

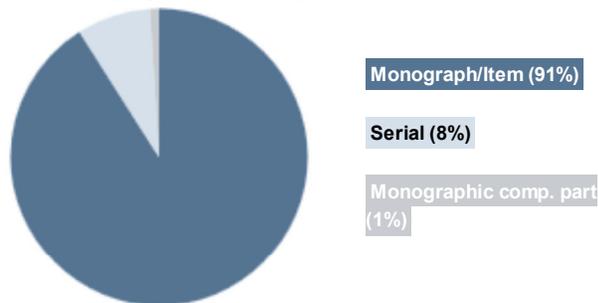
Federal Library Bibliographic Record Analysis
2014

NOAA Library and Information Network National Oceanic and Atmospheric Administration

<http://www.lib.noaa.gov>

The NOAA Library and Information Network consists of 28 libraries located throughout the United States. These libraries serve primarily NOAA staff. The NOAA Central Library, located in Silver Spring, MD, is the largest library with roughly half of the holdings in the system. NOAA libraries collect materials and provides access to electronic resources in a variety of subject areas that reflect NOAA's research in marine sciences, atmospheric sciences, fisheries, geodesy, and in related disciplines.

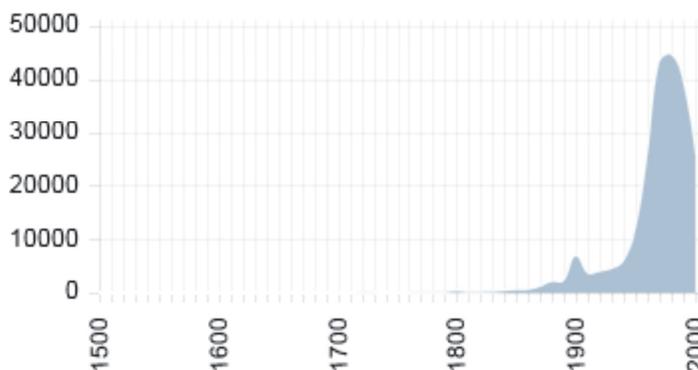
Bibliographic level as percent of total records



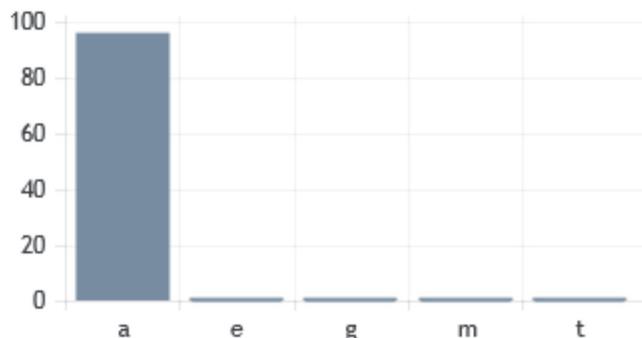
227,672

total records

Bibliographic records by date of publication



Type of record as percent of total records



a = Language material (96%)
 e = Cartographic material (1%)
 g = Projected medium (1%)
 m = Computer file (1%)
 t = Manuscript language material (1%)

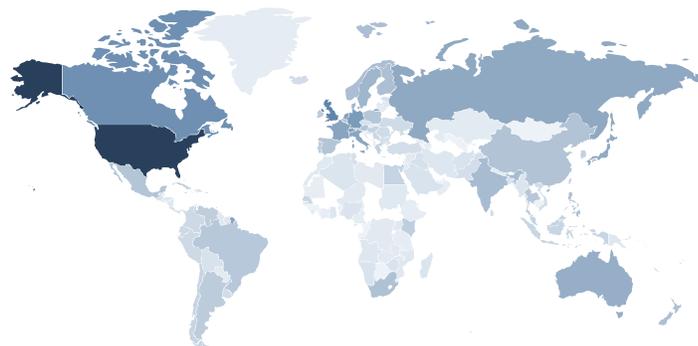
Ten most commonly occurring main titles

1. annual report (274)
2. proceedings (269)
3. noaa deepwater horizon response image collection (157)
4. species profiles (133)
5. physical and chemical data (131)
6. report (108)
7. sectional aeronautical chart (107)
8. subsurface response to the deepwater horizon oil spill in the gulf of mexico (101)
9. airport obstruction chart (91)
10. bulletin (90)

Top 10 languages of publication

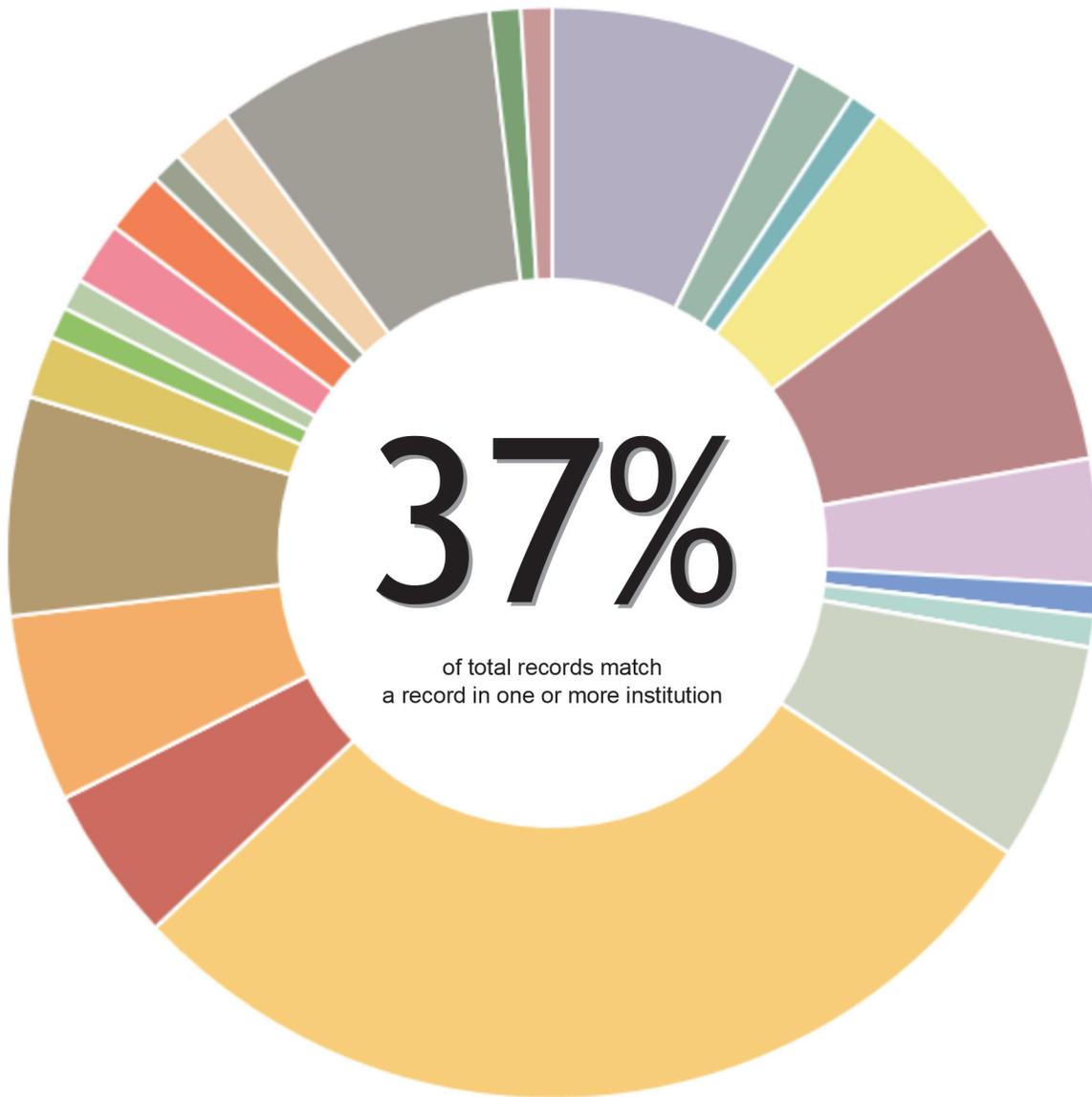
language	number of records
English	212,474
French	3,091
German	3,028
Russian	2,253
Spanish	2,086
Undetermined	1,004
Italian	864
Japanese	507
Portuguese	407
Dutch	272

Country of publication



1 record 153,272 records

NOAA Library and Information Network

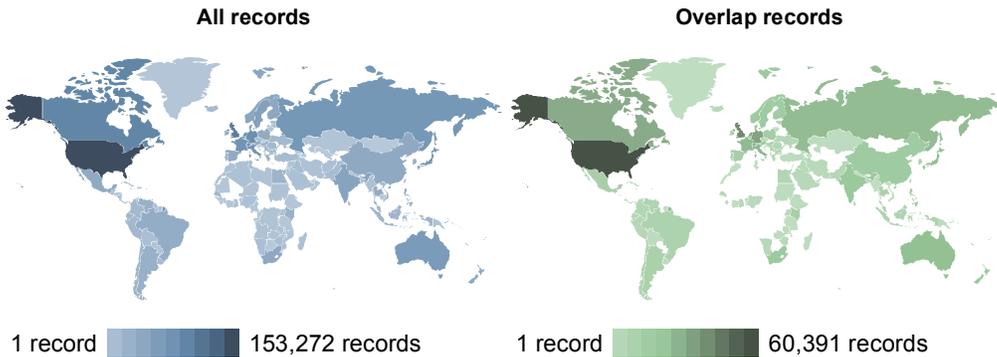


Percent of total bibliographic records matching, by institution

USAFA 7.86%	USDKL 7.89%	USGCM 0.16%	USNAV 6.71%	USNIH 2.23%	USUSU 0.62%
USAFB 0.06%	USEPA 4.28%	USGSL 7.42%	USNCI 0.46%	USNLM 2.30%	USWHS 0.89%
USAIR 1.64%	USFDA 0.73%	USLOC 30.99%	USNDD 2.35%	USNTL 1.06%	
USARL 0.62%	USFHA 0.08%	USMAL 5.26%	USNDN 0.76%	USNWC 1.63%	
USCGA 4.76%	USFSL 0.80%	USMCU 0.50%	USNFS 0.52%	USSIL 8.75%	

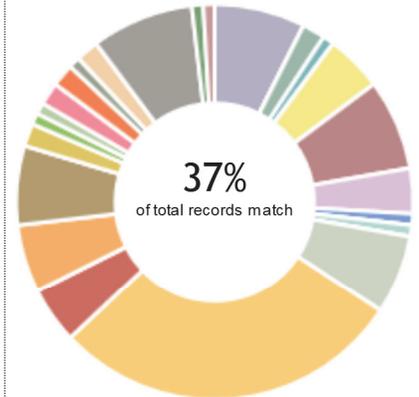
All Years

Country of publication

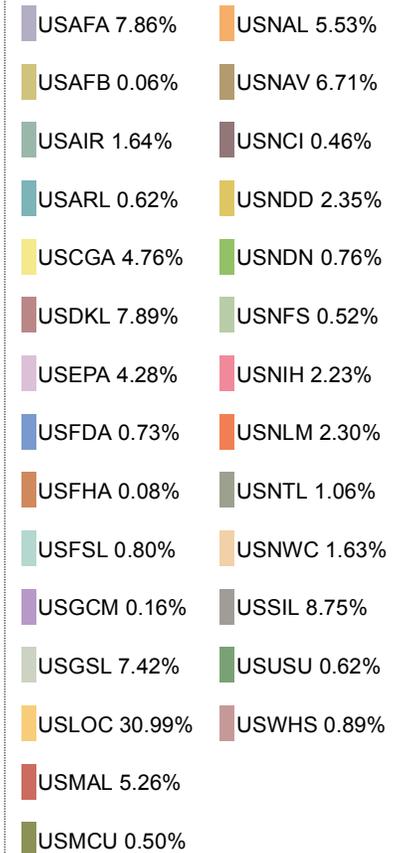


227,672

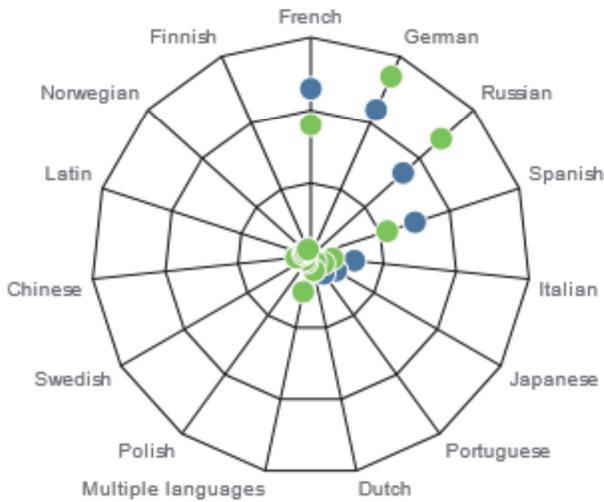
total records



Percent of total bibliographic records matching, by institution



Language of publication (chart excludes English and Undetermined)



All | Overlap records

English (212,474 | 82,103)
Undetermined (1,004 | 51)

French (3,091 | 372)
German (3,028 | 571)
Russian (2,253 | 502)
Spanish (2,086 | 230)
Italian (864 | 67)
Japanese (507 | 42)
Portuguese (407 | 24)
Dutch (272 | 41)
Multiple languages (200 | 94)
Polish (199 | 27)
Swedish (188 | 16)
Chinese (164 | 41)
Latin (153 | 13)
Norwegian (132 | 26)
Finnish (104 | 22)

Frequently occurring subject terms

All records	
subject term	records
united states	22,610
congresses	19,534
observations	10,959
meteorology	9,958
periodicals	9,677
research	8,955
environmental aspects	8,760
oceanography	7,534
fishes	7,499
climate	7,432
fisheries	6,668
alaska	5,623
mathematical models	5,333
measurement	5,227
pollution	4,043
statistics	3,918
fishery management	3,800
bibliography	3,777
maps	3,501
handbooks, manuals, etc	3,484

Overlap records	
subject term	records
united states	10,362
congresses	9,359
periodicals	4,808
environmental aspects	2,677
research	2,090
fishes	2,025
law and legislation	1,922
oceanography	1,631
history	1,584
handbooks, manuals, etc	1,534
pollution	1,524
meteorology	1,495
fisheries	1,475
bibliography	1,290
mathematical models	1,254
climatic changes	1,240
maps	1,238
data processing	1,151
management	1,115
alaska	1,076

18th Century

Country of publication

All records

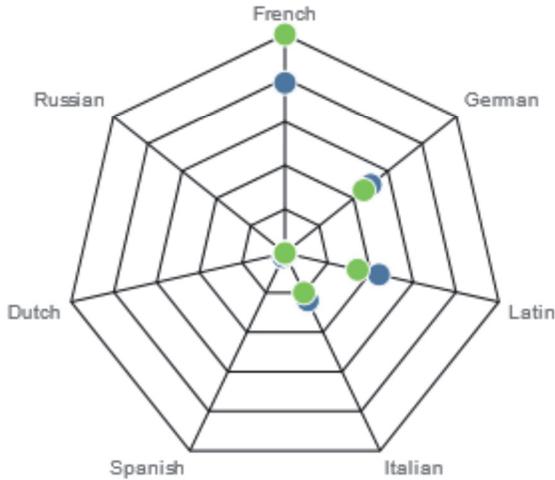
Overlap records



1 record 7 records

1 record 7 records

Language of publication (chart excludes English and Undetermined)



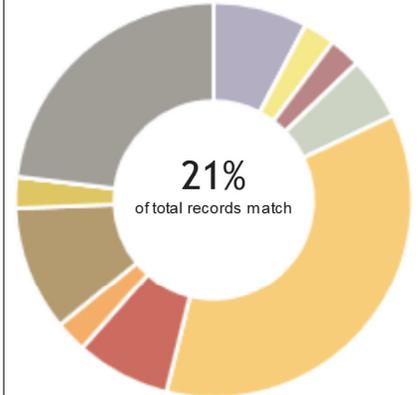
All | Overlap records

English (147 | 42)

French (79 | 15)
 German (52 | 7)
 Latin (45 | 5)
 Italian (24 | 3)
 Spanish (2 | 0)
 Dutch (1 | 0)
 Russian (1 | 0)

351

total records



Percent of total bibliographic records matching, by institution

- USAFA 3.42%
- USAFB 0.00%
- USAIR 0.00%
- USARL 0.28%
- USCGA 0.85%
- USDKL 0.57%
- USEPA 0.28%
- USFCA 0.00%
- USFHA 0.00%
- USFSL 0.00%
- USGCM 0.00%
- USGSL 1.99%
- USLOC 14.25%
- USMAL 3.42%
- USMCU 0.00%
- USNAL 0.57%
- USNAV 3.70%
- USNCI 0.00%
- USNDD 0.85%
- USNDN 0.00%
- USNFS 0.00%
- USNIH 0.28%
- USNLM 0.00%
- USNTL 0.00%
- USNWC 0.28%
- USSIL 9.12%
- USUSU 0.00%
- USWHS 0.00%

Frequently occurring subject terms

All records

subject term	records
early works to 1800	261
meteorology	54
astronomy	26
science	23
observations	22
thermometers	18
air	17
barometers	16
weather	16
electricity	15
mathematics	15
weather forecasting	14
early works to 1850	13
periodicals	12
great britain	11
history	11
description and travel	10
lightning	10
navigation	10
hygrometry	9

Overlap records

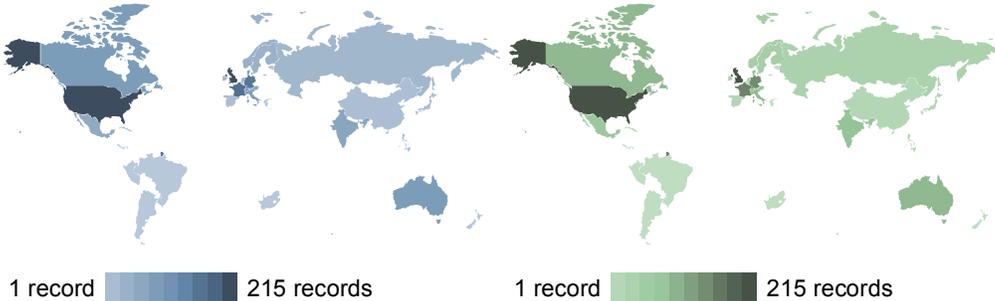
subject term	records
early works to 1800	48
meteorology	12
periodicals	8
science	8
astronomy	6
description and travel	6
air	4
electricity	4
great britain	4
voyages and travels	4
atmospheric electricity	3
history	3
hygrometry	3
lightning	3
mathematics	3
natural history	3
navigation	3
observations	3
optics	3
peru	3

19th Century

Country of publication

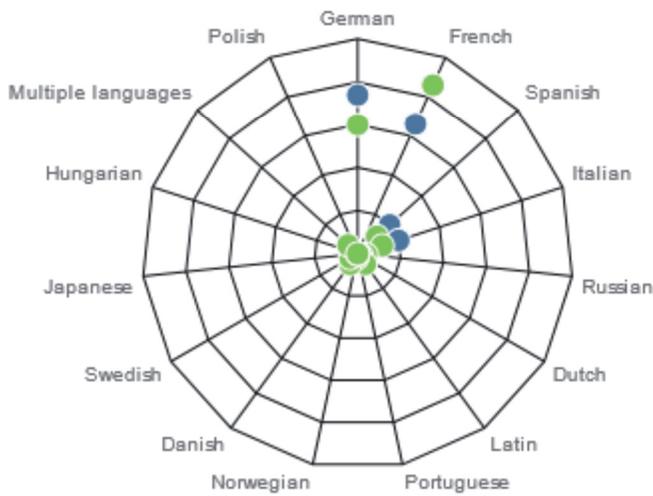
All records

Overlap records



Language of publication

(chart excludes English and Undetermined)



All | Overlap records

English (5,313 | 1,150)
Undetermined (103 | 0)

German (590 | 56)
French (522 | 80)
Spanish (165 | 12)
Italian (164 | 12)
Russian (31 | 3)
Dutch (25 | 2)
Latin (23 | 5)
Portuguese (18 | 0)
Norwegian (14 | 2)
Danish (11 | 5)
Swedish (10 | 3)
Japanese (10 | 0)
Hungarian (7 | 0)
Multiple languages (6 | 5)
Polish (5 | 0)

Frequently occurring subject terms

All records

topic	records
meteorology	1,085
observations	865
periodicals	752
climate	683
united states	531
atmospheric temperature	410
winds	382
precipitation (meteorology)	359
atmospheric pressure	315
rain and rainfall	243
fishes	225
description and travel	216
humidity	216
history	208
astronomy	197
geodesy	163
cloudiness	161
science	149
geomagnetism	146
surveying	137

Overlap records

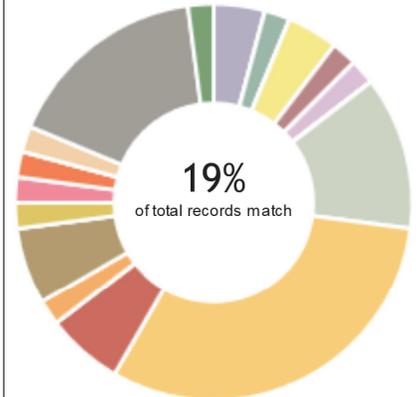
topic	records
periodicals	266
meteorology	176
climate	107
united states	101
description and travel	97
observations	78
science	78
history	65
statistics	56
astronomy	53
natural history	48
alaska	38
discovery and exploration	38
arctic regions	36
geodesy	35
pilot guides	34
winds	33
atmospheric temperature	30
navigation	30
mathematics	29

Individual Report

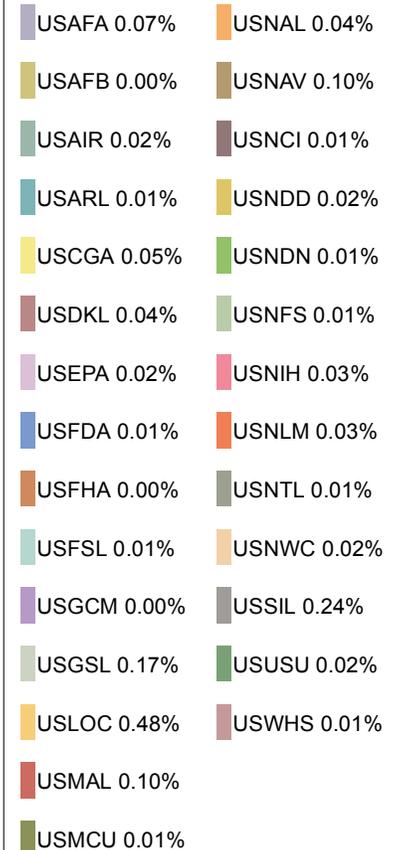
Federal Library Bibliographic Record Analysis - 2014

7,027

total records



Percent of total bibliographic records matching, by institution

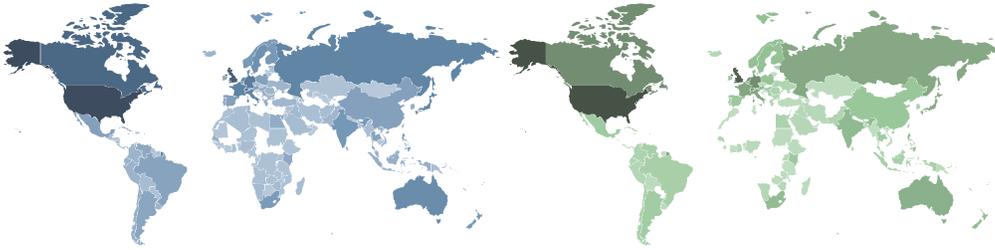


20th Century

Country of publication

All records

Overlap records

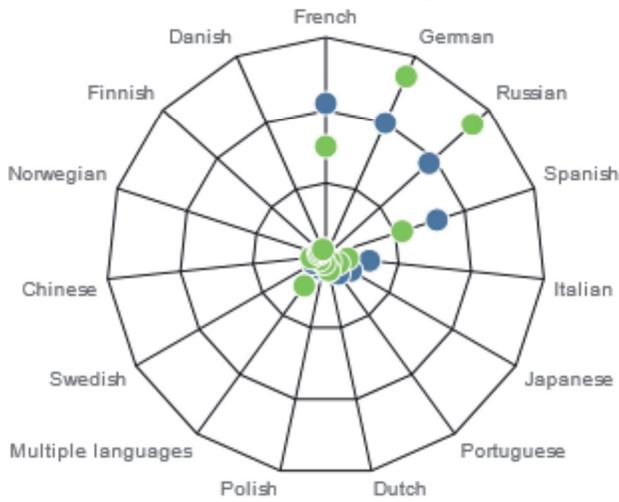


1 record 30,713 records

1 record 11,856 records

Language of publication

(chart excludes English and Undetermined)



All | Overlap records

English (176,147 | 65,747)
Undetermined (541 | 24)

French (2,416 | 275)
German (2,294 | 495)
Russian (2,137 | 489)
Spanish (1,769 | 205)
Italian (643 | 46)
Japanese (460 | 34)
Portuguese (376 | 23)
Dutch (236 | 39)
Polish (194 | 27)
Multiple languages (188 | 87)
Swedish (170 | 13)
Chinese (150 | 35)
Norwegian (105 | 24)
Finnish (101 | 20)
Danish (80 | 16)

Frequently occurring subject terms

All records

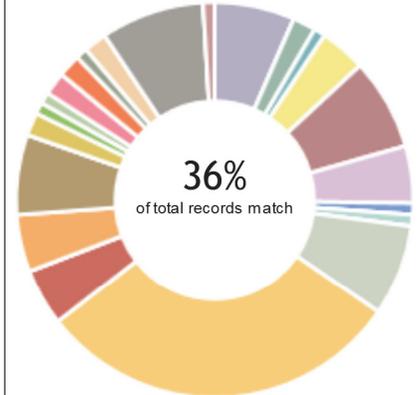
Overlap records

subject term	records
congresses	16,893
united states	15,422
observations	9,128
periodicals	8,165
meteorology	8,157
research	6,666
fishes	6,467
oceanography	6,421
climate	6,317
environmental aspects	6,118
fisheries	5,493
alaska	4,622
measurement	4,358
mathematical models	4,243
bibliography	3,507
pollution	3,402
statistics	3,206
water	2,820
handbooks, manuals, etc	2,687
coastal zone management	2,674

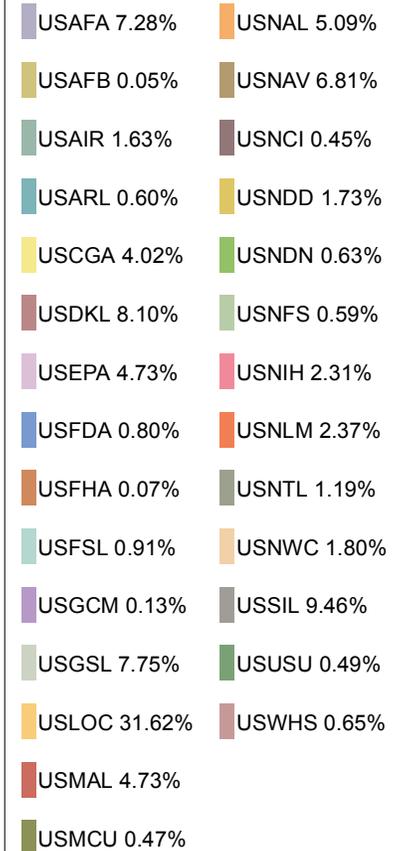
subject term	records
congresses	8,330
united states	6,295
periodicals	4,151
fishes	1,737
environmental aspects	1,697
research	1,409
oceanography	1,400
pollution	1,241
bibliography	1,233
fisheries	1,233
handbooks, manuals, etc	1,182
meteorology	1,156
history	1,107
law and legislation	1,053
data processing	883
mathematical models	861
statistics	858
alaska	850
maps	815
ecology	792

188,441

total records

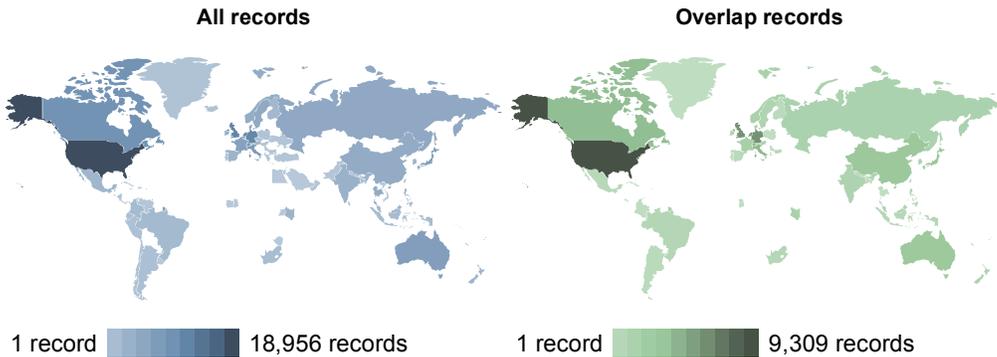


Percent of total bibliographic records matching, by institution



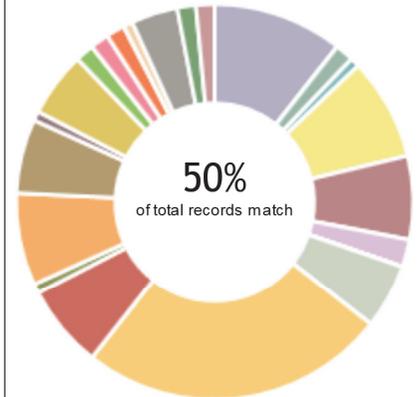
21st Century - the first decade

Country of publication

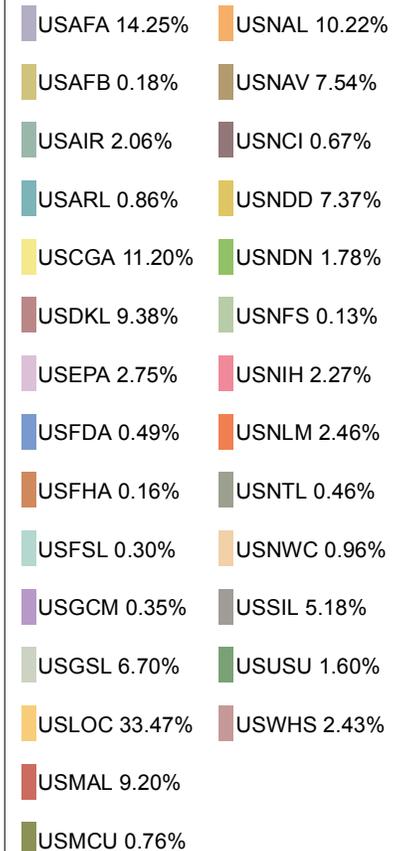


27,318

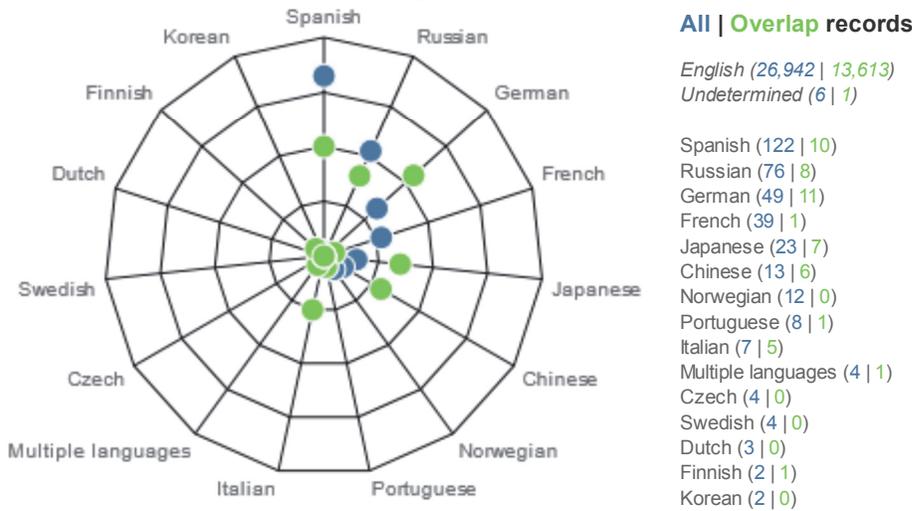
total records



Percent of total bibliographic records matching, by institution



Language of publication (chart excludes English and Undetermined)

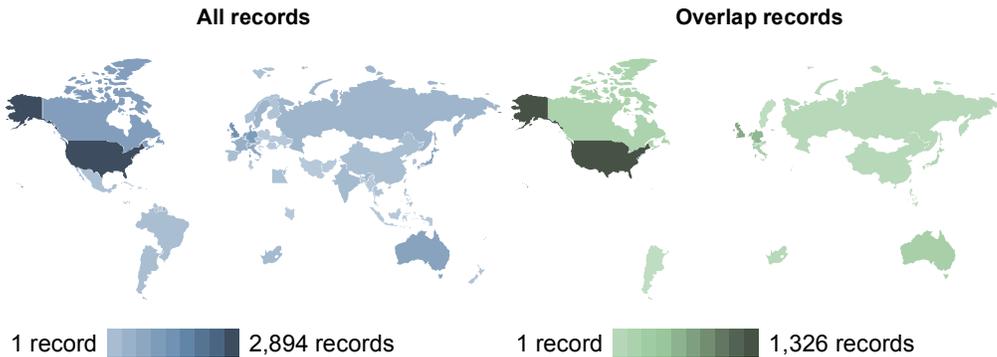


Frequently occurring subject terms

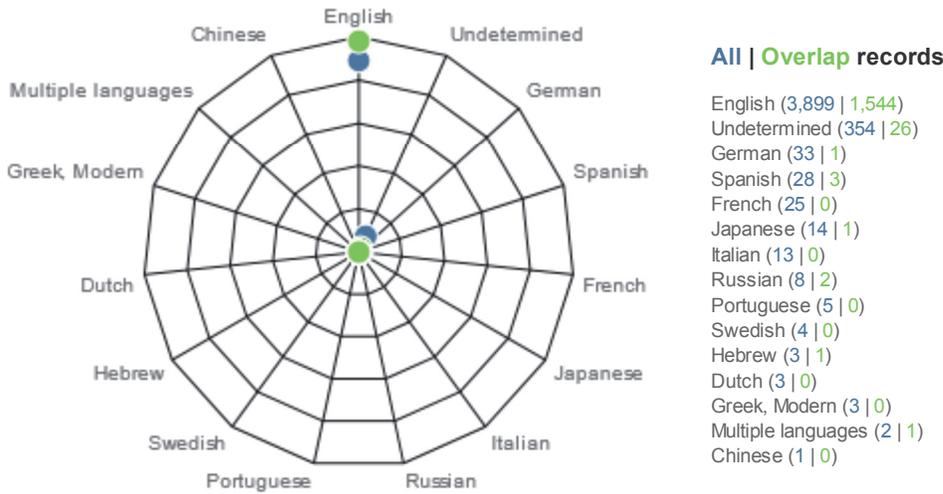
All records		Overlap records	
subject term	records	subject term	records
united states	5,421	united states	3,239
congresses	2,435	congresses	985
environmental aspects	2,262	environmental aspects	848
research	1,807	law and legislation	754
management	1,328	research	596
mexico, gulf of	1,287	climatic changes	572
climatic changes	1,212	government policy	495
underwater exploration	1,096	management	489
law and legislation	1,008	maps	381
fishery management	1,000	history	372
mathematical models	951	mathematical models	356
north atlantic ocean	951	periodicals	342
government policy	907	handbooks, manuals, etc	309
oceanography	889	economic aspects	304
observations	821	fishery management	259
fisheries	808	pollution	247
alaska	756	data processing	242
maps	713	finance	237
fishes	696	fishes	235
conservation	693	prevention	217

Other (pre-1500, post-2010, or insufficient information)

Country of publication



Language of publication

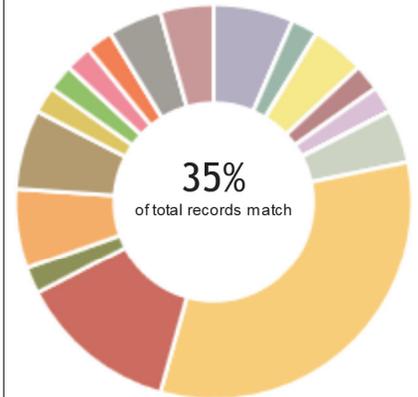


Frequently occurring subject terms

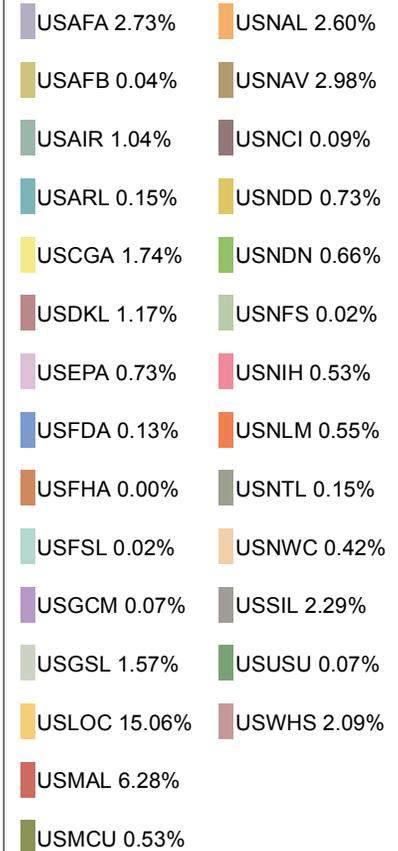
All records	
subject term	records
united states	1,231
government policy	450
research	447
environmental aspects	380
underwater exploration	353
conservation	289
mexico, gulf of	288
environmental impact analysis	283
fishery management	271
environmental impact statements	256
management	248
fisheries	246
environmental policy	208
north atlantic ocean	199
deep sea corals	194
ocean bottom	179
oil spills	177
scientific expeditions	173
habitat	158
remote sensing	155

Overlap records	
subject term	records
united states	724
government policy	169
environmental aspects	132
law and legislation	114
climatic changes	95
research	78
economic aspects	66
prevention	66
management	65
finance	62
oil spills	50
bp deepwater horizon explosion and oil spill, 2010	49
security measures	45
fisheries	38
periodicals	38
fishes	37
mathematical models	36
pollution	36
congresses	35
forecasting	35

4,535
total records



Percent of total bibliographic records matching, by institution



NOAA Library and Information Network

Top 100 Library of Congress and National Library of Medicine Classifications**

{ Library of Congress/National Library of Medicine Classification and description (number of records mapped to classification) }

- | | | |
|--|--|--|
| 1. QC Physics (43,405) | 34. HE Transportation and communications (820) | 65. BF Psychology (187) |
| 2. SH Aquaculture. Fisheries. Angling (21,894) | 35. QR Microbiology (818) | 66. WA Public Health (185) |
| 3. GC Oceanography (19,689) | 36. C Auxiliary Sciences of History (General) (706) | 67. TS Manufacturing engineering. Mass production (179) |
| 4. QL Zoology (12,126) | 37. TN Mining engineering. Metallurgy (681) | 68. HJ Public finance (153) |
| 5. QH Natural history Biology (11,810) | 38. TP Chemical technology (680) | 69. K Law in general. Comparative and uniform law. Jurisprudence (152) |
| 6. QA Mathematics (8,313) | 39. SK Hunting (642) | 70. PN Literature (General) (143) |
| 7. M Music (6,826) | 40. GA Mathematical geography. Cartography (594) | 71. UG Military engineering. Air forces (134) |
| 8. TD Environmental technology. Sanitary engineering (6,481) | 41. TJ Mechanical engineering and machinery (540) | 72. HQ The family. Marriage. Women (127) |
| 9. GB Physical geography (6,394) | 42. RC Internal medicine (540) | 73. LB Theory and practice of education (126) |
| 10. Q Science (General) (5,546) | 43. SB Horticulture. Plant propagation. Plant breeding (524) | 74. QV Pharmacology (126) |
| 11. TK Electrical engineering. Electronics. Nuclear engineering (4,435) | 44. VM Naval architecture. Shipbuilding. Marine engineering (503) | 75. DS Asia (125) |
| 12. QB Astronomy (4,323) | 45. SD Forestry. Arboriculture. Silviculture (499) | 76. QZ Pathology (120) |
| 13. QE Geology (4,035) | 46. JK Political institutions and public administration (United States) (462) | 77. HG Finance (112) |
| 14. KF United States (3,895) | 47. E American History (456) | 78. LD Individual institutions United States (110) |
| 15. G Geography (General). Atlases. Maps (3,833) | 48. HV Social pathology. Social and public welfare. Criminology (439) | 79. PC Romanic languages (100) |
| 16. Z Books (General). Writing. Paleography. Book industries and trade. Libraries. Bibliography (3,392) | 49. TX Home economics (383) | 80. HM Sociology (General) (97) |
| 17. TC Hydraulic engineering. Ocean engineering (3,315) | 50. JX International law, see JZ and KZ (obsolete) (369) | 81. RM Therapeutics. Pharmacology (97) |
| 18. TA Engineering Civil engineering (General) . (2,904) | 51. SF Animal husbandry. Animal science (346) | 82. PG Slavic languages and literatures. Baltic languages. Albanian language (91) |
| 19. TL Motor vehicles. Aeronautics. Astronautics (2,827) | 52. HA Statistics (337) | 83. WL Nervous System (89) |
| 20. HD Industries. Land use. Labor (2,626) | 53. QU Biochemistry. Cell Biology and Genetics (327) | 84. DU Oceania (South Seas) (87) |
| 21. VK Navigation. Merchant marine (1,856) | 54. PE English language (296) | 85. H Social sciences (General) (82) |
| 22. QD Chemistry (1,745) | 55. TH Building construction (280) | 86. GN Anthropology (82) |
| 23. QK Botany (1,367) | 56. GV Recreation. Leisure (252) | 87. CC Archaeology (77) |
| 24. S Agriculture (General) (1,307) | 57. AS Academies and learned societies (248) | 88. P Philology. Linguistics (70) |
| 25. QP Physiology (1,244) | 58. HB Economic theory. Demography (243) | 89. D History (General) (67) |
| 26. HT Communities. Classes. Races (1,200) | 59. RB Pathology (238) | 90. QM Human anatomy (65) |
| 27. F Local History of the United States and British, Dutch, French, and Latin America (1,108) | 60. GF Human ecology. Anthropogeography (237) | 91. UA Armies: Organization, distribution, military situation (64) |
| 28. GE Environmental Sciences (1,093) | 61. TR Photography (229) | 92. PL Languages and literatures of Eastern Asia, Africa, Oceania (62) |
| 29. HC Economic history and conditions (1,083) | 62. QW Microbiology and Immunology (224) | 93. PS American literature (62) |
| 30. T Technology (General) (997) | 63. V Naval science (General) (205) | 94. U Military science (General) (61) |
| 31. HF Commerce (915) | 64. R Medicine (General) (188) | 95. VF Naval ordnance (59) |
| 32. RA Public aspects of medicine (892) | | 96. PZ Fiction and juvenile belles lettres (57) |
| 33. W General Medicine. Health Professions (869) | | 97. TE Highway engineering. Roads and pavements (55) |
| | | 98. RS Pharmacy and materia medica (55) |
| | | 99. NA Architecture (54) |
| | | 100. HN Social history and conditions. Social problems. Social reform (53) |

**The use of Library of Congress (LCC) and National Library of Medicine (NLMC) classifications for topical analysis is experimental and intended to demonstrate future potential for topical analysis. In addition to the MARC 050 and 060 fields, other, non-standard fields, which contained LCC and NLM numbers were also used.

NOAA Library and Information Network

Top 100 Dewey Decimal Classifications**

{ Dewey Decimal Classification and description (number of records mapped to classification) }

1. 551 Geology, hydrology, meteorology (5,411)	34. 550 Earth sciences (293)	68. 543 Analytical chemistry (147)
2. 639 Hunting, fishing, conservation (2,208)	35. 301 Sociology & anthropology (279)	69. 602 Miscellany (143)
3. 574 Not assigned or no longer used (2,157)	36. 910 Geography & travel (254)	70. 660 Chemical engineering (140)
4. 333 Land economics (2,059)	37. 594 Mollusca & Molluscoidea (254)	71. 004 Data processing & computer science (139)
5. 597 Cold-blooded vertebrates, fish (1,578)	38. 353 Of U.S. federal & state governments (253)	72. 919 Other history areas (133)
6. 363 Other social problems & services (1,380)	39. 523 Specific celestial bodies & phenomena (247)	73. 571 Physiology (133)
7. 519 Probabilities & applied mathematics (1,171)	40. 576 Genetics and evolution (243)	74. 630 Agriculture (130)
8. 621 Applied physics (1,109)	41. 575 Physiological systems of plants (240)	75. 535 Light & parafotic phenomena (130)
9. 591 Zoology (1,077)	42. 341 International law (239)	76. 387 Water, air, space transportation (130)
10. 628 Sanitary & municipal engineering (896)	43. 517 Not assigned or no longer used (238)	77. 578 Natural history of organisms (126)
11. 005 Computer programming, programs & data (833)	44. 627 Hydraulic engineering (230)	78. 631 Techniques, equipment, materials (126)
12. 338 Production (727)	45. 581 Botany (230)	79. 537 Electricity & electronics (120)
13. 016 Bibliographies of works on specific subjects (646)	46. 532 Fluid mechanics; Liquid mechanics (218)	80. 539 Modern physics (118)
14. 595 Other invertebrates (631)	47. 808 Rhetoric & collections of literature (214)	81. 531 Classical mechanics; Solid mechanics (118)
15. 599 Mammalia (Mammals) (602)	48. 347 Civil procedure & courts (212)	82. 538 Magnetism (117)
16. 001 Knowledge (586)	49. 917 North America (208)	83. 579 Microorganisms, fungi, algae (116)
17. 616 Diseases (564)	50. 592 Invertebrates (205)	84. 636 Animal husbandry (115)
18. 658 General management (545)	51. 512 Algebra & number theory (202)	85. 632 Plant injuries, diseases, pests (113)
19. 530 Physics (400)	52. 664 Food technology (200)	86. 343 Military, tax, trade, industrial law (111)
20. 620 Engineering & Applied operations (399)	53. 508 Natural history (186)	87. 634 Orchards, fruits, forestry (111)
21. 526 Mathematical geography (374)	54. 590 Zoological sciences/Animals (186)	88. 344 Social, labor, welfare, & related law (108)
22. 025 Library operations (347)	55. 547 Organic chemistry (185)	89. 622 Mining & related operations (98)
23. 598 Aves (Birds) (344)	56. 500 Natural sciences & mathematics (179)	90. 624 Civil engineering (97)
24. 577 Ecology (343)	57. 799 Fishing, hunting, shooting (179)	91. 511 General principles (96)
25. 553 Economic geology (340)	58. 500 Sciences (179)	92. 331 Labor economics (93)
26. 629 Other branches of engineering (325)	59. 346 Private law (174)	93. 423 English dictionaries (91)
27. 623 Military & nautical engineering (325)	60. 557 Earth sciences of North America (165)	94. 979 General history of North America; Great Basin & Pacific Slope (90)
28. 912 Graphic representations of earth (319)	61. 614 Incidence & prevention of disease (162)	95. 546 Inorganic chemistry (86)
29. 515 Analysis (315)	62. 330 Economics (161)	96. 641 Food & drink (84)
30. 510 Mathematics (308)	63. 572 Biochemistry (159)	97. 311 No longer used formerly Theory and methods (80)
31. 612 Human physiology (306)	64. 596 Vertebrata (Craniata, Vertebrates) (159)	98. 304 Factors affecting social behavior (79)
32. 589 Forestry (302)	65. 006 Special computer methods (155)	99. 651 Office services (78)
33. 615 Pharmacology and therapeutics	66. 593 Protozoa, Echinodermata, related phyla (149)	100. 540 Chemistry & allied sciences (78)
	67. 541 Physical & theoretical chemistry	

**The use of Dewey Decimal classifications for topical analysis is experimental and intended to demonstrate future potential for topical analysis. In addition to the MARC 082 field, other, non-standard fields, which contained Dewey Decimal Classification numbers were also used.