

THE EMERGENCY WEBSITE KIT

Max Böck // @mxbck



Max Böck @mxbck

VIENNA, AUSTRIA

<https://mxb.dev>





Nicholas C. Zakas 

@slicknet



Just received a shelter-in-place emergency alert with a web address for more information. Clicked the link. The site is down. All emergency sites should be static.

 129 7:52 PM - Mar 17, 2020



 40 people are talking about this



 **Bundesministerium**
Soziales, Gesundheit, Pflege
und Konsumentenschutz

Als Quelle für alle Diagramme dienen ausschließlich die
geprüften und validierten Daten gemäß Epidemiegesetz.
Die Daten werden von den Bezirksverwaltungsbehörden
zur Verfügung gestellt.

Erkrankungen

2,147

hospitalisiert
66

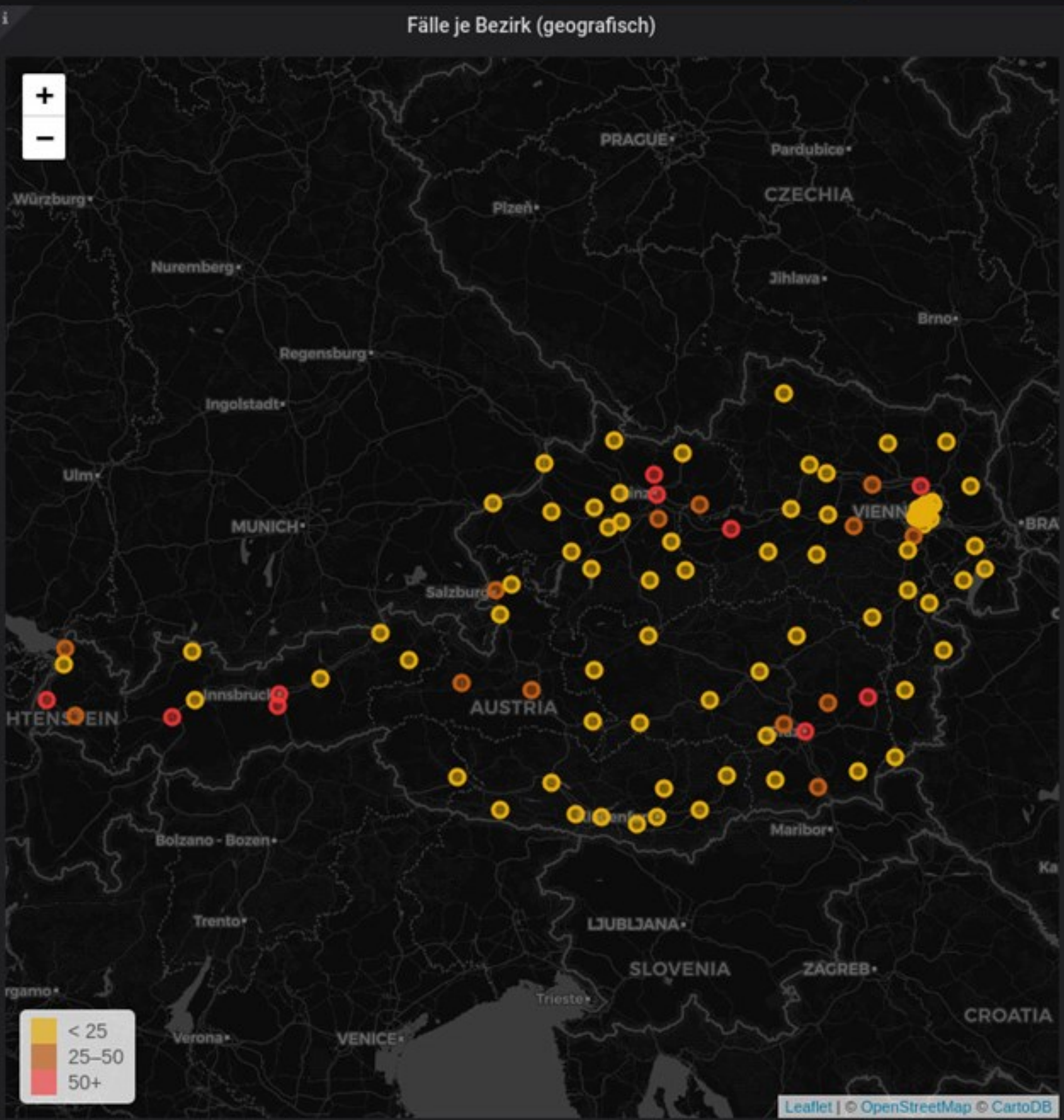
Intensivstation
12

milder Verlauf
2,081



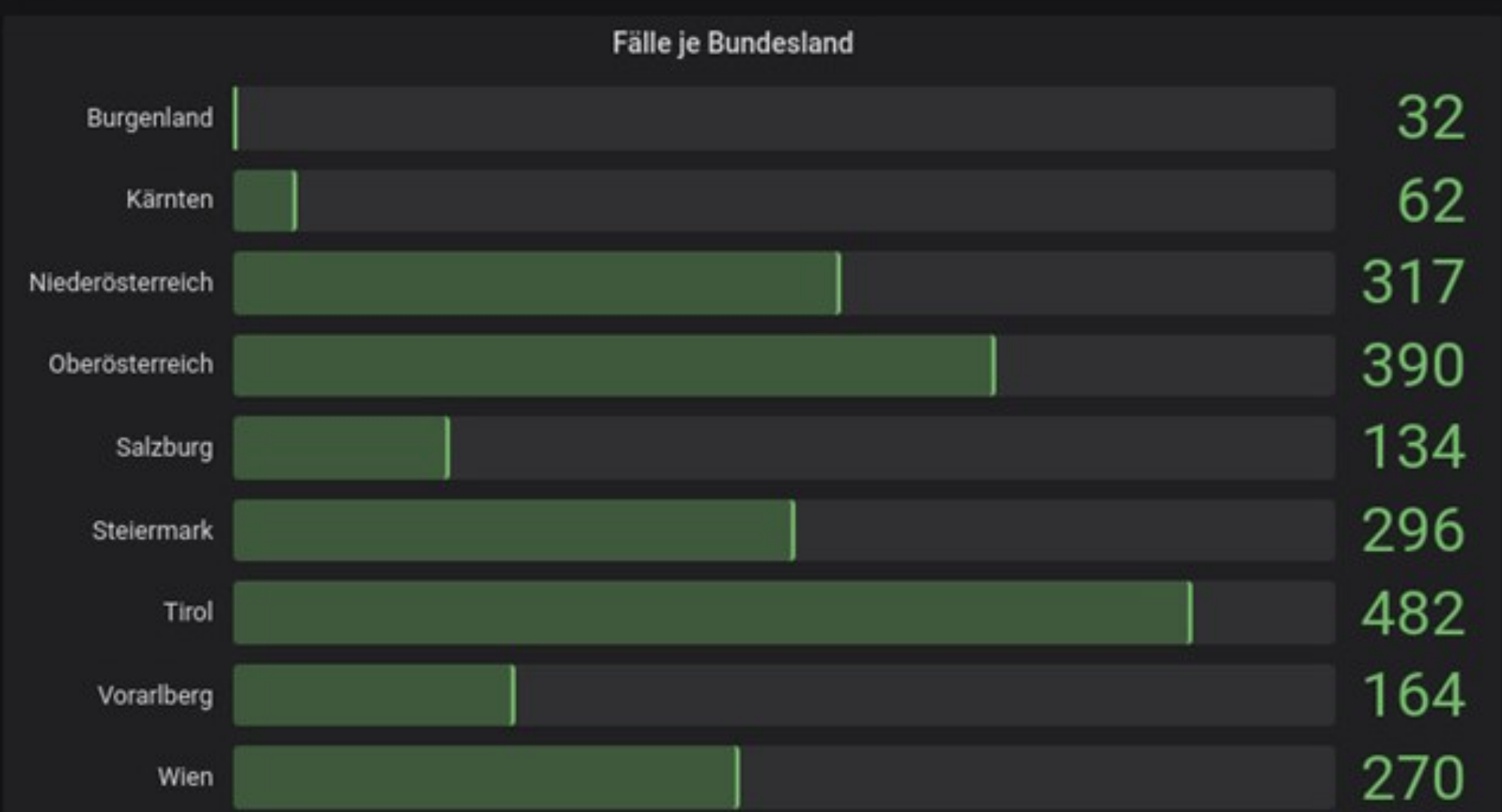
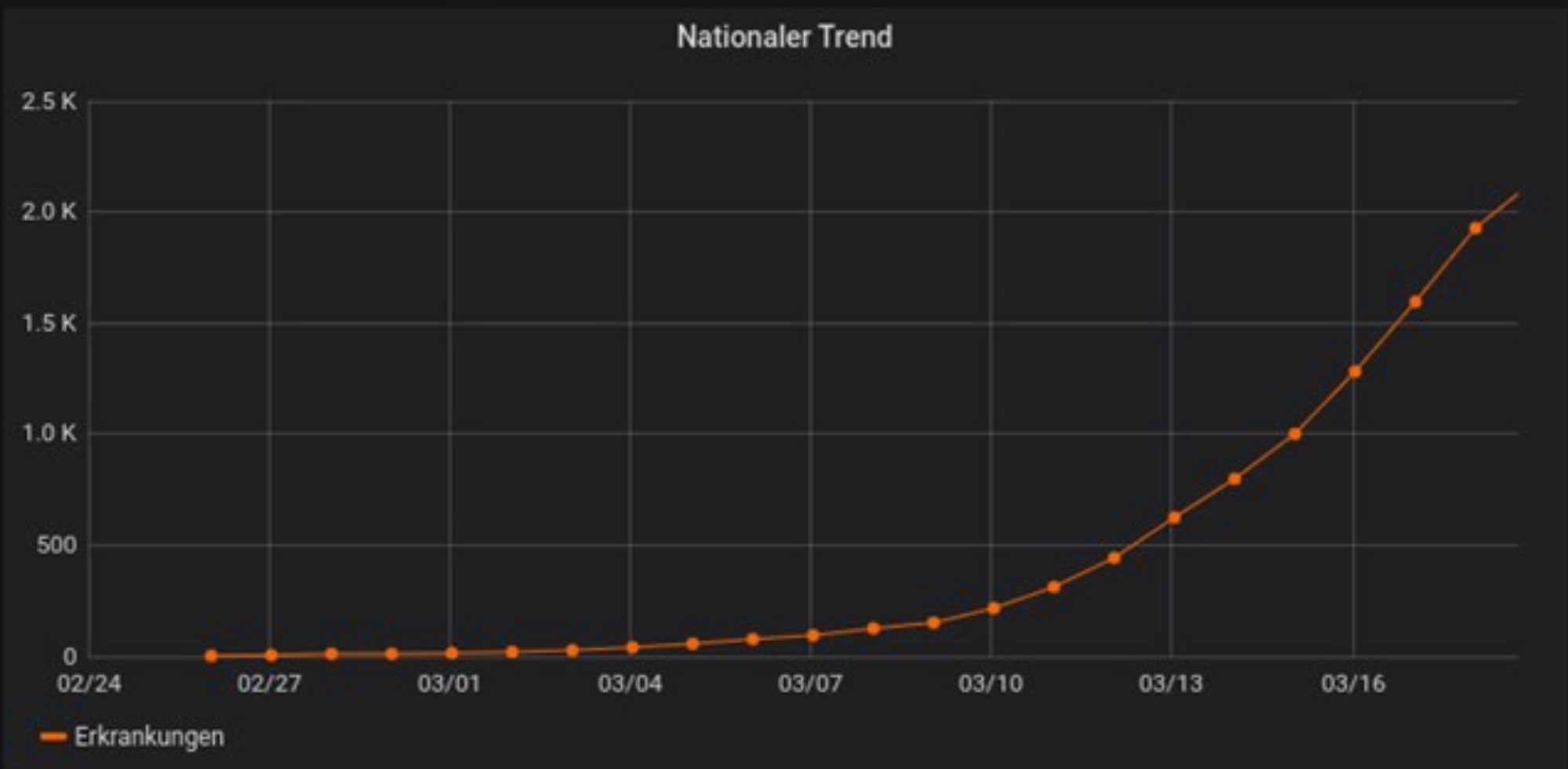
Letzte Aktualisierung

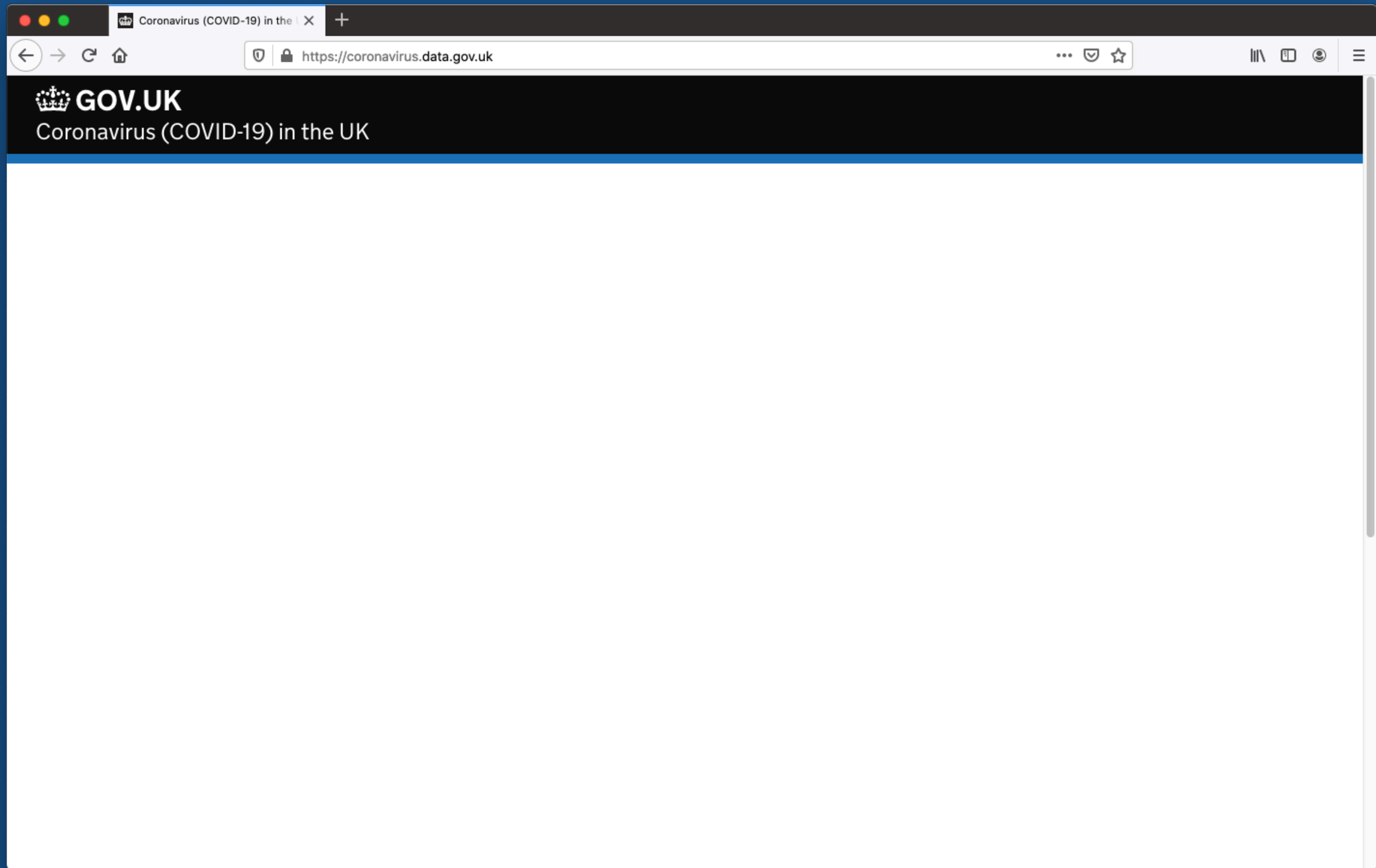
19.03.2020
18:00:20



Fälle je Bezirk (absolute Zahlen)

Bezirk	Anzahl
Amstetten	58
Baden	12
Bludenz	48
Braunau am Inn	6
Bregenz	44
Bruck an der Leitha	11
Bruck-Mürzzuschlag	5
Deutschlandsberg	7
Dornbirn	20
Eferding	6
Eisenstadt-Umgebung	6
Feldkirch	52
Freistadt	19
Gmunden	13
Graz(Stadt)	75
Graz-Umgebung	32
Grieskirchen	11
Gröbming	8
Gänserndorf	2
Hallein	4





<https://coronavirus.data.gov.uk/>

Sta...	Me...	Domain	File	Cause	Type	Transferred	Size	0 ms	1.28 s	2.56 s	3.84 s	5.12 s	6.40 s
200	GET	coronavirus.d...	/	document	html	2.05 kB	2.61 kB	135 ms					
200	GET	coronavirus.d...	2.7f75bbe2.chunk.css	stylesheet	css	8.43 kB	14.93 kB	111 ms					
200	GET	coronavirus.d...	main.6919e0b4.chunk.css	stylesheet	css	34.68 kB	104.44 kB	829 ms					
200	GET	coronavirus.d...	2.b399c412.chunk.js	script	js	638.60 kB	1.69 MB	1460 ms					
200	GET	coronavirus.d...	main.e0b68ddb.chunk.js	script	js	20.44 kB	62.06 kB	1180 ms					
200	GET	coronavirus.d...	favicon.png	img	png	3.10 kB	2.68 kB			41 ms			
200	GET	coronavirus.d...	favicon.ico	img	x-icon	4.92 kB	4.49 kB			35 ms			
200	GET	coronavirus.d...	light-94a07e06a1-v2.94a07e06.woff2	font	woff2	33.02 kB	32.60 kB			57 ms			
200	GET	coronavirus.d...	bold-b542beb274-v2.b542beb2.woff2	font	woff2	31.17 kB	30.74 kB			35 ms			
200	GET	c19download...	data_latest.json	xhr	octet-stream	587.80 kB	586.92 kB			414 ms			
200	GET	c19tile.azuree...	style.json	fetch	json	5.50 kB	90.51 kB			122 ms			
200	GET	c19pub.azure...	countries.geojson	xhr	json	140.73 kB	323.66 kB			918 ms			
200	GET	c19pub.azure...	regions.geojson	xhr	json	57.97 kB	147.31 kB			1836 ms			
200	GET	c19pub.azure...	utlas.geojson	xhr	json	166.09 kB	446.46 kB			1829 ms			
200	GET	c19pub.azure...	utlas.geojson	xhr	json	166.09 kB	446.46 kB			1829 ms			
200	GET	c19tile.azuree...	tile.json	fetch	json	1.77 kB	9.51 kB			1675 ms			
200	GET	openmaptiles....	sprite.json	fetch	json	1.82 kB	10.39 kB			796 ms			
200	GET	openmaptiles....	sprite.png	fetch	png	17.66 kB	17.01 kB			820 ms			
200	GET	c19tile.azuree...	4.pbf	fetch	x-protobuf	52.58 kB	85.73 kB					63 ms	
200	GET	c19tile.azuree...	5.pbf	fetch	x-protobuf	50.60 kB	82.65 kB					81 ms	
200	GET	c19tile.azuree...	5.pbf	fetch	x-protobuf	109.88 kB	180.92 kB					115 ms	
200	GET	c19tile.azuree...	4.pbf	fetch	x-protobuf	31.45 kB	49.54 kB					126 ms	
200	GET	c19tile.azuree...	0-255.pbf	fetch	x-protobuf	78.92 kB	78.03 kB					124 ms	
200	GET	c19tile.azuree...	256-511.pbf	fetch	x-protobuf	130.19 kB	129.30 kB					123 ms	
200	GET	c19tile.azuree...	0-255.pbf	fetch	x-protobuf	75.67 kB	74.79 kB					52 ms	
200	GET	c19tile.azuree...	256-511.pbf	fetch	x-protobuf	125.13 kB	124.24 kB					231 ms	
200	GET	c19tile.azuree...	1024-1279.pbf	fetch	x-protobuf	123.18 kB	122.29 kB					236 ms	
200	GET	c19tile.azuree...	512-767.pbf	fetch	x-protobuf	94.37 kB	93.48 kB					264 ms	
200	GET	c19tile.azuree...	4096-4351.pbf	fetch	x-protobuf	124.34 kB	123.46 kB					157 ms	
200	GET	c19tile.azuree...	1536-1791.pbf	fetch	x-protobuf	94.77 kB	93.88 kB					296 ms	
200	GET	c19tile.azuree...	8192-8447.pbf	fetch	x-protobuf	34.16 kB	33.27 kB					306 ms	
200	GET	c19tile.azuree...	11520-11775.pbf	fetch	x-protobuf	65.95 kB	65.06 kB					324 ms	
200	GET	c19tile.azuree...	768-1023.pbf	fetch	x-protobuf	73.89 kB	73 kB					216 ms	
200	GET	c19tile.azuree...	1280-1535.pbf	fetch	x-protobuf	76.92 kB	76.03 kB					236 ms	

Marketing

Design

Content

Branding

**Developer
Experience**

**System
Integration**

Marketing

Design

Content

Branding

Developer
Experience

System
Interaction

Requirements

1. Extremely Resilient
2. Highly Accessible
3. Mobile Friendly
4. Secure and Independent
5. Easy to Set Up

Resilience

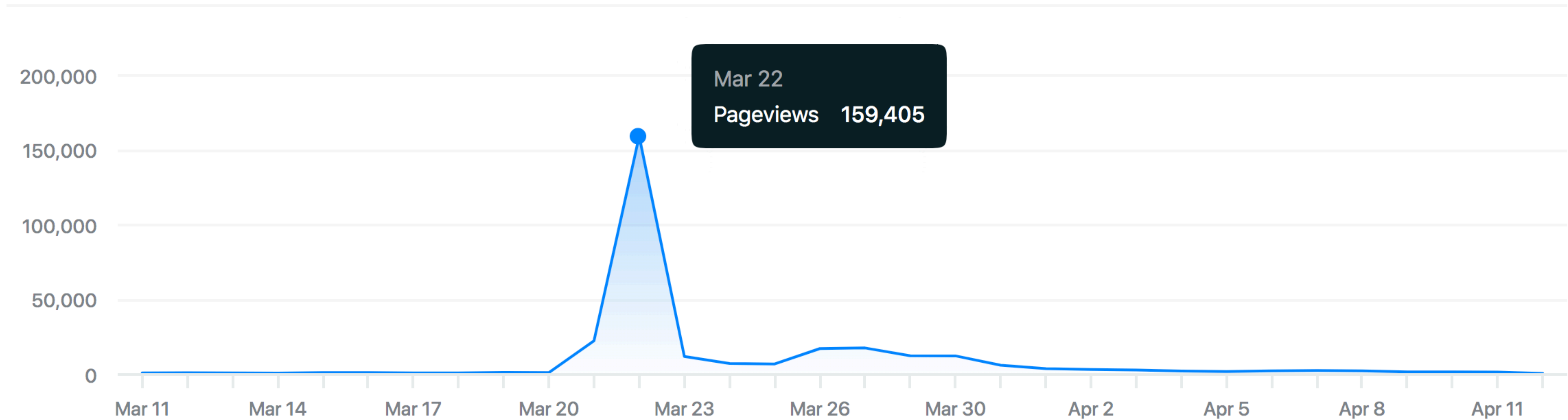
Resilience through

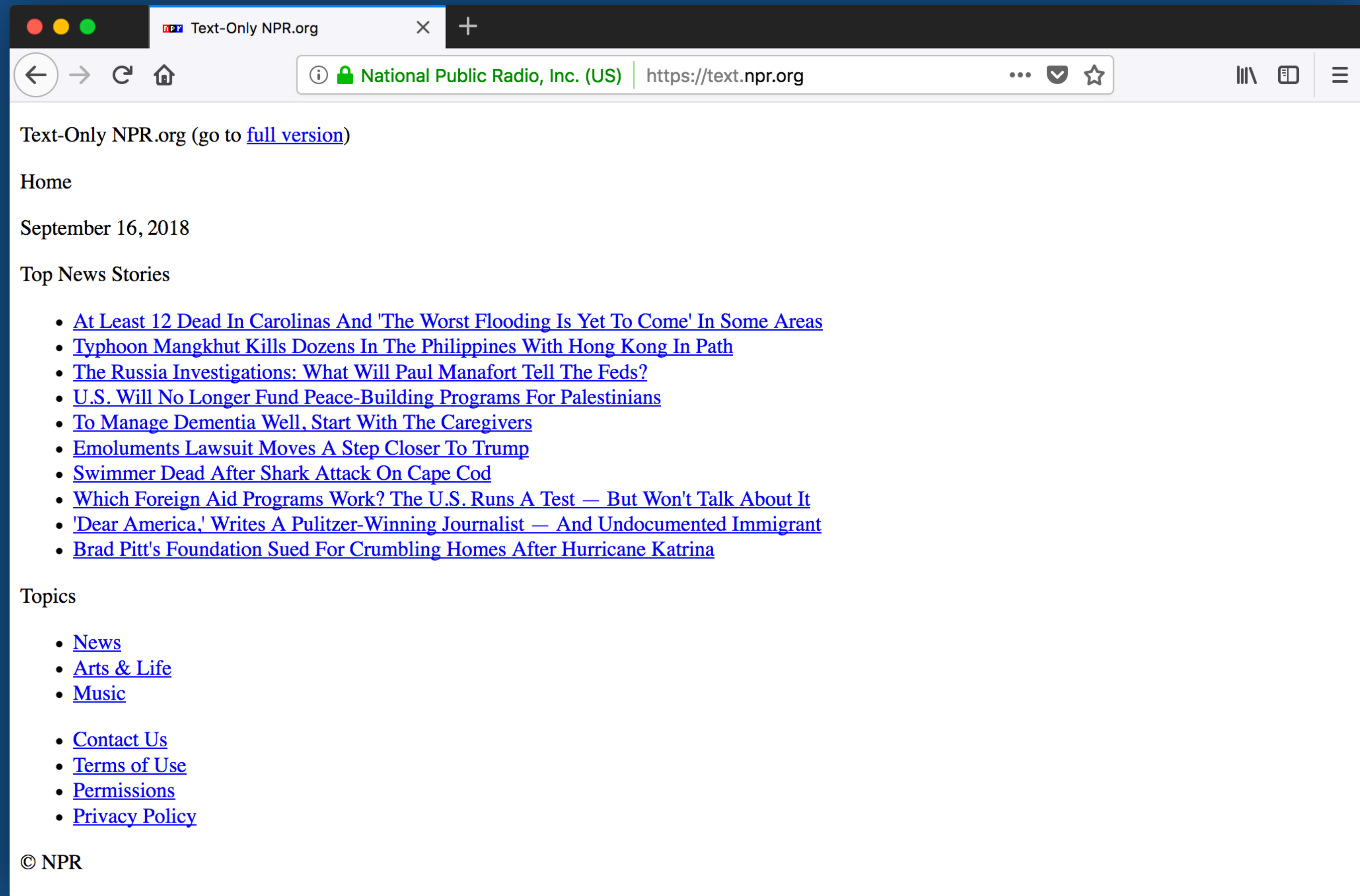
SCALE

Resilience through **Simplicity**

The Rule of Least Power

Static HTML will survive anything.





Text-Only NPR.org (go to [full version](#))

Home

September 16, 2018

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maxboeck/emergency-site: A te X

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🏠

https://github.com/maxboeck/emergency-site

...

🔒

☆

📄

📖

👤

☰

maxboeck / emergency-site

👁️ Unwatch ▾

8

★ Star

468

🍴 Fork

37

<> Code

🚨 Issues 1

🔗 Pull requests 0

🎬 Actions

📁 Projects 0

📖 Wiki

🛡️ Security

📊 Insights

⚙️ Settings

A template for emergency information websites <https://emergency-site.dev>

Edit

Manage topics

🔗 104 commits

🌿 1 branch

📦 0 packages

🏷️ 0 releases

👥 4 contributors

📜 MIT

Branch: master ▾

New pull request

Create new file

Upload files

Find file

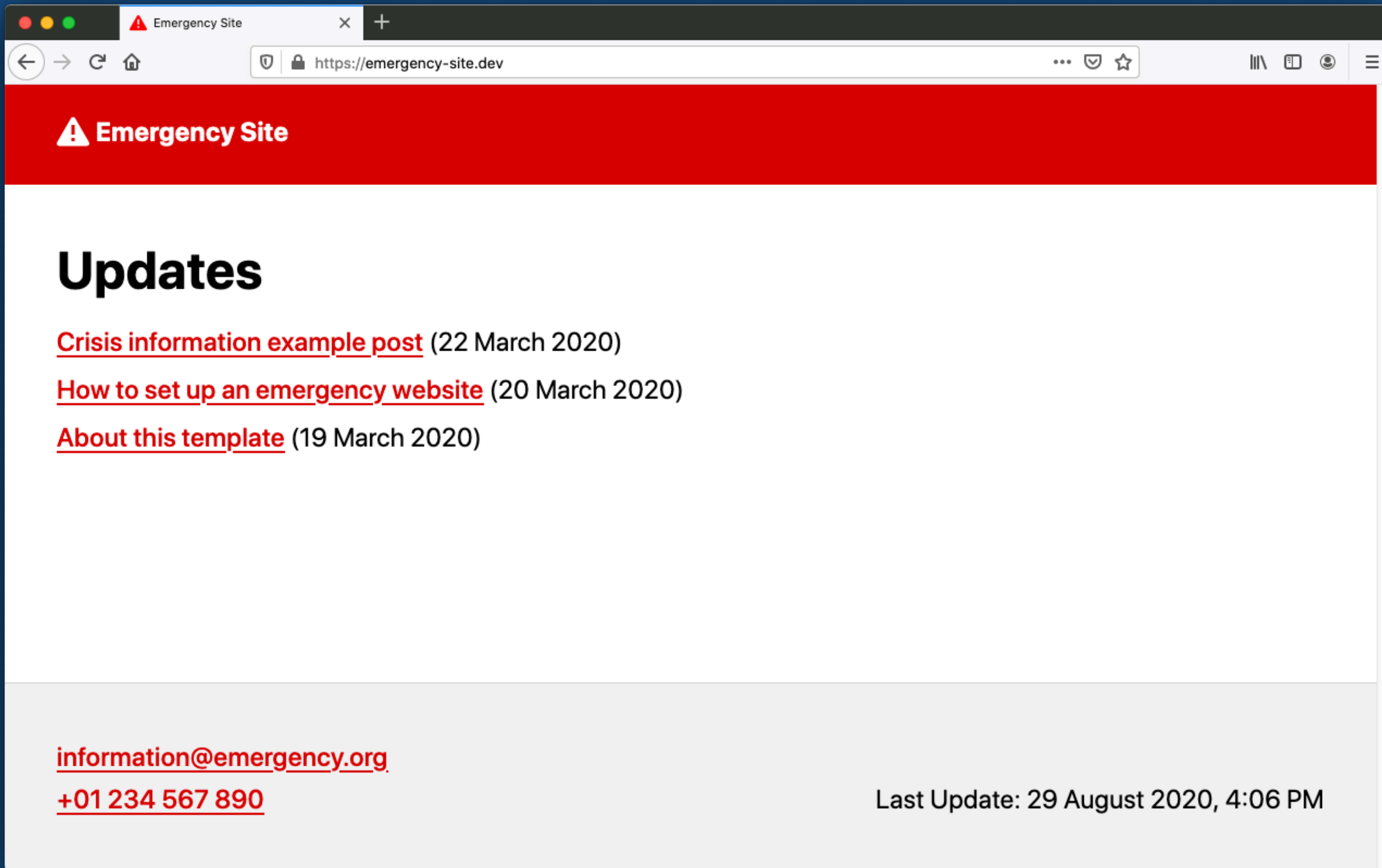
Clone or download ▾

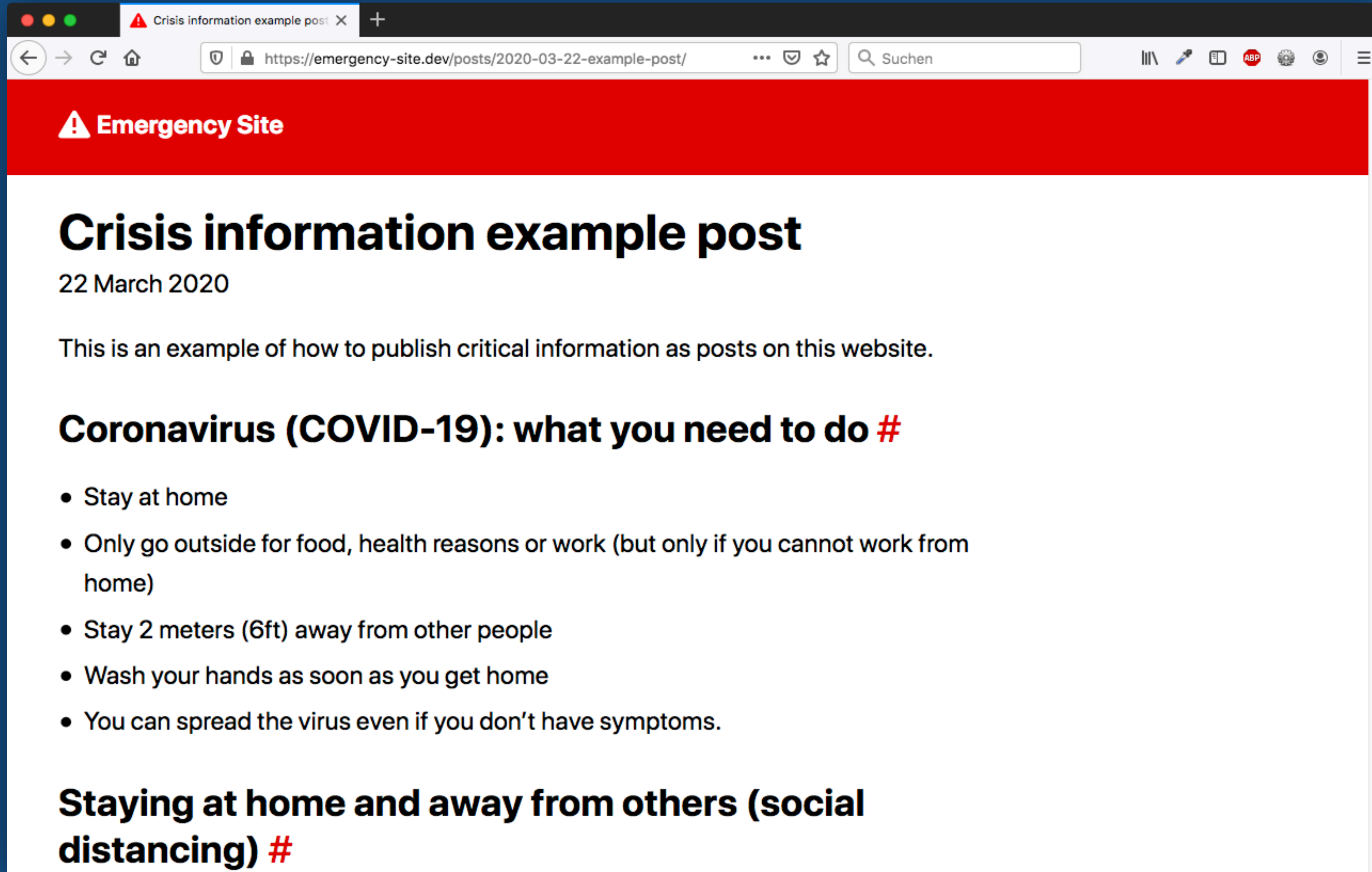
👤 maxboeck

don't purge button styles

Latest commit 118f116 2 hours ago

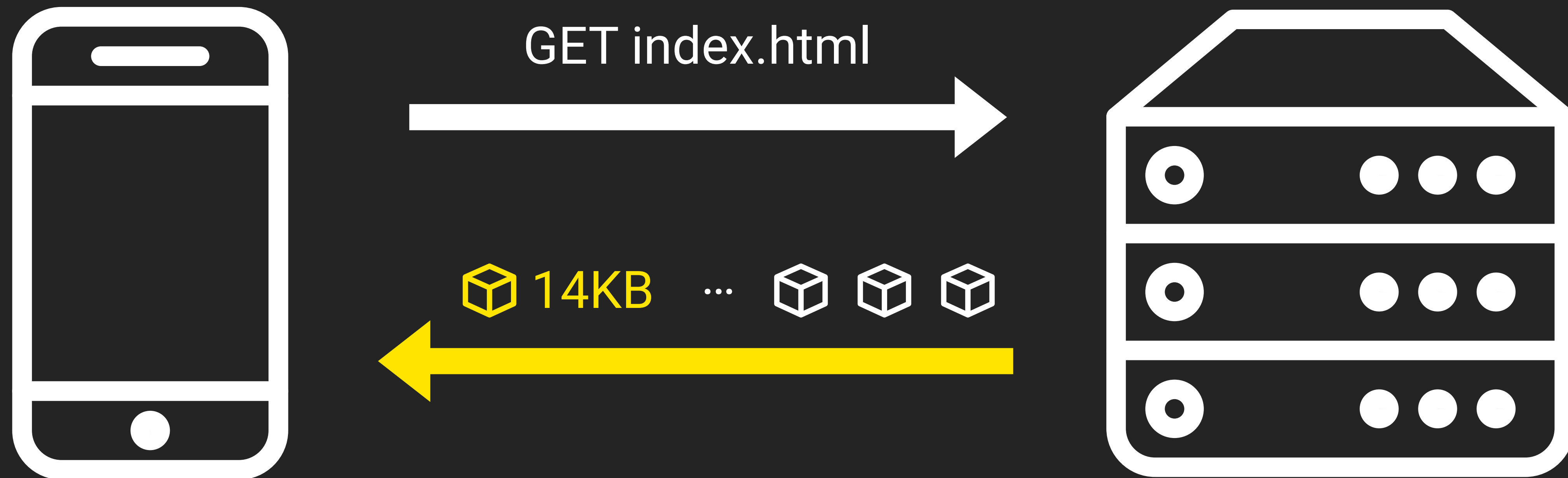
📁 admin	move external stylesheet location	19 days ago
📁 eleventy	use default safe preset options in htmlnano	10 days ago
📁 src	don't purge button styles	2 hours ago
📄 .eleventy.js	add passthrough for email templates, #7	10 days ago
📄 .gitignore	initial commit	24 days ago
📄 .prettierrc	initial commit	24 days ago
📄 LICENSE	add license and readme	23 days ago
📄 README.md	Update README.md	12 days ago





Performance

First Roundtrip



Inline & Purge CSS

```
<head>  
  {%- set css -%}{% include "styles.njk" %}{%- endset -%}  
  <style>{{ css | cssmin | safe }}</style>  
</head>
```

Inline & Purge CSS

```
const htmlnano = require('htmlnano')

async function minify(content, outputPath) {
  if (outputPath.endsWith('.html') && process.env === 'production') {
    const { html } = await htmlnano.process(
      content, { tool: 'purgeCSS' }
    )
    return html
  }
}
```

System Fonts

```
font-family: -apple-system, BlinkMacSystemFont,  
"Segoe UI", Roboto, Oxygen-Sans, Ubuntu,  
Cantarell, "Helvetica Neue", sans-serif;
```


Avoid External Resources

```
<link rel="shortcut icon" type="image/png"  
href="data:image/png;base64,iVBORw0KGgoAAA...">
```



```
<!DOCTYPE html><html class="no-js" lang="en"><head><meta charset="utf-8"><meta name="viewport" content="width=device-width,
initial-scale=1"><title>Emergency Site</title><style>:root{--brand-color: #db0000;--spacing:1em;--font-size:1.25rem}*,:after,:before{box-sizing:border-box
ol{padding:0}li+li{margin-top:.25em}body,h1,ol,p{margin:0}ol[class]{list-style:none}a:not([class]){text-decoration-skip-ink:auto}[hidden]{display:none}
@media (prefers-reduced-motion:reduce){*{animation-duration:0s!important;animation-iteration-count:1!important;transition-duration:0s!important}}.u-mb1
{margin-bottom:1rem!important}body{min-height:100vh;text-rendering:optimizeSpeed;line-height:1.6;font-family:-apple-system,BlinkMacSystemFont,Segoe UI,
Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif;font-size:var(--font-size,1rem)}h1{line-height:1.25;font-size:2em}a{font-weight:500;
color:var(--brand-color)}a:hover{text-decoration:none}a:focus{outline:5px solid}html{overflow-y:scroll}.site{display:flex;flex-direction:column;
min-height:100%;min-height:100vh}.footer,.header,.main{padding:var(--spacing)}.header{flex:none;color:#fff;background-color:var(--brand-color)}.header a
{color:inherit}.main{flex:1 0 auto}.footer{flex:none;display:flex;flex-wrap:wrap;justify-content:space-between;align-items:flex-end;
background-color:#f0f0f0;border-top:1px solid #d4d4d4}button{font-size:1rem;font-weight:700;text-transform:uppercase;color:var(--brand-color);
background-color:#fff;border:2px solid var(--brand-color);vertical-align:middle;user-select:none;text-align:center;white-space:nowrap}button:focus,
button:hover{background-color:var(--brand-color);color:#fff}.notification{position:fixed;z-index:100;left:0;right:0;bottom:0;padding:1rem;
background-color:#fff;font-size:1rem;transform:translateY(100%);transition:transform .3s;box-shadow:0 0 12px rgba(0,0,0,.25)}@media screen and
(min-width:40em){:root{--spacing:2em;--font-size:1.5rem}.notification{left:auto;bottom:auto;right:var(--spacing);top:var(--spacing);max-width:22em;
transform:translate(150%)}}.notification .prompt{display:flex;align-items:center}.notification .prompt>p{flex:1 0 0%;padding-right:1rem}.notification.
active{transform:translate(0)}</style><meta name="description" content="A template for emergency information websites."><meta property="og:title"
content="Emergency Site"><meta property="og:description" content="A template for emergency information websites."><meta property="og:url" content="https://
/emergency-site.dev/"><link rel="shortcut icon" type="image/png" href="data:image/png;base64,iVBORw0KGgoAAAANSUHEUgAAACAAAAAgCAMAAABEpIrGAAAABGdB/
TUEAALGPCAADAAD56PKRTb2Z0d2FyZQB3d3cuaW5rc2NhGUub3Jnm48GgAAAFd6VFh0UmF3IHByb2ZpbGUgdHlwZSBpcHRjAAB4nOPyDAHxVigoykLzEnLUgADIwsuYwsTIXNLkxQDEyBEgDTDZAMjs1
Qgy9jUyMTMxBzEB8uASKBKLgDqFxF08kI1lQAAAABJRUS5ErkJggg="><link rel="icon" type="image/png" sizes="16x16" href="/static/images/favicon/favicon-16x16.
png"><meta name="theme-color" content="#1a1a1a"><link rel="manifest" href="/site.webmanifest"><link type="application/atom+xml" rel="alternate"
href="https://emergency-site.dev/feed.xml" title="Emergency Site"></head><body class="site"> <div id="notifications" role="status" aria-live="polite"
aria-atomic="true"></div> <header class="header"> <a href="/" class="logo iconlink"> <svg class="icon" xmlns="http://www.w3.org/2000/svg" width="20"
height="20" viewBox="0 0 20 20"><path d="M19.64 16.36L11.53 2.3A1.85 1.85 0 0010 1.21 1.85 1.85 0 008.48 2.3L3.6 16.36C-.48 17.81.21 19 1.88 19h16.24c1.
67 0 2.36-1.19 1.52-2.64zM11 16H9v-2h2zm0-4H9V6h2z"/></svg> Emergency Site </a></header> <main class="main"><h1 class="u-mb1">Updates</h1><ol
class="postlist" reversed> <li> <a href="/posts/2020-03-22-example-post/">Crisis information example post</a> <time datetime="2020-03-22"> (22 March 2020)
</time></li><li> <a href="/posts/2020-03-20-getting-started/">How to set up an emergency website</a> <time datetime="2020-03-20"> (20 March 2020) </time>
</li> <li> <a href="/posts/2020-03-19-about-this/">About this template</a><time datetime="2020-03-19"> (19 March 2020) </time> </li> </ol></main> <footer
class="footer"><div><p><a href="mailto:information@emergency.org">information@emergency.org</a></p> <p><a href="tel:+01 234 567 890">+01 234 567 890</a></
p></div><div><p>Last Update: 23 August 2020, 7:01 PM</p></div></footer><script src="/static/scripts/offline.js" async defer></script></body></html>
```


ElementsMemoryConsoleSourcesAuditsNetworkApplication>>

Preserve logDisable cacheOnline

Filter

Hide data URLs

All

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

Only show requests with SameSite issues

Use large request rows

Show overview

Group by frame

Capture screenshots

4 ms

166 ms

Emergency Site

Critical information essential asset (22 March 2020)

How to activate an emergency website (20 March 2020)

Revisit this template (19 March 2020)

EducationResourcecentre

+01.234.567.890

Last Update: 12 April 2020, 9:59 AM

Emergency Site

Critical information essential asset (22 March 2020)

How to activate an emergency website (20 March 2020)

Revisit this template (19 March 2020)

EducationResourcecentre

+01.234.567.890

Last Update: 12 April 2020, 9:59 AM

Name	Status	Type	Initiator	Size	Time	Waterfall
 emergency-site.dev	200 OK	document	Other	5.3 KB 5.2 KB	5 ms 3 ms	

1 requests

5.3 KB transferred

5.2 KB resources

Finish: 5 ms

DOMContentLoaded: 161 ms

Load: 171 ms

Web Page Performance Test for

<https://emergency-site.dev/>

From: Dulles, VA - Moto G4 - Chrome - 3GSlow
8/26/2020, 8:15:52 PM

A

A

A

A

A

N/A

✓

Security score

First Byte Time

Keep-alive Enabled

Compress Transfer

Compress Images

Cache static content

Effective use of CDN

- Summary
- Details
- Performance Review
- Content Breakdown
- Domains
- Processing Breakdown
- Screenshot
- Image Analysis
- Request Map

Tester: MotoG4_19-192.168.1.119

Test runs: 3

Re-run the test

[View JSON result](#)

[Raw page data](#) - [Raw object data](#)

[Export HTTP Archive \(.har\)](#)

[View Test Log](#)

Performance Results (Median Run - SpeedIndex)

	First Byte	Start Render	First Contentful Paint	Speed Index	Last Painted Hero	Web Vitals			Document Complete			Fully Loaded			
						Largest Contentful Paint	Cumulative Layout Shift	Total Blocking Time	Time	Requests	Bytes In	Time	Requests	Bytes In	Cost
First View (Run 3)	1.867s	2.404s	2.362s	2.404s	2.404s	2.362s	0	0.000s	2.561s	2	4 KB	5.756s	13	17 KB	\$----
Repeat View (Run 2)	1.862s	0.450s	0.440s	0.450s	0.450s	0.440s	0	0.000s	0.378s	0	0 KB	5.340s	9	11 KB	

[Plot Full Results](#)

Accessibility

Semantic Markup

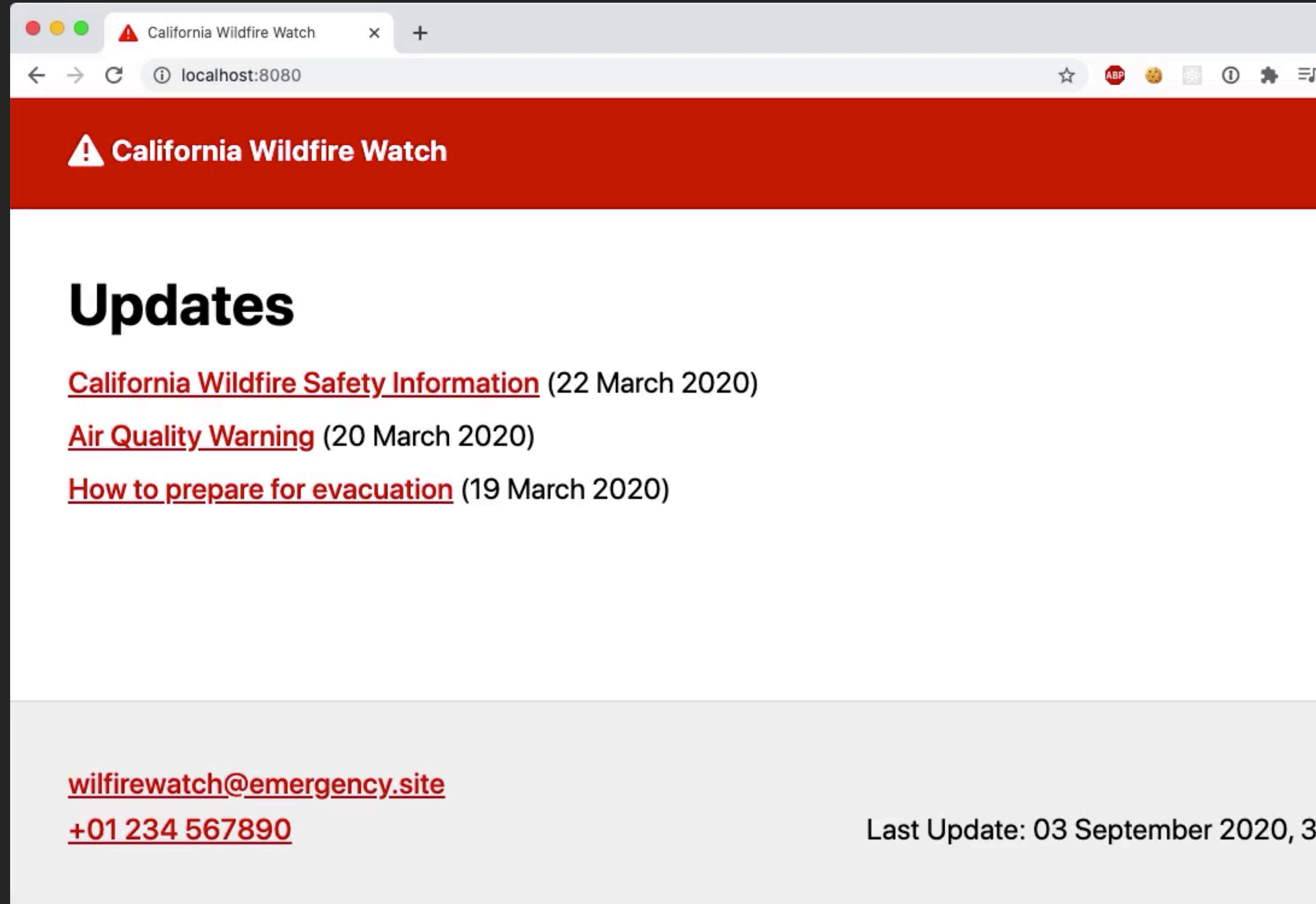
```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Emergency Website</title>
  </head>
  <body>
    <header role="banner"></header>
    <main role="main"></main>
    <footer role="contentinfo"></footer>
  </body>
</html>
```


Semantic Markup

```
<article class="post h-entry">
  <header>
    <h1 class="p-name">California Wildfire Safety Information</h1>
    <time class="dt-published" datetime="2020-03-22T14:00:00">
      22 March 2020
    </time>
  </header>
  ...
</article>
```

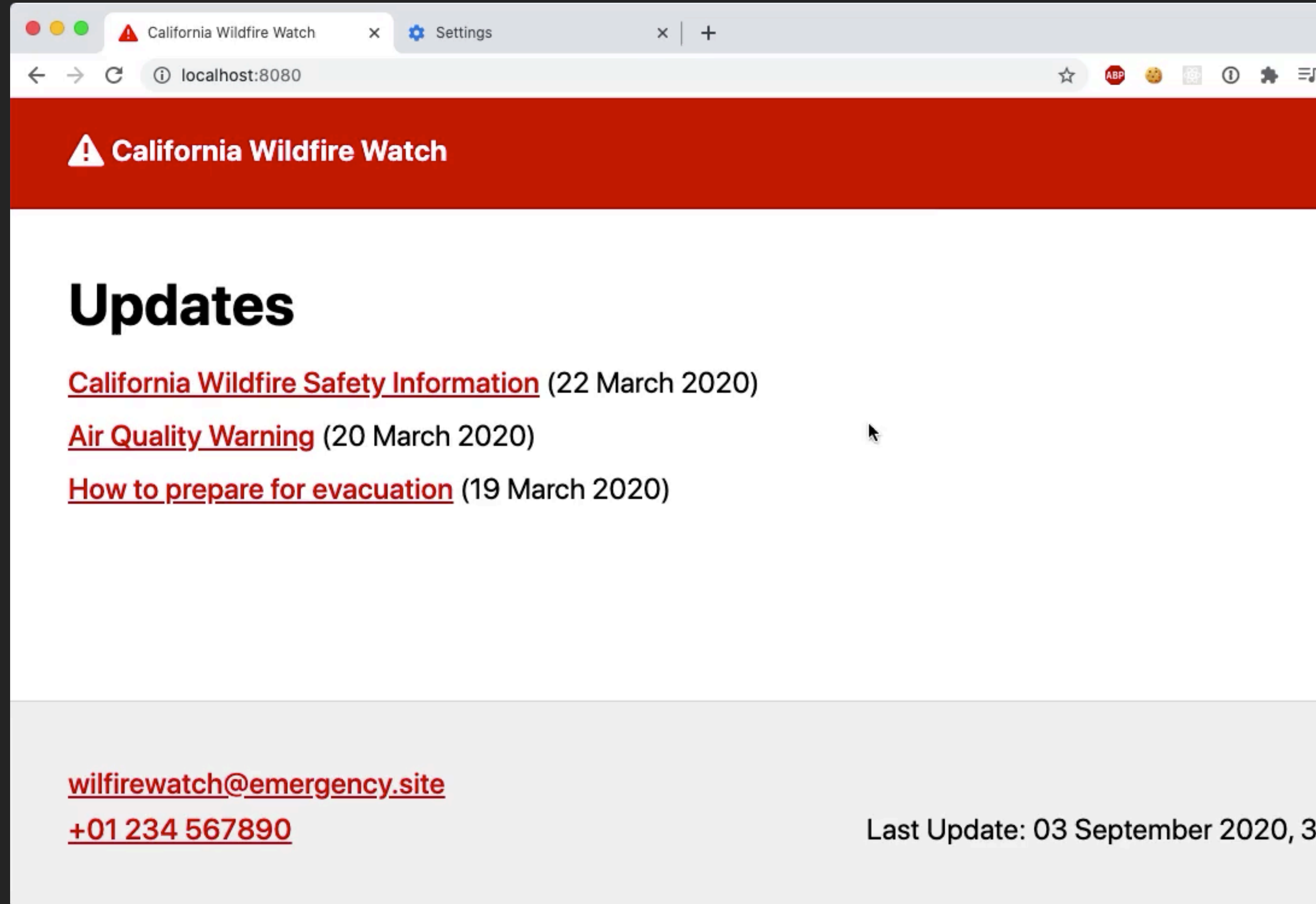

Focus Styles

- Override default
- outline: 5px solid
- No focus-visible polyfill



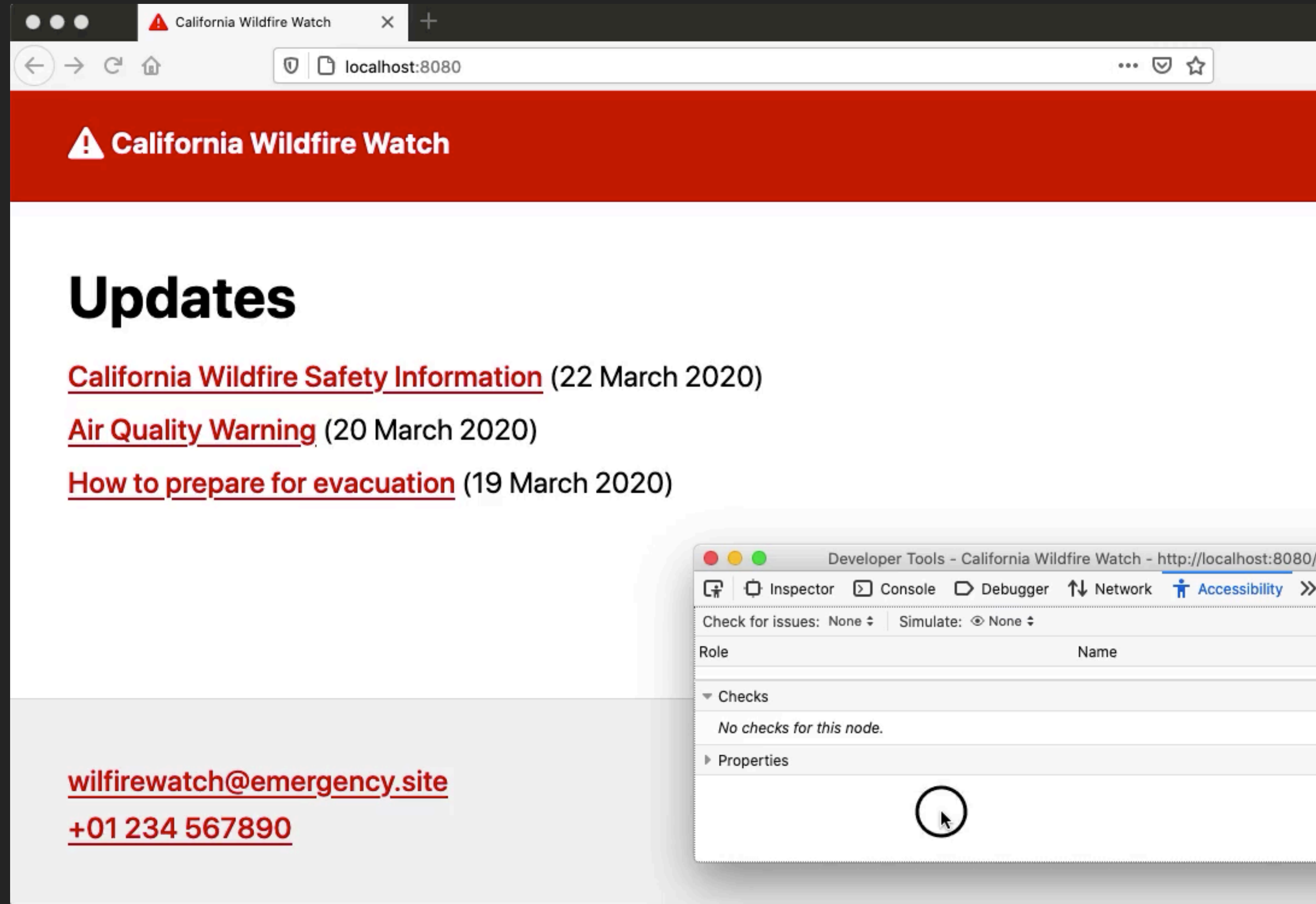
Font Sizing

- Use rem units
- Body text at 1.5rem



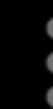
Color Contrast

- WCAG AA
- Protanopia
- Contrast Loss





https://emergency-site.dev/



Performance



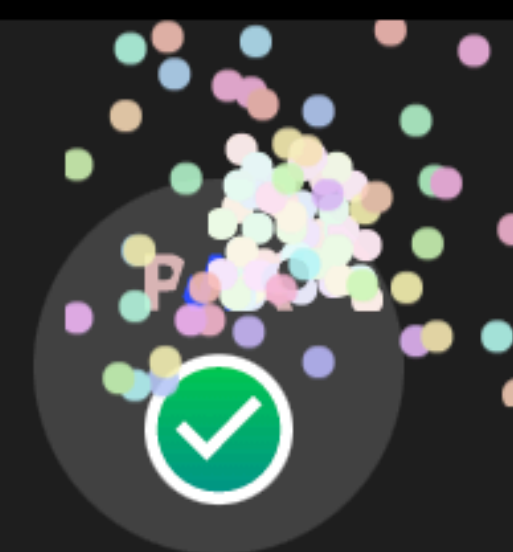
Accessibility



Best
Practices



SEO



Progressive
Web App



0–49

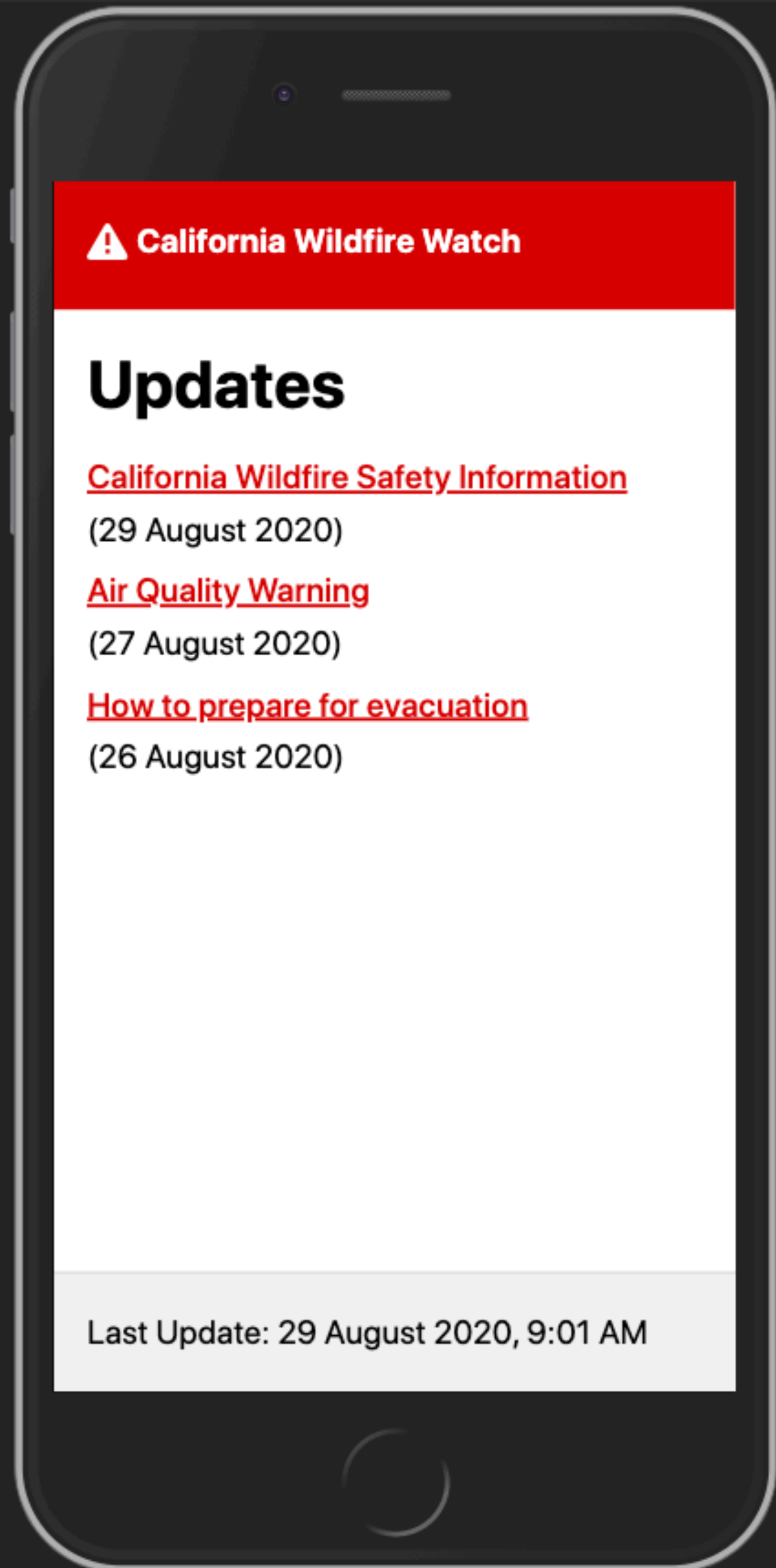


50–89



90–100

Removing Cognitive Barriers





Progressive Enhancement for Offline



CALIFORNIA WILDFIRES

Wildfire threat: Bay Area cell phone, internet service could go out, too

San Francisco Chronicle

20.08.2020

Sri Lanka plunged into darkness as power outage hits entire nation

The outage hit the entire nation of 21 million people at around midday, and although power returned to some parts of the country after six hours, Colombo was in darkness as night fell.

Generate Service Worker



```
const workbox = require("workbox-build");  
  
const worker = await workbox.generateSW({  
  globDirectory: './dist',  
  globPatterns: '**/*.html',  
  globIgnores: ['admin/**/*', 'email/**/*'],  
  cacheId: 'emergency-site',  
  swDest: './dist/sw.js'  
})
```


Elements

Console

Sources

Network

Performance

Memory

Application

>>

⚙️

⋮

🔴

🚫

🔍

☐ Preserve log

☒ Disable cache

Online

⬆️

⬇️

⚙️

Filter

☐ Hide data URLs

All

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

☐ Has blocked cookies

☐ Blocked Requests

Name	Status	Type	Initiator	Size	Time	Waterfall	▲
📄 emergency-site.dev	200	document	Other	3.0 kB	2 ms		
📄 offline.js	200	script	(index)	1.2 kB	2 ms		
📄 site.webmanifest	(pending)	manifest	Other	0 B	12 ms		
📄 ⚙️ sw.js	200	javascript	Other	0 B	2 ms		
📄 ⚙️ workbox-sw.js	200	javascript	sw.js:14	0 B	2 ms		
📄 ⚙️ index.html?__WB_REVISION__=45...	200	fetch	fetchWrapper...	7.4 kB	4 ms		
📄 ⚙️ index.html?__WB_REVISION__=f6...	200	fetch	fetchWrapper...	8.5 kB	4 ms		
📄 ⚙️ index.html?__WB_REVISION__=ba...	200	fetch	fetchWrapper...	16.9 kB	7 ms		
📄 ⚙️ index.html?__WB_REVISION__=16...	200	fetch	fetchWrapper...	8.1 kB	7 ms		
📄 ⚙️ index.html?__WB_REVISION__=c3...	200	fetch	fetchWrapper...	8.1 kB	6 ms		

23 requests

125 kB transferred

425 kB resources

Finish: 1.09 s

DOMContentLoaded: 203 ms

Load: 1.08 s

ElementsConsoleSourcesNetworkPerformanceMemoryApplication

Preserve logDisable cacheOnline

Filter

Hide data URLsAllXHRJSCSSImgMediaFontDocWSManifestOther

Has blocked cookiesBlocked Requests

Name	Status	Type	Initiator	Size	Time	Waterfall
emergency-site.dev	200	document	Other	3.0 kB	2 ms	
offline.js	200	script	(index)	1.2 kB	2 ms	
site.webmanifest	(pending)	manifest	Other	0 B	12 ms	
sw.js	200	javascript	Other	0 B	2 ms	
workbox-sw.js	200	javascript	sw.js:14	0 B	2 ms	
index.html?__WB_REVISION__=45...	200	fetch	fetchWrapper...	7.4 kB	4 ms	
index.html?__WB_REVISION__=f6...	200	fetch	fetchWrapper...	8.5 kB	4 ms	
index.html?__WB_REVISION__=ba...	200	fetch	fetchWrapper...	16.9 kB	7 ms	
index.html?__WB_REVISION__=16...	200	fetch	fetchWrapper...	8.1 kB	7 ms	
index.html?__WB_REVISION__=c3...	200	fetch	fetchWrapper...	8.1 kB	6 ms	

23 requests

125 kB transferred

425 kB resources

Finish: 1.09 s

DOMContentLoaded: 203 ms

Load: 1.08 s

Elements

Console

Sources

Network

Performance

Memory

Application

>>

⚙️⋮

🔴🚫🔍

☐ Preserve log

☒ Disable cache

Online

⬆️⬇️

⚙️

Filter

☐ Hide data URLs

All

XHR

JS

CSS

Img

Media

Font

Doc

WS

Manifest

Other

☐ Has blocked cookies

☐ Blocked Requests

Name	Status	Type	Initiator	Size	Time	Waterfall	▲
📄 emergency-site.dev	200	document	Other	3.0 kB	2 ms		
📄 offline.js	200	script	(index)	1.2 kB	2 ms		
📄 site.webmanifest	(pending)	manifest	Other	0 B	12 ms		
📄 ⚙️ sw.js	200	javascript	Other	0 B	2 ms		
📄 ⚙️ workbox-sw.js	200	javascript	sw.js:14	0 B	2 ms		
📄 ⚙️ index.html?__WB_REVISION__=45...	200	fetch	fetchWrapper...	7.4 kB	4 ms		
📄 ⚙️ index.html?__WB_REVISION__=f6...	200	fetch	fetchWrapper...	8.5 kB	4 ms		
📄 ⚙️ index.html?__WB_REVISION__=ba...	200	fetch	fetchWrapper...	16.9 kB	7 ms		
📄 ⚙️ index.html?__WB_REVISION__=16...	200	fetch	fetchWrapper...	8.1 kB	7 ms		
📄 ⚙️ index.html?__WB_REVISION__=c3...	200	fetch	fetchWrapper...	8.1 kB	6 ms		

23 requests

125 kB transferred

425 kB resources

Finish: 1.09 s

DOMContentLoaded: 203 ms

Load: 1.08 s

California Wildfire Safety Inform x

localhost:8080/posts/2020-08-29-california-wildfire-safety-information/

414 x 736

Elements Console Sources Network

Filter

All XHR JS CSS Img Media Font Doc WS Manifest Other

Blocked Requests

50 ms100 ms150 ms200 ms

Name	Status	Type	Initiator	S	Time	Waterfall
2020-08-29-california...	200	doc...	Other	(..	4 ms	

1 / 5 requests0 B / 4.1 kB transferred7.8 kB / 18.0 kB resourcesFinish: 208 msDOMC

California Wildfire Watch

California Wildfire Safety Information

29 August 2020

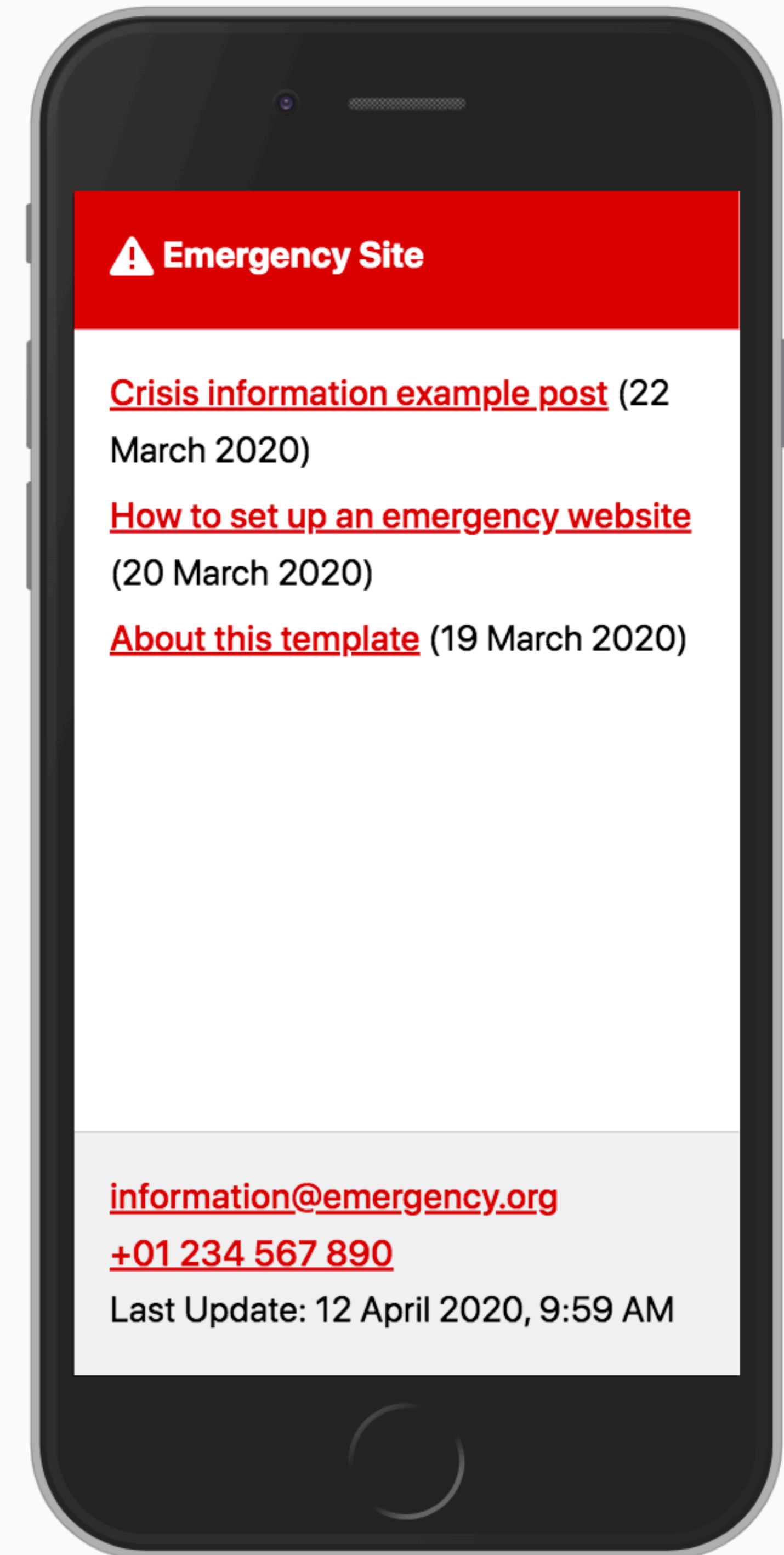
A wildfire is an unplanned fire that burns in a natural area such as forest, grassland, or prairie. Wildfires can destroy homes and cause injuries or death.

When a wildfire warning affects your area:

- Get to Safety right away.
- Leave if told to do so.
- If trapped, call [9-1-1](#)
- Listen for emergency information and alerts.
- Use N96 masks to keep particles out of your breathing air.

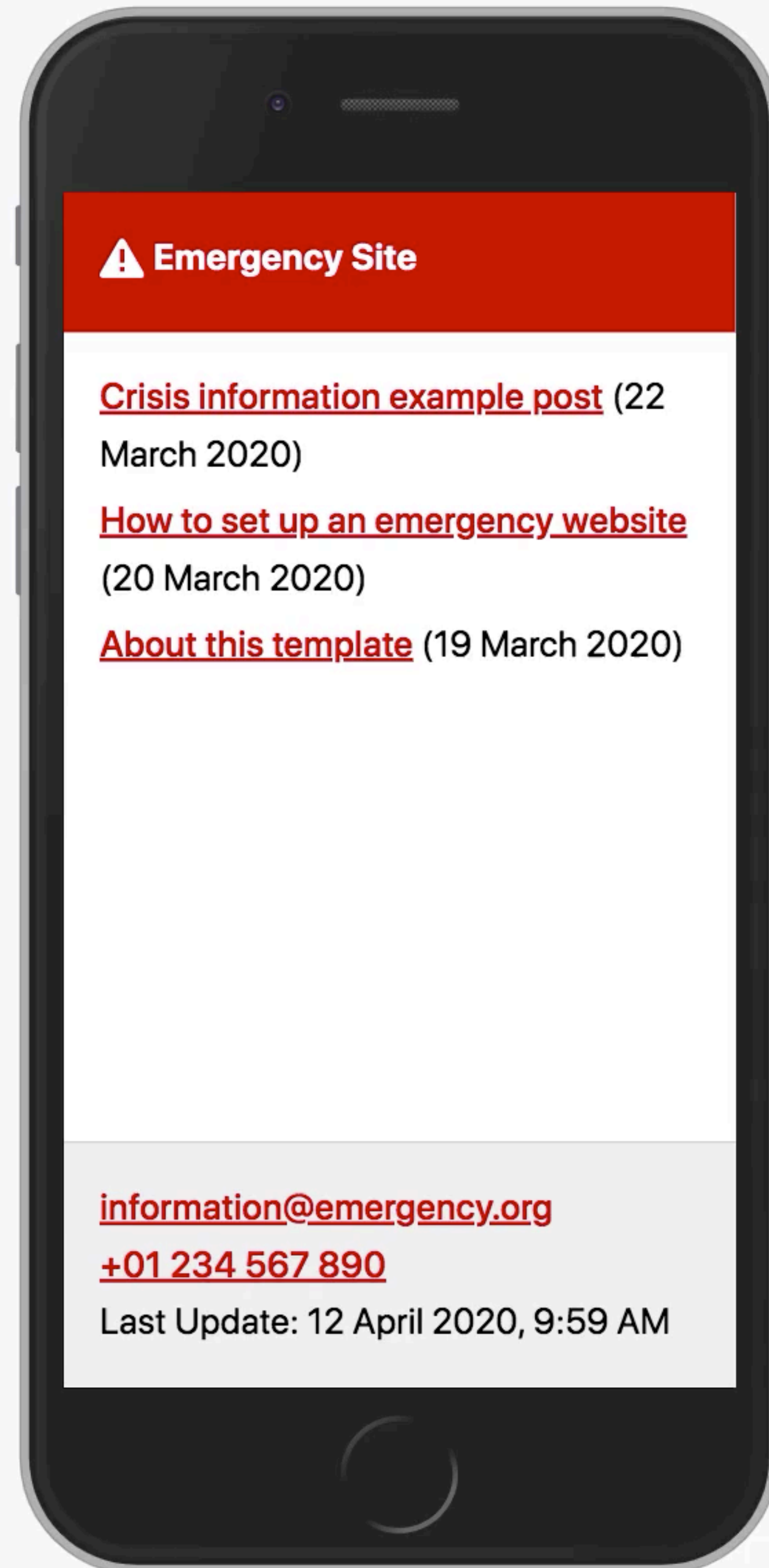
Display Timestamp

```
<p>  
Last Update:  
{{ build.timestamp|dateToFormat("dd LLLL yyyy, t") }}  
</p>
```



Announce Offline

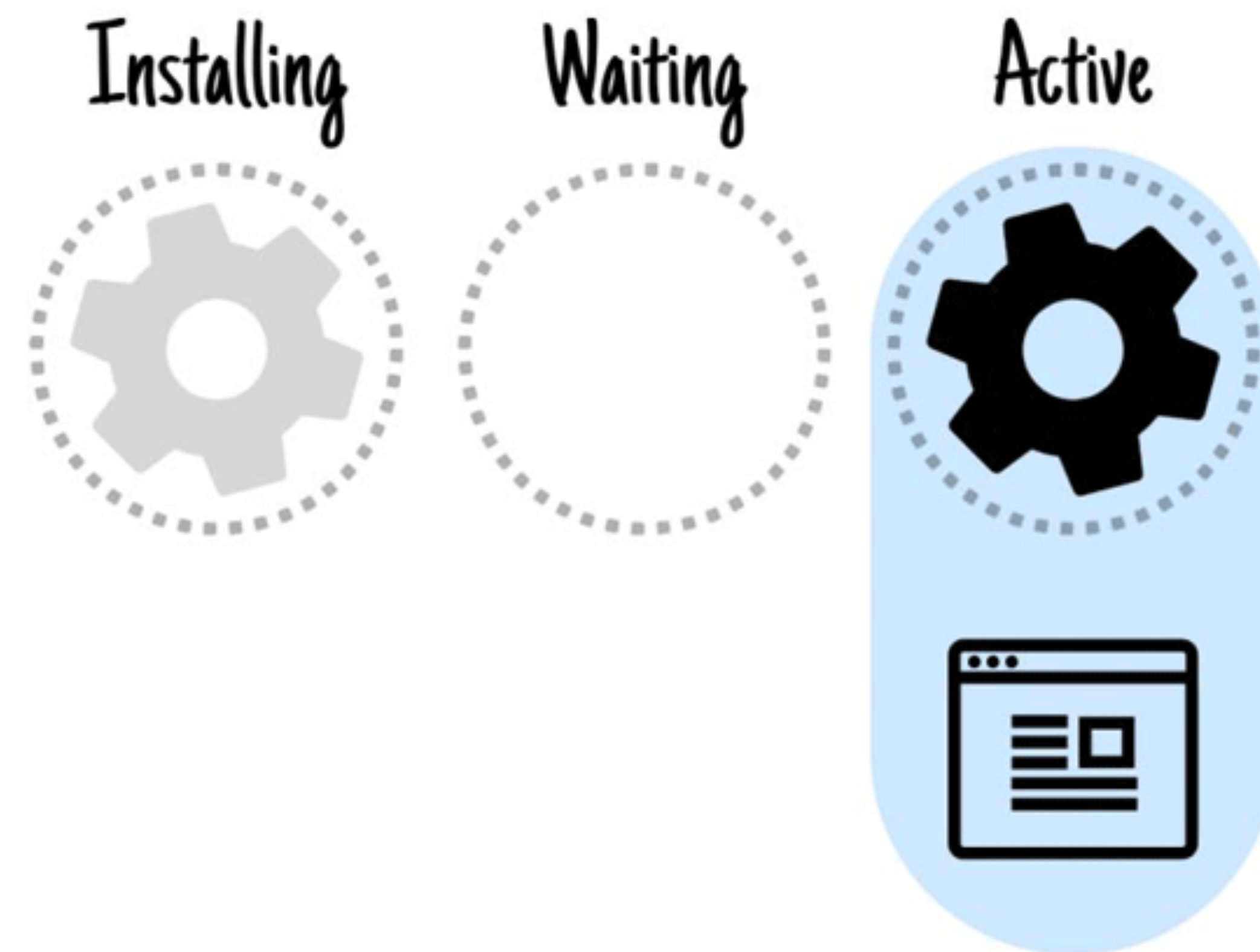
```
const checkConnectivity = () => {  
  if (!navigator.onLine) {  
    new Notification(  
      `You are currently offline.  
      You can still use this site, but  
      content might not be up to date.`  
    )  
  }  
}  
  
window.addEventListener('offline', checkConnectivity)
```



Skip Waiting Phase

```
// sw.js
self.skipWaiting()

const worker = await workbox.generateSW({
  globDirectory: './dist',
  globPatterns: '**/*.html',
  cacheId: 'emergency-site',
  swDest: './dist/sw.js',
  skipWaiting: true
})
```



Announce Update

```
// Service Worker Registration
navigator.serviceWorker.register('/sw.js').then(reg => {
  reg.addEventListener('updatefound', () => {
    worker = reg.installing
    worker.addEventListener('statechange', () => {
      // Listen for the update event
      // and wait till the new SW is ready
      if (worker.state === 'installed') {
        showNewVersionNotice()
      }
    })
  })
})
```

⚠ Emergency Site

[Crisis information example post](#) (22 March 2020)

[How to set up an emergency website](#) (20 March 2020)

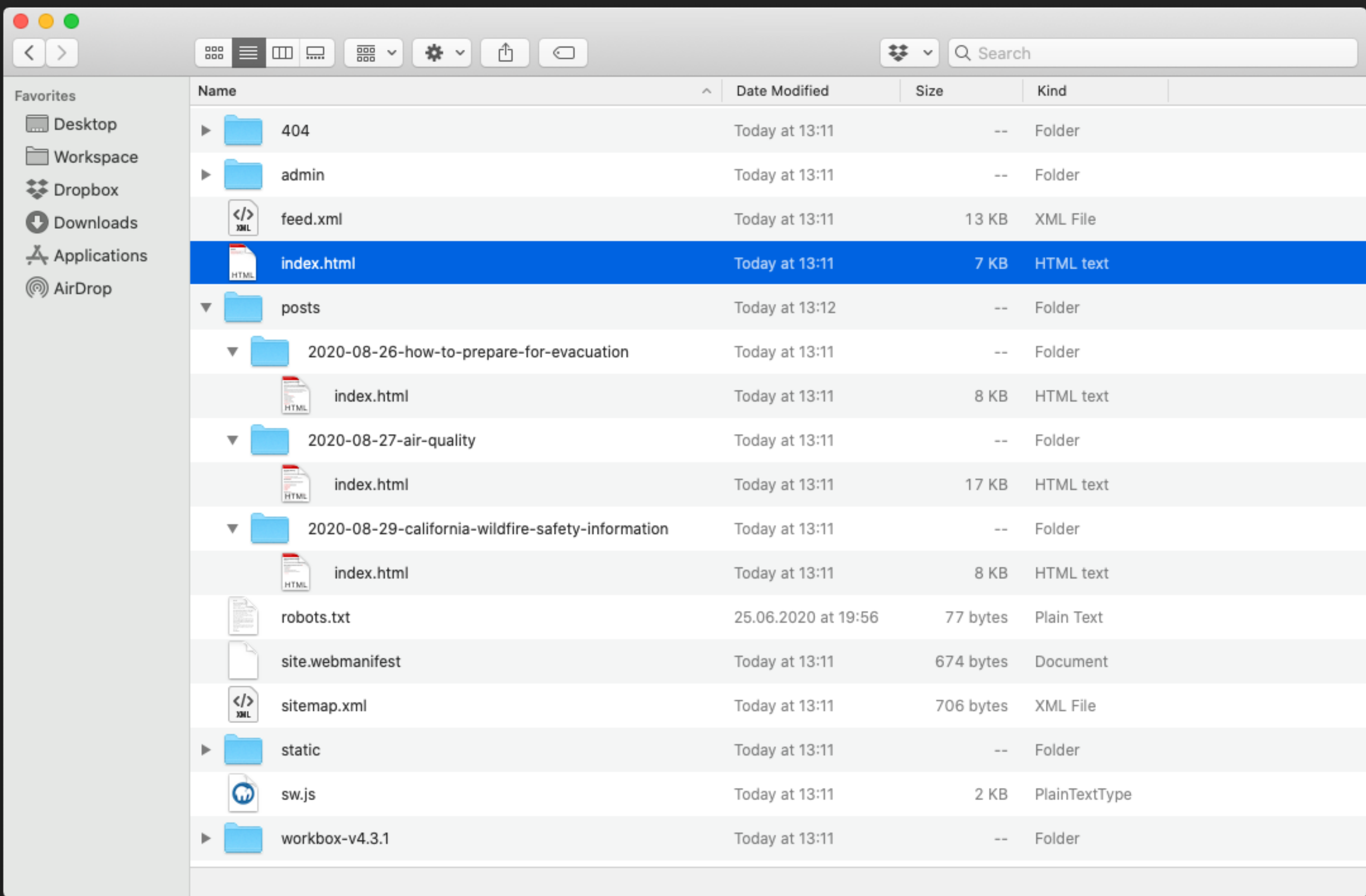
[About this template](#) (19 March 2020)

information@emergency.org

[+01 234 567 890](tel:+01234567890)

Last Update: 12 April 2020, 12:36 PM

Security and Independence



Not everyone is a
Web Developer

How to set up an emergency website

20 March 2020

To publish a website with this template, there are two options, depending on your technical skillset. Choose which one describes you best:

- [I'm not a developer](#), I just want to set up a website
 - [I have basic knowledge](#) of how to use `npm` and the command line
- 

No-Code Setup

You don't need any programming skills to set up a site with this template. Following these steps, you can get started without touching any code:

1. [Get a GitHub account](#) (skip if you have one)
2. [Get a Netlify account](#) (skip if you have one)
3. [Deploy this template](#)

One-Click Deployment



maxboeck/emergency-site: A t x

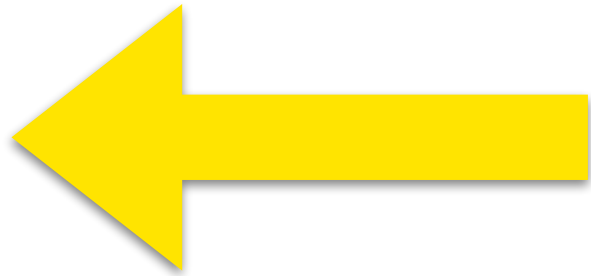
github.com/maxboeck/emergency-site

Search Star ABP Cookie Settings Info Help Profile

(optional)

One-Click Deployment

The easiest way to go live is by forking this repo and deploying it to Netlify. You can do that by clicking this button:



Local Development

To run this locally, you need to install [Node](#) first. You can run these on the command line in the root of your project:

- `npm start` : starts development server
- `npm run build` : generates a production build
- `npm run debug` : runs eleventy with debug output

To customize the site, edit `src/data/meta.js` with your details, or set the corresponding environment variables. Replace the markdown files in `src/posts` with your content.

<https://app.netlify.com/start/deploy?repository=https://github.com/maxboeck/emergency-site>

```
// netlify.toml
```

```
[template.environment]
```

```
  META_TITLE = "the title of your site"
```

```
  META_URL = "the full url, e.g. 'https://emergency-site.dev'"
```

```
  META_DESC = "a short description of your site"
```

```
  META_LANG = "the language, e.g. 'en', 'de', ..."
```

```
  META_COLOR = "the primary color hex code, e.g. '#FF0000'"
```

```
  META_EMAIL = "the main contact email address"
```

```
  META_TELEPHONE = "the main contact phone number"
```

```
  TZ = "the timezone for your site, e.g. America/New_York"
```


✓ Connect to GitHub.

2 Configure your site.

Make this site your own. You can always tweak these settings later.

3 Your site is live!

Just push your changes to GitHub and we'll automatically deploy them to our global CDN.

Repository name

emergency-site

We'll create a repository in your GitHub account with this name.

The title of your site

COVID-19 Information

The full url, e.g. 'https://emergency-site.dev'

https://www.covid19.org

A short description of your site

Updates on the current state of the pandemic

The language, e.g. 'en', 'de', ...

en

The primary color hex code, e.g. '#FF0000'

#9E1A1A

The main contact email address

contact@covid19.org

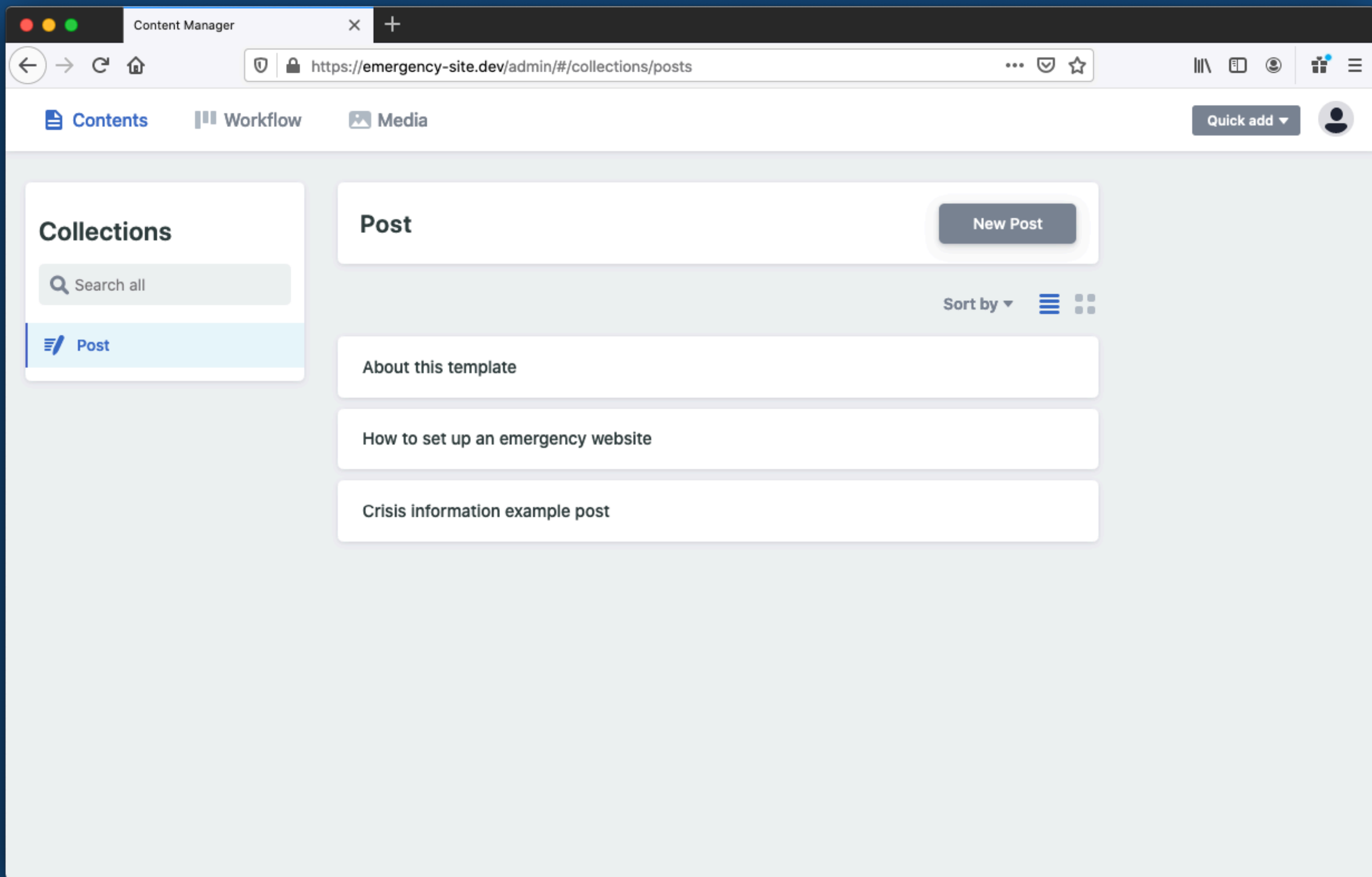
The main contact phone number

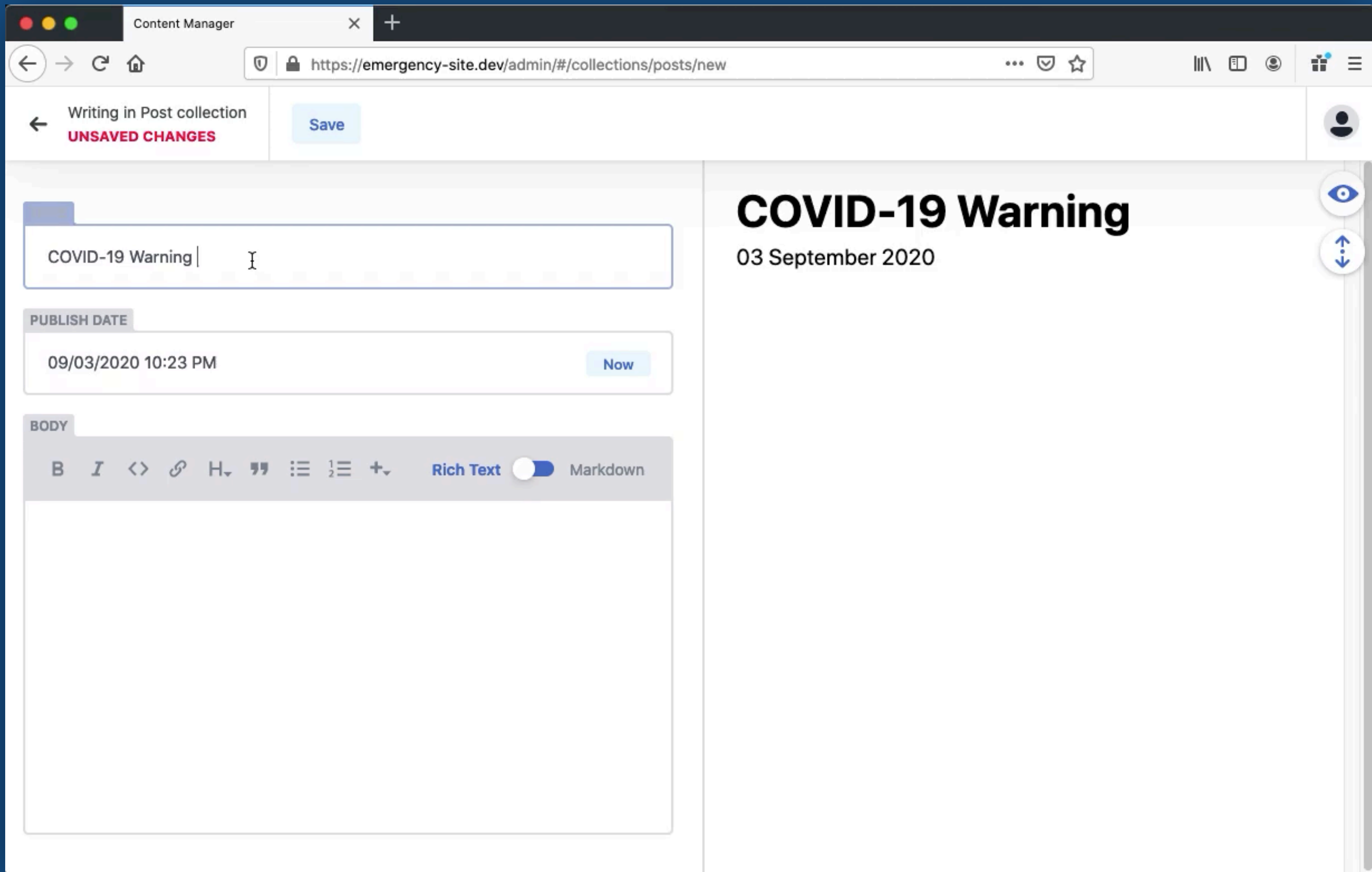
+01 23 456 789 00

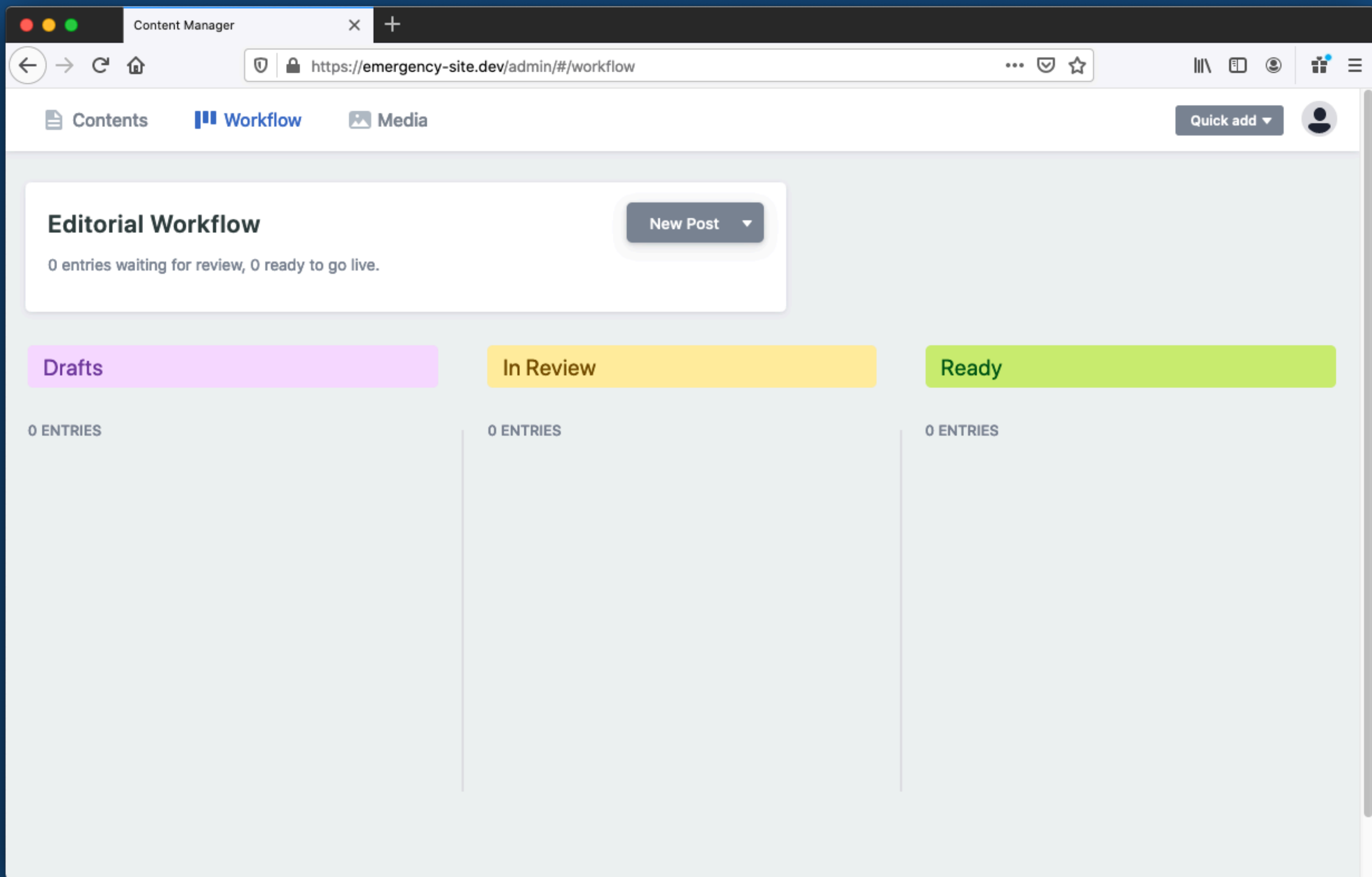
Save & Deploy

⚙ .env

```
1  META_TITLE = "COVID-19 Information"
2
3  META_URL = "https://www.covid19.org"
4
5  META_DESC = "Updates on the current ..."
6
7  META_LANG = "en"
8
9  META_COLOR = "#9E1A1A"
10
11 META_EMAIL = "information@emergency.org"
12
13 META_TELEPHONE = "+01 234 567 890"
```







Links



<https://github.com/maxboeck/emergency-site>



<https://emergency-site.dev>



<https://mxb.dev/blog/emergency-website-kit>

User-First Development

These are
Good Practices for
All Websites

#id24

THANK YOU!

Web: mxb.dev

Twitter: [@mxbck](https://twitter.com/mxbck)

Slides: bit.ly/emergency-website-kit