

MSDIS Update – December 2018

New and Updated Data

2018 Ambulatory Surgical Centers December Update
2018 Dialysis Centers December Update
2018 Hospitals December Update
2018 Rural Health Clinics December Update
2018 MoDOT Roads Routes December Update
2018 MoDOT Roads Arcs December Update
2018 MoDOT Commuter Lots December Update
2018 MoDOT Missouri Rest Areas December Update
2018 MoDOT Missouri Emergency Reference Markers December Update
2018 Public Schools December Update

MSDIS General News

MSDIS was delighted to host high school and university students from the Great Circle Transitional Living Program on December 27. The students visited the MSDIS office at Mizzou North and were given a brief introduction to GIS, aerial photography, LIDAR, and the role of the clearinghouse.

MSDIS Downtime

The University Of Missouri network suffered from technical difficulties on both 19 and 20 December. As far as we are aware, the difficulties were isolated to traffic originating WITHIN the Mizzou network. We have no reason to believe that these issues prevented anyone from OUTSIDE of the Mizzou network from accessing any MSDIS services and we received no complaints from any of our users.

MSDIS Data Wish List

While MSDIS is always happy to distribute any new data, based on requests from our users, GRC map requests, and the overall state of the data catalog, acquisition of new or updated versions of the following datasets are of particular interest:

Missouri School Districts (latest Missouri version: 2013, latest TIGER/Line version: 2017)
Missouri Voting Districts (latest version: 2010)
Missouri Contour Lines (no previous version)
Missouri Higher Education Facilities (previous Missouri version: 2010)
Missouri Library Districts (previous version: 2013)
Missouri Enhanced Enterprise Zones (previous version: 2012)
Missouri Department of Natural Resources Boundaries (previous version: 2016)

MSDIS December 2018 Usage Stats

Image Server

Hits by Month

Month	Hits	Page views	Visitors
Aug-18	4113595	4112411	31094
Sept-18	3299986	3299145	27902
Oct-18	3723049	3720155	30893
Nov-18	3800114	3798187	30032
Dec-18	3527756	3523406	28831

Hits by Directory

Pages/directories	Hits	Hits (%)
/arcgis/services/MSDIS/	1773136	53.95
/arcgis/services/LGov/	1292797	39.34
/arcgis/services/Map/	88280	2.69
/arcgis/services/LiDAR/	82007	2.50
/arcgis/services/StLouisHistoricalAerialPhotos/	48179	1.47
/arcgis/services/Joplin/	1590	0.05
/arcgis/services/2015Flood/	405	0.01

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
United States/MO/	2285928	64.8	2282177
United States/(unknown city)	320483	9.1	320146
(unknown country)/(unknown city)	132755	3.8	132740
United States/CO/	112688	3.2	112682
United States/CA/	101763	2.9	101725
United States/AR/	73347	2.1	73345
United States/IL/	51211	1.5	51197
United States/DC/	47893	1.4	47884
Canada/ON/	44754	1.3	44748
United States/GA/	44584	1.3	44579

Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Jefferson City	1005871	28.5	1004919
United States/MO/Lohman	519308	14.7	519274
United States/(unknown city)	320483	9.1	320146
United States/MO/Springfield	214518	6.1	214355
United States/MO/Saint Louis	189676	5.4	189643
(unknown country)/(unknown city)	132755	3.8	132740
United States/CO/Fort Collins	93792	2.7	93792
United States/AR/Russellville	66269	1.9	66269
United States/CA/Pasadena	59405	1.7	59405
United States/DC/Washington	47893	1.4	47884

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
168.166.80.221	528160	15	527988
168.166.48.53	486804	13.8	486770
168.166.80.243	244499	6.9	243736
168.166.193.254	136052	3.9	136052
146.7.97.73	80855	2.3	80854
173.218.180.174	66269	1.9	66269
206.219.255.152	59385	1.7	59385
168.166.80.248	58252	1.7	58250
146.7.97.6	58178	1.6	58178
12.156.204.66	49035	1.4	49035

Top Ten Hits by Referrer

Client IP	Hits	Hits (%)	Page views
(no referrer)	1893983	53.7	1891075
https://semorpc.maps.arcgis.com/	456852	13	456852
http://traveler.modot.mo.gov/	235034	6.7	235034
http://tmsmaps/	148750	4.2	148750
https://douglasgis.integritygis.com/	94241	2.7	94241
https://msdis.maps.arcgis.com/	78527	2.2	78527
http://www.esri.com/	70908	2	70761
http://tms/	58359	1.7	58359
http://rallsgis.integritygis.com/	53326	1.5	53326
https://dallasgis.integritygis.com/	50522	1.4	50522

Map Server

Hits by Month

Month	Hits	Page views	Visitors
Aug-18	244792	235769	4986
Sept-18	194788	188544	3327
Oct-18	317199	306953	3725
Nov-18	377446	368511	4490
Dec-18	277716	267352	4658

Hits by Directory

Pages/directories	Hits	Hits (%)	Page views
/arcgis/rest/services/Administrative_Boundaries/	67502	32.8	67501
/arcgis/rest/services/TIGER_Data/	29037	14.1	29037
/arcgis/rest/services/Transportation/	26716	13	26716
/arcgis/rest/services/MSDIS_Projects/	25719	12.5	25719
/arcgis/rest/services/Geological_Geophysical/	15822	7.7	15822
/arcgis/rest/services/Water_Resources/	11782	5.7	11782
/arcgis/rest/services/Health/	8203	4	8203
/arcgis/rest/services/Environment_Conservation/	6706	3.3	6706
/arcgis/rest/services/MOHypsographyDownloadTool/	5617	2.7	5617
/arcgis/rest/services/Culture_Society/	3410	1.7	3410

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
United States/MO/	115534	41.6	106688
United States/(unknown city)	25967	9.4	25893
United States/NJ/	20991	7.6	20991
United States/MA/	17058	6.1	17058
(unknown country)/(unknown city)	11916	4.3	11844
United States/CA/	9123	3.3	8332
United States/MI/	8806	3.2	8791
United States/DE/	6429	2.3	6429
United States/TX/	4711	1.7	4692
United States/IL/	4487	1.6	4471

Top Ten Hits by City

City	Hits	Hits (%)	Page views
United States/MO/Columbia	56159	20.2	48215
United States/(unknown city)	25967	9.4	25893
United States/NJ/Woodbridge	19164	6.9	19164
United States/MA/Cambridge	16271	5.9	16271
(unknown country)/(unknown city)	11916	4.3	11844
United States/MO/Jefferson City	11143	4	11099
United States/MO/Saint Louis	9327	3.4	9255
United States/MI/Ann Arbor	7760	2.8	7760
United States/MO/Cape Girardeau	7275	2.6	7271
United States/DE/Wilmington	6429	2.3	6429

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
128.206.12.147	48667	17.5	40887
18.208.191.37	6801	2.4	6801
18.207.179.3	4853	1.7	4853
54.81.108.99	4568	1.6	4568
35.153.141.90	4500	1.6	4500
168.166.80.203	4217	1.5	4215
52.87.175.49	4113	1.5	4113
173.167.227.65	3465	1.2	3465
54.224.53.45	3384	1.2	3384
168.166.80.243	3080	1.1	3075

Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	148093	53.3	139319
https://msdis.maps.arcgis.com/	93181	33.6	93181
https://data-msdis.opendata.arcgis.com/	12244	4.4	12244
https://SDITGISP0888.state.mo.us:6143/	3901	1.4	3901
http://limno.maps.arcgis.com/	3332	1.2	3332
http://msdisweb.missouri.edu/	2649	1	1482
https://slustl.maps.arcgis.com/	2086	0.8	2086
https://www.arcgis.com/	2086	0.8	2086
http://nginx.boundless.test/	1912	0.7	1912
http://slustl.maps.arcgis.com/	1465	0.5	1465

MSDIS Data Archive

Hits by Month

Month	Hits	Page views	Visitors
Aug-18	30114	28967	1911
Sept-18	48990	46716	1696
Oct-18	23315	21769	1900
Nov-18	37450	35625	1802
Dec-18	36951	35677	1791

Hits by Directory

Pages/directories	Hits	Hits (%)	Page views
/archive/Missouri_Elevation_Data/	9503	27.7	9501
/archive/Missouri_Vector_Data/	9352	27.2	9328
/archive/Missouri_Imagery/	6933	20.2	6924
/archive/metadata_gos/	4212	12.3	4211
/archive/StLouis2016LAS_TEMP/	962	2.8	960
/archive/MSDIS_Misc_Data/	637	1.9	634
/archive/Missouri_County_LiDAR/	515	1.5	514
/archive/MSDIS_Outbox/	40	0.1	39

Top Ten Hits by Region

Region	Hits	Hits (%)	Page views
(unknown country)/(unknown city)	10372	28.1	10298
United States/CA/	6751	18.3	6531
United States/IA/	5860	15.9	5830
United States/MO/	2976	8.1	2515
Switzerland/(unknown city)	1916	5.2	1916
United States/MI/	1560	4.2	1524
United States/(unknown city)	1293	3.5	1191
Germany/(unknown city)	1150	3.1	1150
Ukraine/(unknown city)	1012	2.7	1012
United States/WA/	659	1.8	651

Top Ten Hits by City

City	Hits	Hits (%)	Page views
(unknown country)/(unknown city)	10372	28.1	10298
United States/IA/Cedar Falls	5815	15.7	5804
United States/CA/Mountain View	3311	9	3134
United States/CA/Palo Alto	2927	7.9	2925
Switzerland/(unknown city)	1916	5.2	1916
United States/MI/Ann Arbor	1335	3.6	1325
United States/(unknown city)	1293	3.5	1191
Germany/(unknown city)	1150	3.1	1150
Ukraine/(unknown city)	1012	2.7	1012
United States/MO/Columbia	944	2.6	809

Top Ten Hits by Client IP

Client IP	Hits	Hits (%)	Page views
134.161.59.160	5804	15.7	5799
5.143.231.37	3535	9.6	3534
5.143.231.40	1717	4.6	1717
100.43.91.105	1576	4.3	1575
5.143.231.8	1470	4	1469
35.192.84.7	1315	3.6	1314
5.255.250.128	812	2.2	811
66.249.75.213	691	1.9	646
5.255.250.95	622	1.7	622
66.249.75.215	621	1.7	590

Top Ten Hits by Referrer

Referrer	Hits	Hits (%)	Page views
(no referrer)	33464	90.6	32892
http://msdis-archive.missouri.edu/	2683	7.3	1981
http://www.msdis.missouri.edu/	594	1.6	594
http://msdis.missouri.edu/	150	0.4	150
https://www.google.com/	36	0.1	36
http://vardenafil20.com	9	0	9
https://www.dnnsoftware.com/	3	0	3
http://www.netcraft.com/	2	0	2
http://www.arcgis.com/	2	0	2
http://www.google.com/	2	0	2