PAGES 5 TO 8. Daily

PAGES 5 TO 8.

WATERSPOUTS.

IVE MONSTER WHIRLING CONES APPEAR IN A BUNCH.

ful Figures. A brief and simple description of a water spout would be that it was a liminutive tornado at sea, caused by the meeting of opposite currents in the high atmosphere. This contact pro-luces a circular motion which evolves the dark or black cloud caused by rapid condensation of moisture, and radually a whirling, fuanel-shaped cloud mass is foreated, large in torna-does, small in water spouts, or dust spouts, common on the Sahara and wher deserts. The funnel-shaped ob-lect gradually descends until the ocean surface is influenced by it, the re-sponse being seen in a pointed come of water rising to meet the descending.

vater rising to meet the descending

water rising to meet the descending, bloud. In a few moments the meeting a consummated and the singular col-amn of sigantic stature moves grace-tully away. It is rarely that water spouts are seen in the north, but in the Gulf of Mexico and the tropies they are fam-liar objects, and while attractive at a distance when met with at close onar-

tistance, when met with at close quarers they become appailing phenomena. On two occasions, I have had an op-cortunity to observe large water spouls at close range. The location

spouts at close range. The location was Garden Key, in the Guil of Mexico, about eighty miles from Cuba, a spot in the summer months more or less 'amous for visitors of their kind. Long,

ow-lying clouds would be seen, reachng down singular fingers of

by Prof. C. F. Holder in the Gulf of of Merico-Huge Columns of Water and Cloud Dance Across the Waves in Grace

VOL III, NO. 68.

NEWPORT NEWS, VA., FRIDAY, MARCH 25, 1898.

PRICE SINGLE COPY, TWO CENTS ONE WEEK, TEN CENTS

ful Figures.

FLOATED LIKE DUCKS

(Continued from Fourth Page.)

DESCREPTION OF THE SHIPS. The Kentsarge and Kentacky are letter ships, and when completed they till be the most formidable of Unite sum's fighting machines. They were novided for by act of Congress, ap-noved March 2, 185, and on the sec-nd of the following Janaary their construction was arwarded to the New-Sart News Shipbulfiling and Dry Dock Compony for the individual concrast price of \$2,250,000, and thist, too, with-out the numsual inducement of a bonus for excess of speed. The ships are floating for the ships are floating for the ships are floating for theses in a formidable type, and in action would render a good ac-count of themselves in behaving of the mensions of one upply other, and their genera

normal displace

sphacement 11.525 ton horse-power (inicated) 10,000 ton speed, required

errors intractions, and work to the errors that exposes theelt to the of this steel-clud blast. Four tor-tubes, two on each slide mut-wild complete the offensive phase e ships. The 134m h and 8-2m h are housed in two-storied turn-ts. 8-5m h guns are in the upper dult, ise fixed rgidly to the lower hall, he whole structure has a swing of grees, and all four guns are point-the sume general direction and i from side to sole by one real-rs great engaging the lower hall, generally none inclus which, but would to eleven inches which, but would to eleven inches ut the front. rany none arches arches back, but to eleven inches at the from't guins are overed by fifteed ardened steel also, except \mathbf{z} where there is an addes of two faches. To pierce the lower turrets, a shot would ke them from a distance of some and these are on for lower to ke them from a with all the pe-toposing what

i in the superstructure is the battery of fourteen 5-inch ere it faces an enemy. It is d by hardened steel six inches aled by hardened steel six momen and no explosive 6-inch shel-ret through that bulwark. Ea.2 plon is separated from the ad-gun by a two leach wall of steel the effect of penetrating shot resting shell may be bocalized of these guns has a service speed of six aimed shot a minthat the effect of penetration g show any be localized, the of obesis shell may be localized, the of obesis for any be localized, the of obesis of six almed shot a min-Booch shot weights fifty pounds, is a pounders are mounted in part the berth deck forward and aff. The the berth deck forward and aff. The the berth deck forward and aff. The set of them are piaced in the super-leture above the 5-inch gune, where ed on the bridges and up on the stary tops. To feed all these guns, is sign be bridges and up on the stary tops. To feed all these guns, is will be protected from attack by road band of 16 1-2-inch armor, runs a dongside and amisibility for a dis-se of 14 feet, and tapets there are your inches of the sterm. This built ditons only 31-2 feet will be above a steed which rise from different a steed which rise from different a steed which rise from the above a steed which rise from the above of the amid the ather normality of the thick rests on the protect is formed by the ubboariship builts de arm inboard and end agains is well be engines. If the man attemt which rise from the protect is seen which runs from the protect of the sheavy roof and mun the strick and the ather one wells of this heavy roof and mun the strick are thick rests on the free armor. Under the protecting shells of this heavy roof and mun the strick runs are and the ather such a band of cellurlose, extending from m to stern, and back of the first and arm to which the steel when the wither or which runs and shell rooms. A a band of cellurlose, extending from m to stern, and back of the first and a band the back of the first and or which runs and a shell rooms. A plug all sho

Imitting water. Imitting water. Inter a will be cantrolled by elec-and the same power will bring munition from the store rooms breaches of all the store rooms have this own signal ad the lower half of each mast m a vast windyspe down which ir will be drawn to the depths reat.

f tripple expansion engine actuate the twin screws, reat bolkers with a pressure is of steam, will supply the steam, will to drive the those screws quite 120 times Eighty odd auxidiary engines

Ellen and Cartana and a second

BATTLESHIP KEARSARGE CRADLED IN A FOREST OF TIMBER BATTLESHIP KENTUCKY, SHOWING THE TRAVETEING, CRANE FIGHTING TOP FOR THE KEARSARGE FROPELLOR BLADES AND SHAFT FOR THE NEW BATTLESHIPS TWO BIG NOSES THRUST THROUGH TH SCREFOLDING

Battleships Kearsarge and Kentucky on the ways as they appeared ten days ago. (By COURTESY OF THE PHILADEL PHILA RECORD.)

of these bottlesh.ps, though by qu-means the least. Save the Indiana class, they carry the heavlest batteries in accord with modern naval avactice, and with primary batteries fully equal to that class, they mean secondary and with primity is mount second: to that class, they mount second suns, in such fusion as to make a combination almost unequaled in na-architecture. The bg ritles, four architecture. The bg ritles, four one sweeping the entire sea for the other with qual range, pice as to command the sea from by straight astern. There are the allower, yet the British nevy first allower, yet the British nevy first allower scens small, yet the A can gun has about 25 per cent power.

difference s-ems small, yet the Ameri-can gun has about 25 per cent more power. At this point in the armament of the ships the American designers have embarked in a total designers have embarked in a total designers have embarked in a total designers have experiment, the result of which will be matriane world. Instead of descending at obt move from the heavy primary battery to the small calibre rapid fire youns, as is done in the time of cruisers, it has become the custom of newal architects to interpose a battery of medium calibre guns, six or eight inch yours, as is done in the time of cruisers, in smaller information of the share of number of the small space consum-ing machinery attends of these turners, such as the turning engines and ma-chemery, independent aurmainston hois: a shields and the like, that much more engine power could be placed in the hull of the ship and that much more engine power could be placed in the hull of the ship and that much more engine power could be placed in the hull of the ship and that much more armore could be carried. They solved the problem by rigidly attaching the smaller turrels, each containing two S-inch urities, to the top of the big 13-inch turrels, the plan had another adventage than weight saving. Theo-ably the craft does not float that would survive the awful impact from the four guns of one of these combined turners upon one small section of its hull, and because they are trained in unison their

- Contractor

OF THE PHILADEL PHTA RECORD.)
bern Dacember 29, 1879, in Lancaster, Ky. the county seat of Garestrd counses, the attended ese local schools in her nalive town: Hammon Female College, at Lexington; the Conservatory of Music, Cheinnati, and is now a student in Washington College, Washington, D. C. Her mother, one of the handsomest matrons in Kerflucky, was Miss Marguret R. Duncam. On both sides of her family she is relaxed to distinguished soliders, statesmen and jurists. Her grand father, Robert M. Bradley, was the grantest land lawyer Kentucky ever produced, and was remarkable as an orator and humorist. His grand grander, Robert M. Bradley, was the grantest land hawyer was a soldier in the Revolution and its brother Isaac. fell at Monterey, Wexico. Miss Bradley's mother is the rand dughter of Samuel McKee, nember of Congress, the great nice, decling Jurist, Border K. S. Nett, Maker U. S. N., Maker George R. McKee, U. S. N., Maker George R. McKee, U. S. N., and Licut, Collinfautry, who was killed at Stone River, were her cousins. Miss Bradley is an excomplished musicina, has a well developed taste for River, were her cousins. Miss Bradley is an excomplished musicina, has a well developed taste for River, were her cousins. Miss Bradley is an excomplished musicina, has a well developed taste for River, were her cousins. placed high in the military tops where they can rain bullets down below. To protect the hull which carries all this offensive power, 161-2 inches of armor is placed along the sides, disping four feet below the water line, and numer-ous heavy bulkheads are disposed to prevent any shot that may enter from iraversing. The engines, the visals of and throw upward any pr r that deck lies 10,000 horse-of bollers, engines and other arry capable of pushing the vas wough the water at the rate of t sixteen khois, a good speed for ht trains on lond, and besides there has then about a moller method Trengit (routs on into, ind destausment the no less than shirty smaller engine to boost anchors, pull up boats, driv synamos and otherwise help the crew The big turnets awing noislessly an quickly by electricity, the largest ap plication yet made of electric power it

quickly by electrices, including a second se

ed by

HERBERT WINSLOW.

MRS. HERBERT WINSLOW. Mrs. Herbert Winslow, who christen ed the battleship Kearsarge, is a lady of high social standing and comes . Virginia perentage on her father's side She is the write of Lieutenant Comman der Herbert Winslow, United State. ichardson of the lichardson, who itry Herbert had ten the vessel, her father say-l her she would then turned the sponsor over Navy, the only surviving son of A3-miral Winslow, who commanded the old Kenrsarge when she met and sank the Alabama, June 19, 1864, off Cher-bourge France to Secretary Long, who immediately appointed Miss Bradley. Under these circumstances the sensitive young Kentuckian felt free to accept the hon-or, and so notified the Secretary in a pratty letter. bourg, France. Miss Elizabeth Maynard was born ir Washington, the daughter of Lafayette

Fress

steamship has become in exact science which the sailarman never gets a chance to learn, and which can be ac-quired only by circeful study under the direction of officers themselves. The mail steamers that receive money from the Government under the terms of the subsidy act number advict thirty, and carry altogether over 100 cidets. Forty of these are on the four big passenger steamens of the American fine, the New York, Paris, St. Louts and St. Faal, which are the pride of Ameri-com travelers. The positions on these beaust for the substance and thouse the lower and the state of the substance to state and makes it ensy for the because the experiments and number advices beaust for the set and makes it ensy for the set of the best and makes it ensy for the is of the best and makes it ensy for the cheir terms of apprenticeship expire.

is of the best and makes a care to be a sub-young officers to obtain places when their terms of appenticeship expire. THE APPRENTICESHIP. The cadets are appointed by the ma-ring superintenient. Most of them ar elected from the boys on one of at school ships, though occusionally one selected who has not had any previou training. The schoolship boys receil their appointments at the age of fife-or sixteen, and spend two years of bound she St Mary's, or one of her si onally one is

r sixteen, and spend board due St. Mary's, or one of her sis-er ships of the old navy. There they are instructed in the rull-ments of sermanship. They ure taught to man the boats, to set sails and to wat the rigging. Although the selling ship After two years of this work, a set of eighteen, he receives his of ship, let us say on the big liner York. The squad of ten enders i which is known evers

vigation as it exists today, the ordeal stafety he re-ink of quartermaster until t place as third officer or when he becomes a full-

usital subs a few years, they rs and narly a doze long the officials masters among the officials of erican line who have been train-tom tuders. Third officer Lyon, Paris, who has just left the em-thy International Navigation ny to accept a higher position e Paris, who has just left the e of the International Navigac-pany do accept a higher posit the Pacific Mod Line, is one

'I think that the cadet system is giv ing the greatest satisfaction boilt to the Government and to the steamship com tanies," said Officer Lyon recenty. "From my own experience I belly seels is the most e devisd. Two this learn thoroughly are of the highest importance in modern steamship sailing are naviga-tion in all its scientific principles and he rules of the road. A knowledge of he latter is not the least important itrt of a commander's qualifications, nd it can be learned nowhere else so rell as on shipboard."

SACRIFICED EVERYTHING.

on a glass-like sea with these gigantic columns on either hand. Escape would have been almost impossible if the wa-ter spouts had moved in our direction, as the boat was too heavy to row with any rapidity, and there was no wind for sailing. For some moments these colossal columns appeared to stand uplifting the sky, outlined with striking distinctness, then they to bend like gigantic bows a as felt which id soon all the uence moved way. One pass-

The various spouls appeared to form simultaneously. Almost before it could be realized the boat was floating

ROUP OF WATERSPOUTS. ng cloud, which ultimately sailed away before the breeze full-fiedged wa-ier spouts.

On one occasion, writes I. F. Holdon the statistic where it is all boat from a key on the extreme outer portion of the growing atoli. When portion of the growing atoll. When within two miles of port we ran into what we supposed would be a squall, an enormous black cloud; but instead of producing wind as we had expected, simultaneously four or five long at-tenuated black fingers suddenly be-gan to drop from the clouds, compilet-ly surrounding us. Two were in our rear about half a mile away: twe others an eighth of a mile distant in front, and a fifth to the left. I im-agined I could see the whirling more agined I could see the whirling move ment as they descended. When half way down a cone, resembling the lower portion of a balloon, seemed to be depending from the black cloud, which appeared to retain a perfectly horizon-tal position to the earth. Presently we saw the water rising beneath them; saw the water rising beneath them; first leaping upward in a singular and erratic manner, falling back to rise again as though impelled reluctantly upward from beneath by some my-sterious force; then it assumed shape; a large base, from which rose an at-tenuated point, now rapidly being whiled about by the revolving wind, which lifted the encomous malche which lifted the enormous weight higher and higher until the two met, forming a pillar which seemed a sup-port for the dark copper-colored roof which rolled overhead.

	will reduce the bar of the muscular en- guas of the of these combined turne	s her (ather's home at that time. Her		deck and the engineers's room the boy	(Cnicigo Tribune.)	move. A faint breeze was felt which
0 (1	ergies of the crew by hauling and low- upon one small section of its hull, and		LIFE OF SHIP CADETS.	has a chanc to follow his bent, which	"Have you any objection to telling	rapidly grew stronger and soon all the
	ering the boats, raising the anohors, because they are trained in unison the		and the second se	may be for the exist mechanised less at	me, my friend," asked the philanthropic	columns under its influence moved
	loading the coul, discharging the ashes, projectiles must strike close together		How Young Americans Are Trained for	edge requierd to drive a modern racing	visitor at the jail, "what started you on	
	bringing the shot, shell and powder With this saving in weight the d		the Navy	engine, such as is used on the ocean fly-	i your career of crime?"	slowly and gracefully away. One pass-
	from the depths below and turning the signers were able to give splendid a		(From the Louisville Courier-Journal.)	And an for the many must be a set	No sir, answered the hand-looking	ed so near us that the roar was dis-
AND Y - SHOW	turrets. armor is of Harveyized mickel ste		When Congress passed the needed aub-	Commanding officer	c.tizen behind the bars. "It was a fond-	tinctly heard; but the danger was so
	ANOTHER DESCRIPTION. of American invention, and the be		any act for the encouragement of Am-	I like wound mallor becomes a sade	ness for taking pictures."	
	There are targer battleships afloat on in the world up to this date, as is show	n i	encean shipping, it included as one of	etizineer he is set to work below dealer.	"Amateur photography?"	imminent that we rowed the heavy
	a state of the second stat		for the store a model of the store	Where he is under the dimension of the	1 10, not so bad us that, rejoined the	sailboat as far from them as possible.
	sarge and Kentucky; there are even after protection to the ships. All of the	91	and encouragement of American sations	tritief environment The menderative decomment	hard citizen, with a momentary gleam	passing between two and easily avoid-
1.	larger armored cruisers in the British in this above, for a like reason, va		Dive provided that on all the ships	Camillar with the management of the	of anger in his eye. I burgiar.zed an	ing them when the wind sprang up.
E.a.	navy, such as the splendid cruisers in thickness frov eleven to nime inch		benefited by the Government strate	THEFT Dalament machines which and	Lare Parters,	
	Powerful and Terrible, yet & is doubt- the ammunition hoists leading from t	daughter of Gen. Duff Green. Lieuten-	une cutet should be carried for each	more delicate then other contributions		No more majestic sight can be imagin-
238		and and Mrs. Maynard resided in Wash	introducting boils of the versal's "Durdor	100 county hower Ho prinds incine	EAFLAINED	ed than these monsters of water and
		ington for some time and then changed	i teres currer must be an American sub-	TINES. Studies conference and picke up	(Tid-Bits.)	cloud bending before the wind in gi-
		Thread residence to Son Praticised, it	force and serve an apprenticesmp of	itrom the engineers ail the lore colon-	Moliy (between waltzes)-He said that	gantic yet graceful figures, and moving
		was in the western metropolis that	three years on shipboard.	loted to be of value in obtaining high	world had been like a desert to him thi	
		cherr beautieut and accomplished	The intention of the low is to provide	speed from the great cruft. If he is	he met me.	on over the ocean, still apparently
			a steady supply of others to take	ambitious to become a chief engineer	Polly-That explains why he dances	bearing aloft the dark-hued platform
			erican flag.	in time, he continues his study of ma-	so like a camel, I suppose.	of cloud.
				thematics and navigation and by the	-	
			Amonion to is discoursed that the	time his three-years' term is over, gees	THE RIGHT MAN.	The Burning of Green Wood.
	velopments up to this date in offensive and defensive warfare as the great		sale and that is usappening from the	before the Bourd of Examiners fully	(Chicago Tribune.)	Every one who enjoys sitting by a
	game of naval strife would be played across the sea.	I attached to the United States steamship	caller ing the United States far average	equipped to become an assistant en-	"When the time comes for kicking	
	on the coast line of the United States. The combination bettery is supri	Yorktown, on the Asiatic station. They have but recently returned from the	increased they would in the course of	sineer. In charge of a part of the exact- ing work of sailing a modern steamship.	Spain out of Ocba," remarked Uncle Al-	wood fire must have observed how the
	Into their broad hulls are packed all mented by a numerous auxiliary by	t- Orient and now reside in Boston.	few years have to be manual and off	The boys who join the deck squad are	len Sparks, "What's the matter with giving the job to that grand old ki ker,	wood sputters and hisses, and fre-
	of the engine power, the armor and tery of smaller guns perched on eve	y Mrs. Winslow created not a little in-	cered by men of foreign birth becourse	placed in charge of the Quartermister.	Cap'n Anson?	quently gives of little jets of flames.
	the ordnance that the highest scientific convenient point of the superstructu	e. terest some weeks ago by positively de-	to Americana would be fitted for the	At first they are little more than errand	cup n sensor,	and again the pieces crackle and fly
	ability is able to concentrate in a float- All are rapid fire or muchine guns, i	r clining to christen the battleship Kear-	work It is true that the number of	boys, but gradually, from the talk and		
	ing structure that is able to seek a the Navy Department has profited	W Harge with water.	DECIVE American spilors on the shine	instruction of their elders, they gain a	The auction room was crowded, and, the	off at a considerable distance. This
	base of operations, a supply of fuel the lessons taught in the China-Ja	Flattered by the success of their ap-	that other our ports is growing smaller	good deal of information about saiting		is caused by the water in the wood
	and ammunition, and on opportunity to anese war of the terrible power of gu	as peak to Miss Bradley to use water at the	every year. The law referred to show is	courses, fogs, storms and cimilar topics,	being unusually choice, the blocking had	which, confined in the cells, becomes
	heal wounds received in battle. Larg-lof this type. About four motions st	f. hunching of the Kentucky the Wo-	intended to prevent such a depletion in	besides the more exact knowledge ob-	been very spirited. During an interval of	heated and generates steam. It is a
	or ships, those of deeper draft, necessa- fices to load, discharge and reload o	e man's Christian Temperance Union of	the ranks of the officers and to make	tained from their studies. After a time	the sale a man with a paie and agitated	active of other other of the in the
	rily, may not enter or attack our orts of these guns, and in rapidity of f	19 Virginia and Kentucky requested Mrs.	sure that however many ships we have	they are promoted to become quarter-	countenance pushed his way to the nuc-	surrous meet meetad heat and me
	at fighting range, and this consideration they are equal to three of the ordina	Winslow to discard the champagne	satting under the stars and stripes they	manders, and at the end of three years,	tioneer s side and engaged him in a whis-	tense cold produce fractures in various
	was always kept in mind by Chief Con- navy breechloading guns. The large	st custom and substitute pure water.	will be commandede by Americans.	If they pass their examinations, they are	pered conversation. Presently he stood	substances. In the most extreme cold
PERCENT OF	structor Hichborn, when the Kearsarge are five inch callbre, fourteen in		AN ATTRACTIVE PROFIESSION	maddit to become lighting and or mator of	Landa and the	
	and Kentucky were planned. That is sheltered behind six inch steel wa	is folk, president of the Woman's Chris-	What the law has really donie is to	the lowest rank on any American shin	with his little houses	weather it is not uncommon, especially
	the explanation of the fact -a new one and separated one from another by t		Topon a new and accinetive procession in	IOT THE MORE		if the cold has come on suddenly, to
	in naval design-that these ships, with inch steel walls to minimize the		young Americans. To become a ship's	All the cadets wear uniforms of blue.	"Ladies and gentlemen," he said in a	and trees that are split from the top to
	& displacement of 11,525 tons, draw fects of an exploding shell in any con	- I ly would be willing to follow Miss Brail-	officer, to tread the deck of some ocean	with sollar traising round care with	houd voice, I have to inform you that a	the ground by the action of the frost.
	only 23 feet of water, less than the ar- partment. Then there are six pounde		litter respiendent in brass buttons and	the name of their ship lettered on the	gentleman present has lost his pocketbook	and the second se
	mored cruisers New York and Brock- one pounders and Gatlings, mainly i		gold trimmings, and to have the men	front and blue memory with the mond	containing £50. He offers \$5 for He re-	of the wood, and so suddenly is this
	in combat to one of these battleships, boats or to clear a deck or an op		all touch their caps and call him "Sr"	"andet" in part letters ciarons the front	turp."	
	The connect to one of these balloesnips, boots or to oreal a block of an op	mars Christine Bradley is the only			Instantly a small man in the back-	done that the trees burst as would a
	Light draft on heavy displacement is port hole or earth work. To facility	aughter of Governor William O'Con-	the old days it could be realized only	the beginning. When they rise to the		pitcher or mug in which water was
	only one of the many valuable qualities this, some of the machine guns a	or encucky. She was	by a long and severe service before the	irank of quartermaster the pay is in-	attention and a second s	confined The Ledger.
	The second se			a superior of the second s		