The appropring of mechanics, pandle on the
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serverse, and the results have prived byond all moments the same prived byond all moments the same prived byond and the sa

900,000,000 times swifter than light? All these places themselves. When we say that our city is passing; consequently it would lag behind, prodinconceivable velocities must exist, if we admit the elevated 4300 feet above the sea level, we do not using a rapid current towards the west, which, apparent diarnal motions of the stars to be real.— mean that it is so much higher above the centre of combined with the current proceeding towards the These arguments, if not demonstrative, harry with the earth than the equatorial or polar seas, but we equator, would in the northern hemisphere incline them an irresistible conviction that the diurnal mo- mean that it is so much higher, or more distant from it to the conth-west, and in the southern hemisphere thein an irresistic contractor with and not to the the centre of the earth than that portion of the sea towards the north-west. These currents ecting which is in 40 deg.45 min.of N.latitude. That pro- upon the spherical form of the carth over which

tower or precipies; if the earth has no rotation it will dill perpendicularly to the surface of the earth; but if it has a rotation from west to east, it will fall a short distance to the cast, it will fall a short distance to the cast of the perpendicular line at the faot of the tower. This is accessioned by the being nearer the centre of motion, would move and many more will as soon as they can get their grain being nearer the centre. The time of falling would be resch precipe, stuarded without the axis, wring in propertion to its distance from it. adver than the top, which is half a will further adver than the top. which is half a will further adver than the top. which is half a will further adver than the top. which is half a reference of motion, adver than the top. which is half a will further adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the top. which is half a reference of motion, adver than the centre of motion, would mover adver than the top. which is half a reference of motion, adver the tentre of falling would be recet from the top. adver the tentre of falling would be recet from the top. adver the tentre of falling would be recet from the tentre and the equator. adver the tentre of falling would be recet fored in the there a awer than the top, which is half a mile further of falling would be tower or precipice would escribe an are about 21-2 inches longer than the top, which is half a mile further from that centre. The time of falling would be tower or precipice would escribe an are about 21-2 inches longer than the are described by the bottom, inches longer than the area described by the bottom, inches and the second the eration of the reaction of the reaction. In mark, and as tons of butter are made every weeks, it heats an enter are and the secret building afferer the asine of the reactin the describes of the asine the bottom, it heats

Mayens. It is a principle of mechanics, founded on the tuberant mass of land and water which envelopes they passed in a direction from east to west con-bishops, superintendents, architect, foremen, mechan-laws of motion, that the more distant a body is from our spheroid at the equator is more than 21-2 times trary to that of rotation, would have a tendency a central gravitating force around which it revolves, higher above the poles than the highest mountains to retard that rotation. The momentum gained the momentum gained therewith, are learning their several

DESERET NEWS. SATURDAY, JAN. 10, 1852.

closely connected therewith, are learning their several NEWEST FASHION .- We understand that one of Frofessor Pratt's lecture continues well

eulated how far all bodies must be placed from the center of the earth in order to have their periods and fluids would assume the splarical form, and affluids would be case of gravity. 194 before are have dat that distance, we know that none of the are placed at that distance, we know that none of the are placed at that distance, we know that none of the are placed at that distance, we know that none of the durnal periods are not call. This, then, is asent to afflord shundance of evidence that the case of solving the spare to have been, more than one the gravitation of the earth, in the increase of gravity to all periods are not call. This, then, is a dirand made new. Another demonstrative evidence that the creating the a durnal motion, may be obtined from experi-ment. Let a ball be dropped from the roof fall ingti-to were or precise; if the area for solving the the use of the earth, and east, covered with an exem-of the superiod of our earth. Another demonstrative evidence that the creating from experi-ingtine form accel, and made new. Let us now to consider the case of s perfect globe in the gravitade of our earth, covered with an exem-of the magnitude of our earth, covered with an exem-place, increase of solving the area of the earth, basic do form is the diminution of the centrifugal force, would, at the blo perpendicely the or the more than on the super direct the area of the earth. The public meetanes of the eart

threshed, and other things prepared; but, brethren, having done well hitherto, let us not cease to do well, but leave the things that are belaind, and go_on unto perfection. New Year, 1852, has arrived, and we wish you all but leave the things that are behind, and go on unto B We are credibly informed that there are

wheat, and all grain tithing must be in grain. And the Wc have received several local commuall payments made at the office are better in grain than nications too late for this paper.

flour; and the saints will please notice this and gov-To the Saints. While the Public Works are progressing, and the And the News grain is wanted, we have no stornary: but the Governor's message is all we can communicate thercon at present.

For the week commencing Jan 12.										
Bisbop S. Roundy,	16	ward	Monday.							
" L. D. Young,	18		do							
· P McCue,	lst	66	Tuesday.							
4 A. Everett,	8th	6.6	do							
" J. C. Kingsbury	, 2d	46	Wednesday.							
" W. G. Perkins,	7th	6.6	do							
" C. Williams,	\$d	6.6	Thursday.							
4 J. Preese,	4th	6.6 -	do							
W. Hickenloope	er. 6th	. 55'	ob							
" S. Taft,	9th	44	Friday.							
J. L. Heywood,	17	26	do							
" D. Pettegrew,	10	6.6	Saturday.							
" J. Lytle,	11	41	do							
For the week commencing Jan. 19.										
Bishop B. Covey,	12	ward	Monday.							
4 E. Hunter,	13	65	Tuesday.							
A. Hoagland,	14	6 B	Wednesday,							
4 N. V. Jones,	15	8.6	Thursday.							
16 J. Hendricks,	-19	1.5	do							
" S. Roundy,	16	8.6	Friday.							
" L. D. Young,	18	6.6	do							
" P. McCue,	1st	44	Saturday,							
56 A. Everett,	Sth	61	do							
P. S. The Brethren will continue to send to the										
Public Works, all the lumber, Shingles, hewed tim-										
ber, and fire wood, that they possibly can, which										
will be credited to them at a liberal price on their										
tithing EDW. HUNTER.										
dec. 27 4-1t Presiding Bishop.										
FRO I ER A have and he is fat IV at										
N F append English of the Editor into										
- 1. L. corner. Enquire of the Editor. Jalo										
T OST-On the morning of the 29th ult., a										
LA Scotch Plaid Scarf from a boy's nesk, in 14th										
Ward. Will the finder please present it to the Ed-										
itor. jan10										
TATANTED-Five tons of hay of the best quali-										
VV ty in exchange for salt, to be delivered at A.										
Whites' in the 13th Ward.										

CHAS WHITE. WANTED-All kinds of fruit trees, shrubbery, and plants. Also, fruit seeds of all kinds: VV and plants. Also, fruit seeds of all kinds; locust, thorn, chestout, and all other kinds of seeds

It will be seen that the objauchess is so small that the solid nucleus of the earth for thousands of could have supposed that by the simple oscillations which the second nucleus of any description, are want-that it does not differ much from a sphere. If we miles around each pole would be laid bare, forming of a clock pendulum, mathematicians could sit in bye, when buller is a little cheaper; and you, dear

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1	Equatorial diameter	1			-	79:5 648	è.
1	olar diameter -		7	-		7809.170	
j	Polar compression	-	-		-	26.478	
1	Proportion of diameter	TS	ns 23	9.3	3 tn	298.33.	
-	Mr. Bessel has more r	ren	ently	ca	leula	ted the sai	ne
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lits	results do not differ	fre	an th	e ú	13 UNG	ters as giv	en
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('To be continued.)