



Review of Weather.gov

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Introduction

This report provides a review of the key factors that influence the SEO and usability of your website.

The homepage rank is a grade on a 100-point scale that represents your Internet Marketing Effectiveness. The algorithm is based on 70 criteria including search engine data, website structure, site performance and others. A rank lower than 40 means that there are a lot of areas to improve. A rank above 70 is a good mark and means that your website is probably well optimized.

Internal pages are ranked on a scale of A+ through E and are based on an analysis of nearly 30 criteria.

Our reports provide actionable advice to improve a site's business objectives.

Please contact us for more information.

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Hard to solve

To Improve

• Little tough to solve

Errors

Easy to solve

Not Important

No action necessary



Search Engine Optimization



National Weather Service

Length: 24 character(s)

Ideally, your title tag should contain between 10 and 70 characters (spaces included).

Make sure your title is explicit and contains your most important keywords.

Be sure that each page has a unique title.



Meta Description

No Description

000

Length: 0 character(s)

Meta descriptions contains between 100 and 300 characters (spaces included).

It allow you to influence how your web pages are described and displayed in search results.

Ensure that all of your web pages have a unique meta description that is explicit and contains your most important keywords (these appear in bold when they match part or all of the user's search query).

A good meta description acts as an organic advertisement, so use enticing messaging with a clear call to action to maximize click-through rate.



Meta Keywords

No Keywords

000

Meta Keywords are a specific type of meta tag that appear in the HTML code of a Web page and help tell search engines what the topic of the page is.

However, google can't use meta keywords.





National Weather Service weather.gov/

No Description

This is an example of what your Title Tag and Meta Description will look like in Google search results.

While Title Tags & Meta Descriptions are used to build the search result listings, the search engines may create their own if they are missing, not well written, or not relevant to the content on the page.

Title Tags and Meta Descriptions are cut short if they are too long, so it's important to stay within the suggested character limits.



<H1> <H2> <H3> <H4> <H5> <H6>
1 0 0 0 0 0

<H1> Excessive Heat for the Southwest; Showers and Thunderstorms for Portions of the Plains </H1>

Use your keywords in the headings and make sure the first level (H1) includes your most important keywords. Never duplicate your title tag content in your header tag.

While it is important to ensure every page has an H1 tag, never include more than one per page. Instead, use multiple H2 - H6 tags.





This Keyword Cloud provides an insight into the frequency of keyword usage within the page.

It's important to carry out keyword research to get an understanding of the keywords that your audience is using. There are a number of keyword research tools available online to help you choose which keywords to target.



Keywords	Freq	Title	Desc	<h></h>
weather	29	*	×	×
heat	8	×	×	~
forecast	7	×	×	×
safety	5	×	×	×
alerts	5	×	×	×
education	5	×	×	×
warnings	5	×	×	×
flood	5	×	×	×
past	4	×	×	×
quality	4	×	×	×
maps	4	×	×	×
radar	4	×	×	×
home	3	×	×	×
local	3	×	×	×
space	3	×	×	×

This table highlights the importance of being consistent with your use of keywords.

To improve the chance of ranking well in search results for a specific keyword, make sure you include it in some or all of the following: page URL, page content, title tag, meta description, header tags, image alt attributes, internal link anchor text and backlink anchor text.





We found 14 images on this web page **X** 4 ALT attributes are empty or missing.

/bundles/templating/images/top_news/important.png

https://www.weather.gov/wwamap/png/US.png

https://www.weather.gov/wwamap/png/ak.png

https://www.weather.gov/wwamap/png/hi.png

Alternative text is used to describe images to give the search engine crawlers (and the visually impaired).

Also, more information to help them understand images, which can help them to appear in Google Images search results.



HTML to Text Ratio is: 3.49%

Text content size 5380 bytes Total HTML size 154137 bytes

Code to text ratio represents the percentage of actual text on a web page compared to the percentage of HTML code, and it is used by search engines to calculate the relevancy of a web page.

A higher code to text ratio will increase your chances of getting a better rank in search engine results.



Wow! It's GZIP Enabled.

✓ Your webpage is compressed from 151 KB to 32 KB (78.4 % size savings)

Gzip is a method of compressing files (making them smaller) for faster network transfers.

It allows to reduce the size of web pages and any other typical web files to about 30% or less of its original size before it transfer.



// IP Canonicalization N

No your domain IP 49.44.204.16 does not redirect to weather.gov

To check this for your website, enter your IP address in the browser and see if your site loads with the IP address.

Ideally, the IP should redirect to your website's URL or to a page from your website hosting provider.

If it does not redirect, you should do an htaccess 301 redirect to make sure the IP does not get indexed.

URL Rewrite

Warning! We have detected parameters in a massive number of URLs

Your site's URLs contain unnecessary elements that make them look complicated.

A URL must be easy to read and remember for users. Search engines need URLs to be clean and include your page's most important keywords.

Clean URLs are also useful when shared on social media as they explain the page's content.

Underscores in the URLs

Oh no, you are using underscores (these_are_underscores) in your URLs

000

Great, you are not using ?underscores (these_are_underscores) in your URLs.

While Google treats hyphens as word separators, it does not for underscores.



Great, a redirect is in place to redirect traffic from your non-preferred domain.

Redirecting requests from a non-preferred domain is important because search engines consider URLs with and without "www" as two different websites.



Oh no, XML Sitemap file not found! http://weather.gov/sitemap.xml

A robots.txt file allows you to restrict the access of search engine robots that crawl the web and it can prevent these robots from accessing specific directories and pages. It also specifies where the XML sitemap file is located.

You can check for errors in your robots.txt file using Google Search Console (formerly Webmaster Tools) by selecting 'Robots.txt Tester' under 'Crawl'. This also allows you to test individual pages to make sure that Googlebot has the appropriate access.



Oh no, Robots.txt file not found! http://weather.gov/robots.txt

A sitemap lists URLs that are available for crawling and can include additional information like your site's latest updates, frequency of changes and importance of the URLs. This allows search engines to crawl the site more intelligently.

We recommend that you generate an XML sitemap for your website and submit it to both Google Search Console and Bing Webmaster Tools. It is also good practice to specify your sitemap's location in your robots.txt file.





Perfect, no embedded objects has been detected on this page

Embedded Objects such as Flash. It should only be used for specific enhancements.

Although Flash content often looks nicer, it cannot be properly indexed by search engines.

Avoid full Flash websites to maximize SEO.



Perfect, no Iframe content has been detected on this page

Frames can cause problems on your web page because search engines will not crawl or index the content within them.

Avoid frames whenever possible and use a NoFrames tag if you must use them.

Domain Registration

Exactly how many years and months

Domain Age: Not Available

Created Date: Not Available

Updated Date: Not Available

Expiry Date: Not Available

Domain age matters to a certain extent and newer domains generally struggle to get indexed and rank high in search results for their first few months (depending on other associated ranking factors). Consider buying a second-hand domain name.

Do you know that you can register your domain for up to 10 years? By doing so, you will show the world that you are serious about your business.



1,530,000 Page(s)

This is the number of pages that we have discovered on your website.

A low number can indicate that bots are unable to discover your webpages, which is a common cause of a bad site architecture & internal linking, or you're unknowingly preventing bots and search engines from crawling & indexing your pages.



Number of backlinks to your website

0 Backlink(s

Backlinks are links that point to your website from other websites. They are like letters of recommendation for your site. Since this factor is crucial to SEO, you should have a strategy to improve the quantity and quality of backlinks.



Usability



http://weather.gov Length: 7 characters

Keep your URLs short and avoid long domain names when possible.

A descriptive URL is better recognized by search engines.

A user should be able to look at the address bar and make an accurate guess about the content of the page before reaching it (e.g., http://www.mysite.com/en/products).



Secondary Great, your website has a favicon.

Favicons improve a brand's visibility.

As a favicon is especially important for users bookmarking your website, make sure it is consistent with your brand.

Custom 404 Page Bad, your website has no custom 404 error page.

When a visitor encounters a 404 File Not Found error on your site, you're on the verge of losing the visitor that you've worked so hard to obtain through the search engines and third party links.

Creating your custom 404 error page allows you to minimize the number of visitors lost that way.

151 KB (World Wide Web average is 320 Kb)

Two of the main reasons for an increase in page size are images and JavaScript files.

Page size affects the speed of your website; try to keep your page size below 2 Mb.

Tip: Use images with a small size and optimize their download with gzip.



0.12 second(s)

Site speed is an important factor for ranking high in Google search results and enriching the user experience.

Resources: Check out Google's developer tutorials for tips on how to to make your website run faster.



Oh no, you have not declared your language Declared Language: Unknown

Make sure your declared language is the same as the language detected by Google

Also, define the language of the content in each page's HTML code.



Domain Availability

	,
Domains (TLD)	Status
weather.com	Already Registered
weather.net	Already Registered
weather.org	Already Registered
weather.biz	Already Registered
weather.io	Already Registered

Register the various extensions of your domain to protect your brand from cybersquatters.

Typo Availability

Domains (TLD)	Status
qeather.gov	Already Registered
aeather.gov	Already Registered
seather.gov	Already Registered
deather.gov	Already Registered
eeather.gov	Already Registered

Register the various typos of your domain to protect your brand from cybersquatters.





Good, no email address has been found in plain text.

We don't recommend adding plain text/linked email addresses to your webpages.

As malicious bots scrape the web in search of email addresses to spam. Instead, consider using a contact form.

Safe Browsing

The website is not blacklisted and looks safe to use.

Safe Browsing to identify unsafe websites and notify users and webmasters so they can protect themselves from harm.



Mobile



Oh No! This page is not mobile-friendly. Your mobile friendly score is 0/100

Mobile Friendliness refers to the usability aspects of your mobile website, which Google uses as a ranking signal in mobile search results.



Embedded Objects such as Flash, Silverlight or Java. It should only be used for specific enhancements.

But avoid using Embedded Objects, so your content can be accessed on all devices.

Mobile View

The number of people using the Mobile Web is huge; over 75 percent of consumers have access to smartphones. ??

Your website should look nice on the most popular mobile devices.

Tip: Use an analytics tool to track mobile usage of your website.

Technologies



Server IP	Server Location	Service Provider
23.61.212.18	Not Available	Not Available

Your server's IP address has little impact on your SEO. Nevertheless, try to host your website on a server which is geographically close to your visitors.

Search engines take the geolocation of a server into account as well as the server speed.



Tips for authoring fast-loading HTML pages:

- * Too bad, your website has too many CSS files.
- X Too bad, your website has too many JavaScript files.
- Perfect, your website doesn't use nested tables.
- * Too bad, your website is using inline styles.

Website speed has a huge impact on performance, affecting user experience, conversion rates and even rankings.

???By reducing page load-times, users are less likely to get distracted and the search engines are more likely to reward you by ranking your pages higher in the SERPs.

Conversion rates are far higher for websites that load faster than their slower competitors.



We didn't detect an analytics tool installed on this website.

Web analytics let you measure visitor activity on your website.

You should have at least one analytics tool installed, but It can also be good to install a second in order to cross-check the data.



The Doctype is used to instruct web browsers about the document type being used.

For example, what version of HTML the page is written in.

Declaring a doctype helps web browsers to render content correctly.

W3C Validity

W3C not validated

W3Cis a consortium that sets web standards.

Using valid markup that contains no errors is important because syntax errors can make your page difficult for search engines to index.

Run the W3C validation service whenever changes are made to your website's code.

Encoding

Oh no, language/character encoding is not specified!

Specifying language/character encoding can prevent problems with the rendering of special characters.



Social



Your social media status







Social data refers to data individuals create that is knowingly and voluntarily shared by them.

Cost and overhead previously rendered this semi-public form of communication unfeasible.

But advances in social networking technology from 2004-2010 has made broader concepts of sharing possible.

Visitors

Traffic Rank

No Global Rank

A low rank means that your website gets a lot of visitors.

Your Alexa Rank is a good estimate of the worldwide traffic to your website, although it is not 100 percent accurate.

Visitors Localization

Your website is popular on following countries:

Popularity at	None
Regional Rank	None

We recommend that you book the domain names for the countries where your ??website is popular.

This will prevent potential competitors from registering these domains and taking advantage of your reputation in such countries.

Estimated Worth \$10 USD

Just a estimated worth of your website based on Alexa Rank.



Link Analysis



We found a total of 171 links including both internal & external links of your site

Anchor	Туре	Follow
No Anchor Text	Internal Links	Dofollow
FORECAST	Internal Links	Dofollow
Marine	Internal Links	Dofollow
Fire Weather	Internal Links	Dofollow
PAST WEATHER	Internal Links	Dofollow
SAFETY	Internal Links	Dofollow
Tsunamis	Internal Links	Dofollow
Floods	Internal Links	Dofollow
Beach Hazards	Internal Links	Dofollow
Wildfire	Internal Links	Dofollow
Cold	Internal Links	Dofollow
Tornadoes	Internal Links	Dofollow
Fog	Internal Links	Dofollow
Air Quality	Internal Links	Dofollow
Heat	Internal Links	Dofollow
Hurricanes	Internal Links	Dofollow
Lightning	Internal Links	Dofollow
Safe Boating	Internal Links	Dofollow
Rip Currents	Internal Links	Dofollow
Thunderstorms	Internal Links	Dofollow
Space Weather	Internal Links	Dofollow
Sun (Ultraviolet Radiation)	Internal Links	Dofollow
Safety Campaigns	Internal Links	Dofollow
Wind	Internal Links	Dofollow
Drought	Internal Links	Dofollow
Winter Weather	Internal Links	Dofollow
INFORMATION	Internal Links	Dofollow
Wireless Emergency Alerts	Internal Links	Dofollow
Brochures	Internal Links	Dofollow
Weather-Ready Nation	Internal Links	Dofollow
Cooperative Observers	Internal Links	Dofollow
Daily Briefing	Internal Links	Dofollow
Damage/Fatality/Injury Statistics	Internal Links	Dofollow
GIS Data Portal	Internal Links	Dofollow
NOAA Weather Radio	Internal Links	Dofollow
Publications	Internal Links	Dofollow
SKYWARN Storm Spotters	Internal Links	Dofollow
StormReady	Internal Links	Dofollow
TsunamiReady	Internal Links	Dofollow
Service Change Notices	Internal Links	Dofollow
EDUCATION	Internal Links	Dofollow
Be A Force of Nature	Internal Links	Dofollow
NWS Education Home	Internal Links	Dofollow
NEWS	Internal Links	Dofollow
Events	Internal Links	Dofollow
SEARCH	Internal Links	Dofollow
ABOUT	Internal Links	Dofollow



Organization	Internal Links	Dofollow
Strategic Plan	Internal Links	Dofollow
International	Internal Links	Dofollow
National Centers	Internal Links	Dofollow
Contact Us	Internal Links	Dofollow
Social Media	Internal Links	Dofollow
Privacy Policy	Internal Links	Dofollow
ACTIVE ALERTS	Internal Links	Dofollow
FORECAST MAPS	Internal Links	Dofollow
SATELLITE	Internal Links	Dofollow
PAST WEATHER	Internal Links	Dofollow
American Samoa	Internal Links	Dofollow
Guam	Internal Links	Dofollow
Puerto Rico/Virgin Islands	Internal Links	Dofollow
No Anchor Text	Internal Links	Dofollow
No Anchor Text	Internal Links	Dofollow
NWS RSS Feed	Internal Links	Dofollow
Warnings By State	Internal Links	Dofollow
CURRENT CONDITIONS	Internal Links	Dofollow
	Internal Links	
Satellite		Dofollow
International Observations	Internal Links	Dofollow
FORECAST	Internal Links	Dofollow
International Forecasts	Internal Links	Dofollow
Marine	Internal Links	Dofollow
Daily Briefing	Internal Links	Dofollow
GIS	Internal Links	Dofollow
Cooperative Observers	Internal Links	Dofollow
Storm Spotters	Internal Links	Dofollow
WEATHER SAFETY	Internal Links	Dofollow
NOAA Weather Radio	Internal Links	Dofollow
NEWS	Internal Links	Dofollow
Brochures	Internal Links	Dofollow
International	Internal Links	Dofollow
Products and Services	Internal Links	Dofollow
Comments? Questions? Please Contact Us.	Internal Links	Dofollow
Disclaimer	Internal Links	Dofollow
Help	Internal Links	Dofollow
Glossary	Internal Links	Dofollow
Privacy Policy	Internal Links	Dofollow
Career Opportunities	Internal Links	Dofollow
No Anchor Text	External Links	Dofollow
No Anchor Text	External Links	Dofollow
Graphical	External Links	Dofollow
Aviation	External Links	Dofollow
Rivers and Lakes	External Links	Dofollow
Hurricanes	External Links	Dofollow
Severe Weather	External Links	Dofollow
Sun/Moon	External Links	Dofollow
Long Range Forecasts	External Links	Dofollow
Space Weather	External Links	Dofollow
Astronomical Data	External Links	Dofollow
Forecast Models	External Links	Dofollow
NWS Media Contacts	External Links	Dofollow



Commitment to Diversity	External Links	Dofollow
For NWS Employees	External Links	Dofollow
Careers	External Links	Dofollow
Glossary	External Links	Dofollow
Read More >	External Links	Dofollow
RADAR	External Links	Dofollow
Enhanced Radar	External Links	Dofollow
RIVERS, LAKES, RAINFALL	External Links	Dofollow
AIR QUALITY	External Links	Dofollow
Public Alerts in XML/CAP v1.2 and ATOM Formats	External Links	Dofollow
Special Marine Warning	External Links	Dofollow
Flood Warning	External Links	Dofollow
Excessive Heat Warning	External Links	Dofollow
Gale Warning	External Links	Dofollow
Red Flag Warning	External Links	Dofollow
Heat Advisory	External Links	Dofollow
Flood Advisory	External Links	Dofollow
Coastal Flood Advisory	External Links	Dofollow
Dense Fog Advisory	External Links	Dofollow
Small Craft Advisory	External Links	Dofollow
Brisk Wind Advisory	External Links	Dofollow
Hazardous Seas Warning	External Links	Dofollow
Rip Current Statement	External Links	Dofollow
Beach Hazards Statement	External Links	Dofollow
Flood Watch	External Links	Dofollow
Fire Weather Watch	External Links	Dofollow
Coastal Flood Statement	External Links	Dofollow
Special Weather Statement	External Links	Dofollow
Air Quality Alert	External Links	Dofollow
Child Abduction Emergency	External Links	Dofollow
Follow us on Twitter	External Links	Dofollow
Follow us on Facebook	External Links	Dofollow
Follow us on YouTube	External Links	Dofollow
ACTIVE ALERTS	External Links	Dofollow
Excessive Rainfall	External Links	Dofollow
Winter Weather Forecasts	External Links	Dofollow
Thunderstorm/Tornado Outlook	External Links	Dofollow
Fire Weather Outlooks	External Links	Dofollow
UV Alerts	External Links	Dofollow
Drought	External Links	Dofollow
Space Weather	External Links	Dofollow
Climate Monitoring	External Links	Dofollow
Certified Weather Data	External Links	Dofollow
Climate Monitoring	External Links	Dofollow
Surface Weather	External Links	Dofollow
Upper Air	External Links	Dofollow
Marine and Buoy Reports	External Links	Dofollow
Snow Cover	External Links	Dofollow
Current Outlook Maps	External Links	Dofollow
Drought	External Links	Dofollow
Current Graphical Forecast Maps	External Links	Dofollow
Offshore and High Seas	External Links	Dofollow
Hurricanes	External Links	Dofollow



Aviation Weather	External Links	Dofollow
Climatic Outlook	External Links	Dofollow
Space Weather	External Links	Dofollow
Aviation	External Links	Dofollow
Forecast Models	External Links	Dofollow
Tsunami Warning System	External Links	Dofollow
Hurricanes	External Links	Dofollow
Red Cross	External Links	Dofollow
Federal Emergency Management Agency (FEMA)	External Links	Dofollow
NOAA Education Resources	External Links	Dofollow
JetStream	External Links	Dofollow
NWS Training Portal	External Links	Dofollow
NOAA Library	External Links	Dofollow
NWS Transformation	External Links	Dofollow
No Anchor Text	External Links	Dofollow
Information Quality	External Links	Dofollow
Freedom of Information Act (FOIA)	External Links	Dofollow

While there's no exact limit to the number of links you should include on a page, best practice is to avoid exceeding 200 links.

Links pass value from one page to another, but the amount of value that can be passed is split between all of the links on a page. This means that adding unnecessary links will dilute the potential value attributed to your other links.

Using the Nofollow attribute prevents value from being passed to the linking page, but it's worth noting that these links are still taken into account when calculating the value that is passed through each link, so Nofollow links can also dilute pagerank.





Broken links send users to non-existing web pages. They are bad for your site's usability, reputation and SEO. If you find broken links in the future, take the time to replace or remove each one.

