

Russian Flu

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Sims*

Client: Tom Ewing

Introduction

- Track the Russian Flu (1889-1890)
- Translation Team
 - Articles in German, Spanish, Russian to English
- CS Team
 - Create website to view and search articles
 - Multimedia to display large amounts of data

Our Work (Solr)

- Define document fields in **schema.xml**
- Search configuration in **solrconfig.xml**
 - **Facets, Drop-Down Bar, Searchable Fields**
- Indexed data
 - Tab-separated .csv file
 - Automatic upload?

Our Work (Blacklight)

- **Configured Blacklight**
 - Facets, Search Results
 - Color Scheme
 - Images

Original Prototype

[Bookmarks](#) [History](#) [Login](#)

All Fields ▾

All Fields

Location

Language

Date

Limit your search

Search...

Search Q

Welcome to the Russian Flu Project

Format



Language



Date



Location



This project explores the relationship between the spread of disease and the spread of information during the "Russian Flu" epidemic, 1889-1890. The research will be done by a team of Virginia Tech undergraduates working in collaboration with a historian. This site will provide updates on the project, resources, and findings.

Current Interface

All Fields ▾

Search...

Search 🔍

Limit your search

Newspaper Title ▶

Infection Location ▶

Reporting Location ▶

Language ▶

Date ▶

Keyword ▶

Welcome!

Welcome to the Russian Flu



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Check out our Blog!

[Russian Flu Blog](#)

Multimedia

Limit your search

Newspaper Title

Intelligenzblatt und Berner Stadtblatt	57
Roanoke Daily Times	25
La Lanterne	19
El Monitor Republicano	16
Freiburg Nachrichten	12
Diario oficial de avisos de Madrid	10
El Siglo Futuro	9
El Siglo Diez Y Nuevo	8
El Dia	7
La Iberia	6
La Época	6
La Unión Católica	5
The Mercury	5
La Dinastía	4
Launceston Examiner	4
Camperdown Chronicle	2
Daily Record Union	2

Welcome!

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Multimedia

All Fields

infected

Search

Limit your search

Newspaper Title



Infection Location



Reporting Location



Language



Date



Keyword



You searched for: infected

[Start Over](#)

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10 per page

1. [Intelligenzblatt und Berner Stadtblatt](#)

 BookmarkNewspaper Title: **Intelligenzblatt und Berner Stadtblatt**Infection Location: **London**Reporting Location: **Bern**Date: **1890-01-06T00:00:00Z**Language: **German**Keywords: **postmaster, Salisbury**

2. [La Lanterne](#)

 BookmarkNewspaper Title: **La Lanterne**Infection Location: **Paris**Date: **1890-01-03T00:00:00Z**

3. [Intelligenzblatt und Berner Stadtblatt](#)

 BookmarkNewspaper Title: **Intelligenzblatt und Berner Stadtblatt**Infection Location: **London, Madrid, Brussels, Paris**

The Times

Newspaper Title: The Times

Infection Location: St. Petersburg

Reporting Location: London

Date: 1889-11-25T00:00:00Z

Translation: Russia. St. Petersburg, Nov. 23. During the week there has been a most unusual case of sickness among all classes in St. Petersburg, which, from the semblance of the symptoms, is supposed to be an epidemic of influenza. It is averred that scarcely a family has escaped, while the numbers of those attacked by it in factories, workshops, and schools are quite phenomenal. In one of the larger mills as many as one hundred workmen at one time have been ill, and parts of the work have had to be suspended. The hospitals are overcrowded, and the doctors complain of too much to do. Most of the journals take it as a text for lamentations over the proverbial insalubrity of the city; others attribute it to the horrible weather of the last few weeks, which has consisted of a series of rapid changes between frost and heat, snow and rain, with heavy clouds and semi-darkness. But if St. Petersburg is the most insalubrious of European capitals, Russia altogether is the unhealthiest country in the civilized world. The latest statistics of the medical department for 1887 show a less satisfactory state of the public health than those of the immediately preceding years. The cases of infectious diseases, although far from having been all chronicled, were much more numerous in proportion to the population than in England, Holland, Italy, Belgium, or Prussia; leprosy was found in 65 districts, and 615 fresh victims were registered during the year; there were 21 blind to every 10,000 inhabitants—a greater proportion than anywhere else on the Continent; and 27,017 persons poisoned themselves. Every year 15 more persons in every 1,000 die in Russia than in England, which, according to the *Novoe Vremya*, makes an unnecessary loss of 1,650,000 persons annually sacrificed through inadequate medical assistance. An example of this latter deficiency is given in the Caucasus, where there is only one hospital for every 309,000 inhabitants and one hospital bed for every 12,000.

Tools

Bookmark

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Search...

Search 🔍

Bookmarks

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10 per page ▾

Clear Bookmarks

Cite

Email

1. [Fièvre dengue et grippe, d'après l'épidémie de 1889-1890](#)

 In BookmarksNewspaper Title: [Fièvre dengue et grippe, d'après l'épidémie de 1889-1890](#)Infection Location: [Paris](#)Original Text: <http://gallica.bnf.fr/ark:/12148/bpt6k5442899k/f8.image.r=influenza%20la%20AND%20grippe%20.langEN>

2. [The Times](#)

 In BookmarksNewspaper Title: [The Times](#)Infection Location: [St. Petersburg](#)Reporting Location: [London](#)Date: [1889-11-25T00:00:00Z](#)

Translation: [Russia. St. Petersburg, Nov. 23. During the week there has been a most unusual case of sickness among all classes in St. Petersburg, which, from the semblance of the symptoms, is supposed to be an epidemic of influenza. It is averred that scarcely a family has escaped, while the numbers of those attacked by it in factories, workshops, and schools are quite phenomenal. In one of the larger mills as many as one hundred workmen at one time have been ill, and parts of the work have had to be suspended. The hospitals are overcrowded, and the doctors complain of too much to do. Most of the journals take it as a text for lamentations over the proverbial insalubrity of the city; others attribute it to the horrible weather of the last few weeks, which has consisted of a series of rapid changes between frost and heat, snow and rain, with heavy clouds and semi-darkness. But if St. Petersburg is the most insalubrious of European capitals, Russia altogether is the unhealthiest country in the civilized world. The latest statistics of the medical department for](#)

Search History

Your recent searches

Keyword:house

Keyword:london

Keyword:influenza

Keyword:flu

Keyword:sick


Extras

- Find different ways to display the data gathered by the translation team
- Found some multimedia solutions for future work

MapTiler


MapTiler – Fast maps for web and mobile


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Mercator Tiles
Google maps, Web & Mobile apps, GIS

Retina / HiDPI Tiles

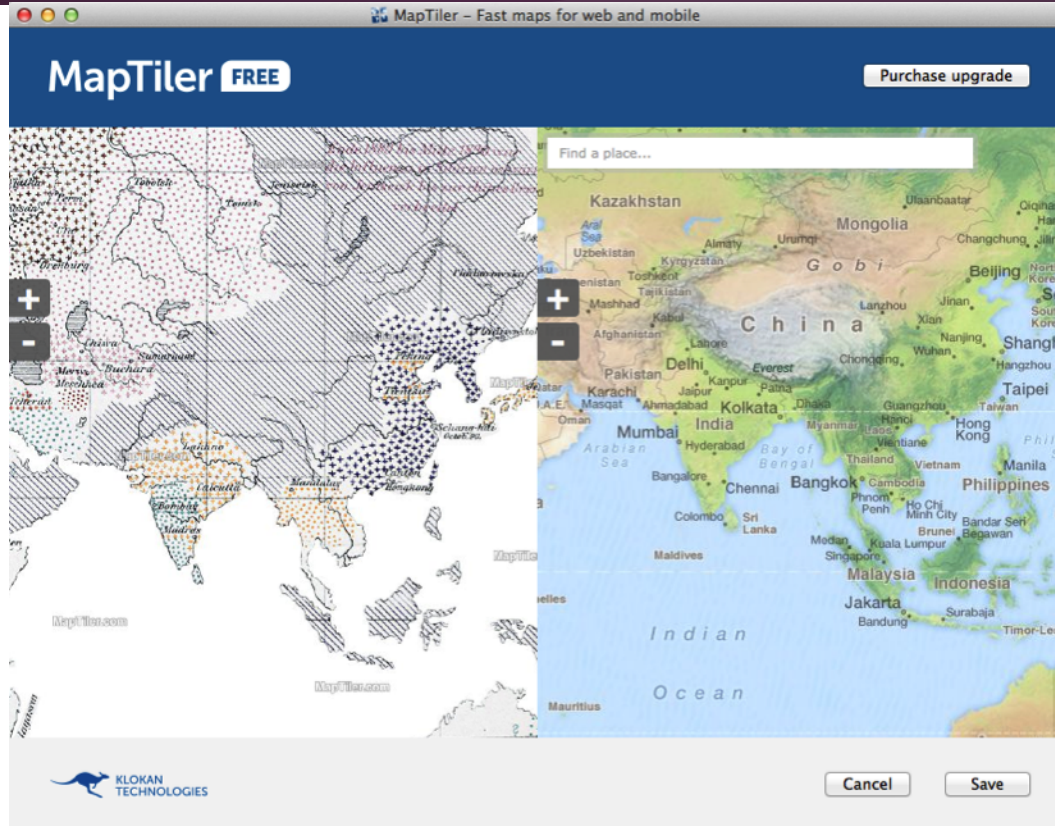
 **Google Earth**
KML SuperOverlay

 **Custom Tiles**
Local coordinate systems

 **Raster Tiles**
Not georeferenced images

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MapTiler



MapTiler



Timeline

	A	B	C	D	E	F	G	H
1	Start Date	End Date	Headline	Text	Media	Media Credit	Media Caption	Media Thumbnail
2	5/1/1889 0:00:00	10/31/1890 0:00:00	A Graphical Representation of the Occurance of the Influenza Pandemic Across the Earth in 6 Different Time Spans	From May 1889 to October 1890				title
3	5/1/1889 0:00:00	9/30/1889 0:00:00	May through September, 1889		https://scholar.vt.edu/d2c7-467b-8609-8c34c8044809/18891890%20Map%20R:September%201889			
4	10/1/1889 0:00:00	10/31/1889 0:00:00	October, 1889		https://scholar.vt.edu/d2c7-467b-8609-8c34c8044809/18891890%20Map%20R:			
5	11/1/1889 0:00:00	11/15/1889 0:00:00	November 1st through November 15th, 1889		https://scholar.vt.edu/d2c7-467b-8609-8c34c8044809/18891890%20Map%20R:15%2C%201889.jpg			
6	11/16/1889 0:00:00	11/30/1889 0:00:00	November 16th through November 30th, 1889		https://scholar.vt.edu/d2c7-467b-8609-8c34c8044809/18891890%20Map%20R:30%2C%201889.jpg			
7	12/1/1889 0:00:00	12/15/1889 0:00:00	December 1st through December 15th, 1889		https://scholar.vt.edu/d2c7-467b-8609-8c34c8044809/18891890%20Map%20R:15%2C%201889.jpg			

Timeline

November 16, 1889 — November 30, 1889

November 16th through November 30th, 1889



NOVEMBER 1, 1889

November 1st through November 15th, 1889



DECEMBER 1, 1889

December 1st through December 15th, 1889



Problems Faced

- Did not get access to a server until April 1st
- Communication with translation teams
- Solr/Blacklight Issues
 - Linking to a new page
 - Date display
 - Multiple Keywords

Lessons Learned

- Get a faster start on the project
- Better explanations to non CS members about things like formatting
- Find people and resources on subjects that are new to us

Future Plans

- Client would like to get another CS group for next semester
- Client wants to implement map features
- Get thumbnail images to show in search
- Continue to add more articles