

Regional News Sources of the Russian Federation

Central Federal District (CFD)

Moscow and Moscow Oblast

- **RIAMO (RIA Moscow Oblast)** — riamo.ru
Covers events in Moscow and the region, often specifying districts.
- **Moskovsky Komsomolets (MK)** — mk.ru
Publishes news about Moscow and CFD regions.
- **Podmoskovye Segodnya** — mosregtoday.ru
Regional publication focusing on Moscow Oblast.

Voronezh Oblast

- **Moyo! Online** — moe-online.ru
News from Voronezh and the region.
- **RIA Voronezh** — riavr.ru
Regional agency with detailed event coverage.

Northwestern Federal District (NWFD)

Saint Petersburg and Leningrad Oblast

- **Fontanka.ru** — fontanka.ru
Major publication covering events in St. Petersburg and the region.
- **78.ru** — 78.ru
St. Petersburg news with district specifications.
- **LenTV24** — lentv24.ru
TV channel focusing on Leningrad Oblast.

Arkhangelsk Oblast

- **Pravda Severa** — pravdasevera.ru
Regional newspaper with news from Arkhangelsk and the region.
- **29.ru** — 29.ru
News portal for Arkhangelsk Oblast.

Southern Federal District (SFD)

Rostov Oblast

- **161.ru** — 161.ru
News from Rostov-on-Don and the region.
- **Don24** — don24.ru
Regional publication focusing on Rostov Oblast.

Krasnodar Krai

- **Yuga.ru** — yuga.ru
News from Krasnodar and the krai.
- **Kuban 24** — kuban24.tv
TV channel with regional news.

Volga Federal District (VFD)

Nizhny Novgorod Oblast

- **Nizhegorodskaya Pravda** — pravda-nn.ru
Regional newspaper with news from Nizhny Novgorod and the region.
- **NN.ru** — nn.ru
News portal for Nizhny Novgorod.

Republic of Tatarstan

- **Tatar-inform** — tatar-inform.ru
Tatarstan news focusing on Kazan.
- **Business Online** — business-gazeta.ru
Major publication covering events in Tatarstan.

North Caucasus Federal District (NCFD)

Stavropol Krai

- **Stavropolskaya Pravda** — stpravda.ru
Regional newspaper with news from Stavropol and the krai.
- **Pobeda 26** — pobeda26.ru
News portal for Stavropol Krai.

Republic of Dagestan

- **RGVK Dagestan** — rgvktv.ru
TV channel with news from Dagestan.
- **Makhachkalinskie Izvestia** — md-gazeta.ru
News from Makhachkala and the republic.

Tools for Creating a News Incident Parsing and Visualization Service

News Parsing Tools

BeautifulSoup + Requests (Python)

- Benefits: Easy-to-use HTML parsing library
- Efficiently extracts data from articles
- Large community and documentation

Scrapy (Python)

- Benefits: High-performance crawling framework
- Asynchronous request handling
- Built-in mechanisms to avoid blocking
- Integrated job scheduling

Newspaper3k (Python)

- Benefits: Specialized library for news extraction
- Automatic extraction of dates, headlines, text, and images
- Built-in multi-language support

Preprocessing and Categorization Tools

spaCy / NLTK (Python)

- Benefits: Powerful NLP toolkits
- Tokenization, lemmatization, POS tagging
- Named Entity Recognition (NER) for extracting geolocations

Hugging Face Transformers

- Benefits: State-of-the-art text classification models
- High accuracy for incident/non-incident categorization
- Pre-trained models for various languages

LangChain / LlamaIndex

- Benefits: Frameworks for working with LLMs
- Simplify integration and queries to LLMs for geolocation extraction
- Ability to create custom information processing chains

Data Storage Tools (MongoDB)

MongoDB Atlas

- Benefits: Cloud solution with flexible scaling
- Geospatial indexes for fast searching
- Integration with MongoDB Charts for analytics

Mongoose (for Node.js)

- Benefits: ODM for convenient MongoDB operations
- Data schema validation
- Simplifies complex database queries

MongoDB Compass

- Benefits: GUI for visual database management
- Query analysis and optimization
- Data and schema visualization

Map Visualization Tools

Mapbox

- Benefits: High-quality maps with flexible customization
- Excellent performance with large numbers of markers
- SDKs for web and mobile applications

Leaflet.js

- Benefits: Lightweight JavaScript library
- Open source
- Large collection of plugins for additional functionality

Deck.gl + React Map GL

- Benefits: High-performance WebGL visualization
- Works well with large volumes of data
- React integration for building interactive interfaces

Geocoding APIs (Additional)

OpenStreetMap Nominatim

- Benefits: Free geocoding service
- Open source
- Global coverage

Google Maps Geocoding API

- Benefits: High geocoding accuracy

- Support for structured and unstructured addresses
- Good documentation and support

This combination of tools will ensure reliable operation of all system components and enable efficient parsing, processing, storage, and visualization of incident data from regional news sources.