

NEW INDUSTRIES.

Enterprises of Various Kinds to be Put in Operation and Things Likely to be Done at an Early Day—Rip Van Winkle Cannot Stay in the Old No Th State.

Reidsville—Whitsett & Law will start a cigar factory.

New Berne—The construction of water works is talked of.

Monroe—C. W. Laney is developing a gold mine, as lately reported.

Durham—W. J. Wyatt has, as stated last week, started a sorghum mill.

Reidsville—William Lindsey & Co. will, it is reported, enlarge their cigar factory.

Tarboro—E. A. Parmele has secured site and will, it is stated, erect a planing mill.

West Asheville—W. E. Logan will, it is reported, put new machinery in his flour mill.

Murphy—A talc mine will, it is reported, be developed. Mr. Hyatt can give information.

Durham—The Durham Fertilizer Co. has, it is stated, put new machinery in its fertilizer factory.

Washington—The Stran Lumber Co. has, it is reported, put new machinery in its lumber mill.

New Berne—Greenbaum Bro., of Seaford, Del., will erect the oyster canning factory mentioned in last issue.

Waynesville—A stock company is reported as being organized to erect the furniture factory previously mentioned.

Durham—W. A. Guthrie and others have purchased a tract of land near Durham and are developing brown stone quarry.

Marion—The city has decided by a popular vote to issue the \$10,000 worth of street improvement bonds mentioned in last issue.

Winston—F. J. Sprague, E. H. Johnson, J. W. Wingate and others have organized the stock company previously reported as to erect an ice factory.

Payetteville—N. G. Wade, A. H. Slocum, A. E. Rankin and others have incorporated the Carolina Lumber & Transportation Co. to deal in lumber, timber, etc.

Monbo—The Long Island Cotton Mill, lately mentioned, has been incorporated by G. H. Brown and J. S. Ramsay, of Staeville, and James Brown. The capital stock is \$35,000.

Hester's Store—New York capitalists have, it is stated, organized a stock company to build a new town and contemplate the erection of an electric light plant.

Hendersonville—Dr. George W. Reynolds, of Sandy Bottom, is part owner of the gold mine on the property of J. D. Corn, previously referred to, and is making efforts to organize a stock company to develop same.

HOW RAIN IS FORMED.

The old and celebrated theory first advocated by Dr. Hutton, that rain is produced by a mingling of strata of air of different temperatures and containing different amounts of moisture, is no longer entertained by meteorologists. Cold and warm currents cannot mix, and could only produce between thin layers of clouds, the vapor condensed being insufficient to fall as rain. Epsy, some forty years ago, suggested the true theory. Rain is formed by ascending currents of moist air. If from any cause a mass of air takes an upward movement, as it ascends it comes under less pressure, expands and is consequently cooled. It has been found that the rate of cooling is about one degree for each hundred yards of ascent. In the condensation of the moisture after ascending there results: First, the formation of a cloud with its center bulging far above the edges, as in the common thunder clouds; next, some of the cloud particles mingle into small drops which are carried upwards by the rising column of air until they combine with others produced higher up, and form drops too large to be supported and then fall as rain. This theory fully explains why heavier rains fall on the slopes of the mountains in Western North Carolina than in the central plane, for the prevailing winds during nearly the entire year blow towards the mountains and are by them deflected upwards, cooled, and deposit much of their moisture on the eastern slope.—C. F. von Herrmann, Meteorologist, N. C. Experiment Station.

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Three thousand yards Worsted Dress Goods, from 10c. per yard.

Children's Merino Vests and Pants from 17c. each.

Ladies Merino Vests for 30c. each.

Three hundred pairs Kid Gloves, \$1 per pair; best in the State.

All kinds of Ladies Hats, Ribbons, Feathers, Birds, Wings, &c.

Our shoe department is complete. Babies shoes from 35c.

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Crockery, Glassware, Wooden Ware, Toys, Fancy Goods, Lamps, &c., in endless variety and very cheap.

All our goods are marked in plain figures, and one price to all our customers.

Any customer who buys \$20 worth of goods in three months' time, we make them a present of a valuable book valued at \$6.

PIEDMONT AIR-LINE, RICHMOND & DANVILLE R. R. CO.

Condensed Schedule, corrected to May 18th, 1890.

SOUTHBOUND, DAILY.

Table with columns for station names and departure/arrival times for southbound trains.

NORTHBOUND, DAILY.

Table with columns for station names and departure/arrival times for northbound trains.

BETWEEN WEST POINT, RICHMOND AND RALEIGH.

Table with columns for station names and departure/arrival times for trains between West Point, Richmond, and Raleigh.

*Daily except Sunday. *Daily. *Daily, except Monday.

Additional train leaves Oxford daily except Sunday 11.00 a. m., arrive Henderson 12.05 p. m., returning leave Henderson 2.10 p. m. daily except Sunday, arrive Oxford 3.15 p. m.

No. 50, leaving Goldsboro 2.20 p. m. and Raleigh 4.45 p. m. daily, makes connection at Durham with No. 19, leaving at 6.00 p. m. daily, except Sunday for Oxford, Henderson, and all points on O. & H., O. & C., and R. & M. Roads.

Passenger coaches run through between West Point and Raleigh, via Keyesville, on Nos. 54 and 102, and 55 and 103.

Nos. 51 and 53 connect at Richmond from and to West Point and Baltimore daily except Sunday.

SLEEPING-CAR SERVICE.

On trains 50 and 51, Pullman Buffet Sleeper between Atlanta and New York, Danville and Augusta, and Greensboro, via Asheville to Morristown, Tenn.

On 52 and 53, Pullman Buffet Sleeper between Washington and New Orleans, via Montgomery, and between Washington and Birmingham, Richmond and Greensboro, Raleigh and Greensboro, and between Washington and Augusta, and Pullman Buffet Sleepers between Washington and Asheville and Hot Springs.

SOL HAAS, W. A. TURK, JAS. L. TAYLOR, Traffic Man, Div. Pass. Agt. Gen. Pass. Agt. RALEIGH, N. C.

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Is a large 8 page weekly devoted to Alliance news, agriculture, horticulture, stock raising, literary and general news. Send for a sample copy. Address: ALLIANCE RECORD, Montezuma, Ga.

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J. H. MEADOWS, Secretary. W. T. MEADOWS, Manager. DIRECTORS:

J. O. W. Pope, Durham county; Jesse W. Brooks, Durham county; P. E. Massey, Durham county; Paul A. Brown, Durham county; W. T. Adams, Granville county; J. J. Meadows, Granville county.

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