Artesian Wells **[1]**

Select rating Average: 4 (1 vote)

Rate

Artesian Wells

by William S. Powell [2], 2006

Artesian wells, more abundant in southern North Carolina than in the state's northern counties, consist of ground water sufficiently concentrated and under enough natural pressure to flow to the surface through fabricated pipes without need of artificial pumping. Through these pipes, inserted at precise locations, steady streams of water flow at rates of 8 to 400 gallons per hour. The depth of artesian wells ranges from 50 to 350 feet; the temperature of the water is constant year round, but the quality of the water varies. In North Carolina, examples of successful artesian wells may be found in Brunswick [3], Columbus [4], Craven [5], Cumberland [6], Duplin [7], New Hanover [8], Pamlico [9], Pender [10], Richmond [11], Sampson [12], and Wayne [13] Counties.

Additional Resources:

Health Bulletin, 1907-1908, NCDCR Digital Collections:
http://digital.ncdcr.gov/cdm4/document.php?CISOROOT=/p249901coll22&CISOPTR=257366&REC=1 [14]

Biennial Reports of the North Carolina State Board of Health:
http://digital.ncdcr.gov/cdm4/document.php?CISOROOT=/p249901coll22&CISOPTR=257341&REC=2 [15]

Learn NC, diagram of Artesian Well:http://www.learnnc.org/lp/multimedia/5695 [16]

Subjects: Natural resources [17]
UNC Press [18]
Authors: Powell, William S. [19]
Origin - location: Richmond County [20]
Columbus County [21]
Brunswick County [22]
Cumberland County [23]
Pender County [24]
New Hanover County [25]
Sampson County [26]
Duplin County [27]
Wayne County [28]
Craven County [29]
Pamlico County [30]
From: Encyclopedia of North Carolina, University of North Carolina Press. [31]

1 January 2006 | Powell, William S.

Source URL: http://ncpedia.org/artesian-wells

Links:
[1] http://ncpedia.org/artesian-wells

[2] http://ncpedia.org/biography/powell-william
[3] http://ncpedia.org/geography/brunswick
[4] http://ncpedia.org/geography/columbus
[5] http://ncpedia.org/geography/craven
[6] http://ncpedia.org/geography/cumberland
[7] http://ncpedia.org/geography/duplin
[8] http://ncpedia.org/geography/new-hanover
[9] http://ncpedia.org/geography/pamlico
[10] http://ncpedia.org/geography/pender
[11] http://ncpedia.org/geography/richmond
[12] http://ncpedia.org/geography/sampson
[13] http://ncpedia.org/geography/wayne
[14] http://digital.ncdcr.gov/cdm4/document.php?CISOROOT=/p249901coll22&CISOPTR=257366&REC=1
[15] http://digital.ncdcr.gov/cdm4/document.php?CISOROOT=/p249901coll22&CISOPTR=257341&REC=2
[16] http://www.learnnc.org/lp/multimedia/5695
[17] http://ncpedia.org/category/subjects/natural-resources
[18] http://ncpedia.org/category/subjects/unc-press
[19] http://ncpedia.org/category/authors/powell-william-s-0
[20] http://ncpedia.org/category/origin-location/piedmon-26
[21] http://ncpedia.org/category/origin-location/coastal--2
[22] http://ncpedia.org/category/origin-location/brunswick-
[23] http://ncpedia.org/category/origin-location/coastal--4
[24] http://ncpedia.org/category/origin-location/coastal--6
[25] http://ncpedia.org/category/origin-location/coastal--7
[26] http://ncpedia.org/category/origin-location/coastal--8
[27] http://ncpedia.org/category/origin-location/coastal--9
[28] http://ncpedia.org/category/origin-location/coastal-12
[29] http://ncpedia.org/category/origin-location/coastal-16
[30] http://ncpedia.org/category/origin-location/coastal-23
[31] http://ncpedia.org/category/entry-source/encyclopedia-