HRSC Webmaster's Report for May 29, 2018 to August 25, 2018

SUMMARY

Site Security Increased by Adding SSL Encryption.

- Version 68 of Chrome gives a "Not Secure" warning in the address bar if a website does not have SSL encryption, as indicated by "https." Since Chrome has about a 60% market share, and this warning would cause many people to leave the site, SSL encryption has been added to our site, which is no longer shown as "Not Secure."

Site Migrated to New Hosting Environment.

- In conjunction with addition of SSL encryption, the site has been migrated from "ASP.NET 1.1 Value" to "Windows 2012 Small." This is a more modern environment, and it has a lower annual cost, which more than compensates for the new annual cost of the SSL certificate. Site visitors see no difference.

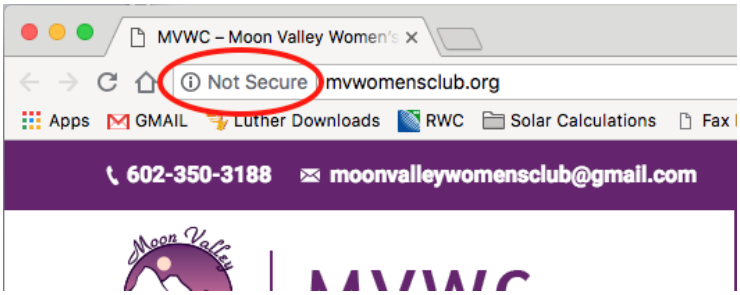
Recommendation Made on Posting of 2004 – 2014 eBridges.

- I took an action to consider this over the summer, and make a recommendation at or in advance of the August board meeting. ***My recommendation is that we do not post them.*** See details in Website Administration under Webmaster Activity.

WEBMASTER ACTIVITY

Site Security Increased by Adding SSL Encryption.

Visitors using Chrome V 68 got "Not Secure" shown in the address bar; see example below. Visitors using Firefox got "Connection is Not Secure" if they clicked the "i" information circle in the address bar. Visitors using Safari just got the absence of the locked padlock icon in the address bar.



The security of our site was just as good as it had ever been, and given that we do not conduct electronic commerce on the site, the need for SSL encryption was not high. However, apart from encrypting communications between browser and server, SSL also authenticates websites, so does add a little security in that way. More importantly, it is much simpler to have SSL than to debate how much it is needed, and Google has clearly decided to increasingly flag any site lacking it, so adding it was the obvious choice. It costs about $30 per year, but as shown below, we are saving more than that by migrating the site to a new environment.

For more details on SSL certificates, read the pink splash on our home page, and click the links at the bottom left of that page.

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Site Migrated to New Hosting Environment

As shown in the comparison table below, the annual price of Windows 2012 Small is $59.52 less than ASP / ASP.NET 1.1 Value.

If we had stayed with the previous ASP.NET Value package:

$155.40 + 4% "Tech Fee" = $161.62 (The "Tech fee" is a new "fee" from Newtek that seems to be just a price increase.)

Moving to Windows 2012 Small:

$95.88 + 4% "Tech Fee" = $99.72, thus a savings of $61.90.

After paying the annual cost of $29.99 + Tech Fee = $31.19 for the new SSL certificate, we still come out $30.71 ahead.

ASP / ASP.NET 1.1 Value features:	Windows 2012 Small features:
• Monthly Price = $12.95/month • Setup Fee = $12.95 • Disk Space = 500MB • Bandwidth Usage = 50GB/month • Extra Domain Limit = 0 • Mailbox Limit = 10 • Mail Disk Space Limit = 2000MB • Mail Bandwidth Limit = 5GB • Mail Messages Limit = 100000 • FTP Accounts = 5 • User Names = 1 • MySQL Database Support (100MB size limit) • ASP/ASP.NET Support	• Monthly Price = $7.99/month • Setup Fee = $0.00 • Disk Space = 5000MB • Bandwidth Usage = 200GB/month • Extra Domain Limit = 25 • Mailbox Limit = 25 • Mail Disk Space Limit = 6000MB • Mail Bandwidth Limit = 5GB • Mail Messages Limit = 100000 • FTP Accounts = 5 • User Names = 2 • SSL Support • SQL Database Support • (1000MB size limit) • MySQL Database Support (1000MB size limit) • ASP/ASP.NET Support

Updates and Changes to Website Pages since last Report

- Made topical updates to pink splash section of the Home Page.
- Made routine additions to the Archives page for online Bridges, 2014- photo gallery, board minutes, treasurer's reports and webmaster's reports.
- Made updates to upcoming event information and added past event photos and reports where available.

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Email, Hotline and Website Administration

- Made routine mailing list updates and eBridge distribution for September, and other email transmissions.
- Handled routine Hotline emails about retiree deaths, address changes, membership renewal not working, incorrect information in member database, requests for links to be added to our website, etc.
- Performed a routine check of the entire website for dead links, and corrected two. As previously noted, there are still quite a few dead links in older Archives items, but mainly restricted to missing images for online Bridges in the Archives older than November 2014. Ted Rees provided a few old photos from 2004 and 2005, as well as eBridges during the period February 2004 to January 2014. However, these eBridges have photos embedded in them, so it would be a major effort to extract these and match them up with online Bridges—I do not propose to do this!

  The simplest thing would be to post the eBridges provided by Ted. However, posting eBridges would break the rule that we no longer post eBridges online—only the online Bridge, which does not have information such as lists of member email addresses. However, it might be acceptable to post these eBridges, since even the most recent would be almost four years old.

  I took an action to consider this over the summer, and make a recommendation at or in advance of the August board meeting. ***My recommendation is that we do not post them.*** My main reason is that some of them contain member email addresses, and we committed to members not to publish these except to our membership. Many people keep the same email address for years or decades, so even very old eBridges could have current member email addresses in them. The other consideration is that I believe that although members are quite interested in older items, very few would care if the versions of these particular old documents containing all the photos were not posted, instead leaving only those currently there, which have some photos missing.

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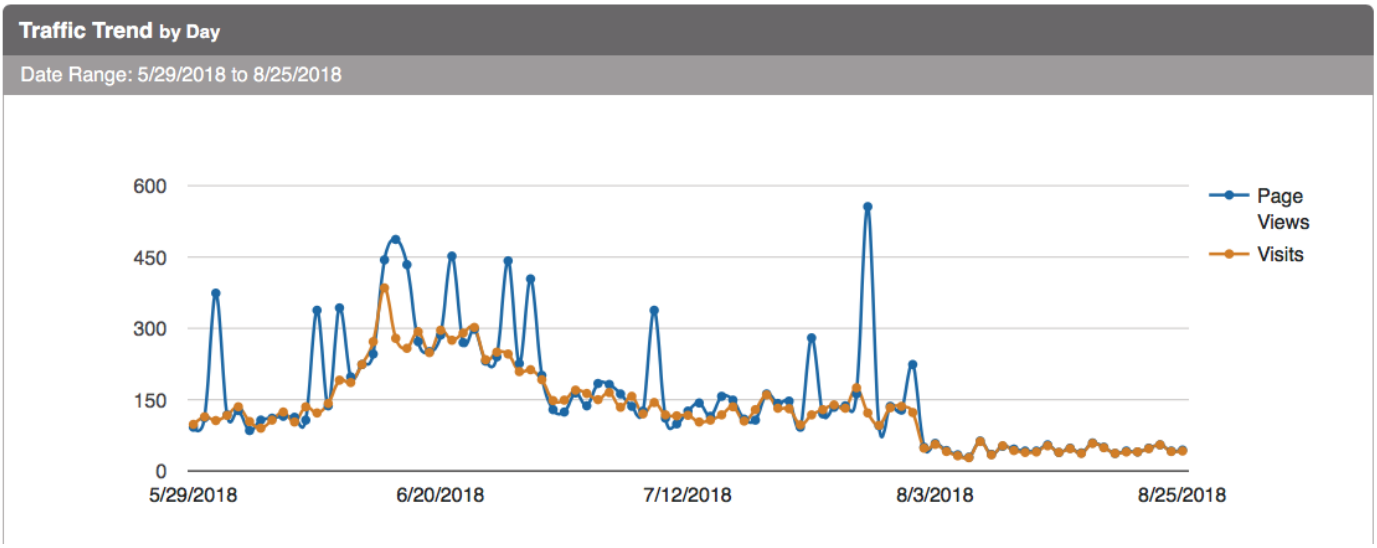
WEBSITE STATISTICS

Site traffic report for May 29, 2018 to August 25, 2018:



The main peaks were from the following organizations:

Date	Organization	Confidence of Abuse
May 31	Google, Mountain View, CA	No abuse
June 9	Hurricane Electric, NY	35%
June 11	OVH Canada	3%
June 15-17	OVH SAS France	16%
June 21	Hurricane Electric, NY	35%
June 26	OVH Canada	No abuse
June 28	Google, Mountain View, CA	No abuse
July 9	OVH SAS France	0%
July 28	Google, Mountain View, CA	No abuse
	OVH SAS France	9%

Based on these results, IP address blocking has been added for Hurricane Electric, (66.160.140.182), which has had 21 abuse reports from 19 different sources since the end of April.

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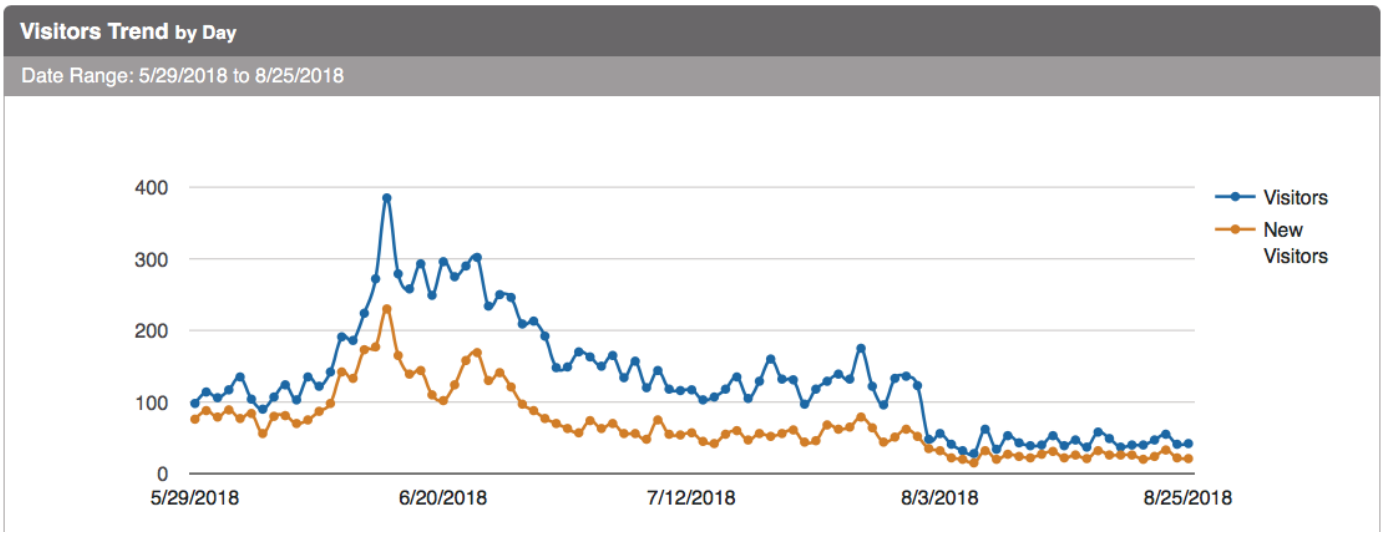
Site visitors report for May 29, 2018 to August 25, 2018:



Visitor traffic was generally higher this reporting period, averaging 132 visitors per day, despite a noticeable drop-off at the beginning of August. This could be because the website’s IP address changed on August 1 as part of the migration process, so any accesses being made by bots using IP address would no longer have worked.

Excluding August, the average was 165 visitors per day. (The previous three reporting periods had averages of 134, 93 and 110 visitors per day.)

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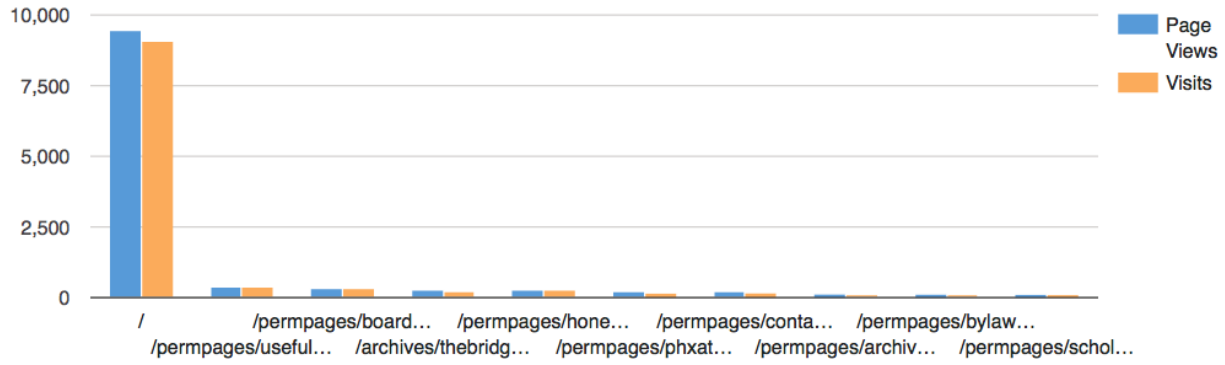
The most visited pages for May 29, 2018 to August 25, 2018, 2018:

Top Pages

Date Range: 5/29/2018 to 8/25/2018



	Page	Page Views ▾	Visits	Bandwidth
1.	/	9,456 66.18%	9,100 66.74%	478.3 MB 51.37%
2.	/permpages/usefullinks.html	396 2.77%	362 2.65%	11.3 MB 1.21%
3.	/permpages/board.html	333 2.33%	311 2.28%	8.5 MB 0.91%
4.	/archives/thebridge/bridge.html	283 1.98%	227 1.66%	170.9 MB 18.35%
5.	/permpages/honeywellhistory.html	257 1.80%	251 1.84%	3.2 MB 0.34%
6.	/permpages/phxattractions.html	195 1.36%	174 1.28%	119.1 MB 12.79%
7.	/permpages/contactus.html	191 1.34%	183 1.34%	3.2 MB 0.34%
8.	/permpages/archives.html	134 0.94%	101 0.74%	23.9 MB 2.57%
9.	/permpages/bylaws.html	127 0.89%	94 0.69%	3.8 MB 0.41%
10.	/permpages/scholarships.html	119 0.83%	108 0.79%	1.4 MB 0.15%
Other Items (212)		**2,798**	**2,724**	**107.6 MB**
Total		**14,289**	**13,635**	**931.1 MB**

After the Home Page, Useful Links was the most popular page this period, followed by Board Members and the on-line Bridge.

Other notable items:

- 28% of page views were from the USA, accounting for 71% of bandwidth usage. China had 9.9% of page views and 0.95% of bandwidth. Canada had 8.1% of page views and 7.9% of bandwidth. Russia had 7.6% of page views and 2.2% of bandwidth.
- Within the USA, Arizona accounted for 15% of page views (608 over 89 days) and 28% of bandwidth. Ann Arbor, MI and Fremont, CA had similar levels of page views, but much lower bandwidth.
- Assuming all Arizona accesses represent our members, but no other accesses do, (a very rough assumption), then 608 page views over 89 days would represent about 7 member page views per day.