



Geocaching

101/102

May 5, 2012



Geocaching 102

- Part 1 –
 - Premium Membership Features.
 - Puzzle Caches!
- Part 2 –
 - GSAK – Geocaching Swiss Army Knife Advanced Features.
- Part 3 –
 - Workshops



Geocaching 102

- Overview of Premium Membership features:
 - Pocket Queries.
 - Lists & Bookmarks.
 - Notifications.
- Puzzle Caches – Basics to solving them:
 - Hidden Coordinates.
 - Ciphers & Codes.
 - Lists.
 - Logic.
- GSAK – Geocaching Swiss Army Knife – Bonus Features:
 - Pulling Pocket Queries.
 - Macros – How to install and use them with you GPSr.
 - Publishing Logs – Bulk Load for Power Trails, Pictures & Trackables.



Geocaching 102

- Premium membership:
 - Not here to sell you on upgrading to a premium membership.
 - Will highlight the features so you can decide.
 - Maybe you have one but are not using all of the features.



Geocaching 102

- What is the difference between Basic and Premium Membership?
- Basic:
 - Basic is free.
 - Basic allows you to search, find and log caches.
 - Basic allows you to download cache files in basic format.
- Premium:
 - Current cost is \$30 per year.
 - Allows you to access more features from Geocaching.com.
 - Most used features include notifications, pocket queries, gpx file.



Geocaching 102

Show me the Difference	Basic Membership Free	Premium Membership \$30/Year \$10/3 Months
Rate Your Favorites Award Favorite Points to exceptional geocaches that you have found and sort search results by most Favorited caches.		✓
Statistics Visualize and share your geocaching activity with bar graphs and other dynamic infographics.		✓
Maps Use the map view filters to see only the types of geocaches that appeal to you or to remove your hides and finds.		✓
Create and Share Geocaching Lists Organize caches to keep track of Favorites, watch the activity of caches, ignore caches so that they do not appear in your search results, or Bookmark caches into groupings such as "the best caches for out-of-town guests."		✓
Custom Searches Create custom searches based on geocache size, location, attributes and more with Pocket Queries. See how to use this feature		✓
Be Instantly Notified of Geocaches Be the first to find a geocache when you receive Instant Notifications about newly published geocaches on your cell phone or other mobile device.		✓
Caches Along a Route Search for geocaches along a route on your next road trip. Tell us where you are going and we will let you know what geocaches are along the way. See how to use this feature		✓
Support Geocaching.com Support the development and maintenance of the Geocaching.com site.		✓
Create Geocaching Challenges Issue location-based Challenges for others to complete.		✓
Premium Member Access to all Groundspeak Websites Access all Premium features and tools on Geocaching.com, Waymarking.com and Wherigo.com.		✓
Access to Location View coordinates and location information for geocaches.	✓	✓
Share Your Experiences Place your geocaching stories and photos online after writing about your experience in the geocache logbook.	✓	✓
	Basic Membership Free	Premium Membership \$30/Year \$10/3 Months

Geocaching 102

- Favorites:
 - Premium feature that allows you to award a Favorite point to caches you like and you have found.
 - You must find and log the cache in order to award a Favorite point.
 - For each 9 caches you log as found, you earn a Favorite point that you can award.

The screenshot shows the Geocaching.com interface for a cache titled "Pinky Bison Wants to be an Astronaut" by user Allyn56. The page includes a navigation bar with the Geocaching logo and user profile information for Allyn56 (5,448 points, 5 caches, Premium Member). The cache details show it is a "Hide and Seek A Geocache" with a difficulty of 3 stars and a terrain of 3 stars. The coordinates are N 36° 19.828 W 115° 20.873. The page also features a "Favorites" dropdown menu showing 27 favorites, a "Please note" section with a disclaimer, a "Personal Cache Note" section, and a "Help Pinky Bison become an astronaut!" section with a story about Pinky the bison. The page is powered by Leaflet and MapQuest.

GEOCACHING

Hello, Allyn56 (Sign Out)
5,448 · 5
Premium Member

Learn ▾ Your Profile ▾ Play ▾ Community ▾ Shop ▾ Partnering ▾ Videos

Geocaching > Hide and Seek A Geocache > Geocache Details GC34R2G ▾

Pinky Bison Wants to be an Astronaut

A cache by Allyn56 Hidden : 09/24/2011

Difficulty: ★★☆☆☆ Size: (Other)

Terrain: ★★☆☆☆

N 36° 19.828 W 115° 20.873
UTM: 11S E 648283 N 4021869 N 10.

[Other Conversions](#)

Print:
[No Logs](#) [5 Logs](#) [10 Logs](#) · [Driving Directions](#)

Download: [Read about waypoint downloads](#)

| | |

27 Favorites ▾

- 54% Favorites/Premium Logs
- [View Who Favorited this Cache](#)
- [About Favorites](#)

Please note
Use of geocaching.com services is subject to the terms and conditions [in our disclaimer](#).

Personal Cache Note
Click to enter a note

Help Pinky Bison become an astronaut!

Well a long time ago when Mr. Bison wasn't hiding out in the northern part of town, he and Mrs. Bison had a son and named it after their best friend Pinky. Pinky was always fascinated with space and rockets and when he was old enough he joined the Air Force in hopes of becoming an astronaut. Well as luck would have it, just as he got his training done and ready to head out on his first mission, NASA cancelled the space shuttle program! Pinky was devastated!

Navigation

- [Log your visit](#)
- [View Gallery](#)
- [Watch Listing](#)
- [Edit Listing](#)
- [Edit Attributes](#)
- [Waypoints](#)
- [Upload Images](#)
- [Archive Listing](#)
- [Disable Listing](#)
- [Ignore Listing](#)
- [Bookmark Listing](#)

1 user(s) watching this cache.

Powered by Leaflet — Tiles Courtesy of MapQuest Map and map data © 2012 OpenStreetMap and contributors, CC-BY-SA

Attributes

-
- [What are Attributes?](#)

Geocaching 102

- Statistics:
 - A Geocaching.com feature to keep track of certain caching statistics. GSAK has a macro that is more versatile but Premium membership has some basic features:
 - Total finds
 - Finds per month
 - Breakdown by year and days of year
 - Cache types
 - Terrain/Difficulty
 - Container types
 - Distance from home
 - Maps
 - Milestones

Geocaching 102

- Map View Filters:
 - Allows you to show only cache type you choose.

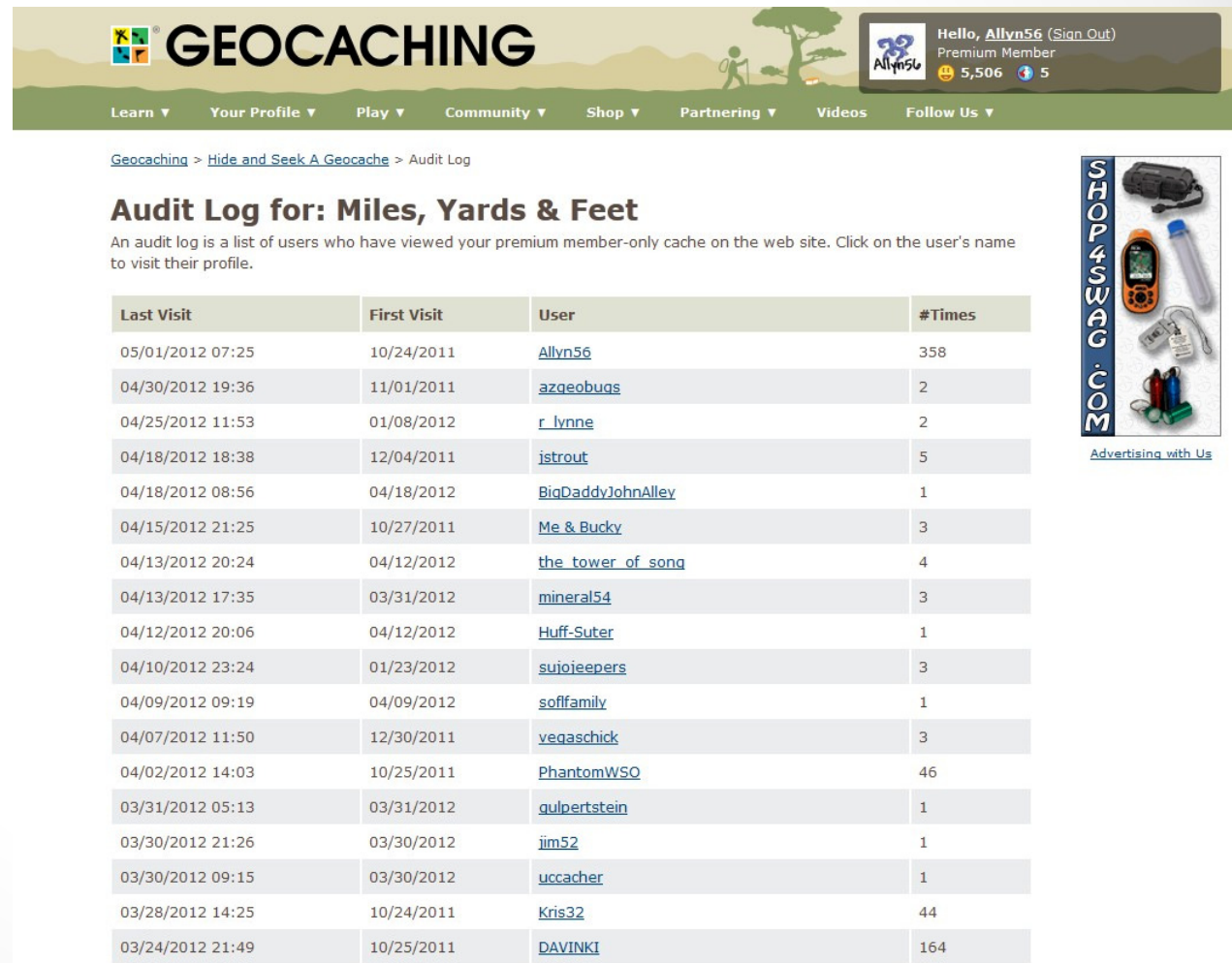
The screenshot shows the Geocaching website interface. At the top, the browser address bar displays the URL www.geocaching.com/map/default.aspx?lat=36.330467&lng=-115.347883. The page header includes the Geocaching logo and a user login status: "You are logged in as Allyn56. Log out".

On the left side, there is a search and filter panel. It includes a "Search" tab and a "Pocket Queries" tab. Below these is a search box with the text "Search For Geocaches" and "Search by Address or Coordinates." Below the search box is a "Filter Caches" section with two buttons: "My Finds" and "My Hides". Underneath is a "Filterable Cache Types" section with a grid of icons representing different cache types. A note below the icons states: "* Includes Premium Member Caches:". At the bottom of the filter panel is a "Save As Pocket Query" button.

The main area of the page is a map showing a network of roads and numerous geocache locations marked with yellow circular icons. The map includes labels for roads such as "Kyle Canyon Rd", "Trails End Ave", "Log Cabin Way", "Moccasin Rd", and "95". The map also shows a green area representing a park or forested region.

Geocaching 102

- Audit Logs:
 - When set as a Premium Member cache as an owner you can view who is looking at your page. Good for me with my puzzles!



The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is displayed. Below it, a navigation bar includes links for Learn, Your Profile, Play, Community, Shop, Partnering, Videos, and Follow Us. A user profile box for 'Allyn56' is visible, showing they are a Premium Member with 5,506 likes and 5 followers. The main content area displays the 'Audit Log for: Miles, Yards & Feet' for a specific cache. A description explains that the audit log lists users who have viewed the premium member-only cache. Below this is a table with columns for Last Visit, First Visit, User, and #Times. To the right of the table is an advertisement for 'STANDARD TOOLS' featuring various geocaching equipment like a GPS, water bottle, and lock.

Geocaching > [Hide and Seek A Geocache](#) > Audit Log

Audit Log for: Miles, Yards & Feet

An audit log is a list of users who have viewed your premium member-only cache on the web site. Click on the user's name to visit their profile.

Last Visit	First Visit	User	#Times
05/01/2012 07:25	10/24/2011	Allyn56	358
04/30/2012 19:36	11/01/2011	azqeobugs	2
04/25/2012 11:53	01/08/2012	r_lynn	2
04/18/2012 18:38	12/04/2011	jstrout	5
04/18/2012 08:56	04/18/2012	BigDaddyJohnAlley	1
04/15/2012 21:25	10/27/2011	Me & Bucky	3
04/13/2012 20:24	04/12/2012	the tower of song	4
04/13/2012 17:35	03/31/2012	mineral54	3
04/12/2012 20:06	04/12/2012	Huff-Suter	1
04/10/2012 23:24	01/23/2012	suoieepers	3
04/09/2012 09:19	04/09/2012	sofffamily	1
04/07/2012 11:50	12/30/2011	vegaschick	3
04/02/2012 14:03	10/25/2011	PhantomWSO	46
03/31/2012 05:13	03/31/2012	qulpertstein	1
03/30/2012 21:26	03/30/2012	jim52	1
03/30/2012 09:15	03/30/2012	uccacher	1
03/28/2012 14:25	10/24/2011	Kris32	44
03/24/2012 21:49	10/25/2011	DAVINKI	164

STANDARD TOOLS
Advertising with Us

Geocaching 102

- Lists:
 - Ignore – Ignore a cache so it does not come up on your search results. Private list for you, cache owner does not know you have ignored the listing.
 - Watch Listing – Allows you to watch a listing and receive notification when anyone posts to the cache. Can be a find, note, did not find, etc. The cache page shows how many people are watching the cache but the owner does not know who is watching the cache.
 - Bookmark Listing – The ability to create a bookmark or special list where you add caches to the bookmarked list. Can be private to you only or can be made public so other cache owners can use the created list. Helpful for series or power trails so you don't have to create your own each time. Can generate a pocket query from it as well.

Geocaching 102

- List Management page:



The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is on the left, and a user profile for 'Allyn56' is on the right, showing 5,448 caches and 5 friends. Below the header is a navigation menu with options like 'Learn', 'Your Profile', 'Play', 'Community', 'Shop', 'Partnering', and 'Videos'. The main content area is titled 'List Management' and includes a 'List Management' section with a description of Geocaching Lists and two buttons: 'Favorites' and 'Watchlist'. Below this is a 'Bookmark Lists' section with a 'Create New Bookmark List' link and a table of existing lists. The table has columns for 'QTY', 'Name', 'Description', and actions like 'Edit', 'View', 'Delete', 'Create Pocket Query', and 'Download Google Earth KML'. At the bottom, a note states that premium members can create private and shared lists.

[Geocaching](#) > [Your Profile](#) > List Management

[Quick View](#) | [Lists](#) | [Geocaches \(Yours\)](#) (Recently Viewed) | [Trackable Items \(Yours\)](#) | [Trackables Inventory](#) | [Trackables Collection](#) | [Souvenirs](#) | [Statistics](#) | [Challenges](#) | [Benchmarks](#) | [Member Features](#) | [Your Friends](#) | [Your Account Details](#)

List Management

Geocaching Lists allow you to organize caches so that you can keep track of your Favorites, watch the activity of caches, ignore caches so that they do not appear in your search results, or Bookmark caches into groupings such as "the best caches for out-of-town guests." [Learn more](#) about Geocaching Lists.

[Favorites](#) [Watchlist](#)

Bookmark Lists

Watch our [screencast](#) on how to create a bookmark list or [read](#) about it.

Your Bookmark Lists

[Create New Bookmark List](#)

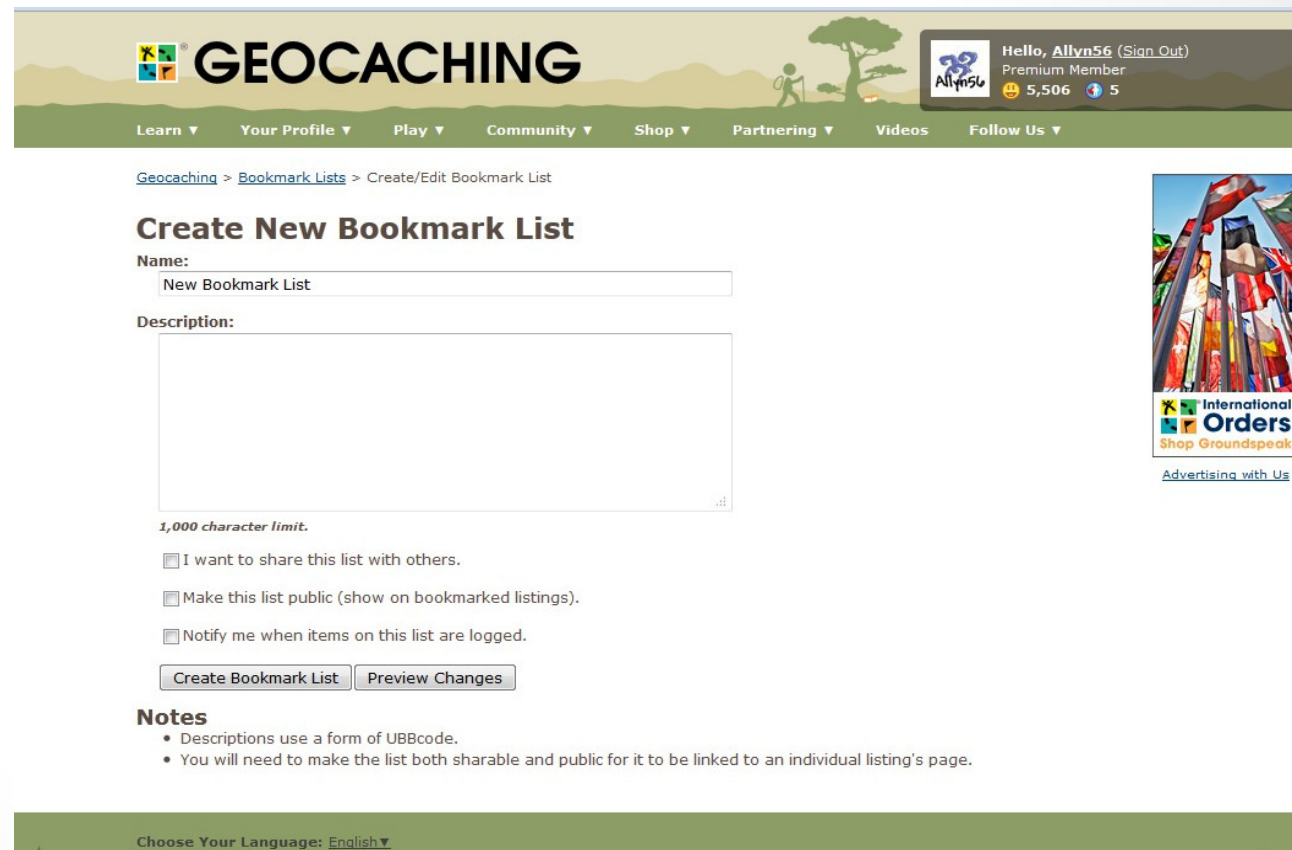
QTY		Name	Description			
17	Not Shared	Domino Series by Allyn56	no description	Edit View Delete	Create Pocket Query	Download Google Earth KML
20	Not Shared	My Misc Caches by Allyn56	no description	Edit View Delete	Create Pocket Query	Download Google Earth KML
16	Not Shared	My Mystery Caches by Allyn56	no description	Edit View Delete	Create Pocket Query	Download Google Earth KML
8	Not Shared	Poker Series by Allyn56	no description	Edit View Delete	Create Pocket Query	Download Google Earth KML
51	Not Shared	Sandy Valley run by Allyn56	no description	Edit View Delete	Create Pocket Query	Download Google Earth KML

You have created 5 of the maximum allowed 40 Bookmark Lists.

- Premium Members** can create private and shared lists, rate lists and view lists.

Geocaching 102

- Bookmarks:
 - Create a new Bookmark
 - Give it a name
 - Add a description if you want
 - Select if you want to share list with others, make it public, or send you an email if someone logs something on list
 - Create Bookmark list



The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is displayed. Below it, a navigation bar includes links for Learn, Your Profile, Play, Community, Shop, Partnering, Videos, and Follow Us. A user profile box on the right identifies the user as 'Hello, Allyn56 (Sign Out)', a Premium Member with 5,506 points and 5 followers. The main content area is titled 'Create New Bookmark List' and contains a form with the following fields and options:

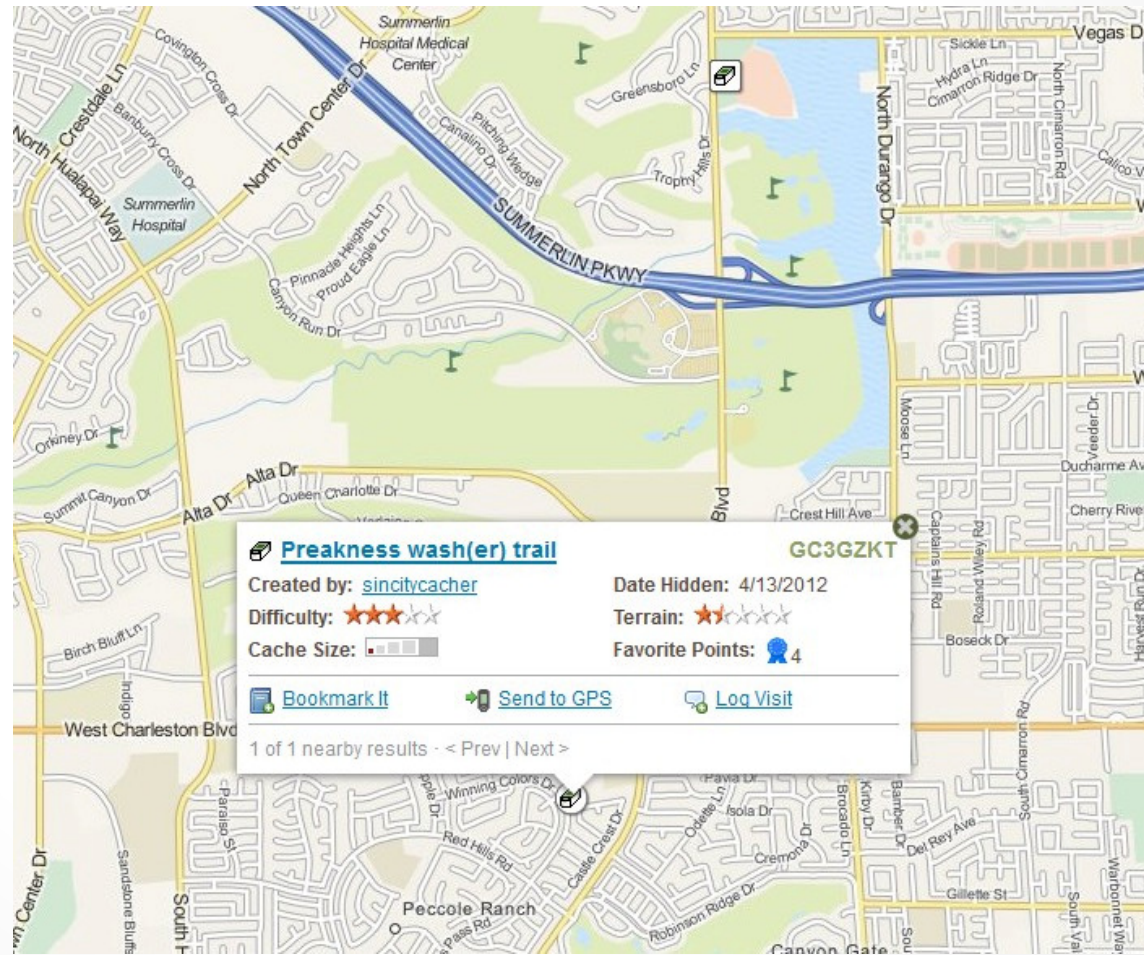
- Name:** A text input field containing 'New Bookmark List'.
- Description:** A large text area for the list description.
- Character Limit:** A note indicating a '1,000 character limit'.
- Options:** Three checkboxes for sharing and public visibility:
 - I want to share this list with others.
 - Make this list public (show on bookmarked listings).
 - Notify me when items on this list are logged.
- Buttons:** 'Create Bookmark List' and 'Preview Changes'.
- Notes:** A section with two bullet points:
 - Descriptions use a form of UBBcode.
 - You will need to make the list both sharable and public for it to be linked to an individual listing's page.

At the bottom of the page, there is a language selection dropdown menu set to 'English'.



Geocaching 102

- Bookmarks:
 - Add caches to list from cache page or from map page



Geocaching 102

- Bookmarks:
 - Select the list you want to add the cache to and then create bookmark



The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is displayed with a navigation menu including 'Learn', 'Your Profile', 'Play', 'Community', 'Shop', 'Partnering', 'Videos', and 'Follow Us'. A user profile for 'Allyn56' is visible in the top right corner. The main content area is titled 'Create a Bookmark' and shows the user 'Second Cousin' editing a listing. The 'Name' field contains 'Second Cousin'. The 'For List:' dropdown menu is open, showing a list of categories: 'Domino Series' (selected), 'My Misc Caches', 'My Mystery Caches', 'Poker Series', and 'Sandy Valley run'. Below the dropdown is a text area for a description, with a note that it has a '1,000 character limit; not required.' and a 'Create Bookmark' button.

Geocaching 102

- Caches Along a Route:
 - Gives you the ability to find caches and store them (like a Bookmark List) along a route.
 - Works with Geocaching.com map feature or with Google Earth using kml files.
 - After you create a route you can then perform a pocket query to download the gpx files.
 - Accessed from the Pocket Query page.

The screenshot shows the Geocaching website interface. At the top, the Geocaching logo is displayed alongside a user profile for 'Allyn56', a Premium Member with 5,448 caches. Below the navigation bar, the page title is 'Find User Routes Near Your Trip'. A search form is present with options to search for existing routes, by keyword, create a new route, or upload a route. The search location field is empty, and there are buttons for 'Find Public Routes' and 'Clear Results'. Below the search form, there are tabs for 'Latest Routes' and 'Your Created Routes'. The main content area features a 'Random Route of the Moment' section with a map of Arizona. The map shows a route from Flagstaff to Scottsdale, with various cities and landmarks labeled. A link below the map reads 'Flagstaff, AZ to Scottsdale, AZ'. On the right side of the page, there is an advertisement for 'International Orders' with the text 'Shop Groundspeak' and 'Advertising with Us'.

Geocaching 102

- Instant Notifications:
 - You can set up Geocaching.com to notify you of any new caches or other events once they meet your criteria.
 - It will send you an email to a specified account when your criteria is met.
 - Useful for going after First to Finds if you send it to an account you have on a smart phone or cell phone.
 - You first need to enter your email address into your profile and get that email validated. You can enter more than one email address if you like and link those to specific notifications. You could use your primary address for one set of notifications and others for new postings if you like.
 - To setup your email address go to Account Details and scroll down to Your Validated Emails.



Geocaching 102

- This is your account page and this is the place that has your validated email accounts.

Your Account Details - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Instant Notifications - Chasing First... x Your Account Details x Geocaching > Your Profile x +

www.geocaching.com/account/default.aspx

Grab It New Mark as Show Configurations Show Recipes Show the Sites Export Them

Your Location [Change](#)

Your Membership [Change](#)

- Member since: 02/14/2006.
- You are a Premium Member.
- Your Membership will continue through

Your Validated E-Mail Addresses [Change](#)

- MyEmail@emailaccount.com (Primary)
- MySecondEmail@emailaccount.com

E-Mail Preferences

- Show my email address to other users.
- Inform me of helpful tips, new features and changes to the web site.
- I want to receive the Geocaching.com weekly newsletter.
- Send emails from Groundspeak in HTML format when available.

Your Preferences [Change](#)

Language: English

Time Zone: Pacific : Pacific Time (U.S. & Canada)
Show Daylight Savings Time

Distance Units: Use Imperial Units

Date Format: 04/10/2012

Instant Message: None Specified

Statistics [Change](#)

The following statistics sections are currently being displayed on your public profile:

Basic Statistics Settings

- Cache Types Found
- Container Types Found
- Difficulty/Terrain Found
- Home Location Statistics
- Caching Chronology

Map Statistics Settings

- Caches Found in the World
- Caches Found in the United States
- Caches Found in Europe
- Caches Found in Asia

Milestone Settings

- Caching Milestones

Your GPS Devices [Change/Add](#)

Garmin Colorado 400t
Community Rating: ★★★★★

Built-in Worldwide basemap with shaded relief; preloaded maps (U.S. topographic), 3-D map view; WAAS-enabled; high-sensitivity GPS receiver; barometric altimeter; electronic compass; wireless data sharing; 240 x 400 pixel color display; SD card slot; waterproof and impact-resistant; runs up to 15 hours on 2 AA batteries

Garmin Colorado 400t (Primary Gadget)
Garmin Nuvi 265W/265WT
Garmin eTrex Legend

Geocaching 102

- This page allows you to enter in additional email addresses for your Geocaching account.

The screenshot shows a web browser window with the address bar displaying `www.geocaching.com/account/ManageEmailAddresses.aspx`. The page title is "Manage Your E-Mail Addresses".

Your E-mail Addresses

Email Address	Status	Actions
Myemail@emailaccount.com (Primary)	Validated	
MySecondemail@emailaccount.com	Validated	Set as Primary Remove Email

Add E-Mail Address

E-Mail Address:

Geocaching Password:

For security reasons, you must enter your current password to save your changes.

E-Mail Preferences

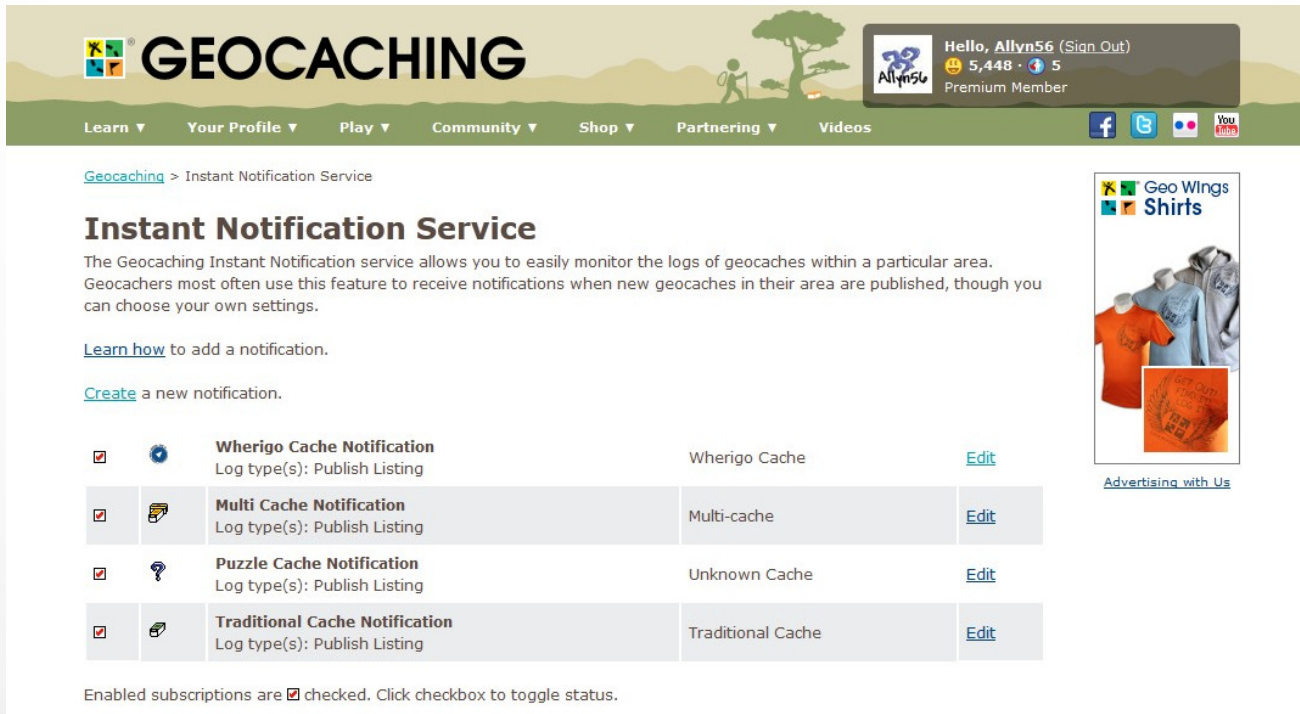
- Show my email address to other users.
- Inform me of helpful tips, new features and changes to the web site.
- I want to receive the Geocaching.com weekly newsletter.
- Send emails from Groundspeak in HTML format when available.

Choose Your Language: [English](#)

On the right side of the page, there is a vertical advertisement for "Shop Groundspeak International Orders" and "Official Geocaching Merchandise".

Geocaching 102

- Setting up Notifications:
 - Access your notifications through the Member Features link either from the main page or from your Quick View page.
 - Scroll down the page until you see Instant Log Notification Feature.
 - Click on that link to access the **Instant Notification Service page**.



The screenshot shows the Geocaching website's Instant Notification Service page. At the top, there is a navigation bar with the Geocaching logo and a user profile for 'Allyn56' (Premium Member) with 5,448 points and 5 friends. Below the navigation bar, the page title is 'Instant Notification Service'. The main content area explains the service and provides links to 'Learn how' and 'Create' a new notification. A table lists four notification types: Wherigo Cache Notification, Multi Cache Notification, Puzzle Cache Notification, and Traditional Cache Notification. Each row includes a checkbox, an icon, the notification name, log type(s), the cache type, and an 'Edit' link. All checkboxes are checked. To the right of the table is an advertisement for 'Geo Wings Shirts' showing various shirts.





[Geocaching](#) > Instant Notification Service

Instant Notification Service

The Geocaching Instant Notification service allows you to easily monitor the logs of geocaches within a particular area. Geocachers most often use this feature to receive notifications when new geocaches in their area are published, though you can choose your own settings.

[Learn how](#) to add a notification.

[Create](#) a new notification.

<input checked="" type="checkbox"/>		Wherigo Cache Notification Log type(s): Publish Listing	Wherigo Cache	Edit
<input checked="" type="checkbox"/>		Multi Cache Notification Log type(s): Publish Listing	Multi-cache	Edit
<input checked="" type="checkbox"/>		Puzzle Cache Notification Log type(s): Publish Listing	Unknown Cache	Edit
<input checked="" type="checkbox"/>		Traditional Cache Notification Log type(s): Publish Listing	Traditional Cache	Edit

Enabled subscriptions are checked. Click checkbox to toggle status.

Advertising with Us

Geocaching 102

- From this page either click:
 - [Learn how](#) to add a notification or
 - [Create](#) a new notification
- Follow Instructions and you are all set.



GEOCACHING

Hello, Allyn56 (Sign Out)
5,448 · 5
Premium Member

Learn ▾ Your Profile ▾ Play ▾ Community ▾ Shop ▾ Partnering ▾ Videos

Geocaching > [Instant Notification Service](#) > Add/Edit Instant Notifications

Add/Edit Instant Notifications

[View All Notifications](#)

The instant notification service lets you monitor a particular area for certain types of logs that are posted on Geocaching.com. It is most often used to receive notifications of newly published caches near one's home location. [See detailed instructions](#) on adding a notification.

Name:

Type to Watch:

From what coordinates would you like to base this search?
Degrees and minutes (MinDec) ▾
N ▾ 36 °
W ▾ 115 °

Look Up Postal Code:
 | [Map It](#)

Distance in Miles:

Send To:

[Add an Additional E-Mail Address to Your Account](#)

Enable Notifications (Uncheck to Pause)

Official Geocaching Merchandise
Shop Groundspeak International Orders
Advertising with Us

Geocaching 102

- Pocket Queries:
 - One of the main benefits of Premium Membership.
 - Allows you to do advanced searches based on your criteria.
 - Search by cache type
 - Search by location
 - Search by Difficulty/Terrain
 - Search by Container Type
 - Search by When Placed
 - Search by Attributes
 - Search by Postings
 - Creates a file that you can download or get emailed to you, depending on size.
 - Can retrieve up to 1,000 caches!
 - Can be recurring (set time each week) or one shot times.
 - Access it through the Pocket Queries link from the main page or on your Quick View page.

Geocaching 102



From this page either click:

Create a new pocket query or

How to create a pocket query

[Geocaching](#) > Your Pocket Queries

Your Pocket Queries

Pocket Queries are custom geocache queries that can be downloaded from the website. They are in a format you can bring along with you on cache hunts on your GPS and/or PDA. You can select a GPX or LOC text file that works with [supported software applications](#). You can run a Pocket Query once or set it to run automatically on a daily or weekly basis. Queries that contain 500 geocaches or fewer can be delivered as an email attachment. You can run up to 5 pocket queries every 24 hour period, but each individual search can run only once per day.

See detailed instructions on [creating your first Pocket Query](#). [Learn how](#) to use other Premium Features.

Using this service you agree to the terms of [this license agreement](#).

[Create a new query](#) [Find Caches Along a Route](#) [How to Create a Pocket Query](#)

Active Pocket Queries Pocket Queries Ready for Download (1)

Server Time: Tuesday, 10 April 2012 16:55:09

<input type="checkbox"/>	Preview	Name	Copy	Su	Mo	Tu	We	Th	Fr	Sa	Last Generated (PST)
<input type="checkbox"/>	1.	(500) Cabin New		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	2.	(500) Events		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	3.	(500) My Home 30 Miles		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	02/14/2010 17:33:26
<input type="checkbox"/>	4.	(500) Las Vegas Mystery Caches		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	5.	(500) MyCaches		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04/08/2012 01:19:41
<input type="checkbox"/>	6.	(500) New Query		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never

EXPERIENCE THE LARGEST GEOCACHING GRID ON EARTH.

ANTELOPE, OR JUNE 1-3, 2012

WILD CANYON GAMES

[Advertising with Us](#)

Geocaching 102

Select the day of the week you want it to run or leave blank if you want to download when you want

Select the type of cache or Any Type (Default)

[Geocaching](#) > [Your Pocket Queries](#) > Create/Edit Geocache Pocket Query

New Pocket Query

Query Name:

Days to Generate: (Server Time: Tuesday, 10 April 2012 16:51:15)

Sun Mon Tue Wed Thu Fri Sat

Choose how often your query should run:

- Uncheck the day of the week after the query runs
- Run this query every week on the days checked
- Run this query once then delete it

Show me caches of

Any Type

Selected Types:

- | | |
|--|---|
| <input type="checkbox"/> Wherigo Cache | <input type="checkbox"/> GPS Adventures Exhibit |
| <input type="checkbox"/> Traditional Cache | <input type="checkbox"/> Multi-cache |
| <input type="checkbox"/> Virtual Cache | <input type="checkbox"/> Letterbox Hybrid |
| <input type="checkbox"/> Event Cache*
<small>(*Includes: Lost and Found Event Cache, Mega-Event Cache, Groundspeak Block Party, Cache In Trash Out Event, Groundspeak Lost and Found Celebration)</small> | <input type="checkbox"/> Unknown Cache*
<small>(*Includes: Groundspeak HQ)</small> |
| <input type="checkbox"/> Project APE Cache | <input type="checkbox"/> Webcam Cache |
| <input type="checkbox"/> Earthcache | |



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Geocaching 102

Select container type or Any Container (default)

Select the type of caches you want

Select difficulty and terrain

Any Container

Selected Containers:

Small

Large

Micro

Other (see description)

Regular

Unknown

Virtual

That (And)

I haven't found

I have found

I don't own

I own

Are available to all users

Are for members only

Are not on my ignore list

Are on my watch list

Found in the last 7 days

Have not been found

Have Travel Bugs

Updated in the last 7 days

Is Disabled

Is Enabled

And

Difficulty is

Terrain is

Geocaching 102

Select the country or state or None Selected (default)

Within

None Selected

Countries

Afghanistan
Aland Islands
Albania
Algeria
American Samoa

States / Provinces

Abruzzo
Acre
Aguascalientes
Aichi
Akershus

Select starting point of query

From Origin

None Selected

My Home Location

GC Code

Postal Code

By Coordinates

Degrees and minutes (MinDec) ▾

N ▾ 00 ° 00.000 '

W ▾ 000 ° 00.000 '

Select distance of search

Within a Radius of mi km

Geocaching 102

Select when cache was placed or None Selected

The types of attributes you want to search by

Or the types you want to exclude

Placed During

None Selected

the last week ▾

between April ▾ / 03 ▾ / 2012 ▾ and April ▾ / 10 ▾ / 2012 ▾

Attributes to Include (Click to include/exclude certain attributes.)



Attributes to Exclude (Click to include/exclude certain attributes.)



Geocaching 102

Select which email account to have it sent to, the format of the file and if you want to have it sent as a zip file and if you want the pocket query name in the download filename

Output To

E-Mail: [Add an Additional E-Mail Address to Your Account](#)

Format: [Learn More About Waypoint Downloads](#)

Compress files into *.zip format (recommended)

Include Pocket Query name in download file name

Pocket Query Tips:

- Choose to compress your files into *.zip format. Since LOC and GPX files are text, they compress very small and are gentle on bandwidth (and your in box).
- The (and) and (or) means each selection would either be an "and" or "or" statement when you check two or more options. So for types of caches, the search will return caches that are either traditional or virtual (if those two were checked). For an (and) selection, all items checked will need to match to show the cache. So selecting caches with Travel Bug® Trackables in them and caches you have not found would only give you a cache you have not found which contains one or more Travel Bug Trackables.
- Pocket Queries are generated in Pacific Standard Time (PST). This may mean that your Monday is different from our Monday.
- The more caches you choose, the larger your file will be. If it doesn't end up fitting your handheld, consider filtering your searches.
- Since you are limited to 1000 results - In busy areas, create several different queries for different cache types.
- Less is more! Choose the types of caches you like, and filter out the caches you will most likely not seek out.
- Don't go overboard! When you put together a pocket query, make sure you don't combine searches that won't work. The easiest mistake is to check too many boxes so that you get no results at all!
- Start with one search and see how it works before creating a second search. This way you can decide what is effective.

Known issues:

- Some Internet Service Providers (ISPs) don't like *.loc or *.gpx files, and some email clients corrupt these files. It is recommended to zip them before sending.
- It has been reported that occasionally these emailed files are tagged as viruses by antivirus software. Since the files do not execute they should not be capable of delivering viruses. Zipping the files normally solves this problem.
- Did we mention you should probably zip your pocket queries?

Geocaching 102

To manually download the pocket query select the day you want it run (use the current day if you want it now) and then wait for the email notification (usually within minutes)

GEOCACHING

Hello, Allvyn56 (Sign Out)
5,448 · 5
Premium Member

Learn ▾ Your Profile ▾ Play ▾ Community ▾ Shop ▾ Partnering ▾ Videos

Geocaching > Your Pocket Queries

Your Pocket Queries

Pocket Queries are custom geocache queries that can be downloaded from the website. They are in a format you can bring along with you on cache hunts on your GPS and/or PDA. You can select a GPX or LOC text file that works with [supported software applications](#). You can run a Pocket Query once or set it to run automatically on a daily or weekly basis. Queries that contain 500 geocaches or fewer can be delivered as an email attachment. You can run up to 5 pocket queries every 24 hour period, but each individual search can run only once per day.

See detailed instructions on [creating your first Pocket Query](#). [Learn how](#) to use other Premium Features.

Using this service you agree to the terms of [this license agreement](#).

[Create a new query](#) [Find Caches Along a Route](#) [How to Create a Pocket Query](#)

Active Pocket Queries Pocket Queries Ready for Download (1)

Server Time: Tuesday, 10 April 2012 16:55:09

<input type="checkbox"/>	Preview	Name	Copy	Su	Mo	Tu	We	Th	Fr	Sa	Last Generated (PST)
<input type="checkbox"/>	1.	(500) Cabin New		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	2.	(500) Events		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	3.	(500) My Home 30 Miles		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	02/14/2010 17:33:26
<input type="checkbox"/>	4.	(500) Las Vegas Mystery Caches		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never
<input type="checkbox"/>	5.	(500) MyCaches		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04/08/2012 01:19:41
<input type="checkbox"/>	6.	(500) New Query		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Never

EXPERIENCE
THE LARGEST
GEOCACHING
GRID ON EARTH.

ANTELOPE, OR
JUNE 1-3, 2012

Advertising with Us

Geocaching 102

- **Questions on Premium Services?**





Puzzle Caches



- There are many different types of puzzle caches but almost all require you to find numbers to fit the coordinate system.
 - Hidden Coordinates.
 - Codes and Ciphers.
 - Lists.
 - Word, Logic and Math Puzzles.
 - Movie & TV Series Puzzles.
 - Challenges.



Puzzle Caches

- Puzzle caches should be within 2 miles of the posted coordinates. This is not always the case but it is what Geocaching.com recommends when publishing puzzle caches.
- Two miles will generally put you within the posted degrees of the cache. This means that if you have to solve the North and West degrees, you can look for links that give you these numbers. In our area that will generally be N 36° or W 115° or 114° depending where you are. So look for solutions that give you 3, 6, 1, 5 or 4. The double 1 in the West helps too!



Puzzle Caches

- Review of coordinate systems:
 - **DD MM.MM = N36° 03.278 W115° 24.991**
 - **DDD.DDD = 36.054633,-115.416517**
 - **DD MM SS.SS = N 36 03 16.68, W 115 24 59.46**

 - **UTM = 11S E 642623 N 3991168**
- Helpful tools for coordinates include:
 - Fizzy Calc
 - Google Earth



Puzzle Caches

- Fizzy Calc:

FizzyCalc 1.1.02

Coord Conversion | Distance | Projection | WAAS Satellites | GC Waypoint Number | Checksums

Coordinate String

N36 03.278 W115 24.991

	Latitude	Longitude	Both
DDD.DDDD	<input type="text" value="36.054633"/>	<input type="text" value="-115.416517"/>	<input type="text" value="36.054633,-115.416517"/>
DD MM.MMM	<input type="text" value="N 36 03.278"/>	<input type="text" value="W 115 24.991"/>	<input type="text" value="N 36 03.278, W 115 24.991"/>
DD MM SS.SS	<input type="text" value="N 36 03 16.68"/>	<input type="text" value="W 115 24 59.46"/>	<input type="text" value="N 36 03 16.68, W 115 24 59.46"/>
UTM	<input type="text" value="11S E 642623 N 3991168"/>		

Puzzle Caches

- Hidden Coordinates:

- White text on Cache page.

Or where????
No white text. No white text. No white text. Oh wait how about this one? N 36° 09.537 W 115° 19.786
No white text. No white text. No white text. Or this one? N 36° 09.357 W 115° 19.786 No white text. No
white text. No white text. No white text

- Comments in Cache page User Supplied Content.

- *<!-- My comment here!-->*

- Modified text, such as Capital letters, *Italics*, etc.

- Cache page edited items:

- Hidden date, logs, Travel Bugs or Geocoins, background images, links to other web-pages, Geo-checker pages, etc.

- Pictures.

- Sound clips.

- Coordinates that are not really hidden. Cache is NOT hidden at the posted coordinates.

Puzzle Caches

- Hidden Coordinates:
 - Pictures:
 - Inside picture file.
 - On picture.
 - Layers.
 - Properties.
 - Stenography.
 - Text files as pictures or pictures as text files.
 - Zip file inside picture file.

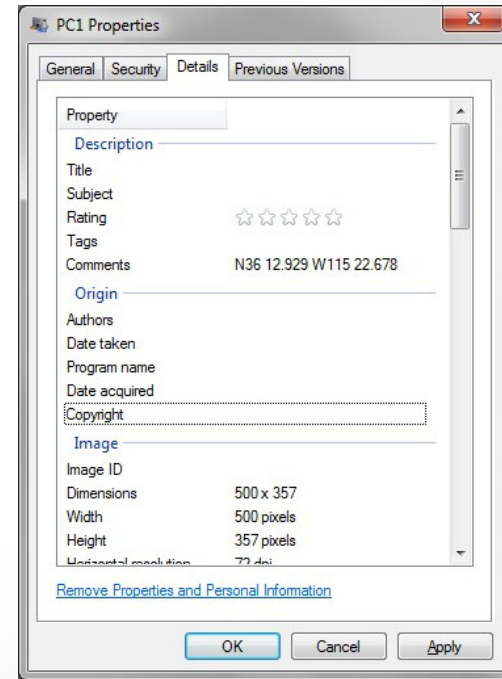


Puzzle Caches

- On Pictures:



- In Pictures:



Puzzle Caches

- Codes & Ciphers:
 - Morse code.
 - Braille.
 - Character codes.
 - Shift or substitution codes – Caesar, ROT 13, Playfair, Vigenère, etc.
 - ASCII, Hexidecimal, Binary, Octal, Base64, etc.
 - Bar Codes – QR Codes, Postal Zip Codes, Scan Codes, etc.
 - Color Codes.

Puzzle Caches

Dec	Hx	Oct	Char	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr	Dec	Hx	Oct	Html	Chr
0	0	000	NUL (null)	32	20	040	 	Space	64	40	100	@	@	96	60	140	`	`
1	1	001	SOH (start of heading)	33	21	041	!	!	65	41	101	A	A	97	61	141	a	a
2	2	002	STX (start of text)	34	22	042	"	"	66	42	102	B	B	98	62	142	b	b
3	3	003	ETX (end of text)	35	23	043	#	#	67	43	103	C	C	99	63	143	c	c
4	4	004	EOT (end of transmission)	36	24	044	$	\$	68	44	104	D	D	100	64	144	d	d
5	5	005	ENQ (enquiry)	37	25	045	%	%	69	45	105	E	E	101	65	145	e	e
6	6	006	ACK (acknowledge)	38	26	046	&	&	70	46	106	F	F	102	66	146	f	f
7	7	007	BEL (bell)	39	27	047	'	'	71	47	107	G	G	103	67	147	g	g
8	8	010	BS (backspace)	40	28	050	((72	48	110	H	H	104	68	150	h	h
9	9	011	TAB (horizontal tab)	41	29	051))	73	49	111	I	I	105	69	151	i	i
10	A	012	LF (NL line feed, new line)	42	2A	052	*	*	74	4A	112	J	J	106	6A	152	j	j
11	B	013	VT (vertical tab)	43	2B	053	+	+	75	4B	113	K	K	107	6B	153	k	k
12	C	014	FF (NP form feed, new page)	44	2C	054	,	,	76	4C	114	L	L	108	6C	154	l	l
13	D	015	CR (carriage return)	45	2D	055	-	-	77	4D	115	M	M	109	6D	155	m	m
14	E	016	SO (shift out)	46	2E	056	.	.	78	4E	116	N	N	110	6E	156	n	n
15	F	017	SI (shift in)	47	2F	057	/	/	79	4F	117	O	O	111	6F	157	o	o
16	10	020	DLE (data link escape)	48	30	060	0	0	80	50	120	P	P	112	70	160	p	p
17	11	021	DC1 (device control 1)	49	31	061	1	1	81	51	121	Q	Q	113	71	161	q	q
18	12	022	DC2 (device control 2)	50	32	062	2	2	82	52	122	R	R	114	72	162	r	r
19	13	023	DC3 (device control 3)	51	33	063	3	3	83	53	123	S	S	115	73	163	s	s
20	14	024	DC4 (device control 4)	52	34	064	4	4	84	54	124	T	T	116	74	164	t	t
21	15	025	NAK (negative acknowledge)	53	35	065	5	5	85	55	125	U	U	117	75	165	u	u
22	16	026	SYN (synchronous idle)	54	36	066	6	6	86	56	126	V	V	118	76	166	v	v
23	17	027	ETB (end of trans. block)	55	37	067	7	7	87	57	127	W	W	119	77	167	w	w
24	18	030	CAN (cancel)	56	38	070	8	8	88	58	130	X	X	120	78	170	x	x
25	19	031	EM (end of medium)	57	39	071	9	9	89	59	131	Y	Y	121	79	171	y	y
26	1A	032	SUB (substitute)	58	3A	072	:	:	90	5A	132	Z	Z	122	7A	172	z	z
27	1B	033	ESC (escape)	59	3B	073	;	;	91	5B	133	[[123	7B	173	{	{
28	1C	034	FS (file separator)	60	3C	074	<	<	92	5C	134	\	\	124	7C	174	|	
29	1D	035	GS (group separator)	61	3D	075	=	=	93	5D	135]]	125	7D	175	}	}
30	1E	036	RS (record separator)	62	3E	076	>	>	94	5E	136	^	^	126	7E	176	~	~
31	1F	037	US (unit separator)	63	3F	077	?	?	95	5F	137	_	_	127	7F	177		DEL

Source: www.LookupTables.com

Puzzle Caches

- Binary, Hexidecimal, Base64, etc.:
 - N36 03.278 W115 24.991
 - Decimal:
 - 78 51 54 32 48 51 46 50 55 56 32 87 49 49 53 32 50 52 46 57 57 49
 - Hexidecimal:
 - 4E 33 36 20 30 33 2E 32 37 38 20 57 31 31 35 20 32 34 2E 39 39 31
 - North Thirty Six Degrees Zero Three Dot Two Seven Eight West One One Five Twenty Four Dot Nine Ninety One
 - Decimal:
 - 78 111 114 116 104 32 84 104 105 114 116 121 32 83 105 120 32 68 101 103
114 101 101 115 32 90 101 114 111 32 84 104 114 101 101 32 68 111 116 32 84
119 111 32 83 101 118 101 110 32 69 105 103 104 116 32 87 101 115 116 32 79
110 101 32 79 110 101 32 70 105 118 101 32 84 119 101 110 116 121 32 70 111
117 114 32 68 111 116 32 78 105 110 101 32 78 105 110 101 116 121 32 79 110
101
 - Hexidecimal:
 - 4E 6F 72 74 68 20 54 68 69 72 74 79 20 53 69 78 20 44 65 67 72 65 65 73 20 5A
65 72 6F 20 54 68 72 65 65 20 44 6F 74 20 54 77 6F 20 53 65 76 65 6E 20 45 69
67 68 74 20 57 65 73 74 20 4F 6E 65 20 4F 6E 65 20 46 69 76 65 20 54 77 65 6E
74 79 20 46 6F 75 72 20 44 6F 74 20 4E 69 6E 65 20 4E 69 6E 65 74 79 20 4F 6E
65

Puzzle Caches

- Fonts:

- North Thirty Six Degrees Zero Three Dot Two Seven Eight West One One Five Twenty Four Dot Nine Ninety One

- Wingdings:

- ☠️◻️◻️◆️⚡️ ❄️⚡️⌘◻️◆️⌘ ◊⌘⊠️ 🖐️♫🎵◻️♫♫◆️ ☾♫◻️◻️ ❄️⚡️◻️♫♫ 🖐️◻️◆️ ❄️◆️◻️ ◊♫❄️♫■️ 🖐️⌘🎵⚡️◆️ ⌘♫◆️ ◆️◻️♫ ◻️■️♫ 🖐️⌘❄️♫ ❄️◆️♫■️◆️⌘ ◻️ 🖐️◻️◆️◻️ 🖐️◻️◆️ ☠️⌘■️♫ ☠️⌘■️♫◆️⌘ ◻️ ◻️■️♫

- SyMusic

- 🎵🎵:♀️⊕♯ ◻️♭♭♀️⊕Ψ ---♭♯ ◻️◻️♯♀️◻️◻️♀️ ◻️◻️♀️🎵: ◻️♭♀️◻️◻️ 🎵🎵:⊕ ◻️♭🎵: ---◻️4◻️🎵 ◻️♯♯⊕ ◻️◻️♀️⊕ 🎵🎵: ◻️🎵 ◻️🎵 ◻️♭4◻️ ◻️♭🎵:⊕ ◻️♯🎵: ◻️♯



Puzzle Caches

- Bar Codes:
 - QR Codes – Can display text, a link to a webpage, send an email, or a text message. Best to have a Smart phone application that reads these in the field.
 - PDF format – Can be used to hide text such as this.
 - Postal Code – As seen on envelopes for zip codes. Limited to numbers.
 - ISBN Codes – International Standard Book Number - The ones used for books. Limited to 9 or 13 digits.



Puzzle Caches

- Lists:
 - Music.
 - TV Series.
 - Movies.
 - States & Countries.
 - Books.
- Internet searches.
- Watching the shows or listening to the music.



Puzzle Caches

- Word, Logic and Math Puzzles:
 - Converting words to numbers.
 - Solving Logic questions to find numbers for puzzles.
 - Doing simple to complex math equations.
 - Geometry puzzles – Areas, Triangles, etc.
 - Sudoku.
 - Crossword.
 - “Find a Word”.
 - Mazes.



Puzzle Caches

- Some links to help you out:
 - Puzzle Solving Caches:
 - NorCal Puzzle Solving Lesson 1: Strategy - <http://coord.info/GC2GXZK>
 - How Do I Solve All These &#\$@! Puzzle Caches - <http://coord.info/GC25WQJ>
 - Puzzle Solving 101 - Lesson 1: Strategy - <http://coord.info/GCYXZ1>
 - Cipher Links:
 - Cipher Tools - <http://rumkin.com/tools/cipher/>
 - Translator – Binary, Hex, Base64, - <http://home2.paulschou.net/tools/xlate/>
 - Purple Hell Riddle Tools - <http://www.purplehell.com/riddletools/>
 - Bar Code Readers:
 - Clear Image - <http://online-barcode-reader.inliteresearch.com/>
 - Fizzy Calc - <http://www.fizzymagic.net/Geocaching/FizzyCalc/>

Puzzle Caches

- Questions on Puzzle Caches?

