THE RADICAL: FRIDAY, MAY 2, 1873.

## OUR WINTERS.

Meteorological Notes-A Paper Bead by Mr. S. S. Rathvon, Before the Last Meeting of the Lancaster Board of Trade. After referring to the records of severe

winters in different parts of Europe, and in parte of Asia, some years ago, Mr. Rathvon proceeds:

Of course we cannot suppose that these ancient records could be as reliable as those of more modern times. If these are the winters to which people refer, in their remarks on cold weather, then we presome last winter may be called an "old fachioned" one, but under any circum stances, these cases can only be fairly regarded as exceptions and not as a rule. But, coming to our own country, it is on record that the winter of 1742 was "one of the coldest since the settlement of the country," and that "a gentleman drove a horse and sleigh through Long Island sound to Cape Cod." In 1764 and 1765 the Delaware was frozen over, and on the 19th of February of the latter year an ex-roast was held on the ice. Here were two cold winters in succession. In 1772 the Delaware was frozen over for three months, and in 1780 the same river was closed from the 1st of December to the 14th of March. So cold was it that the ice was from two to three feet thick. and the thermometer stood from 10 to 15 degrees be low zero for many days in succession.

The winter of 1783 was also a very loag and severe one, the Delaware closing on the 28th of Novembor, and remaining desed until the 18th of March. The winter of 1788 was intensely cold, forming a kind of landmark in the meteorological records of that and subsequent periods : indeed it is stated that since that year. the mercury has never fallen so low as it did on the 30th of January, 1788. Still there were some intervening cold winters, for on the 1st day of January, 1795 the cold was so intense in England that the river Thames was frozen over while

the tide was turning. In 1797 the Delaware was ice bound for several miles below Philadelphia, and sleight were driven on the river from Phil sielphis to Trenton. We have also had some cold winters within the present centary, one of which was in 1835, when the Susquehanna remained closed until the

in regard to the time of the breaking up of the ice in some of the great rivers, منمنه flowing into the Baltic and White Seas. 0. Intensely cold winters and remarkably mild ones, as well as intensely hot sum-АТ mers and remarkably cool ones, are, therefore, irregularly intermittent events, de-2 pending on causes, not yet sufficiently OF understood, to establish a certain system upon.

1 . V/() JAM During the last winter, whether it is C regarded as an old-fashioned or a new fashioned one, in addition to the extreme low temperature, it has been characterized by a fall of over seven feet of anow; and if much of the vegetation above the show line has been injuriously affected, that Will a which was below it, has been unquestion. their c ably protected, if it has not been actually and sel penefited. So far as these injuries can be . **P.** -B estimated at the present time, they will result in the almost entire loss of the peach, plum, apricot, nectarine, cherry, perhaps, grape, blackberry and raspberry ATcrops, of a large portion of the country oct that lies in the latitude of New York, Pennsylvania, and the northern borders TOP of Maryland and Virginia, Apples, quinces and pears are also more or less injured in many localities, but especially the fruit last named. Offic House All

Under any circumstances, however, we ceive could not have reasonably expected two Real B such crops, we had last year, in immediprope noney ate succession. But the great body of

MARS snow which has covered the ground dur-S<sup>w</sup> ing the entire winter, and the manner of its passing away, will greatly benefit the grass and the winter wheat that has not been injured or destroyed by the "Hessian fly," early in the fall of 1872. The effect of the past winter upon such insects TA as hibernate underground, or in debris, or rubbish on its surface, we apprehend will not be very serious, and even those favor- | A T ably situated above the snow will sustain but little injury from the effects of the cold.

On the 17th of February and on the 3d of March, living butterflies were brought G to us that were taken at large. These proved to be pieris rape, the same species that was so destructive cruciferous plants, curing -especially the cabbage-during the lat Real B ter part of last summer. On the 10th of March we had in our possession a living catterpillar. These facts exhibit the ex-

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first week in April, and footmen crossed traordinary power of insects to resist the it on the 28th or 29th of March. The winter of 1872 will long be remembered as a cold one, the Susquehanna being closed for one hundred and ten days in saccession; although there was little or no snow on the ground for nearly all that ume. With all these records in evidence, the winter of 1872, can hardly be, regard-

ed as an "old fashioned" one-if indeed we may not justly call it new fashioned br at\_no period in the history of this muntry has the mercury fallen so low as adid-last winter; the temperature being. m some of the higher latitudes, from 41 to 48 degrees below zero, and in our own county, not more than one mile from the

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ity limits, it registered 32 below. It is true that if as carcful a record of the state of the thermometer had been

sept, at the periods alluded to in this paper, as they are now kept, they might have evinced colder winters than the last one; but, in the absence of these records the winter of 1873 must bear the palm But ther, there have been many modrate winters during all this time, some very moderate, and also some exceedingly mild The winter of 1779 was so mild that trees blossomed in February, in the stitude of the Middle States. The winter of 1781 was also very mild. In 1784, 1785, 1786 and 1787 were four very moderale winters in succession; no instance of which occurred in very cold winters."

In January 1790 we learn that the average medium temperature was 40'degrees mornings, and at midday the mercury rose | die." 10 10 degrees. Boys were occasionally seen swimming in the Delaware and Schuyl the rivers. The meredian temperature it and even them it don't pay. for the same month in the years 1791, 1792, 1793 and 1795 was from 30 to 40 degrees above zero, notwithstanding it was so intensely cold in England on the first day of the month, in the last named year. These records therefore, do not sustain the theory that our winters are gradually getting colder, nor yet that they are gradcally getting warmer, according to the <sup>pposite</sup> theory. On the whole, for hundeds of years at least, they have been very uniform in their degrees of coldness. As an evidence of this we have only to tefer to the report of the "Board of Commissioners of Public Parks," in the city of New York. From statistics gathered from the various places in the country where records have been kept for over one hundred and thirty years, it appears that although there often had been a great difference in the temperature between; 1wo succeeding winters, yet, on the

effects of cold. Saturating winter rains. with extreme alternations of heat and cold are, however, destructive to insect life, but this was not the character of last winter. All these things are a near or remote relation to the agricultural productions of the country, and as such they jy1'70-1y. are respectfully submitted.

NEST EGGS. BY JOSH BILLINGS. It iz hard work when we see a man ketching fish out ov a hole, tew keep from baiting our hook, and throwing in thare dec4'68:tf Good natur iz the daily bread ov life. The wealth ov a person should be estimatee, not bi the amount he haz, but bi the use he makes ov it. dec11'68:1y It is a wize man that watches himself, and a phoolish one that watches his na-Vanity iz often mistaken for wit, but it iz no more like it than gravity is like wis Debt iz like enny other kind ov a trap. eazy enuff tew git into, but hard enuff tew git out ov.

Bare necessitys will support life no doubt, so will the works support a watch. but they both want greasing once in a while, jist a leetle.

Lazyness weighs eighteen ounces to the pound.

The history ov life iz tew hope and be above zero; that fogs prevailed in the disappointed, the viktory iz to "never say

> The way tew fame iz like klimbing a greast pole; thare a int but phew kan do

It iz dreadful eazy tew mistake what we think for what we know; this is the way that most ov the lies git born that are traveling around loose.

Ambishun iz like a tred wheel; it knows uo limits; yu no sooner git tew the end ov it than you begin agin. We are nevar in more danger ov being laft at than when we are laffing at others. Good breeding seems tew be the art ov being superior tew most people, and equal tew all, without letting them kno it. Children are like vines ; they will klimb the pole yu set up for them, be it krooked or strate.

Happiness iz not only the choicest posseshun, but the chespest; it kosts nothing, if yu only think so.

Idleness, like industry, iz ketching. The devil iz the father ov lies, but he failed tew git out a pattent for hiz invenshun, and his bizzness is now suffering whole, very cold winters were not more from competishun.



Collections promptly madr and remitted. [jy22'70:1y. JAMES T. BRADY & CO., (Successors to S. Jones & Co.,) COR. FOURTH AVENUE & WOOD A STABBURGH, SAL **BANKERS**, BUY AND SELL ALL KINDS OF INTEREST ALLOWED ON DEPOSITS MONEY LOANED ON GOVERNMENT BONDS AT MARKET RATES. Conders Executed for he Purchase and Sale of STOCKS, BONDS and GOLD. JAS. T. BRADY & CO. jy23'70:1y. F. A. BARRER. C. A. BARKER G. S. BARKER. S. BARKER & CO. U. NEW BRIGHTON, PENN'A. G. S. BARKER & CO. BRAVER FALLS, PENNA. BANKERS DEALERS IN EXCHANGE, COIN, COUPONS, &c. Collections made on all accessible points in the United States and Canada. Accounts of Merchants, Manufacturers and Indiriduals solicited Proprietor Interest allowed on Time Deposits. Correspondence will receive prompt attention. dec23'70-tf DOCHESTER SAVINGS BANK. JOHN V. M'DONALD; W. J. SPEYEBER, GEO. C. SPEYERER, H. J. SPEYERER, Cashier SPEYERER & McDONALD, Dealers in exchange, Coin, Government Securi-ties, make collections on all accessible points in the United States and Canada, receive money on deposit subject to check, and receive time deposits of one dollar and upward, and allow interest at 6 per cent. By-laws and Rules furnished free by applying at at the bank. Bank open daily from 7 a. m., till 4 p. m., and on Saturday evenings from 6 to 8 o'clock. REFER, BY PERDISSION, TO an & Co, Hon J S Rutan, L H Oatman & Co. Algeo, Scott & Co, S J Crose & Co, Orr & Cooper, Wm Kennedy, John tharp, R B Edgar, Snieder & Wacks, **BS** Ranger, Tedesmen's National bank, Pittsburgh. Pa. A C Hurst. S B Wilson nov11-70-je30-71 INSTANT RELIEF FOR THE ASTHMA. Any person troubled with that terrible disease, will receive immediate and complete relief by us-ASTHMAREMEDY. I was afflicted with it for twelve years, entirely unfitting me for business for weeks at a time: and discovered this remedy by experimenting on my-self after all other medicines failed to have any effect. DICOLA WILL WARRANT IT TO GIVE INSTANT RRLIEP n all eases of Asthina not complicated with other

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whole, very cold winters were not more	from competishun.	apris and dig tran hat is yet and and		Hillman And now, to with March 17th 117874 hol except	Send for one. Ask your draggist for it. If he has	
frequent fifty or one hundred vears ago	A nikname will outlast all a man's deeds,		178 FEDEBAL ST. ALLEGHENY.	tions having been fled, the Court confirm the sc. count of the Assigned in this case the stated, and	Bollowing for a mail improve the way much and a	
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derive months, in the same locality	kiest conshience, a good appethight, and	Wednesdays at the stible of the owner, in Dhio, tp., Beaver country on Thurdays, Fridays and Sat	Misses Shoes 1.50 10 2000 100 10 200 Children's Shoes 1.51 201500 10 200	that the indersigned will allend to the duties of the above appointment, at the COURT HOUSE	TNTERPRISE SALOON AND	
the five years ending with 1871, it		n new at Green's favers, Calcults, Unio, U. 1. 24	Misses Shoes, 1,50° to 3,00 Children's Shoes, 1,51 1911300 to 3,00	the above appointment at the COURT HOUSE, BEAVER, PA., on WEDNESDAY, May 7th, A. D.	E. RESTAURANT.	
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