DESERET LY ENING NEWS: WEDNESDAY, JULY 11, 1906.



Let the child make the discovery. this is the great law in nature study that is taught according to the best gal of the modern school. Thus star the child learns from experiments what sound is, he may be told some things not open to ordinary observation that sound does. He may be told that the sound waves of the air (the vibrations) when the powder magasines on Arsenal hill exploded years and broke most of the windows in the aga broke puses of this city; how the sound of houses of this city; now the sound of the human voice often precipitates the fall of the avalanche in the Alps; how the firing of a pistol in a lighted room in fight may put out the lamp or can-ing these and other interesting phe-tic These and other interesting phesomena should follow, not precede, the facts (percepts) obtained encrete nom observation.

LAWS OF SOUND.

The laws of sound, therefore, are and developed by the use of the penits length: then it is rording to nown that an elastic steel spring free w oscellate is a pendulum, that a vime greater the tension and the greate the force of gravity operating on common pendulum the more rapid will be the vibration; that length and of the vibrating string, rod. Higherer reed, affect the pitch; that vibrating grings, sounding boards, etc., divide no parts or segments (nodes) and hrate both in sections and as a

After deducing the laws of sound the sechanism of the human voice, its by up at first by means of experiments with the voices of the children. The professor has urged that the

study classes, should note and deavor to forecast the weather. The nment signal service stations great aid in this direction, and evernment ir publications should be in the ads of the teacher. The class voted visit the weather bureau in this y next week and Dr. Hyatt has greeously furnished for the "News" ty next accompanyqing storm map together a description of the ordinary wather map given herewith.

DAILY WEATHER MAP.

The weather map issued daily by the s weather bureau and distributed to these who are interested is a well here publication. It shows the sta-tim at which weather observations waken daily at 8 a. m. and 8 p. m. Schington time. These observations of readings of the barometer. termometer (dry and wet), direction and velocity of wind, state of weather, amount, kind, and direction of the leads, and amount of rain or snow, nd are telegraphed to Washington and to many of the weather bureau dations throughout the country for ublication on maps and bulletins. Solid lines, called isobars, are drawn through points having the same atnospheric pressure: a separate line being drawn for each one-tenth of an inch in the height of the barometer. hotted lines, called isotherms, con-necting places having the same temserature, are drawn for each ten derees of the thermometer. Heavy otted lines, inclosing areas where a th the wind, or opposite to the orary vane. The state of weather-hether clear, partly cloudy, cloudy, mining, or snowing-is indicated by the circular symbol. Shaded areas when used, show where rain or snow has fallen since the last observation. WET AND DRY THERMOMETER

facided change in temperature has oc-curred within the last 24 hours, are netimes added. The direction of the nd is indicated by an arrow flying



ted surface, if the air is not saturated | certificate no one is authorized to raise the quarantine or to tear down the flag, and if any one does so he is guilty with moisture, is more rapid than from the dry buib, in proporition to the rela. a misdemeanor and should be tive amount of aqueous vapor in the air. The difference of temperature beished. The quarantine regulations ar for the protection' of the community and the safety of the people, and tween the readings of these two therand the safety of the pe should be vigorously enforced mometers is used to compute the rela-tive humidity of the atmosphere. The temperature of the wet bulb is lower than that of the air as given by the

HORSFORD'S ACID PHOSPHATE dry-bulb thermometer, on account of the evaporation from the bulb. The Relieves Nervous Disorders Headache, Insomnia, Exhaustion and Restlessness. Rebuilds the nervous wet-bulb temperature is sometimes called the sensible temperature, be-cause the sensation of heat on the skin agrees more closely with its indications System.

Hawalian Band at Saltair, have you heard it? Isomer do so beras a state

CLAWSON PRAISED.

Uah Artist Making Rapid Strides in Los Angeles.

general movement of storms 1 Rich and warm in color and reveal the United States is from west to east, similar to a series of atmospheric waves, of which the creats are designg rare tonal harmony and breadth treatment, with no suggestion of nated on the map "Highs," and the troughs or depressions "Lows," These ight work, is the masterly head entiled "An Oriental Girl." by James W. alternating highs and lows have an average easterly movement of about 600 miles per day. lawson, which is printed in halftone today. The full, mobile counts-nance is lighted by a pair of deep violet eyes. Dazzling color is intro-duced in the oriental embroidered High winds, with rain or snow, usu-ally preced the low area, often extend-ing to a distance of 600 miles to the eastward of the center of the storm. In lesser moments we ostume. advance of the low the winds are gen-erally southerly, and consequently bring high temperature. When the re all inclined to be somewhat sel such times we ish, and it is al. brone to forget the suffering of our reighbors and rejoice over the advent center of the low passes to the east of a place the wind at once shifts to the Mr. Clawson, Los Angeles of a place the wind at once shifts to be west or northwest bringing lower ten-perature. Southerly to easterly will's prevail west of a nearly north and south line passing through the middle the San Francisco refugees. most noted portrait painter on the Pa cific coast, Mr. Clawson's career has been one of almost uninterrupted suc of a high, also east of a like line pas-ing through the middle of a lor. cess. He was already married when he began his studies at the old Acad-Northerly to westerly winds occur wet emy of Design in New York. His first of a nearly north and south line pas-ing through the middle of a low an also east of a similar one through th middle of a high. The temperature of commission was received from Algernon Sartoris, the husband of Nellie Grant. The order was for a likeness Grant middle of a high. The temperature mat a given parallel west of the low mat be reasonably looked for on the same parallel to the east when the low has parallel to the east when the low has ing day was the one stipulation made. a Miss Stone-a beautiful passed, and frost will occur along and north of an isotherm of about 40 de-grees, if the night is clear and there is but little wind. Mr. Clawson agreed, and at the close of

grees, if the night is clear and there is but little wind. Areas of low pressure frequently move to the south of ear from the Rocky mountains to the Laississippi and then change direction to the clear Doncet

Army Encampment at ashington City, a comrade from Eigi III., was taken with cholera morbushd was in

a critical condition," say Mr. J. E. Houghland, of Eldon, low "I gave

him Chamberlain's Colle, holera and Diarrhoea Remedy and neve saved his life. I have been ended for tet, years in immigration we and con-ducted many parties to south and

west. I always carry thremedy and have used it successful many oc-

chould be without this nedy." For

In the Matter of segating Lands

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RUN OVER BY HANDCAR.

Practise Which Has Already Injured Several Boys.

Fond mothers, who have the responsibility of caring for youngsters who play in the western part of the city, never have had a specially interesting time of it, and the advent of the Western Pacific graders is not adding to their pleasures, according to complaints brought to the "News" by a number of parents. Just now the track laying between Sixth and Tenth west streets near South Temple street is a specially at-

tractive playground for boys, and here ies the trouble for the mothers. The youngsters have discovered a new game. It is to steal a handcar, and lead it down to the rails, then while four of the boys are pumping n up to full speed, another fams down brake, and in the sudden stop results, the boy that gets hurt east s. Those that lose are carried h. fond mothers to treat with ar salve and wrap up in bandages. A few days ago "Joe" Wilkinson.

young lad of 16 years, was thrown an badly bruised, and last night Earl Pinney was rather serionsly injured the practise Young Pinney was h party of seven boys who "borrowed" handcar last night from a Greek sec-tion foreman. They were riding up and down the track on it, and when the mo-ment came to "sock" the brake on, Pinney was near the front. He was hurled off, directly in front of the car, and then was badly bruised beneath the wheels, two of which passed over his body. The accident happened at 8:30 o'clock, and on picking their playmate up the other boys found his back was deeply indented with the wheel marks from the handcar, his legs cut and bleeding, and a great deal of skin cratched off his back.

They took him to his home at 23 south Seventh West street about 9 o'clock, and he is being cared for today. The boy is a son of William Pinney, and a grandson of the late William Pinney. who was superintendent of buildings for the Salt Lake school board. The parents foel that the railroad

construction gangs should see to it that their handcars are fastened at night so



A HOUSE WITH A STREET CAR BOUDOIR AND SMOKING ROUM



boudgir and the other as a smoking room The Store Began its Wednesday Half Holidays Today. A Round-Up of Some Unusual Values For Thursday, Friday and Saturday! These offerings are the latest expressions of styles -dainty, seasonable Suits -they are nicely made, and are selections from our regular stock. The reductions are made just to brighten the closing days of the Round-Up Sale. Peter Pan chambrey wash LINEN DUSTERS IN suits in tan, blue, red and gray. Full plaited skirt and tailored shirt. Very smart. From \$5.75 to.... WHITE AND TAN: FULI LOOSE BACK: SPLEN DID QUALITY. French lawn suits, made WHITE SHIRT WAIST of navy blue; white polka dot; black with white pol-ka dot; tailored waist; SUIT, made of good quality of Indian head; plaited CO waist: skirt with full tue flounce. From \$5.00 to. skirt; full waist. Very handsome. From \$5.75 to The closing of the Round-Up shows reductions from 10 per cent to more than 50 per cent.

The temperature of the air as pubshed on the man is observed with a try-bulb thermometer. A reading of the wet-bulb thermometer -that towhose bulb is covered with a moist trapping-is also made, but not pub-tshed. The evaporation from the wet-

How to Fool a Lazy Liver with Artificial Exercise

VERY serious Sickness has a small A beginning. And, in nine cases out of ten, 1 that beginning is made in the

Bowels. Constigation is the beginning of most diseases. li paves the way for all others.

Lack of exercise, hasty eating, improper food, are its first causes. Laziness, and postponement. permit it

to grow into Chronic Constipation, which means life-long Discomfort.

It isn't necessary to be sick-a-bed, you know, in order to be mighty uncomfortable. Even a slight indigestion affects the nerves, dulis the mind, and obscures the merry sunshine of Life.

. . .

The time to adjust the Bowels is the very minute you suspect they need adjustment. -If your tongue is slightly coated, -If your breath is under suspicion.

-If your head feels a trifle heavy or dull, -if digestion seems even a little slow.

-If Hearthurn, Belching, Colic or Resthaness begin to show themselves. -That's the time to eat a Cascaret.

It acts as pleasantly as it tastes. It is as congenial to your Bowels as it is to your Palate.

It stimulates the muscular lining of the Bowels and Intestines, so that they mechanially extract nourishment from the food and drive out the waste.

. . .

The only way to have Cascarets ready to us precisely when you need them is to carry them constantly in your pocket, as yes do a Watch or a Lead pencil.

The ten cent box of Cascarets is made in, flat, round-edged, and amall, for this clos purpose.

Be very careful to get the genuine, made y by the Sterling Remedy Company and sold in but Every tablet stamped

and then change direction to north of east over the eastern half of the country. Storms in the Gulf of Mexico occasionally move to the west or north of west, but after reaching the coast, they generall change dlrection and move to the northeast-ward. High areas move to the southeast and are usually attended by fair and cool or cold weather. A cold wave is always accompanied by a high.

than with those of the dry thermome.

represents the most recent discoveries and deductions in relation to storms

This is not the weather map described

STORM MAP OF THE UNITED STATES.

The map published with this article

MODEST CLAIMS OFTEN CARRY THE MOST CONVICTION. When Maxim, the famous gun inven-

tor, place his gun before a committee of judges, he stated its carrying power to be much below what he felt sure the gun would accomplish. The result of the trial was therefore a great surprise, instead of disappointment. It is the same with the manufacturers of Chanberlain's Collc, Cholera and Diarrhoea Remedy. They do not publicly boast of all this remedy will accomplish, but prefer to let the users make the statements. What they do claim, is that it will positively cure diarrhoea, dysen-tery, pains in the stomach and bowels, and has never been known to fail. For sale by all druggists.

> ----OPINION BY BREEDEN.

Attorney General Discusses Case of Health Officer Stewart.

tlement reached with state. When the matter is s Attorney General Breeden gave Secwill release a retary Beatty of the state board of state lands whi up in the forest health, yesternay afternoon, an opinion In the Logan on the performance of Health Officer 5,000 acres of Stewart in removing the quarantine State Engli the board that

flag in the Bennett case. Dr. Beatty asked the following question: "A case presenting the typical symp-

toms of scarlet fever, diagnosed and reported as such by the attending physician, who thereafter discovers no evidence to change his opinion, is duly ounty, are onstruct a quarantined and a flag placed by the the matter local board of health. Has the health officer the right or power to visit the yesterday on. The said patient without the knowledge or consent of the attending physician at morrow 10 the end of the second week of the

quarantine and thereupon assert that the patient was not and had not been afflicted with searlet fever, also re-moving the flag, releasing the patient without disinfection and raising the quarantine?"

The attorney-general replied as follows "So far as material to the question

submitted, section 12 of chapter 6, session laws of 1899, reads as follows: 'It shall be the duty of every physician or other person caring for the sick in the State of Utah to make a report to the local board of health, immediately after such person becomes aware of the existence of any case of scarlet fever, diphtheria, smallpox, etc., his or her charge , and a pen-alty is attached for fullure to do sa. When this report is made the person must be quarantined and a yellow flag

be displayed on the premises where such person is domiciled and shall not he removed or taken down for twentydays, and no person who has he

ffected with scarlet fever, etc., shall be permitted to leave the house durng the same priod in which he or she is quarantined, without a permit from the board of health, to be issued on receipt of a certificate from the at-tending physician that all danger of

ommunicating the disease has passed. "The law seems to be plain and un-mbiguous and does not demand any chnical interpretation to discover its neaning.

"If a person is stricken with scarlet fever of other contagious discase, the fever of other contagious disease, the make use of for rebuilding brain i hysician in charge must report the make use of for rebuilding brain care to the local board of health, are nerve centres are retained in this the person so afficiet must immediate arkable food, and thus the human interve to the local board of health, are nerve centres are retained in this is supplied with the powerful ately be guarantined and prevent is supplied with the powerful from carrying the disease to ony , one has eaten thrape. Nuts each

from carrying the disease to o and this quarantine must last to one days, unless the attending tian shall sooner be satisfied to tify that all depend on the satisfied to one has eaten Grape-Nuts each or a week or 10 days. "There's a tify that all danger of comm

"Ve travet the little book, "The Road to this liville, in pkga.



I Had Stone in the Bladder.

and my kidneys were affected. None of the means taken for relief produced any lasting benefit until I began the use of Dr. David Kennedy's Favorite Remedy, of Rondout, N. Y. The pain ceased-the calculus or stone having been dissolved by the medicine. I am ready to testify that my recovery was due to Dr. Kennedy's Favoriate Remedy .- E. D. W. Parsons, Rochester.

Mount's Malt Vinegar, the purest and best. Ask the groceryman. He knows,

LOW RATES EAST. TO MAKE INVEGATION

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Via D & R G. July 6. 7. 8.9. 10. 19 20, 21 Final Limit October 31

Omaha and Kansas City \$49.00 Chicago St. Louis

McConahay, Jeweler, Moved to 54 Main Street,

Maybe You Live

Out of Town And can't come in. Don't let that keep you from get-ting M. & P. Paint. Write for color card and tell us what you want. Just as much care taken as though you were here in person.





The mar behind the dollar is the man who eight to know something about the rates and advantages to the insur-ed that are offered by the HOME FIRE INSURANCE COMPANY OF UTAH.

Here are a few points worth consider-

We are the only local company. We keep Money at Home. We adjust and pay our losses prompt-

ly. We have unsurpassed facilities for taking care of your business.

Heber J. Grant & Co

General Agents. 20-26 South Main Street.



The third day of the great sale. It promises to be the greatest day of them all. Wonderful as has been the patronage. Wednesday will probably be the greatest day yet.

Many splendid mill ends and sample lines bought for the great sale have just arrived. These will create new interest. The lines advertised Sunday are nearly all still in good condition, so great were the quantities.

Such opportunities as these have never been heard of in this city before. Every dollar is worth two at this sale. Every nickel is worth a dime. Come and see what the "yellow tickets" say. A strong appeal to economical shoppers on every one.

Women's and misses' dresses-organdies, swisses, mulls and lawns--worth \$15.75 to \$20.00 each--Mill \$10.75 End Sale

This is a very handsome assortment. The styles are very fetching and neat. Trimmings are of rare laces. A summer bargain of exceptional merit

Entire stock of women's shirt waists at 25 to 50 per cent reductions.

This splendid stock includes all our elegant hand, broldered Swisses, mulls and batistes. Values embroidered Swisses, mults and batistes. Values range from \$2.00 to \$35.00. You take them at a fourth to a half off.

Complete stock of linen suits at 25 to 50 per cent off regular.

Included are handsoms hand-embroidered and lace trimmed effects. Values ranging from \$10.00 to \$71.00 each. You select at one-fourth to one-

Entire stock of white and colored parasols at one-fourth off regular prices

The assortment comprises the handsomest line of linen, embroidered and slik parasols in the city. Values range from \$1.00 up to \$15.00 each. This is a remarkable offer considering the great demand for white parasols this season.

The greatest lot of mill ends and remnants of embroideries we ever had. All kinds, All lengths. Prices to send them away quickly.

\$2.25 to \$2.50 waist patterns. \$1.00 Mill end sale.....

These are very stunning effects, trimmed with val lace and insertion. Made of sheer, dainty lawns, Strong values at the regular prices. Only 26 of them, so we will close them out at a dollar each.

\$5.00 pure linen waist patterns. \$3.25 Mill end sale.....

Rare values, these. The small quantity (only 18 the lot) is what causes the price cut. They are fine linen, handsomely embroidered and with collars and cuffs to match.

"Men's corner" Mill End specials A wonderful assortment of fancy and

plain hose. Worth 50c and 75c the pair. Fine lisles. All sizes. The 29c pair COTTON AND LISLE HALF HOSE-A splendid assortment of new, nobby effects, the kind you sho pay 35c the pair for. Mill End Sale, 1 the pair 19c

FINE BALBRIGAN UNDERWEAR-Plain ecru an ancy patterns. Worth 75c the garment. 50 50c



ular prices

The assortment comprises splendid styles in French ginghams, madras, dotted Swisses, organdies and linens. Sizes for children 1 to 14 years old. An offer every mother should investigate

Splendid imported lisle hosi-

ery for women

Hundreds of pairs. The prettiest fancy effects and the best values in plains you ever saw. They are splendid 50c and 75c qualities. 29c You choose, at the pair

WOMEN'S. MISSES' AND CHILDREN'S SUMMER

FINEST IMPORTED LISLE HOSIERY FOR WO.

A sensational ribbon offer

Ordered for the Mill End Sale, but arrived too late for the Sunday ad---

Elegant warp prints, 5 inches wide. 25c worth 50c, 55c, 75c and 85c the yard. The excellence of these ribbons will be appreci-

ated at sight. The delicate and rich colorings, the splendid quality of the slik and the insignificance of the price are self-evident. And the width, too, fully five inches. Think of it! Only 25c the yard.

New Ribbon Department. Ask to be directed.