecast	Spatial Resolution 1/12 degrees
Feature Type	GRID	Start - End Current - Ongoing
<span style="border: 1px solid #ccc; padding: 2px 10px;">TRY IT NOW</span>	<span style="border: 1px solid #ccc; padding: 2px 10px;">EMBED/SHARE</span>	

**TEMPORAL COVERAGE**

Current

Last 30 days

Last year

Select date range ▾

**SPATIAL RESOLUTION**

< 0.01 deg
0.2 deg

**TEMPORAL RESOLUTION**

Single timestep

Less than minute

15 min

1 hour

3 hours

6 hours

Daily

Weekly

Monthly

Yearly

**FEATURE TYPE**

Grid

Point

**More:** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)



# Datahub Browser Option C: showing Edit Location modal dialog

Planet OS Data Hub Powerboard Developer Resources Technology Company Blog

## Planet OS Data Hub

### A Revolution in Planetary Data Possibilities

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### Data Browser

Filter options:

show only datasets  
CF conventions

CATEGORY

- Weather & Climate
- Environment
- Oceans
- Inland Waters
- Farming
- Geophysics & Geo
- Elevation
- Civil Planning
- Utilities & Commu
- Base Maps

TEMPORAL COVER

- Current
- Last 30 days
- Last year

SPATIAL RESOLUTION

< 0.01 deg 0.2 deg

TEMPORAL RESOLUTION

- Single timestep
- Less than minute
- 15 min
- 1 hour
- 3 hours
- 6 hours
- Daily
- Weekly
- Monthly
- Yearly

FEATURE TYPE

- Grid
- Point

**Edit Location:**

Planet Custom: Polygon Tool

Clear selection



SELECTED LOCATION - POLYGON:  
((-180.00 84.36, -41.82 84.36,  
-41.82 1.45, -180.00 1.45))

UPDATE RESULTS

CANCEL

OPEN DATA

GFS Global Weather Forecast by NCEP. Near Surface Parameters.

Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing

Try it now: [EMBED](#)

OPEN DATA

GFS Global Weather Forecast by NCEP. Near Surface Parameters.

Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing

Try it now: [EMBED](#)

OPEN DATA

GFS Global Weather Forecast by NCEP. Near Surface Parameters.

Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing

Try it now: [EMBED](#)

OPEN DATA

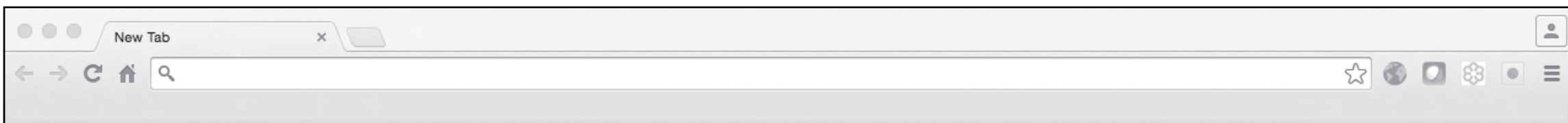
GFS Global Weather Forecast by NCEP. Near Surface Parameters.

Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing

Try it now: [EMBED](#)

More: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) ... [10](#)

# Open Roadmap



Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS DataHub : Open Roadmap

We're committed to making our API service work with all the open and commercial datasets our users require.

Upvote or suggest datasets (or features) you would most like to access.

**SUGGEST A DATASET**

**BROWSE DATA NOW**

### Datasets in our pipeline

- ↑ 42 ↓

[optional graphic]

**Dataset Name**  
*approximate release: July 28, 2016*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 31 ↓

[optional graphic]

**Dataset Name**  
*approximate release: to be determined*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 19 ↓

[optional graphic]

**Dataset Name**  
*approximate release: to be determined*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 15 ↓

[optional graphic]

**Dataset Name**  
*approximate release: August 5, 2016*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 10 ↓

[optional graphic]

**Dataset Name**  
*approximate release: August 28, 2016*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 3 ↓

[optional graphic]

**Dataset Name**  
*approximate release: August 31, 2016*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte
- ↑ 1 ↓

[optional graphic]

**Dataset Name**  
*approximate release: September 5, 2016*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte

# Suggest a dataset (or feature) — should we force people to sign in first?

New Tab

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS DataHub : Open Roadmap

We're committed to... require.

Upvote or suggest

Suggest a dataset

for Free

Datasets in c

42 [optional graphic]

31 [optional graphic]

19 [optional graphic]

15 [optional graphic]

10 [optional graphic]

3 [optional graphic]

1 [optional graphic]

### Planet OS Datahub Open Roadmap: Suggest a Dataset

Please list the dataset name(s) (with institution provider) or describe the feature(s) you'd like to see in the Datahub Service.

CANCEL SUBMIT SUGGESTION

**Dataset Name**  
*approximate release: to be determined*  
Brief description of dataset with [link to original source](#) goes here lorem ipsum et varius ligula sed elementum lacinia. Sed turpis urna, luctus quis nisl non, consecte

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# Suggestion submitted

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15 [optional graphic]

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10 [optional graphic]


**Dataset Name**  
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3 [optional graphic]

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1 [optional graphic]

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Sed turpis urna, luctus quis nisl non, consecte



## Thank you!

Your suggestion has been submitted and we'll review it shortly.

OK


# Intercom pop-up for help - on first search results experience per session?

Planet OS **Datahub** Powerboard Developer Resources Technology Company Blog

## Planet OS Datahub

A Revolution in Planetary Data Po

**SIGN UP FOR FREE** Questions:



**Planet OS Team**  
Having trouble finding the right data? Let us know — we can help.

Send a message...

### Data Browser

**Filter options:**

- show only datasets using CF conventions
- show Open Data
- show Commercial Data

**Location selection:** (( -180.00

**EDIT LOCATION**

### Dataset Results

for polygon + "rain" + Weather & Climate + .2 degree spatial res

**CATEGORY**

- Weather & Climate
- Environment
- Oceans
- Inland Waters**
- Farming
- Geophysics & Geology
- Elevation**
- Civil Planning
- Utilities & Communication
- Base Maps

**TEMPORAL COVERAGE**

- Current**
- Last 30 days
- Last year
- Select date range

**SPATIAL RESOLUTION**

< 0.01 deg 0.2 deg

**TEMPORAL RESOLUTION**

- Single timestep**
- Less than minute
- 15 min
- 1 hour
- 3 hours
- 6 hours
- Daily
- Weekly
- Monthly
- Yearly

**FEATURE TYPE**


- Grid**
- Point

**OPEN DATA**

**GFS Global Weather Forecast by NCEP. Near Surface Parameters.**

Refreshed	Jun 7, 2016 at 11:38 UTC 3 hours ago		
Update Frequency	24h	Temporal Resolution	3 hours
Product Type	Forecast	Spatial Resolution	1/12 degrees
Feature Type	GRID	Start - End	Current - Ongoing

**TRY IT NOW** **EMBED/SHARE**




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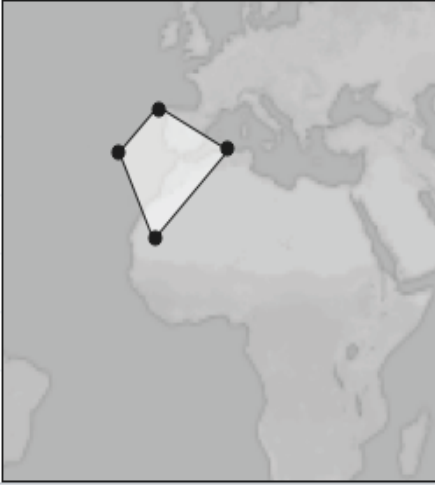


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**More:** 1 2 3 4 5 6 7 ... 10