

TERMS. Subscription, \$1.50 per annum, if paid in advance...

PENNA. R. R. TIME TABLE.

Table with columns for train names (Philadelphia Express, etc.) and times.

LOCAL INTELLIGENCE.

Down goes the rooster. Snow to the depth of two inches on Monday.

Countersfeit coin half dollars pieces are reported in circulation. J. B. M. Todd is paying 45 cents for railroad ties.

The Normal School will open in this borough April 16, 1877. The English sparrows has found its way west of the mountains.

The Northumberland County National Bank has suspended. The 22nd, Washington's birthday—tomorrow—in law is a holiday.

The colored people of Hollidaysburg have organized a literary society. Four dollars will buy a good Overcoat at Todd's.

Philadelphia Markets.—Wheat \$1.50, Oats \$0.60, Corn \$0.50, Cattle \$4.00, Hogs \$4.00. The Miners' Trust and Safe Deposit Bank at Shamokin has suspended.

The Lewistown papers report another Grange of recent organization in Granville township, Mifflin county. J. B. M. Todd is receiving a nice lot of spring goods, very cheap.

H. H. Brubaker and Samuel Bergy shipped by rail a number of cattle and hogs, east, last Friday. Mr. H. A. Stambaugh purposes withdrawing from mercantile life in the spring.

Last Friday Lewistown was happy in jubilation over the opening of the new bridge across the river. There was a grand parade and all such things. Lewistown papers are agonizing over who printed the mistake, that a boy had swallowed a watch and chain without injury to himself.

Last Friday the Committee on Appropriations of the Lower House of the Legislature, and other Representatives, accompanied by newspaper reporters, left Harrisburg on a visit of examination into the workings of Morgans, the place of the Pennsylvania Reformatory in Washington county.

The Matmuth Store-room in the Bedford Building has been partitioned, and now instead of one room two rooms are provided for store business. For the Stambaugh Mr. A. Van-Fossum will occupy the corner room, in the spring, or as soon as the room is sufficiently ready as a receptacle for store goods.

The young ladies of Lawrenceville 'bull-dog' their male friends into signing the pledge. A month ago, before the signing began, much ink was wasted in vain for a signature. Latterly, on account of a well-stocked market, the price has declined to a hand pressure and a penitence 'dear George'—Pittsburg Dispatch.

Somewhere on Main street, last Saturday, a horse in a light wagon, driven by Frank Stoner, of Fernsbaugh township, in turning cracked a shaft of the vehicle, but it clung together until a point opposite East Point was reached, where it broke off. By the aid of straps the broken shaft was so repaired that Frank thought it safe to proceed home again. The horse was a safe one.

There has been many bank delinquencies within the past few years, but the one that elicits them all took place in the State of Indiana the other day. The cashier made a clean thing of it in that case. He stole the whole bank money, books and all, and ran away, and now his friends want to be charitable and say he was a crazy man. Charity is a good thing, but a prison-house would be a better thing for the runaway.

Some weeks ago the editors of the Democrat and Register incurred expense in the employment of a special artist and engraver to prepare a pictorial sheet on the announcement of Mr. Tilden as President of the United States. But since the Great High Commission has rightfully declared Florida and Louisiana for Mr. Hayes for President, our erring political brethren of the Democrat and Register are disconsolate over the dead stock of artistic cuts.

On the information of President Grant, a Washington journalist has been arrested for advising the murder of Mr. Hayes on inauguration day, and advising rebellion. If the people possessed as foul a spirit as the man who has been advising murder, and rebellion, he would not be honored by trial by a jury of his countrymen.

SABBATH SERVICES.—Next Sunday morning, being the occasion of the Annual Missionary Meeting, appropriate services will be held in the Methodist church. In the morning, at the usual hour (10 o'clock) the Missionary Sermon will be preached by Rev. E. J. Gray, President of Williamsport Dickinson Seminary. In the afternoon, at 2 o'clock, the Sunday School connected with the church will hold missionary services, consisting of brief addresses, prayer and singing. In the evening, commencing at 7 o'clock, a meeting will also be held, embracing platform services—addresses by Rev. E. J. Gray and Superintendent McIlrath, interspersed with singing. The occasion is an important religious one, and the design is to impart to all the interest possible, both to teachers and children, as well as others, whether connected with the immediate church or Sunday School work, or visitors, all of whom are cordially invited to be present.

THE FOLLOWING OBITUARY notice, written by A. L. Guss, Esq., and published in his paper, the Huntingdon Globe, will be read with interest by many who were acquainted with Mr. Angley during his lifetime, and will also be read with interest by those who have no acquaintance with the condition of the country 70 years ago: DIED.—On the 8th of February, 1877, at his residence, in Mifflin township, Juniata county, three and half miles northwest of Mifflintown, HENRY AUGLEY, at the age of 78 years, 10 months and 26 days.

The deceased was a brother of the mother of the Editor of the Globe. He was born on Paxton creek, five miles from Harrisburg, from whence his father removed, in the year 1803, to the place where the son has just died. At that time the country there was an almost unbroken wilderness. There were but eight settlers in all that neighborhood, and no wagon road yet led into Licking Creek Valley. They cut a road out from the river at a point opposite Mifflintown. Grandfather Aughey was accompanied by John Partner and family. As illustrating the life of our ancestors it may be interesting to say that Grandfather brought with him, when he moved up, the first stove that was ever in that valley. It was a ten plate stove, cast by Curtis Grubb at Rowell Furnace. People came from miles around to see this stove—as many of them had as yet never seen a stove. The first limestone land was bought of one McCortch, who could not make a living on it. He had bought of one Calhoun, who had bought it of old John McClellan, who about 1763 took John half of Mifflord township. McClellan sold to John Hardy a tract of land extending west to a line running from the creek to the mountain past the black burnt tree. This included the Aughey farm, but McClellan manufactured a bogus black burnt tree and sold the land to Calhoun. The land, now in two farms, was not deemed worth at that time the trouble of a trip to the county seat to get the title secured.

Uncle Henry Aughey was a man of great energy and industry. He was one of the best and most substantial citizens in that section. He had his peculiarities, but they were eccentricities rather than faults. He was kind to the poor, and honest in all his dealings. He was a rugged, hearty man in his youth, but the wheels of life worn out by age at last ceased to move.

Observe the season of Lent in a reduction of most diet by one-half, and save one-half of the usual amount of spring vegetables. Do not be alarmed, it will not convert you either into a Jew or Catholic. Try it.

ORIENTAL, Pa., Feb. 15, 1877.

Editor Sentinel and Republican:—After a long silence I will endeavor to pen a few items of news from this neighborhood. Business is dull in every department, and people generally seem to be of the opinion that if money does not get plentier, there will be hard times, and your correspondent rather coincides with that opinion. As to that article getting scarce, we have no fears, because there is none circulating now. Notwithstanding all this, people manage to keep in motion, but mostly on more economical plans than heretofore. No doubt the lessons learned by the present stringency in financial matters will be followed by results which will be beneficial to all those to whom education will do any good. We are now being educated in the school of economy, and, no doubt, the lessons learned will in many cases prove to be lasting ones.

Oriental will have a change in the location of the Post Office shortly. Mr. Augustus Dinger has been appointed Post Master in place of H. K. Frymoyer. This will cause a removal of the office to a point better calculated to accommodate the community for which it was established. The change is approved by the people of the neighborhood generally. Mr. Abraham Stroup met with a serious accident the other day. He cut one of his feet with a hatchet that flew out of his hand while using it, making an ugly gash across the instep. He is doing well.

Mr. Frederick B. Stroup, formerly a citizen of Susquehanna township, and at one time engaged in the mercantile business, died a few weeks ago, at Downingtown, Pa. Our new Sheriff, W. D. Walls, Esq., was down here a few weeks ago, holding an inquisition on the lands formerly owned by Ephraim House, deceased, to appraise the dower awarded by the Court to Margaret House, one of the widows of said deceased. The Sheriff was engaged in the inquisition for three days, and during that time a goodly number of our citizens had an opportunity of becoming acquainted with him. He made quite a favorable impression among our citizens. They do not now hate him any more than sheriffs are hated generally.

In the proceedings of our last term of court I see that the Grand Jury recommended to have some kind of work prepared for "tramps," who are now flocking in without number, to be fed at our county jail, at the expense of the tax-payers of the county. In my opinion it would have been better if the Grand Jury had said, "Stop feeding them." These arrangements are all calculated to encourage vagrancy instead of discouraging it. It is not at all amazing to see the country overflowed with such characters, when it is a notorious fact that perfect chains of institutions are prepared throughout the length and breadth of the country, where they will be fed at public expense. The only wonder about the matter is that there are not more of them. In 1875 the tax-payers of the county paid \$750, and last year \$806, for feeding tramps. But Juniata county is not an exception, for so it is in all the counties through which main lines of travel pass. It is an outrage on the people of the whole State. Why is the tramp law allowed to lie a dead letter on the books? Why do not some of your Justices and Constables, who are sworn to maintain the majesty of the law, arrest the tramps and hire them out, as the law provides? If any tramps come around in the country, and are fed, we are told that we have no right to collect from the county; neither would it seem right to send them a distance of twenty-five miles to the county jail to get a meal. If they are worthy at all of our charity—as a few no doubt are—let them be fed wherever they call at meal times, but I am speaking of that innumerable host who are induced to a life of vagrancy by the aforementioned arrangements. As long as the Scriptural injunction holds good that those "who will not work should not eat," just so long these arrangements are in forty-nine cases out of fifty, an ill bestowed charity. Stop this at once, and those who are worthy will be taken care of in the districts where they properly belong, and those who might be more appropriately termed scamps than tramps, would be compelled to find a more honorable means of livelihood, or be taken care of by some other means. Make more arrangements to feed them, and the number will increase daily. Stop it, and they will stay at home.

Yours, &c., AMICUS. Spreading of diphtheria, the Waynesburg Messenger says: "Keep your children in the house and feed them plentifully on onions, as a preventive for diphtheria. We have medical authority for urging this course as one that aids greatly in keeping off the dread disease."

Mifflintown Institute. FOR BOYS AND GIRLS. THE Spring Session (10 weeks) will open in Mifflintown, APRIL 9th. The course of study will be extensive, and adapted to prepare pupils thoroughly for Teaching, Business, or for College.

For the elementary branches, \$7.50. For the higher English branches, \$10.00. For Latin, Greek, French, Book-keeping, Surveying and advanced Mathematics, \$12.50. D. D. STONK, Ph. D., Feb 21 Principal.

Phases of the Political Arena—Prisoners out of Jail on Short Sentences or by Breaking Jail.

In glancing over the various phases that the political arena presents to the observing citizen, he is surprised to hear how some men talk. There are men to be found in almost every community, at present, who seem to have about as much principle as the average mule. We all know what that principle is, as it means to think no man has a right to come into his stable; if he does he is likely to be greeted by a pair of hoofs, no matter what the object of the man may be, even if it is to feed him, the mule invariably thinks himself aggrieved and presents his hoofs. Just so with some of the better to day. This principle is no more illustrated than in the Democratic party. They were over their heads in the old method of learning which of the electoral college returns in dispute is large, than that heretofore observed now that they have had their way, they are still dissatisfied. The Commission is their child, born to satisfy their clamor, to satisfy their whims. Men should be visited with severe penalties for talking as some of them do. Men who talk of war in Congress should be called home by their constituents, they were not elected on a war platform. They have not been sent there to stir up war. Every man that talks that way, is a traitor, and a assassin of the President, if he is not the man he voted for in a coward in daylight, and an assassin at night, and if war should come they would carpet bag it to a safe place. The brave men are those who have little to say about war, and who have the greatest respect for the laws of the land. Those who talk of war, are the fools and scoundrels of the land, men of no principle, men who are fit for everything mean, dirty, and corrupt.

It is reported in our part of the county that all the convicts, and prisoners in the jail in Mifflin have escaped. Why it is scarcely worth the trouble to put a man in jail, for in a day or two he is sure to be at large again, either under a short sentence or by breaking jail. DONALL. Nicholas Ickes, of Tuscarora township, will sell at public sale, at 10 o'clock A. M., on Tuesday, March 13, 1877, Four horses, 1 mare with foal, 3 colts, 3 cows, 4 head of young cattle, and farming implements. Mrs. Hannah Crater will sell at public sale, at her residence in Monroe township, at 10 o'clock A. M., on Monday, March 19, 1877, Two good young mares, 2 milk cows, 1 bull, 8 shoats, farming utensils and household implements. Maurice Leonard will sell at public sale, at his residence in Fayette township, at 10 o'clock A. M., on Tuesday, March 20, 1877, Three horses, 2 cows, 4 head young cattle, 30 head of sheep, 1 sow, and farming implements.

PRIVATE SALES. ONE OF THE MOST PROFITABLE BLACKSMITH STANDS in the county may be purchased of the undersigned at a reasonable price. The property is situated in Johnstown, Juniata Co., Pa., and with the Smith stand includes a lot of about TWO ACRES, having thereon erected a comfortable two-story frame house, a commodious stable and other outbuildings. There is a well of good water at the door of the house. For particulars call on or address WM. HOOPS, Walnut P. O., Juniata Co., Pa.

A Valuable Printing Office for Sale. The undersigned, who has been connected with the press of Ohio, since 1829, with brief intervals, offers for sale, the material, good will and subscription list of the Wilmington Journal. The Journal is now in its tenth volume, and an inspection of its books, for the last five years, will show that its annual cash receipts exceed its cash expenditures by \$2500 to \$3000. During the past ten months, which has been a period of unusual commercial embarrassment, there has been no failing off. The paper, ever since its management by the present proprietor, has had an average circulation of at least one thousand good subscribers, at \$2 per annum. The material of the office is good, and well supplied with news and job type. The presses are a No. 6 Washington Lawyer Jobber, Paper Cutter, &c. The Journal is Republican in politics, but will be sold to any cash purchaser. There is only one other paper in the same place, and that is of the same politics, and both are well sustained. Wilmington is a flourishing town, healthy and handsomely built, and has a population of three thousand, and the county of Clinton, twenty-five thousand. The office will be sold, for cash, at a bargain, if application is made soon. For terms, and further information, call on or address W. H. P. DENNY, Ed. and Pub. Journal, Wilmington, O.

PUBLIC SALES.—Ezra Smith, Assignee of Solomon Coffman, will sell at public sale, at the residence of said Assignee, in Fayette township, 21 miles southeast of McAlisterville, at 10 o'clock A. M., on Friday, Feb. 23, 1877, One extra good mule, 2 good mares, 1 cow, 1 calf, threshing machine and horse power, gun grain drill, wagons and other farming utensils, also 15 tons good timothy hay and 1 large lot of corn fodder, also a lot of household goods. Mrs. Catherine Pines, of Delaware township, will offer at public sale, at her residence, 14 miles east of East Salem, at 10 o'clock A. M., on Monday, February 20th, 1877, Two young mares, 1 mare with foal, 1 cow, 3 heifers, 2 Durham bulls, 3 shoats, and farming utensils. John Cunningham will offer at public sale, at his residence in Mifflin township, one and a half miles west of Patterson, at ten o'clock A. M., on Tuesday, March 6, 1877, Two extra heavy draft horses, one heavy cart good breeding mare, 1 five-year old Hamiltonian mare, 1 four-year old mare, 1 colt rising 3 years, 4 cows, 1 fat Durham bull, 1 fat steer, 7 head of young cattle, and a large assortment of farming utensils. A credit of one year will be given.

Samuel Clark will offer at public sale, at the residence of Van Wert, at 10 o'clock A. M., on Friday, March 2, 1877, two mares with foal, 2 four-year old mares, 1 bay mare eight years old, 1 colt three years old, 1 colt two years old, 1 colt three years old, 1 colt two years old, 5 cows, 2 bulls, 6 head of young cattle, 11 head of sheep, 10 head of shoats, 1 sow, 4 breeding sows, and a lot of farming utensils. A credit of 11 months will be given on all sales of \$5 and upwards. H. J. Spingely will offer at public sale, at the residence of W. H. Rannels in Fayette township, 14 miles southeast of McAlisterville, at 10 o'clock A. M., on Wednesday, March 21, 1877, Three good cows, 1 horse, 1 span of mules, 1 colt, 4 cows, 2 calves, 1 breeding sow, 4 shoats, farming implements, and household furniture. H. H. Brubaker will offer at public sale, at his residence in Fayette township, three-fourths of a mile north of Oakland Mills, at 10 o'clock A. M., on Wednesday, March 7, 1877, Three mares, 4 horses, 8 cows, 1 fine Durham cow, 2 bulls, 5 head young cattle, 30 head of sheep, 2 sows, 6 pigs, 8 shoats, and farming implements.

John W. Wert will offer for sale at his place of residence in Walker township, one-half mile south of Van Wert, at 10 o'clock A. M. on Thursday, March 15, 1877, One horse, 2 mares, 2 colts, 2 cows, 1 bull, 5 head young cattle, lot of sheep, 7 shoats, and farming utensils. R. M. Johnson will offer at public sale, at his place of residence on the John Thompson farm, one mile southeast of Thompson, at 10 o'clock A. M. on Saturday, March 10, 1877, Four horses, 1 mare with foal, 3 colts, 1 cow, in profit, 2 heifers, 3 head of young cattle, 8 head of sheep, farming utensils and household effects.

R. W. Humphrey having rented his farm will sell at his residence in Delaware township, one-half mile east of Cross-Roads school house, at 10 o'clock A. M., on Thursday, March 8th, 1877, Eight horses, 2 superior draft mares, 2 good cows will be in profit by time of sale, 2 heifers, 1 large brood sow, 2 thorough-bred Chester white hogs, 5 shoats (same stock), 2 pair White Holland Turkeys, 20 pair of chickens, 1 two-horse wagon, good one or two-horse spring wagon, farming implements and other articles too numerous to mention. Also, at the same time and place his entire stock of household goods and kitchen furniture: Among the household effects is a Shagbawt sewing machine, caused fork, spade, fork and lift, potatoes, corn, and 200 good chestnut posts, 700 feet of ash plank. Auctioneer, Wm. H. Knoese, ex-Sheriff, Clerk, John Haldeman. Also at the same time and place, One hundred and sixty-five acres of land in said township, having thereon erected a large frame house, large frame barn with shedding. A pump at the house and a pump at the barn. A large apple orchard and large peach orchard, both adjacent to the buildings. About 60 acres of the tract is clear, the balance is in timber. There is first-rate water power on the premises, suitable for any kind of machinery driven by water power. The neighborhood is a good one, either for grain or saw-milling purposes. Will be sold on easy terms. Terms made known on day of sale.

HUMPHREY & McGUIRES. Nicholas Ickes, of Tuscarora township, will sell at public sale, at 10 o'clock A. M., on Tuesday, March 13, 1877, Four horses, 1 mare with foal, 3 colts, 3 cows, 4 head of young cattle, and farming implements. Mrs. Hannah Crater will sell at public sale, at her residence in Monroe township, at 10 o'clock A. M., on Monday, March 19, 1877, Two good young mares, 2 milk cows, 1 bull, 8 shoats, farming utensils and household implements. Maurice Leonard will sell at public sale, at his residence in Fayette township, at 10 o'clock A. M., on Tuesday, March 20, 1877, Three horses, 2 cows, 4 head young cattle, 30 head of sheep, 1 sow, and farming implements.

COMMERCIAL. MIFFLINTOWN MARKETS. Corrected weekly by Jacob S. Thomas, Mifflintown, February 21, 1877. Butter 25 Eggs 25 Lard 12 Bacon 8 Potatoes 1.00 Onions50

MIFFLINTOWN GRAIN MARKET. Corrected weekly by Buyers & Kennedy, Mifflintown, Pa. QUOTATIONS FOR TO-DAY. Wednesday, February 21, 1877. Wheat 1.25 Corn42 Oats30 Rye55 Timothy seed 1.50 Cloverseed \$50.00 75

MISCELLANEOUS. ACTIVE AGENTS, GENTLEMEN OR LADIES, wanted instantly to introduce a splendid book. THE CENTENNIAL EXPOSITION. DESCRIBED AND ILLUSTRATED. Nearly 800 pages, full illustrations, superb bindings, very attractive, and a treasure at the best and cheapest history of the Great Exhibition. Endorsed by the officials, press and clergy. Is selling immensely. One day of no experience has cleared \$450 in four weeks. Act quickly, if at all. Now or never. For full particulars, address HUBBARD BROS., Publishers, Philadelphia, Pa. Jan 21-107.

BUYERS & KENNEDY, (Successors to D. P. Sulist), DEALERS IN GRAIN, COAL, LUMBER, CEMENT, Calcined Plaster, Land Plaster, SEEDS, SALT, &c. We buy Grain, to be delivered at Mifflintown or Port Royal. We are prepared to furnish Salt to dealers at reasonable rates. BUYERS & KENNEDY, April 21, 1875-17.

NEW GRAIN, FLOUR AND FEED DEPT. The undersigned will buy ALL KINDS OF GRAIN at fair market prices, at his NEW WAREHOUSE, IN MIFFLINTOWN. Flour, Feed, Corn Meal, Buckwheat Flour, &c., FOR SALE AT MILL PRICES. Farmers leaving their grain at the Warehouse will have it taken to the mill and returned to the Warehouse ground in four days. All Orders Promptly Attended To. MR SPENGLER can be at all times be found at the Warehouse. J. SEPI MUSSEY. The Sentinel and Republican office is the place to get job work done. Try it. It will pay you if you need anything in that line. JUST-GLENN PICTURES taken at H. Hess' Photograph Gallery, Bridge St., Mifflintown. Sale Bills of all kinds printed on short notice at this office.

The following officers were elected in Mifflintown yesterday: Judge of Elections, George Reynolds; Inspectors, P. F. Hagen, David Haller; School Directors, Henry S. Scholl, Solomon Books, C. B. Horning; Overseers of Poor, Henry S. Goshen, B. B. Byers; Constable, S. S. Wilson; Chief Burgers, Joseph Lyons; Town Council, George Jacobs, Samuel H. Showers, G. W. Orin, Howard Woodmansee, John S. Ortry, P. D. Hamlin; Auditor, Alfred J. Patterson.

The following officers were elected in Fernsbaugh township yesterday: Justice of the Peace, Eli Dunn; Supervisors, David Boshart, Henry Ludwig; Overseers of Poor, Ludvig Schrader, Wm. S. Oles; School Directors, Wm. Banks, Wm. Peoples, Jacob Ecks; Auditor, John Stoner; Town Clerk, S. J. Meyer; Judge of Elections, Emanuel Meyer; Inspectors of Elections, John G. Rachenberger, Samuel Thomas; Constable, Jonathan McCoy.

The following officers were yesterday elected in Patterson: Constable, A. O. Powell; School Directors, Wm. Kogel, John Fink; Auditor, D. A. Doughman; Overseers of Poor, Joseph Kilduff, Reuben Guss; Judge of Elections, John Keller; Inspectors of Elections, Howard Fank, Wm. Given; Chief Burgers, John B. M. Todd; Assistant Burgers, Thos. B. Under; Town Council, John Diven, Joseph Brindle, D. K. Sulist, Samuel Gushard, Holmes Parvin.

CLOSING PRICES OF DE HAVEN & TOWNSEND, BANKERS, No. 40 South Third Street, PHILADELPHIA. Stocks Bought and Sold either for Cash or on a Margin. February 19, 1877. U. S. 6's 1881 112 1/2 U. S. 5-20's 1880 102 1/2 U. S. 1867 109 1/2 U. S. 1868 112 1/2 U. S. 1869 114 1/2 U. S. 1870 112 1/2 U. S. 1871 110 1/2 U. S. 1872 108 1/2 U. S. 1873 106 1/2 U. S. 1874 104 1/2 U. S. 1875 102 1/2 U. S. 1876 100 1/2 U. S. 1877 98 1/2 U. S. 1878 96 1/2 U. S. 1879 94 1/2 U. S. 1880 92 1/2 U. S. 1881 90 1/2 U. S. 1882 88 1/2 U. S. 1883 86 1/2 U. S. 1884 84 1/2 U. S. 1885 82 1/2 U. S. 1886 80 1/2 U. S. 1887 78 1/2 U. S. 1888 76 1/2 U. S. 1889 74 1/2 U. S. 1890 72 1/2 U. S. 1891 70 1/2 U. S. 1892 68 1/2 U. S. 1893 66 1/2 U. S. 1894 64 1/2 U. S. 1895 62 1/2 U. S. 1896 60 1/2 U. S. 1897 58 1/2 U. S. 1898 56 1/2 U. S. 1899 54 1/2 U. S. 1900 52 1/2 U. S. 1901 50 1/2 U. S. 1902 48 1/2 U. S. 1903 46 1/2 U. S. 1904 44 1/2 U. S. 1905 42 1/2 U. S. 1906 40 1/2 U. S. 1907 38 1/2 U. S. 1908 36 1/2 U. S. 1909 34 1/2 U. S. 1910 32 1/2 U. S. 1911 30 1/2 U. S. 1912 28 1/2 U. S. 1913 26 1/2 U. S. 1914 24 1/2 U. S. 1915 22 1/2 U. S. 1916 20 1/2 U. S. 1917 18 1/2 U. S. 1918 16 1/2 U. S. 1919 14 1/2 U. S. 1920 12 1/2 U. S. 1921 10 1/2 U. S. 1922 8 1/2 U. S. 1923 6 1/2 U. S. 1924 4 1/2 U. S. 1925 2 1/2 U. S. 1926 1 1/2 U. S. 1927 1/2 U. S. 1928 1/4 U. S. 1929 1/8 U. S. 1930 1/16 U. S. 1931 1/32 U. S. 1932 1/64 U. S. 1933 1/128 U. S. 1934 1/256 U. S. 1935 1/512 U. S. 1936 1/1024 U. S. 1937 1/2048 U. S. 1938 1/4096 U. S. 1939 1/8192 U. S. 1940 1/16384 U. S. 1941 1/32768 U. S. 1942 1/65536 U. S. 1943 1/131072 U. S. 1944 1/262144 U. S. 1945 1/524288 U. S. 1946 1/1048576 U. S. 1947 1/2097152 U. S. 1948 1/4194304 U. S. 1949 1/8388608 U. S. 1950 1/16777216 U. S. 1951 1/33554432 U. S. 1952 1/67108864 U. S. 1953 1/134217728 U. S. 1954 1/268435456 U. S. 1955 1/536870912 U. S. 1956 1/1073741824 U. S. 1957 1/2147483648 U. S. 1958 1/4294967296 U. S. 1959 1/8589934592 U. S. 1960 1/17179869184 U. S. 1961 1/34359738368 U. S. 1962 1/68719476736 U. S. 1963 1/137438953472 U. S. 1964 1/274877906944 U. S. 1965 1/549755813888 U. S. 1966 1/1099511627776 U. S. 1967 1/2199023255552 U. S. 1968 1/4398046511104 U. S. 1969 1/8796093022208 U. S. 1970 1/17592186044416 U. S. 1971 1/35184372088832 U. S. 1972 1/70368744177664 U. S. 1973 1/140737488355328 U. S. 1974 1/281474976710656 U. S. 1975 1/562949953421312 U. S. 1976 1/1125899906842624 U. S. 1977 1/2251799813685248 U. S. 1978 1/4503599627370496 U. S. 1979 1/9007199254740992 U. S. 1980 1/18014398509481984 U. S. 1981 1/36028797018963968 U. S. 1982 1/72057594037927936 U. S. 1983 1/14411518807585584 U. S. 1984 1/28823037615171168 U. S. 1985 1/57646075230342336 U. S. 1986 1/115292150460684672 U. S. 1987 1/230584300921369344 U. S. 1988 1/461168601842738688 U. S. 1989 1/922337203685477376 U. S. 1990 1/1844674407370954752 U. S. 1991 1/3689348814741909504 U. S. 1992 1/7378697629483819008 U. S. 1993 1/14757395258967638016 U. S. 1994 1/29514790517935276032 U. S. 1995 1/59029581035870552064 U. S. 1996 1/118059162071741104128 U. S. 1997 1/236118324143482208256 U. S. 1998 1/472236648286964416512 U. S. 1999 1/944473296573928833024 U. S. 2000 1/1888946593147857666048 U. S. 2001 1/3777893186295715332096 U. S. 2002 1/7555786372591430664192 U. S. 2003 1/15111572745182861328384 U. S. 2004 1/30223145490365722656768 U. S. 2005 1/60446290980731445313536 U. S. 2006 1/120892581961462890627072 U. S. 2007 1/241785163922925781254144 U. S. 2008 1/483570327845851562508288 U. S. 2009 1/967140655691703125017576 U. S. 2010 1/1934281311383406250351552 U. S. 2011 1/3868562622766812500703104 U. S. 2012 1/7737125245533625001406208 U. S. 2013 1/15474250491067250028012416 U. S. 2014 1/30948500982134500056024832 U. S. 2015 1/61897001964269000112049664 U. S. 2016 1/123794003928538000224099328 U. S. 2017 1/247588007857076000448198656 U. S. 2018 1/495176015714152000896397312 U. S. 2019 1/990352031428304001792794624 U. S. 2020 1/1980704062856608003585589248 U. S. 2021 1/3961408125713216007171178496 U. S. 2022 1/7922816251426432014342356992 U. S. 2023 1/15845632502852864028684713984 U. S. 2024 1/31691265005705728057369427968 U. S. 2025 1/63382530011411456114738855936 U. S. 2026 1/126765060022822912229477711872 U. S. 2027 1/253530120045645824458955423744 U. S. 2028 1/507060240091291648917908847488 U. S. 2029 1/101412048018258329783581774976 U. S. 2030 1/202824096036516659567163549952 U. S. 2031 1/405648192