

TEMPERATURE AND DENSITY.

1281

Station No.
Date, 4 Jan 1889
Time of day (5,300m': of tide, El
Locality, Off Cage Freat, Exact position, 33 48 10
Exact position, 33 48 10
78 (4.45
Depth, b-factions
-Nature of bottom, gray sand & gravel Dredging instrument used, dridge
Dredging instrument used, dridge
Direction of drift, Sw. Lw; distance. Temperature of air, 54° therm. No.545
Temperature of air, 54° therm. No.545.
of surface water, 50. 5 . 5385
- " at depth of fathoms, "
at bottom,
Density at surface (22 4, 5
·· - at depth-of fathoms, - · · ·
" at bottom, ".
" at bottom, " Number of salinometer, 5 2 49
Barometer reading.
State of sky. Clear
Direction of wind, WE; force. Mrderate
Rain,
Direction of surface current. Styl : force,
Name of vessel. " " " " " " " " " " " " " " " " " " "
Name of vessel, Sold Name
Service to which attached, W.S.F.C.
27 1 1 0 11 0
Name and rank of commanding officer,
Name and rank of commanding officer, Reter Flore Sieut U.S. N. Name and position of observer, W.S. Adams with

Dredge fouled and lost, according it instructions no bottom density and templeatine were taken, sounding apparatus wort bring in pasition.

TEMPERATURE AND DENSITY.

Station No. 1387
Date, 124 NONA
Time of day, Warne of tide, Chip
Locality, off Capa Diear
Exact position, 33 - 42 - 15
78 84 48
Depth, b. to fathers
Nature of bottom, Coval
Dredging instrument used. dudge
Direction of drift, Stude ; distance,
Temperature of air, 54 o therm. No. 545
" of surface water, 5 2 "53 6 k
" at depth of fathoms, "
" at bottom,
Density at surface, 10 24.5 temp., 5 &
" at depth of fathoms,
at bottom,
Number of salinometer, 5249
Barometer reading. 30.25
State of sky, Clau
Direction of wind, Nouth; force, Light
Rain,
Direction of surface current, S W : force,
" of bottom " ; force,
Name of vessel, "Sight Haute"
Service to which attached, U.S.F.C.
Youe and rank of commanding officer,
Votret that Sime U.S. 7
01000
Name and position of observer CAS Adams WA Obsistant U.S. F.C.

Specimen of Coral Sponge Sea Wreling, Small ogster shells with sponge attached, a few live ogsters, drille, starfish raning Ophiophelis aculeata.

TEMPERATURE AND DENSITY.

Time of day, 245 Pen; of tide. Early flo Locality, Off care flow

Exact position, 23 45

Define O Facilities
Nature of bottom, Coral
Dredging instrument used, andga
Direction of drift, SW ; distance,
Temperature of air, 54 therm. No. 5454
of surface water, 52 5385
" at depth of fathoms, "
is at bottom,
Density at surface, 23.5 temp., 52
" at depth of fathons, "
" at bottom,
Number of salinometer, 5249
Barometer reading. 3024
State of sky. Clean
State of sky. Clear Direction of wind, State of sky. Clear : force, light
Rain,
Direction of surface current, : force,
" of bottom " : force,
Name of vessel, Dish Hawki
Service to which attached, U.S.F.C
Name and rank of commanding officer.
Weber Roth Simi U.S.N
Name and position of observer, CNDS. adams Wh
and U.S. F. Commun

three star file, sand and

Station No. 1387

RECORD OF DREDGING,

TEMPERATURE AND DENSITY.

Date, 121 Jan 89
Time of day, Bloch, of tide. Hord
Locality, off Cape Faan
Exact position,
74 04 41
Depth. T Jarlions
Nature of hottom, Rock
Dredging instrument used, drudg L
Direction of drift, S. W. ; distance,
Temperature of air, 53 therm. No. 545
of surface water, 52 538
" at depth of fathoms. "
at hottom,
Density at surface. 1024 temp., 52
" at depth of fathoms, "
" at bottom, "
" at bottom, " Number of salinometer, 5 249
" at bottom, " Number of salinometer, 5279 Barometer reading. 30.24
" at bottom, " Number of salinometer, 5279 Barometer reading. 30.24
" at bottom, " Number of salinometer, 5279 Barometer reading. 30.24
" at bottom, " Number of salinometer, 5279 Barometer reading, 30,24 State of sky. Clou Direction of wind, ; force, light
" at bottom, " Number of salinometer, 5279 Barometer reading. 30.24 State of sky. Cloar Direction of wind, ; force, light
Number of salinometer, 5249 Barometer reading. 30.24 State of sky. Clou Direction of wind, ; force, light Rain. Direction of surface current, ; force,
" at bottom, " Number of salinometer, 5219 Barometer reading, 30.24 State of sky. Clou Direction of wind, ; force, light Rain, Direction of surface current, ; force, of bottom "; force, Name of vessel, ; in the same salinometer, sa
" at bottom, " Number of salinometer, 5279 Barometer reading, 30,24 State of sky. Clou Direction of wind, ; force, light
" at bottom, Number of salinometer, 5219 Barometer reading, 30.24 State of sky. Cloa Direction of wind, ; force, light Rain. Direction of surface current, ; force, of bottom ; force, service to which attached,
" at bottom, Number of salinometer, 5219 Barometer reading. 30.24 State of sky. Clou Direction of wind, ; force, light Rain. Direction of surface current, ; force, of bottom ; force, service to which attached. 1.3.7 Yome and rank of commanding officer.
" at bottom, Number of salinometer, 5219 Barometer reading, 30.24 State of sky. Cloa Direction of wind, ; force, light Rain. Direction of surface current, ; force, of bottom ; force, service to which attached,

Springe Coral Lea Weeling

TEMPERATURE AND DENSITY.

Station No. 13 8 (?)	
Date, 7-05-19	
Time of day. 7,50 HW; of t	ide. PLood
Locality,	Interest in the
Exact position, Thomas Ch S	
Blooky PA SIM, 54W.	5 ty mich
Depth. 17 facts	
Nature of bottom, mudo	
Dredging instrument used, 2	and There
Direction of drift, N.,;	
Temperature of air, 38	therm. No.,
of surface water,	
at depth of fathon	15,
at bottom,	
Density at surface,	Tellillagum
" at depth of fathous.	
il ht hottom	**
Number of salinometer,	
Barometer reading, 30,32	
State of sky, Claudy	
Direction of wind, Colm;	force. O
Rain, Kary	
Direction of surface current,	; force,
of bottom "	: force,
Name of vessel, Fish A	ank,
Service to which attached, 2	570
Nagandrank of commanding offic	er, R Platts
NOT REST	
Name and position of observer,	Helisselmin
1/1/	Ulsean

NOTES RELATING TO STATION NO. 1388

Obtained a fear lear Perch
and a quantity of deal Spot
fish and decomposed Mud
also about a peck of each
ashes Heindere

Chicapiake Bay

TEMPERATURE AND DENSITY.

Station No. 1389
Date, Feb 19" 1892
Locality, Off Kent Island
Locality, Off Kent Island
Exact position, The Photo How HYW W. 5 & griele
Polody PASANO IN.E. X N 3 N 1.2 miles
Depth, 15 facts
Nature of bottom, Much
Dredging instrument used, y ft Bear Track
Dredging instrument used, 7 ft Bear Track
Temperature of air, 47 therm. No.,
of surface water,
is at depth of fathoms,
" at bottom, "
Density at surface, temp.,
" at depth of fathoms,
" at bottom,
Number of salinometer,
Barometer reading, 30 30
State of sky, Cloudy
Direction of wind, AE; force, 2
Hain, Kazy
Direction of surface current, _ ; force,
of bottom ": force,
Name of vessel. Fish Hank
Service to which attached, 25 70
Name and rank of commanding officer. Relate
Lunt refor
Name and position of observer. Of Cleaveland
Mobilebray

obtained a fire line Perch and a greatily of dead Spot field & decomposited much 643 Chesaperto Bay

RECORD OF DREDGING, /

TEMPERATURE AND DENSITY.

Station No. 1390
Date, 7.eb 19" 1892
Time of day, 12 50 M of tide, 666
Exact position, Con PASL NO W4 5
Exact position, Com Pr St. No W 4 5
234 miles aprox
Depth, 18 fashoms
Noture of lecture made
Dredging instrument used, 7 ft B Trawl
Direction of drift, W. NW; distance, 3/4 Mich
Temperature of air, 40 therm. No.,
of surface water, 38
" at depth of fathoms, "
at bottom, 38
Density at surface, 10,06, temp., 38
" at depth of fathoms, " at bottom, /0, /3, " 58
/
Number of salinometer, _7649. Bot Turface.
Barometer reading, 86,2-4
State of sky, Cleudy
Direction of wind, & & ; force, &
Rom. Hazy
Direction of surface current, ; force,
of bottom "; force,
Name of vessel, Fish Hank
Service to which attached,
Name and rank of commanding officer, Person
Chaigh and
Name and position of observer, OH Eleaneland
1161 11-

obtained a for line Perche and a quantity of dead of mud

Station No.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Date, Time of day. : of tide. Locality. Exact position, Depth, Nature of bottom, Dredging instrument used, Direction of drift, ; distance, Temperature of air. therm. No., of surface water, at depth of fathoms. at bottom, Density at surface. temp., " at depth of fathoms. · at bottom, Number of salinometer, Barometer reading. State of sky, Direction of wind, : force. Rain.

: force.

: force.

Name of vessel,

Service to which attached,

of bottom

Direction of surface current,

Name and rank of commanding officer.

Name and position of observer,

TEMPERATURE AND DENSITY.

Station No. Date, Time of day, ; of tide. Locality, Exact position, Depth, Nature of bottom, Dredging instrument used, Direction of drift, ; distance, Temperature of air, therm. No., " of surface water, " at depth of fathoms. " at liottom, Density at surface, " at depth of fathoms, " at bottom. Number of salinometer. Barometer reading. State of sky, Direction of wind, ; force, Rain. Direction of surface current. : force, " of bottom " ; force. Name of vessel,

Name and position of observer,

Name and rank of commanding officer,

Service to which attached,

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Name and position of observer,

Name and rank of commanding officer.

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Name and position of observer,

Name and rank of commanding officer,

Name of vessel,

Service to which attached,

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Station No. Date, Time of day. : of tide. Locality, Exact position, Depth, Nature of bottom, Dredging instrument used, ; distance, Direction of drift, therm. No., Temperature of air, of surface water, at depth of fathoms. .. at liottom, Density at surface, temp., " at depth of fathoms, " at bottom, Number of salinometer. Barometer reading. State of sky. Direction of wind, : force, Rain. Direction of surface current, ; force, " of bottom "; force,

Name and position of observer,

Name and rank of commanding officer.

Service to which attached,

Name of vessel.

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Name and rank of commanding officer,

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Station No.

Date,

Time of day. : of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used.

Direction of drift, ; distance,

Temperature of air, therm. No.,

· of surface water,

" at depth of fathoms.

" _ at l:ottom,

Density at surface, temp.,

" at depth of fathoms, "

44 at bottom, ...

Number of salinometer.

Barometer reading.

State of sky.

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom "; force,

Name of vessel.

Service to which attached,

Name and rank of commanding officer,

Name and position of observer,

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Name and rank of commanding officer,

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Service to which attached,

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Name and rank of commanding officer,

Name of vessel,

Service to which attached,

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Date,

Time of day, : of tide,

Locality,

Exact position,

Depth,

Nature of bottom.

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

· of surface water.

· at depth of fathoms. ·

at liottom,

Density at surface, temp.,

" at depth of fathoms, "

at bottom,

Number of salinometer,

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer.

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Date,

Time of day, : of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

" of surface water,

· at depth of fathoms.

" at bottom,

Density at surface, ____temp.,

" at depth of fathoms,

" at bottom, "

Number of salinometer,

Barometer reading.

State of sky.

Direction of wind, ; force,

Rain.

Direction of surface current, : force,

of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Date,

Time of day, : of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used.

Direction of drift, ; distance,

Temperature of air, therm. No.,

" of surface water,

· at depth of fathoms. · ·

.. at bottom,

Density at surface, temp.,

" at depth of fathoms, "

14 at bottom.

Number of salinometer.

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Station No. Date, Time of day. : of tide, Locality, Exact position, Depth, Nature of bottom. Dredging instrument used, Direction of drift. ; distance, Temperature of air, therm. No., of surface water. at depth of fathoms. at liottom, Density at surface, " at depth of fathoms, " at bottom. Number of salinometer. Barometer reading. State of sky, Direction of wind, ; force, Rain. Direction of surface current. ; force, " of bottom " ; force,

Name of vessel, Service to which at

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" at bottom,

Number of salinometer,

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

of bottom " ; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Name and rank of commanding officer,

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Number of salinometer.

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, : force,

of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer.

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Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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: force,

; force,

Name of vessel.

Rain.

Service to which attached,

Direction of surface current.

" of bottom "

Name and rank of commanding officer,

Station No.

Date,

RECORD OF DREDGING,

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Rain.

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of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Station No.

Date,

Time of day, : of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

of surface water,

· at depth of fathoms. ..

at bottom,

Density at surface, temp.,

" at depth of fathoms, "

4 at bottom.

Number of salinometer.

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

of bottom .: ; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Date,

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Time of day, : of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used, ...

Direction of drift, ; distance,

Temperature of air, therm. No.,

Density at surface, temp.,

at depth of fathoms.

" at depth of fathoms,

Number of salinometer.

at liottom,

Barometer reading.

" at bottom,

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

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Station No.

Date,

Time of day. : of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used, _

Direction of drift, ; distance,

Temperature of air, therm. No.,

of surface water,

" at depth of fathoms, "

" at bottom,

Density at surface, temp.,

" at depth of fathoms. "

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Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom " ; force,

Name of vessel.

Service to which attached,

Name and rank of commanding officer,

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Date,

Time of day, : of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

of surface water,

" at depth of fathoms. "

44 at bottom,

Density at surface, temp.,

" at depth of fathoms,

- at bottom.

Number of salinometer.

Barometer reading.

State of sky,

Direction of wind, ; force,

Rain.

Direction of surface current, : force,

" of bottom " ; force,

Name of vessel.

Service to which attached,

Name and rank of commanding officer,

TEMPERATURE AND DENSITY.

Station No.

Date,

Time of day. : of tide,

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

" of surface water,

" at depth of fathoms,

is at liottom, ...

Density at surface, temp.,

" at depth of fathoms, "

" at bottom,

Number of salinometer.

Barometer reading.

State of sky.

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

" of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

TEMPERATURE AND DENSITY.

Station No. Date, Time of day, : of tide. Locality, Exact position, Depth, Nature of bottom, Dredging instrument used, Direction of drift. ; distance, Temperature of air, therm. No .. of surface water. at depth of fathoms. 44 at liottom, Density at surface. " at depth of fathoms, " at bottom. Number of salinometer. Barometer reading. State of sky, Direction of wind, ; force, Rain. Direction of surface current. : force, " of bottom "; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer.

Station No.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Date, Time of day, ; of tide. Locality,_ Exact position, Depth, Nature of bottom, Dredging instrument used, Direction of drift, : distance, Temperature of air, therm. No., .. of surface water, at depth of fathoms. at bottom, Density at surface. temp., " at depth of fathoms, " at bottom. Number of salinometer. Barometer reading. State of sky.

Direction of wind, ; force,

Rain,

Direction of surface current, : force,

" of bottom "; force,

Name of vessel,

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Service to which attached,

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: force,

; force,

Name of vessel.

Service to which attached,

Direction of surface current,

" of bottom "

Name and rank of commanding officer,

TEMPERATURE AND DENSITY.

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Name and position of observer,

Name and rank of commanding officer.

Name of vessel,

Service to which attached,

Station No.

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Date, Time of day, : of tide. Locality, Exact position, Depth, Nature of bottom. Dredging instrument used, _ Direction of drift. : distance, Temperature of air, therm. No .. of surface water, at depth of fathoms. at hottom, Density at surface, temp., " at depth of fathoms, at bottom. Number of salinometer. Barometer reading. State of sky. Direction of wind, ; force, Rain.

: force,

; force,

Name of vessel,

Service to which attached,

Direction of surface current.

of bottom

Name and rank of commanding officer,

TEMPERATURE AND DENSITY.

Station No. Date, Time of day. ; of tide. Locality, Exact position, Depth, Nature of bottom, Dredging instrument used, _ Direction of drift. ; distance, Temperature of air, therm. No .. of surface water, at depth of fathoms. at bottom, Density at surface. temp., " at depth of fathoms, at bottom. Number of salinometer, Barometer reading. State of sky, Direction of wind, ; force, Rain. Direction of surface current. : force, " of bottom " : force,

Name and position of observer,

Name and rank of commanding officer,

Name of vessel,

Service to which attached,

TEMPERATURE AND DENSITY.

Station No.

Date,

Time of day. : of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used, -

Direction of drift, ; distance,

Temperature of air, therm. No.,

of surface water,

" at depth of fathoms. "

at bottom,

Density at surface, temp.,

" at depth of fathoms, "

· at bottom.

Number of salinometer.

Barometer reading.

State of sky.

Direction of wind, ; force,

Rain.

Direction of surface current, ; force,

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Name of vessel,

Service to which attached,

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TEMPERATURE AND DENSITY.

Station No. Date, Time of day, ; of tide. Locality, Exact position, Depth, Nature of bottom. Dredging instrument used, -Direction of drift, ; distance. Temperature of air, therm. No., of surface water, at depth of fathoms. 44 at bottom, Density at surface. temp., " at depth of fathoms, at bottom, Number of salinometer. Barometer reading. State of sky, Direction of wind, ; force, Rain, Direction of surface current. : force, of bottom " : force,

Name and position of observer,

Name and rank of commanding officer.

Name of vessel.

Service to which attached,

TEMPERATURE AND DENSITY.

Station No.

Date,

Time of day,

of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift,

; distance,

Temperature of air,

therm. No.,

of surface water,

**

" at depth of fathoms,

at bottom.

Density at surface,

" at depth of fathoms,

at bottom,

Number of salinometer.

Barometer reading.

State of sky.

Direction of wind,

; force,

Rain.

Direction of surface current.

: force,

44 of bottom 44

; force,

Name of vessel,

Service to which attached,

Name and rank of commanding officer,

TEMPERATURE AND DENSITY.

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Name and position of observer,

Name and rank of commanding officer,

Name of vessel,

Service to which attached,

Station No.

Date,

RECORD OF DREDGING.

TEMPERATURE AND DENSITY.

Time of day, : of tide.

Locality,

Exact position,

Depth,

Nature of bottom,

Dredging instrument used,

Direction of drift, ; distance,

Temperature of air, therm. No.,

of surface water, ...

at depth of fathoms. ...

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Direction of wind, ; force,

Rain.

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