

PLAN Systems

Planet Tools



Native 3D Apps

“Turn-key” Native 3D App Development Framework





System X The Mushroo X

Medical Notes X

0 Line Report
1. Grid location of place/site
2. Radio frequency, call sign
3. Number of patients by precedence
a. Urgent
b. Urgent-Surgical c. Priority
c. Routine
d. Casualty/Deceased
4. Special Equipment
a. None
b. None
c. Extraction Equipment
d. Ventilator
5. Number of patients by type
a. Patients Injured
b. Line Medical Evaluation Request
A. Ground
B. Patients Ambulators
6. (Prevalence) Number and type of wound, injury. Specific information regarding casualty type.

91 Line Report

Equipment List X

	A	B	C	D
1	Fire Station	Personnel	Equipment	Position
2	on scene	Blaine	Earthquake	Medic
3	on scene	Charlie	Water Truck	OSC
4	on scene	Bob	Fire Truck 1	IT
5	on scene	Alve	Ambulance	Driver
6	on scene	Severson	Life Flight	Pilot
7				
8				
9				
10				
11				
12				
13				
14				
15				

OSC Emergency X

Firebeam 1 - T... X

Enter text...



Hello Universe X Home X

983m

3D Enviro... X

B.D... X

Leav... X

509m

hello, I found you!
7/31/2021 4:40:26 PM

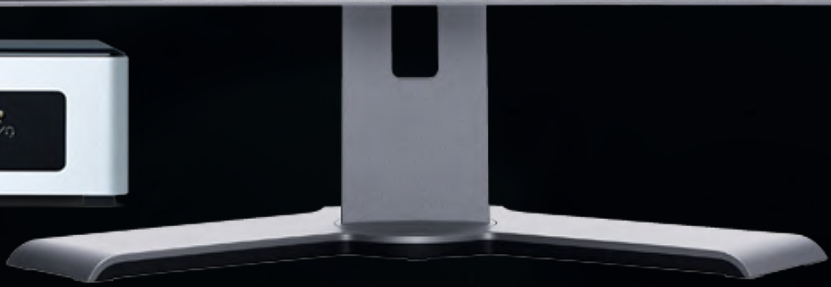
Let's get to work!
10/10/2021 12:26:58 PM

Welcome to the metaverse, with
realtime spatial collaboration.
10/10/2021 12:29:10 PM

We are live.
10/10/2021 12:30:48 PM

3D models + Collaborative Spaces +
Channels to Organize all the things!
10/10/2021 12:32:33 PM

Enter text...



Space Builder

Spatial Linking

Communications

3D Models

AV / File Sharing

AR / VR Ready

Explore

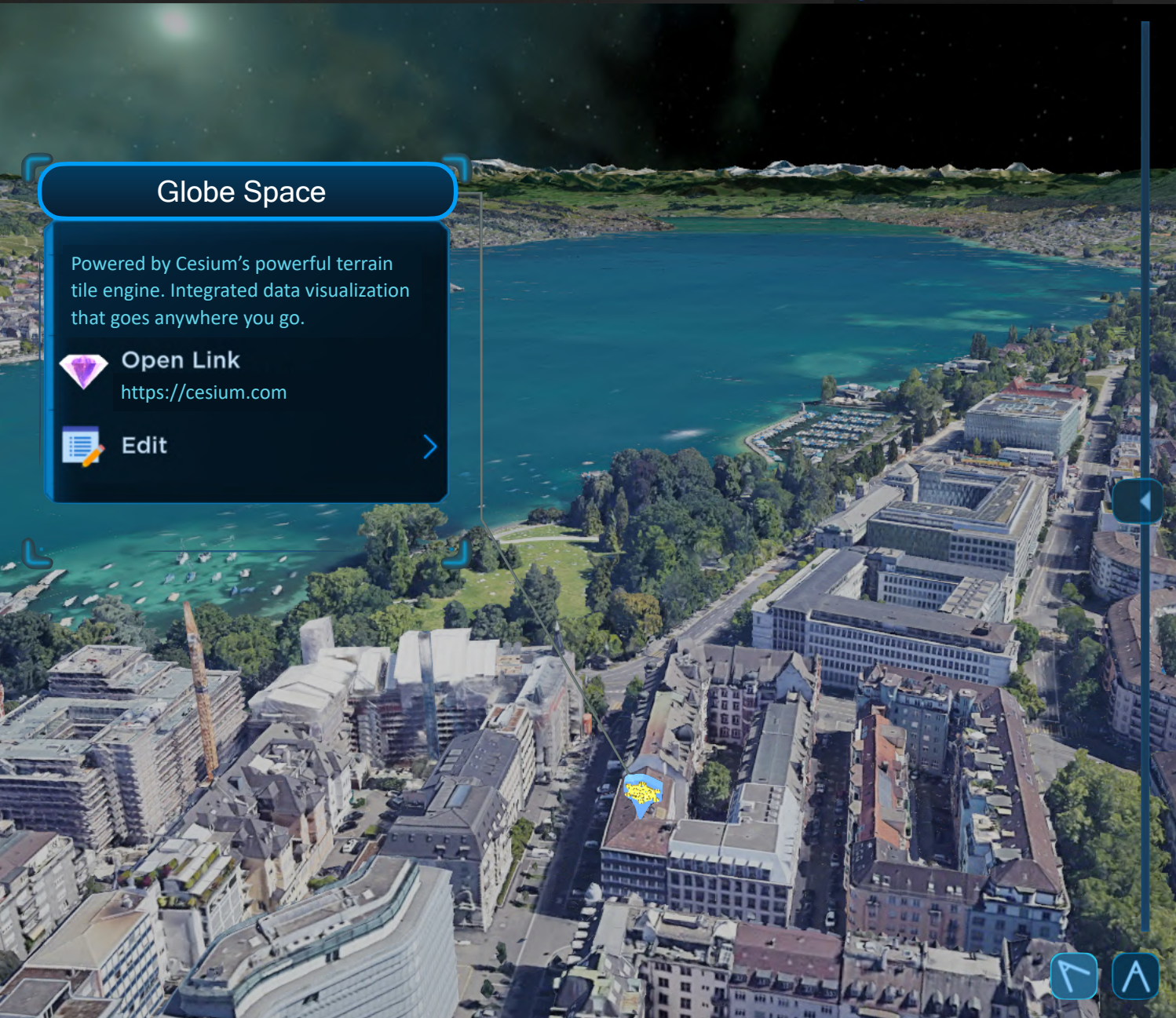
Hospital

New Contract

Add New Channel


- Sheets
Edit a collaborative spreadsheet
- Space
Container for channels, links, files
- Talk
Private and group messaging
- Notes
Edit collaborative notes



122m



Globe Space

Powered by Cesium's powerful terrain tile engine. Integrated data visualization that goes anywhere you go.

 **Open Link**
<https://cesium.com>

 **Edit** 

The Platform for 3D Geospatial

Cesium is the open platform for software applications designed to unleash the power of 3D data.

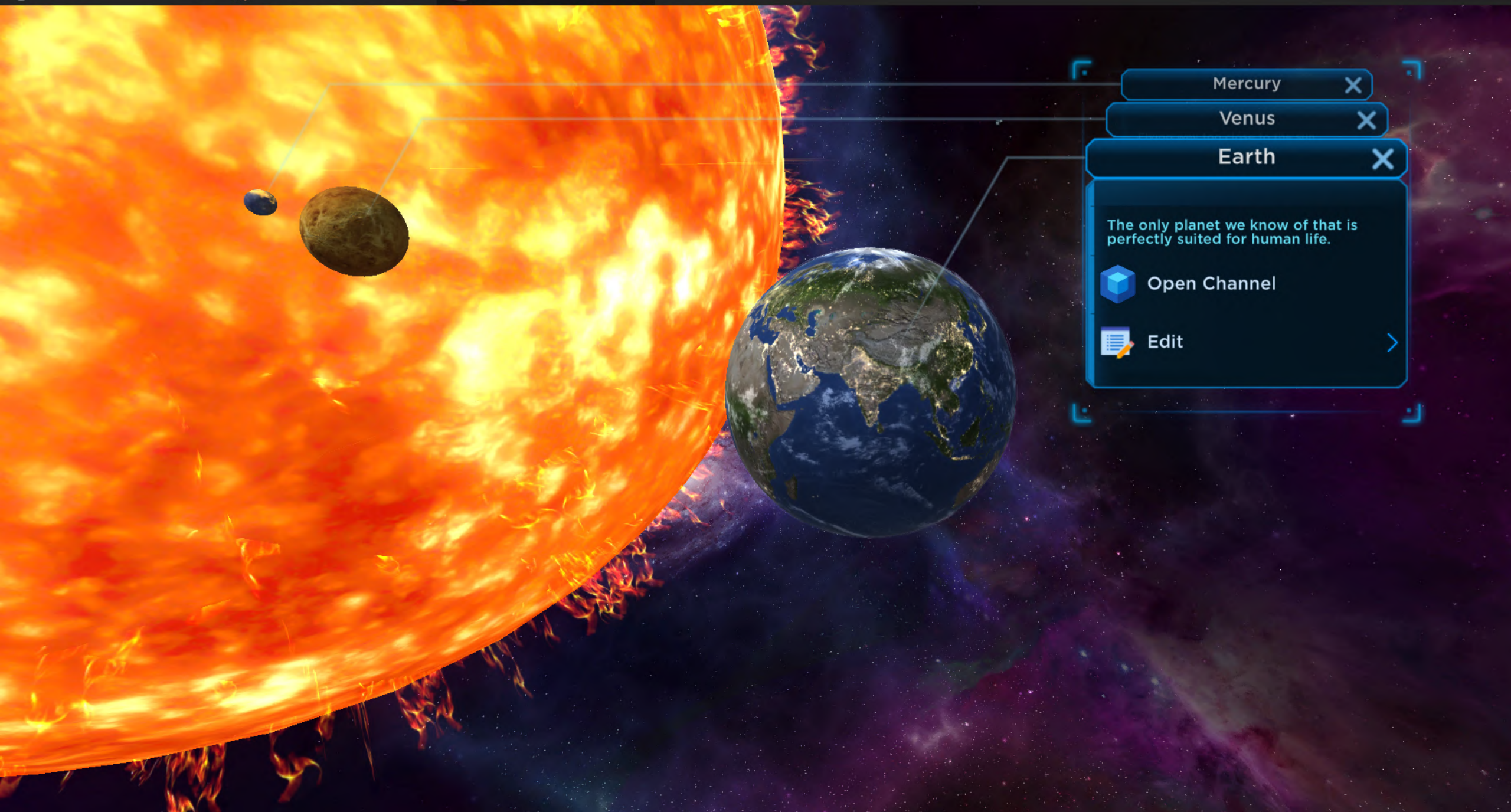
TRUSTED BY THOUSANDS



Web3 AV/3D/XR

Experiential media distribution platform





- Mercury 
- Venus 
- Earth 

The only planet we know of that is perfectly suited for human life.

 Open Channel

 Edit 



147m ◀



Situation Awareness

Integrated data, media, and collaboration





OSC Emerg...

incident commander is the primary point of contact and source of truth about your incident. They see the big picture, manage all the moving pieces, know what's been tried and what's still on the radar, and plan for and manage next steps.
7/22/2021 12:13:50 PM

Contact me here if you need a rapid response or high priority action items.
7/22/2021 12:16:35 PM

Life Flight is arriving, popping blue smoke.
7/22/2021 12:21:04 PM

Enter text...

Office Chat

12/8/2021 12:28:41 PM

We're having an incident on site. Fire department has been called and deploying to the incident location.
12/27/2021 10:59:41 PM

Please keep the office updated here with asset and personnel status.
12/27/2021 11:00:17 PM

Status Update: All persons on site accounted for.
12/27/2021 11:00:37 PM

Enter text...

Fireteam 1 - T...

On scene commander is on site.
7/19/2021 5:43:42 PM

Personnel deploying to position. We'll be ready to go in 15min.
12/27/2021 10:58:57 PM

Ordering a life flight for 1 ambulatory patient.
12/27/2021 11:02:18 PM

Enter text...



Medical Notes

- 9 Line Report
12/27/2021 9:36:47 PM
- Fire Team Notes
12/27/2021 9:37:41 PM
- On Scene Commander Reports
12/27/2021 9:38:01 PM
- SoPs and Guidance
12/27/2021 9:41:51 PM
- Status Update
12/27/2021 9:27:44 PM
- Equipment Status Board
12/27/2021 9:38:15 PM
- Personnel Status Board
12/27/2021 9:38:52 PM
- Crew Reporting Instructions
12/27/2021 9:42:11 PM
- Medical Team Notes
12/27/2021 9:37:49 PM

9 Line Report

- Grid location of pickup site
- Radio frequency, call sign
- Number of patients by precedence
 - Urgent
 - Urgent-Surgical
 - Priority
 - Routine
 - Convenience
- Special Equipment
 - None
 - Hoist
 - Extraction Equipment
 - Ventilator
- Number of patients by type
 - L ____ # Patients litter
 - 9 Line Medical Evacuation Request
 - Air/Ground
 - A ____ # Patients ambulatory
- (Peacetime) Number and type of wound, injury. Specific information regarding casualty(ies).
- Method of marking
 - Panels
 - Pyrotechnic signal
 - Smoke signal
 - None
 - Other
- Patient Nationality and status

OSC Emerg...

incident commander is the primary point of contact and source of truth about your incident. They see the big picture, manage all the moving pieces, know what's been tried and what's still on the radar, and plan for and manage next steps.
7/22/2021 12:13:50 PM

Contact me here if you need a rapid response on high priority action items.
7/22/2021 12:16:35 PM

Life Flight is arriving, popping blue smoke.
7/22/2021 12:21:04 PM

We need Snickers to circle around, we're still prepping the burn. Patient is Ambulatory.
7/22/2021 12:22:40 PM

Enter text...

Office Chat

Fireteam 1 - T...

On scene commander is on site.
7/19/2021 5:43:42 PM

Personnel deploying to position. We'll be ready to go in 15min.
12/27/2021 10:58:57 PM

Ordering a life flight for 1 ambulatory patient.
12/27/2021 11:02:18 PM

Enter text...

Equipment L...

	A	B	C	D
1	Fire Station1	Personnel	Equipment	Position
2	on scene	Diane	Burn kit	Medic
3	on scene	Charile	Water Truck	OSC
4	on scene	Bob	Fire Truck 1	LT
5	on scene	Alice	Ambulance1	Driver
6	en-route	Snickers	Life Flight	Pilot
7				
8				
9				
10				



Maui Fires 2023

Disaster Relief Operations Portal

295m



System | Spec Chanel | West Maui - HI

- Hawaii Emergency Management Agency
- Windy Weather and Webcam
- Maui Relief Requests & Offers
- Open Link
- Edit

http://govern... | https://www.youtube.com/watch?v=... | http://govern... | http://govern...

hawaii.gov

Home • August 2023 Wildfires

AUGUST 2023 WILDFIRES

The Hawaii Emergency Management Agency is supporting wildfire response and recovery efforts in Hawaii and Maui counties, including the extensive damage in Lahaina.

This page will be updated regularly to reflect new information.

- Visit Maui County's comprehensive website with information on how to get relief, volunteer, and make donations: <https://www.mauihawaii.gov/>
- For updates on Maui, visit the County of Maui website: <https://www.mauihawaii.gov/>

NEWS: NEW QUESTIONS ABOUT LACK OF WILDFIRE SIRENS

https://www... | https://www.windy.com/722,162,-156,4431

Windy.com

Search location

Radar & Satellite
Wind
Wind gust
Rain, thunder
Temperature
Clouds
Waves
Air quality
More layers...

Monday 18 - 8 AM

ECDFE NALA GFS 1 more

0 5 10 20 30 40 60

https://dasst... | https://firms... | https://hawaii... | https://www...

Quick Search | Announcements | Feedback

FIRMS

Fire Information for Resource Management System

Free: Aug 09 2023 - Aug 15 2023

MEASURE | LOCATION | LAYERS | ANALYZE

NEW DATA MAY BE AVAILABLE: Click to Refresh Data Layers

https://hawaii... | https://www...

Fire Affected Region of Lahaina

Fire Affected Region of Lahaina

Description
Total Area: 2,438.41 acres

Last Report: August 13 2023 8:55 PM GMT
Nogrevious reports available to calculate growth. Lower total area burned perimeter shown on map.

Reported data reflects overall fire to date, not currently burning area. Check report date for finalities, also satellite defectors can provide additional information on recently burning areas. Learn more about fire data sources.

AltView: <https://fire.hawaii.gov/>

NASA FIRMS
<https://firms.modaps.eosdis.nasa.gov/map/#2:24hrup:136:1,23,6,92>

2 photos



Maui Relief Requests & Offers X

Road Closure X

Quick Links | Leave a Note X

Leave a note or message here for Aloha Response Team

Open Channel

Edit



Maui Relief Map - Haves & Needs

This is a form to collect and coordinate needs (requests) and haves (offers) for people directly affected or contributing to the Maui Fires 2023 relief effort. Please contact the map maker at bd@plan-systems.org if you need assistance.

Quick Links a... X

- View a Network L...
8/14/2023 11:13:54 PM
- This Channel Is fo...
8/12/2023 8:16:10 AM
- If you're tracking ...
8/14/2023 11:14:28 PM

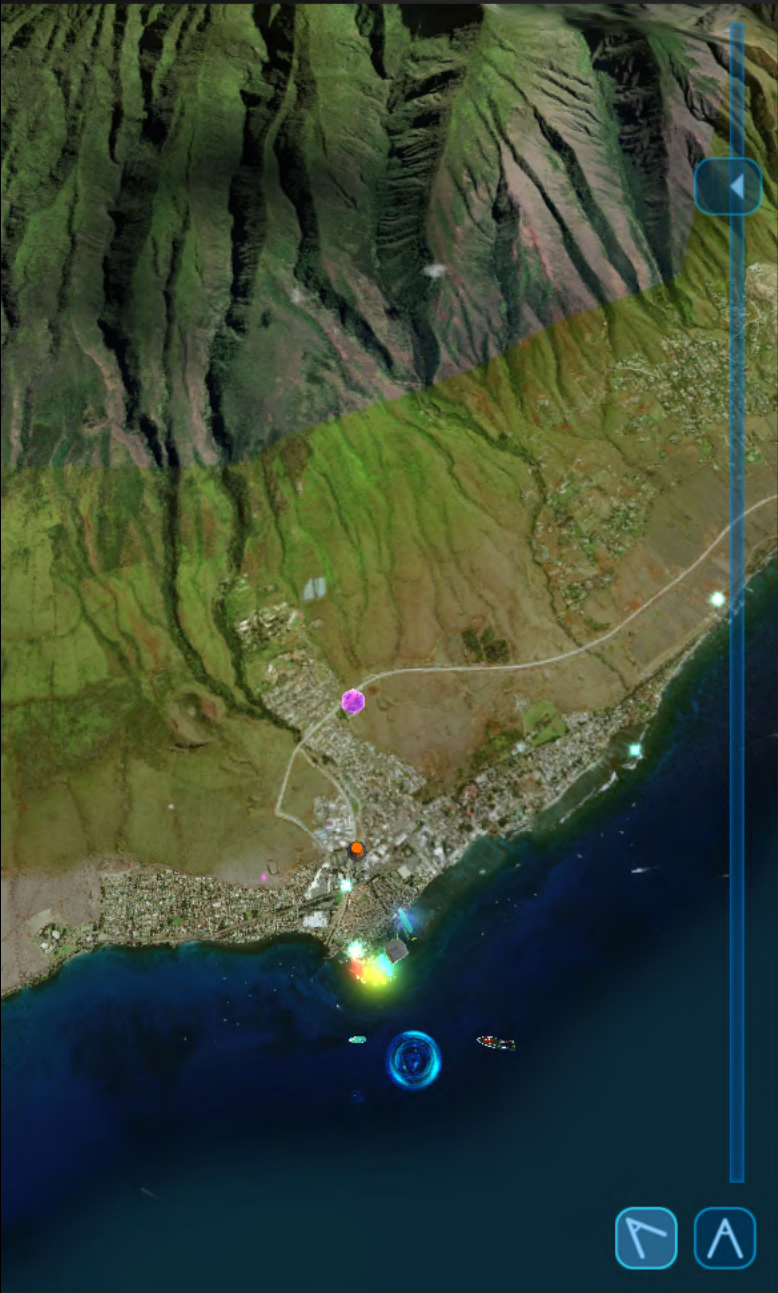
If you're tracking the Maui Fire 2023 Situation, I've been combining some resources and info for maui fire relief into the following:

Maui Fires 2023 - Google Map:
<https://www.google.com/maps/d/u/0/edit?mid=1pbT9d0xbLSIdMcoRYEA5WlQWj8HYz18&usp=sharing>

Map Request Form (linked to spreadsheet):
<https://forms.gle/Yff8gwmhAvDN3VDK6>

Mapping Spreadsheet (linked to form):
https://docs.google.com/spreadsheets/d/1X_nsEEDhQ029I0eoavHpDg8JLJL1rZpuiauL4VYDuhU/edit?usp=sharing





https://www.windy.com/-Hurricane-tracker/hurricanes/hilary?23.039,-117.169,6

Hurricane tracker

Hurricane category 3
Hilary
 Wind speed \rightarrow Pressure \curvearrowright
100 kt **28.29 inHg**
 Forecast model:
 NHC-EP UKM ECMWF
 Updated 2h 46m ago

Tropical depression 99l

Tropical depression 98l

Tropical depression 90l

Map showing Hurricane Hilary's path and forecast. The map includes labels for locations like Guerrero Negro (71°), La Poza Grande (84°), and Cabo San Lucas (80°). Forecast data points include: Tomorrow - 7:00 (88°), Today - 13:00 (100kt | 28.29inHg), and Today - 7:00 (113kt | 27.85inHg). The map also shows wind speed vectors and various weather layers like Radar & Satellite, Wind, Rain, thunder, Temperature, Clouds, Waves, and Air quality.

Surface

particles animation pressure Yesterday - 13:00

webcams previews

Saturday 19 - 3 PM ECMWF 9km HRRR 3km GFS 22km 2 more...

kt 0 5 10 20 30 40 60

© OpenStreetMap contributors





Lightning in a Bottle

3D Festival App: collaboration meets media fusion



20TH ANNIVERSARY
LIGHTNING IN A BOTTLE

ART & INTERACTIVITY

- **HOUSE OF BOWEN**
at 10:00 AM
- **BOAT PITCHES**
at 10:00 AM
- **BOB LANGRISH'S KITCHEN**
at 10:00 AM
- **CHICKA-DEE-DEE**
at 10:00 AM
- **COFFEE AND TARTAR**
at 10:00 AM
- **CRACKLE LUNCH**
at 10:00 AM
- **DISCO: SUNDAY**
at 10:00 AM
- **PINK FLAMÉ COFFEE**
at 10:00 AM
- **PLUMBY MARKET BAGS**
at 10:00 AM
- **ROCK PUNCH BLAZING**
at 10:00 AM
- **STRONGHOLD**
at 10:00 AM
- **WINE SUNDAY SEASONS**
at 10:00 AM
- **CONCRETE TRANSPORTERS**
at 10:00 AM
- **WESTERN CINEMA: AN EXPERIENCE**
at 10:00 AM
- **OUTSIDE MOUNTAIN MEN**
at 10:00 AM
- **PHONOGRAPH PARTY**
at 10:00 AM
- **ROCK & ROLL FELLOWS PAVE**
at 10:00 AM
- **ROCKY BOTTLE**
at 10:00 AM
- **THE THUNDERBOLT ICE CREAM TRUCK**
at 10:00 AM
- **THE GINGER TREE HOT BAR**
at 10:00 AM
- **THE BOB BOMB**
at 10:00 AM
- **THE HOT TIPS**
at 10:00 AM
- **WINDY FIELDS**
at 10:00 AM
- **THE ALBUQUERQUE RELEASE**
at 10:00 AM
- **WINDMILL**
at 10:00 AM
- **WINDY TREES**
at 10:00 AM
- **WINDY WINDMILL**
at 10:00 AM

KEY

- **WINEBAR**
- **TAZARLOS HQ BOOTH**
- **WATER**
- **NO CHECK**
- **LOW CHECK IN**
- **MARKETPLACE VENDORS**
- **LICKETS**
- **CASH FEAR HQ**
- **SUNWELL**
- **INFO BOOTH**
- **LOST & FOUND**
- **VIP ENTRANCE**
- **PAID & DRINK VENDORS**
- **BOX**
- **ABA**
- **RESTROOMS**
- **1st AID**
- **HAIR & COLLECTION STATION**



Lightning in a Bottle 2023 Recap Video X

Medical Situation X

Let's Camp Here! X

We can use this notes channel to coordinate about the camp. I left some locations around the map to explore!

Open Channel

Edit >

https://soundcloud.com/pureunrefinedspice/sets/

SOUNDCLOUD Home Feed Library Search for a

Lightning in a Bottle 2023: Live Sets and Mixes

PureUnrefinedSpice

0:00

https://www.youtube.com/watch?v=bQEplSgmGL

Lightning in a Bottle 202...

BOZAB 20TH ANNIVERSARY LIGHTNING A BOTTLE



3D NFTs



Share and Trade Digital Assets and Experiences





Ethereum

LAST BLOCK 4 SECONDS AGO

Your Ad Here with MoonHeads

#17948387	13 Gwei	+1 Gwei
#17948388	13 Gwei	+1 Gwei
#17948389	12 Gwei	+1 Gwei
#17948391	11 Gwei	+1 Gwei
#17948392	12 Gwei	

Low Fee Line: >75000

Planetary OS

Arc Media Platform



Project Overview

Team: A multi-disciplinary team with high demand skills.

Drew: Sr. comp-sci, distributed systems, 3D graphics, successful software distribution business, veteran USNR officer

Alex: 25yrs Geo-spatial remote sensing, ML, ONR sponsored

Anton: Sr. Software Engineer and Full Stack Web Integration

Brandon: 22yrs geo-spatial intelligence and 3D systems industry, veteran USAF emergency rescue, digital media producer

Advisors:

Peter Wang, CEO Anaconda
 Wendy Hanamura, Internet Archive
 Gordon Fuller, Am. Renewable Energy
 Lee Para, Geo-Spatial Systems
 Mitch Schultz, Film Producer

Foundational Technology

Open protocols & infrastructure for others to build on

- ❖ Embedded lightweight pluggable infrastructure
- ❖ Content publishing system & SDK for Unity
- ❖ Panel System UX & seamless spatial linking to content

Current Products & IP:

- ❖ White-label implementation processes
- ❖ Advanced touch navigation for mobile
- ❖ Art visualization content (NFTs), 3D experiences
- ❖ Monetization of immersive spaces & environments

Future IP:

- ❖ Arc Media Platform SDK
- ❖ Planet next-gen UI/UX
- ❖ Scalable & pluggable stack
- ❖ Audio / video engine
- ❖ 3D app distribution pipeline
- ❖ UX templates & plugins
- ❖ Marketplace ecosystem monetization



Ask: [Make Contact](#)

- Production Deliverables
 - 2D-3D App Development
 - Architecture / Experience Design
 - Spatial Mapping / Digital Twin
- Scoped Projects & Investments
 - Roadmap, Milestones, Deliverable
 - 6, 12, 24 month timeline
 - Predictable Outcomes

