H 6554
to
H 6583-t

Station No. H 6554 Date: June 4 1916

Hour: 4:30 P. M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | N-Z 98573 | 65.0 | — | -0.3 | 64.7 (18.17) | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W 16.6' D 18.5

Chart 1310
Pt. San Eugenio bears S 27° E (true)
dist. 4.5 mi.

Station No. H 6555 Date: June 4 191 6

Hour: 6:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | N-Z 98523 | 62.8 | — | -0.3 | (62.95) 62.5 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psyche. W 16.5 D 18.4
b

Chart 1310
Morro Redondo Pt. bears S 8½° W (true)
dist. 1.5 mi.

Station No. H 6556 Date: June 5 1916

Hour: 6:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | N-Z98523 | 60.0 | — | -0.3 | (15.39) 59.7 | ^ | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psyche: W 14.3 D 15.2

Chart 1310

Rt. tang. Cedros Isl. bears N 14° W (true)
dist. 5.8 mi.

Left tang. Cedros Isl. bears S 5° W (true)
dist. 4.0 mi.

Station No. H 6557 Date: June 5 1916

Hour: 7:30 P.M. to 6:30 P.M.

Position: Lat. Long.

Locality: Northeast landing, Cerros Isl

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf 2 3/m | | — | | | | X | |
| 6 80/m | N-298523 | 60.8 | — | -0.3 | (15.83) 60.5 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—6314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

1J—5314

NOTES

Psychr.

| | W | D |
|---|---|---|
| 2 30 pm | 14.8 6 | 15.9 |
| 6 30 pm | ~~15.9~~ 16.0 | 18.9 |

Chart 1193

Northeast Harbor, Cedros Id.; half-way between points, dist. 0.6 mi. from shore.

Station No. H 6558 Date: June 6 1916

Hour: 6:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | N-298523 | 56.4 | — | -0.3 | (13.39) 56.1 | λ | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~11.9~~ 12.0 D 13.2

Chart 1193
Light tang. Cedros Isl. bears S 66½° E (true)
dist. 2.8 mi.

Station No. H6559 Date: June 6 1916

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | N-298523 | 60.9 | — | -0.3 | (15.8°) 60.6 | ✓ | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Poyeln. W 14.3 D 16.0

Chart 1193
Light tang. Cidros Id. bears S 55° E (true)
dist. 24.7 mi.

Station No. H 6560 Date: June 6 1916

Hour: 6:45 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 16.25 | 70.8 | −0.1 | 16.15<br>61.06 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W 13, 5/4 Div. 2

Chart 1193
Left tang. Adrs Id. bears S 39° E (true)
dist. 33.0 mi.

Station No. H6561 Date: June 7 1916

Hour: 5:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 16.1 | 70.6 | -0.1 | 16.0<br>60.8 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W13.~~2~~3 : D15.6

Chart 1193

Long. 115 - 40 - 15 W

Lat 28 - 47 - 30 N

Station No. H 6562 Date: June 7 191 6

Hour: 12:30 P . M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | ~~10.88(?)~~ | 23.4 | — | — | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. Wind. 7/3 D 19.2

Chart 1193
Long. 115 - 40 - 30 W
Lat. 28 - 52 - 00 N

Station No. H6563 Date: June 7 1916

Hour: 6:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 16.9 | 71.4 | -0.1 | 16.8 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W 13.3 D 15.3
4

Chart 1193
Long. 116-01-15 W
Lat. 29-01-04 N

Station No. H 6564 Date: June 8 1916

Hour: 6:30 A. M. to - . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 15.74 | 21.0 | -0.1 | 15.64 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |

11—5314

NOTES

Psychr W 13.$\frac{8}{4}$ D 14.2

(Chart 1193)
Long. 116 - 16 - 40 W
Lat 29 - 48 - 45 N

Station No. H 6565 Date: June 8 1916

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 1491 | 15.05 | 71.1 | -0.15 | 14.90 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W 14.4 D 16.7
4

Chart 1149
Cape San Quentin bears N 59° E (true)
dist. 18.0 mi.

Station No. H6566 Date: June 8 1916

Hour: 4:30 P. M. to – . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 14.11 | 73.30 | -0.15 | 13.96 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W 13.8 D 15.3
4

Chart 1149
Rt. tang. San Martin Id. bears S 57°E (true)
dist. 8.5 mi.

Station No. H6567 Date: June 8 1916

Hour: 6:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 491 | 15.90 | 22.6 | -0.1 | 15.80 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~13.1~~ 13.2 D 15.0

Chart 1149
Camalu Pt. bears N 77° E (true)
dist. 12.5 mi.

Station No. H 6568 Date: June 9 1916

Hour: 5:20 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | | — | — | — | — | × | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: Under way.
Thermometer did not register properly.
Bandin

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W 12.7 D 13.8
8

Chart 1149
Banda Pt. bears S 80° E (true) dist. 17.0 mi.

Station No. H 6569 Date: Jun 9 191 6

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | Richter 150 | 17.1 | 17.8 | +.2 | 17.3 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W 14.~~2~~ 3 D 15.7

Chart 1149
Left tang. largest Coronado Isl. bears S 54½° W (true)
dist. 5.2 mi.

All bearings, surface temperature and psychrometer readings to here checked; also corrections of Thermometers H.P.J. N.Z.

Station No. H 6570 Date: June 19 1916

Hour: 6:45 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 429 | 14.7 | | +0 | 14.7 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~13.1~~ 13.2 D 15.1 81%

Chart 1149

Descanso Pt. bears N 2¼ W (true) dist 13.6

Station No. H 6571 Date: June 20 1916

Hour: 6:30 A. M. to – . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 429 | 14.05 | — | +0 | 14.05 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psyche. W ~~12.7~~ 12.8 D 14.2 84 0/0

Chart 1193

Rt. tang. Cape San Quentin bears N 63 1/3 E (true)
dist. 12.9

Station No. H6572 Date: June 20 1916

Hour: 8:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | S-V 479 | 13.35 | — | +0 | (56.1) 13.40 | ✓ | |
| " | Dolphin Inst. | 13.40 | | | | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~12.3~~ 12.4 D 14.0 83%

Chart 1193
Baja Pt. bears N 88 E (true) dist. 12.4

Station No. H6573 Date: June 20 1916

Hour: 9:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 111.3 | | — | (57.7) 14.3 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~12.8~~ 12.9 D 14.7 81%

Chart 1193

San Antonio Pt. bears S 87 E (true) dist. 14.4

Station No. H6574 Date: June 20 1916

Hour: 10:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.6 | | — | (60.1) 15.6 | x | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~13.4~~ 13.5 D 15.2 82%

Chart 1193
San Antonio Pt. bears N 55½ E (true) dist. 12.6

Station No. H 6575 Date: June 20 191 6

Hour: 11:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.5 | | — | (59.9) 15.5 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W ~~12.4~~ 13.5 D16.1 75%

Chart 1193

San Carlos Pt. bears N 62 E (true) dist. 18.7

Station No. H 6576 Date: June 20 1916

Hour: 12:30 P. M. to – . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.7 | | — | (60.3) 15.7 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~14.2~~ 14.3 D 17.3 72%

Chart 1193

San Carlos Pt. bears N32E (true) dist. 22.8

Station No. H 6577 Date: June 20 191 6

Hour: 1:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.85 | | — | (64.1) 17.85 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W ~~13.7~~ 13.8 D 16.0 78%

(Chart 1193)
Long. 115-40-18 W
Lat 29-08-00 N

Station No. H 6578 Date: June 20 1916

Hour: 2:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.65 | | — | (60.2) 15.65 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~13.7~~ 13.8 D 16.0 78%

(Chart 1193)
Long. 115-36-25 W
Lat. 28-58-45 N

Station No. H 6579 Date: June 20 1916

Hour: 3:30 P . M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.75 | | — | (60.3) 15.75 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~+3.7~~ 13.8 D 16.6 73%

Chart 1193

Long. 115-32-30 W

Lat. 28-49-35 N

Station No. H 6580 Date: June 20 1916

Hour: 4:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.5 | | — | (59.9) 15.5 | × | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~13.7~~ 13.8 D16.1 77%

Chart 1193

Long. 115-30-29 W

Lat. 28-39-52 N

Station No. H 6580 Date: June 20 1916

Hour: 4:30 P . M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 15.5 | | — | (59.9) 15.5 | × | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psych. W ~~13.7~~ 13.3 D 15.1 82%

Chart 1193

Long. 115-30-30 W

Lat. 28-31-15 N

Station No. H 6582 Date: June 20 1916

Hour: 6:45 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | PTR 35755 | 14.3 | | — | (57.7) 14.3 | X | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | | | |

11—5314

NOTES

Psychr. W ~~12.8~~ 12.9 D 11.8 81%

(Chart 1193)

Long. 115-30-00 W

Lat. 28-18-15 N

Station No. H. 6583-a Date: June 21 1916

Hour: 1:11:00 P. M. to 1:47:45 P. M.

Position: Lat. Long.

Locality: Off San Benito Id, Mexico

Depth: 19 fath Bottom: Sample:

Wind: Direction, N.W. x W. Force, 2

Sea: S. Sky: Overcast to be .9

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| | | Revers. | Aux. | | | | |
| Sur. | PTR #35755 | 15.4° | | — | (59.7) 15.4. | | |
| 10 meter | NZ 165868 | #1 - 14.3° | 16.2° | -0.1 | ~~(59.7)~~ 14.2 | | |
| | " 165869 | #2 - 14.3° | 16.2° | -0.1 | ~~(59.7)~~ 14.2 | | |
| 30 meters | NZ 165871 | #1 | XX | | | | |
| | Rtr 37572 | #2 | XX | | | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| 30 meter | | | 1:21:05 UP 1:47:45 | Did not work properly. | | |

Eckman current meter attached beneath lower nets

Color of water: Slate gy. Transparency: not faintly visible at 10 fath.

REMARKS:

11—5314

Recorder: C. E. DeLong.

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | P.M. | P.M. | |
| Serial closing Apparatus | 10 meters | 1:21:05 | 1:37:10 | |
| | | ×1:36:05 | | |
| Serial closing ×× Apparatus | 30 meters | 1:21:05 | 1:47:45 | |
| | | ×1:36:05 | | |
| (Haul taken while at anchor, small dredging eng.) | | | | |

11—5314

NOTES

× messengers sent down.
×× Messenger failed to close nets or trip thermometers

Psych. none

Chart 1194
Rt. tang. East Benito Id. bears S 69 E (true)
dist. 1.4 mi.
Rt. tang. Middle Benito Id. bears N 37½ E (true)
dist. 0.6 mi.

(This position is the same for all observations numbered H6583)

Station No. H6583-6 Date: June 21 1916

Hour: 2:22:00 P. M. to 2:43:20 P. M.

Position: Lat. Long.

Locality: San Benito Id, Mexico

Depth: 19 fath. Bottom: Sample:

Wind: Direction, NW. x W. Force, 2

Sea: S Sky: bc .9 to overcast.

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rev. | Stem Temp. Aux. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur: | PTR # 35-7565 | 15.15 | | — | (59.2) 15.15 | | |
| 10 M. | #1 NZ165865 | 14.5° | 16.0° | -0.1 | 14.4 | | |
| | #2 NZ165869 | 14.5° | 16.0° | -0.1 | 14.4 | | |
| 30 M. | #1 NZ165871 | 13.9° | 15.1° | -0.1 | 13.8 | | |
| | #2 RTR 37572 | 13.7 | 14.5 | 0.0 | 13.7 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

~~Ekman current meter attached beneath lower meter.~~

Color of water: Slate gy. Transparency: 10 meters not barely visible at times

REMARKS:

11—5314

Recorder: C. E. DeLong

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | | P.M. | |
| Serial Closing Apparatus | 10 Meters | ×2:22:10 ×2:37:10 | 2:38:10 | |
| Serial Closing Apparatus | 30 Meters | ×2:22:10 ×2:37:10 | 2:42:20 | |

11—5314

NOTES

Haul taken while at anchor, small dredging engine.

× Messengers sent down.

2:37 pm Psych. W ~~13.6~~ 13.7 D 17.3 68%

~~Psych. W 13.6 D 17.3~~

Station No. H 6583-C Date: June 21 1916

Hour: . M. to . M.

Position: Lat. Long.

Locality: San Benito Id, Mexico

Depth: 19 fath Bottom: Sample:

Wind: Direction, NW x W Force, 2

Sea: S Sky: Overcast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| | | Rev. | Aux | | (59.9) | | |
| Surf. | PTR #35758 | 15.18° | | — | 15.18 | | |
| 10 M | #1 | 14.6° | 15.6° | -0.05 | 14.55 | | |
| | #2 | 14.6° | 15.6° | -0.05 | 14.55 | | |
| 20 M. | #1 | 13.9° | 15.5° | -0.1 | 13.8 | | |
| | #2 | 13.7° | 15.5° | 0 | 13.7 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Slate gy. Transparency: 10 meter net just visible at intervals

REMARKS:

11—5314

Recorder: C. E. De Long

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | P.M. | | |
| Serial Closing apparatus | 10 meter | 3:00:40 | 3:21:60 | |
| | | x 3:15:40 | | |
| Serial Closing apparatus | 30 meter | 3:00:40 | 3:16:80 | |
| | | x 3:14:40 | | |

11—5314

NOTES

Haul taken while at anchor, small dredging engine.

x messengers sent down.

Psychr. W ~~13.2~~ 13.4 D 16.3 72%

Station No. 6583-d Date: June 21 1916

Hour: 3:42:40 P.M. to 4:05 .M.

Position: Lat. Long.

Locality: Off San Benito I'd, Mexico

Depth: 19 fath. Bottom: Sample:

Wind: Direction, NW x W. Force, 2

Sea: S Sky: Overcast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rev. | Stem Temp. Aux. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | PTR 35755 | 14.95 | | — | 14.95 (~~56.9~~) | | |
| 10 M. | N7165868 | #1 14.5° | 15.0° | -0.05 | 14.45 (~~56.1~~) | | |
| | " 165869 | #2 — | — | | — | | |
| 30 M. | N7165871 | #1 13.9° | 15.0° | -0.1 | 13.8 (~~57.0~~) | | |
| | RTR PTM 37272 | #2 13.7° | 14.5° | 0 | 13.7 (~~56.7~~) | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Slategy. Transparency: 10 meter net not visible.

REMARKS:

11—5314

Recorder: C. E. Long.

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | P.M. | | |
| Serial Closing apparatus | 10 meters | *3:42:40 | 4:05:00 | |
| | | x 3:57:40 | | |
| Serial closing apparatus | 30 meters | *3:42:40 | 3:57:50 | |
| | | x 3:57:40 | | |

11—5314

NOTES

Haul taken while at anchor, small dredging engine.
x Time messengers were sent down.

Psych. W ~~12.4~~ 13.5 D 16.5 72%

Station No. 6583-2 Date: June 21 1916

Hour: 4:16 A.M. to 4:38 P.M.

Position: Lat. Long.

Locality: Off San Benito Id, Mexico

Depth: 19 fath Bottom: Sample:

Wind: Direction, Force, 2

Sea: S. Sky: Overcast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| | | Rev. | Aux. | | (58.9) | | |
| Surf | PtR 35755 | 14.95 | | — | 14.95 | | |
| 10 m | | 14.7 | 15.0 | -.005 | 14.65 | | |
| | | — | — | — | — | | |
| 30 m | | 14.0 | 15.0 | -0.1 | 13.9 | | |
| | | 13.8 | 14.5 | 0 | 13.8 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: gy. Transparency:

REMARKS:

11—5314

Recorder: W D Blake / C E DeLong

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| Serial Closing Apparatus | 10 M. | 4:16:20 × 4:31 | 4:32 | |
| Serial Closing Apparatus | 30 M. | 4:16:20 × 4:31 | 4:38 | |

11—5314

NOTES

Haul taken while at anchor, small dredging engine

× Time messengers were sent down.

Psychr. W ~~+24~~ 13.5 D 17.0 68%

Station No. 6583-f Date: June 21 1916

Hour: 4.49 P.M. to 5.10 P.M.

Position: Lat. Long.

Locality: Off San Benito Id - Mex

Depth: 19.2m Bottom: Sample:

Wind: Direction, Force, 2

Sea: 8 Sky: 0 cast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rev | Stem Temp. Aux | Correction | Corrected Temp. (58.8) | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | BTr 35755 | 14.92 | | — | 14.92 (57.83) | | |
| 10-m | #1 | 14.4 | 15-0 | -0.05 | 14.35 | | |
| | #2 | — | — | | | | |
| 30-m | #1 | 13.9 | 15.0 | -0.1 | 13.80 | | |
| | #2 | 13.7 | 14.10 | +0.05 | 13.75 (56.80) | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Gray Transparency:

REMARKS: 11—5314

W D Blakiv
Rec

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | ~~P.m.~~ | ~~P.m.~~ | |
| Serial closing apparatus | 10 m | 4.49<br>5.04 | 5-05 | |
| Serial closing apparatus | 30 m | 4.49<br>5.04 | 5-10 | |

11—5314

NOTES

Haul, taken while at anchor, small dredging engine -

Time messengers down 4:49
" " " 5:04

Psych. W ~~13.0~~ 13.1 Dis. 9 73%

Station No. 6583-9 Date: June 21 191 6

Hour: 5:20 P. M. to 6:47 P. M.

Position: Lat. Long.

Locality: San Benito Id - Mex

Depth: 19-2m Bottom: Sample:

Wind: Direction, Force, 2

Sea: 8 Sky: 0 Clear

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rev | Stem Temp. Aut | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | Ptr 35755 | 14.8 | | — | (58.64) 14.8 | | |
| 10-m | #1 | 14.6 | 14.5 | -0.05 | 14.55 | | |
| | #2 | — | — | | | | |
| 30-m | #1 | 14.1 | 14.8 | -0.1 | 14.0 | | |
| | #2 | 13.9 | 14.5 | +0.05 | 13.95 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Gray Transparency:

REMARKS:

11—5314

W D Blake
Rec'd

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | Pm | Pm | |
| Serial closing apparatus | 10-m | 5.20 | | |
| | | 5.35 | 6.42 | |
| Serial closing apparatus | 30-m | 5.20 | | |
| | | 5.35 | 6.47 | |

11—5314

NOTES

Haul taken at anchor
Small drift engine

Line measured down 5.20
" " " 5.35

Psych. W ~~13.4~~ 13.5 D 16.7 70%

Station No. 6583-h Date: June 21 1916

Hour: 6.55 P. M. to 7.17 P. M.

Position: Lat. Long.

Locality: San Benito Id - Mex

Depth: 19.3 m Bottom: Sample:

Wind: Direction, Force,

Sea: 8 Sky: O' cast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rev | Stem Temp. Cent | Correction | Corrected Temp. (58.6) | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf | Pt-35755 | 14.8 | | — | 14.8 | | |
| 10-m | #1 | 14.6 | 14.6 | -0.05 | 14.55 | | |
| | #2 | — | — | | | | |
| 50-m | #1 | 14.5 | 14.8 | -0.1 | 14.4 | | |
| | #2 | 14.3 | 14.3 | +0.05 | 14.35 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Gray Transparency:

REMARKS: 11—5314

W R Blake
Rec'd

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | ~~P.M.~~ | ~~P.M.~~ | |
| Serial closing apparatus | 10-7h | 6.55 | | |
| | | 7.10 | 7.11 | |
| Serial closing apparatus | 30-7h | 6.55 | | |
| | | 7.10 | 7.17 | |

11—5314

NOTES

Haul taken at anchor small dredging machine

Time messenger down – 6.55
" " " – 7.10

Psychr. W ~~12.4~~ 12.5 D 15.4 72%

Station No. 6583-i Date: June 21 1916

Hour: 7.28 P.M. to 7.49 P.M.

Position: Lat. Long.

Locality: San Benito Id - Mex

Depth: 19-3m Bottom: Sample:

Wind: Direction, Force,

Sea: 2 Sky: 0' Cast

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Rw | Stem Temp. Amf | Correction | Corrected Temp. (58.46) | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | Ptr 35755 | 14.7 | | — | 14.7 | | |
| 10-m | #1 | 14.6 | 14.5 | -0.05 | 14.55 | | |
| | #2 | — | — | | | | |
| 30-m | #1 | 14.5 | 14.5 | -0.1 | 14.40 | | |
| | #2 | 14.3 | 14.4 | +0.05 | 14.35 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Gray Transparency:

REMARKS:

11—5314

W. N. Blake
Rec'd

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | P.M. | P.M. | |
| Serial closing apparatus | 10-7m | 7.28 | | |
| | | 7.43 | 7.44 | |
| Serial closing apparatus | 30-7m | 7.28 | | |
| | | 7.43 | 7.49 | |

11—5314

NOTES

Haul taken at anchor
Small dredging machine

Time messenger down - 7.28
" " " - 7.43

Psych. W ~~17.6~~ 12.7 D 15.4 74%

Station No. 6583-j Date: June 21 1916

Hour: 8:00 P. M. to 8:21 P. M.

Position: Lat. Long.

Locality: San Benito Id. Mex

Depth: 19.3m Bottom: Sample:

Wind: Direction, WNW Force, 1

Sea: 8 Sky: Cloudy

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading Red | Stem Temp. Auf | Correction | Corrected Temp. (58.2) | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | PtR 35755 | 14.56 | | — | 14.56 | | |
| 10-m | #1 | 14.7 | 14.3 | -0.05 | 14.65 | | |
| | #2 | — | — | | | | |
| 30-m | #1 | 14.5 | 14.7 | -0.1 | 14.40 | | |
| | #2 | 14.3 | 14.3 | +0.05 | 14.35 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Gray Transparency:

REMARKS:

11—5314

U. Smith — Rec'd

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | ~~AM~~ | PM | |
| Serial closing apparatus | 10-m | 8:00 | | |
| | | 8:15 | 8:15:50 | |
| Serial closing apparatus | 30-m | 8:00 | | |
| | | 8:15 | 8:21 | |

11—5314

NOTES

Haul taken at anchor small dredging machine

2 ins messenger down — 8:00
" " " — 8:15

Psych. W ~~12.5~~ 12.6 D 15.2 74%

Station No. H 6583 K. Date: June 21 1916

Hour: 8:30 P. M. to 8:50:45 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mex.

Depth: 19 Fms. Bottom: Sample:

Wind: Direction, WNW Force, 1

Sea: S Sky: Bkg 9

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. (Aux). | Correction | Corrected Temp. (56.2) | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur. | PHR 35755 | 14.55 | | — | 14.55 | | |
| 10 m | #1 | 14.6 | 14.3 | -0.05 | 14.55 | | |
| | #2 | — | — | | | | |
| 30 m | #1 | 14.4 | 14.5 | -0.1 | 14.30 | | |
| | #2 | 14.2 | 14.4 | +0.05 | 14.25 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Stukil - Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | Pm. | Pm. | |
| Serial Closing Apparatus | 10m | 8:30 | | |
| | | 8:45 | 8:45:45 | |
| Serial Closing Apparatus | 30m | 8:30 | | |
| | | 8:45 | 8:50:45 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 8:30 pm.
" " " 8:45 "

Psychr W ~~12.7~~ 12.8 D 15.3 75%

Station No. #6583 L. Date: June 21 1916

Hour: 9:00 P.M. to 9:21 P.M.

Position: Lat. Long.

Locality: San Benito Id., Mexico

Depth: 19 fms. Bottom: Sample:

Wind: Direction, WNW Force, 1

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | Ptr 35755 | 14.6 | | — | (58.3) 14.6 | | |
| 10m | #1 | 14.7 | 14.2 | -0.05 | 14.65 | | |
| | #2 | — | — | | | | |
| 30m | #1 | 14.1 | 14.5 | -0.1 | 14.00 | | |
| | #2 | 13.9 | 14.2 | +0.05 | 13.95 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Attwil — Read.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | Pm | Pm | |
| Serial Closing Apparatus | 10m | 9:00 | | |
| | | 9:15 | 9:25:50 | |
| Serial Closing Apparatus | 30m | 9:00 | | |
| | | 9:15 | 9:21 | |

11—5314

NOTES

Haul taken at anchor; Small dredging machine.

Fine messenger down 9:00 Pm
" " " 9:15 "

Psychr. W ~~[illegible]~~ 12.5 D 15.3 72%

Station No. H 6583 m. Date: June 21 1916.

Hour: 9:31 P.M. to 9:52 P.M.

Position: Lat. Long.

Locality: San Benito Id., Mexico.

Depth: 19 fms. Bottom: Sample:

Wind: Direction, WNW Force, 1

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | PH 35755 | 14.6 | | — | (56.9) 14.6 | | |
| 10 m | #1 | 14.7 | 14.5 | -0.05 | 14.65 | | |
| | #2 | — | — | | | | |
| 30 m | #1 | 14.4 | 14.8 | +0.1 | 14.30 | | |
| | #2 | 14.4 | 14.5 | +0.05 | 14.45 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

V. Arnkil — Recd.

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | pm | pm | |
| Serial Closing Apparatus | 10m | 9:31<br>9:46 | 9:46:50 | |
| Serial Closing Apparatus | 30m | 9:31<br>9:46 | 9:52 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 9:31 pm
" " " 9:46 "

Psychr. W ~~27~~ 12.8 D 15.4 74%

Station No. # 6583 m. Date: June 21 1916

Hour: 10:00:50 P. M. to 10:20:15 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur. | PH 35755 | 14.75 | | — | ~~(58.5)~~ 14.75 | | |
| 10 m | #1 | 14.8 | 14.5 | +0.05 | 14.75 | | |
| | #2 | — | — | | | | |
| 30 m | #1 | 14.2 | 14.7 | -0.1 | 14.10 | | |
| | #2 | 14.0 | 14.5 | +0.05 | 14.05 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Smith —
Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | pm | pm | |
| Serial Closing Apparatus | 10m | 10:00:50 | | |
| | | 10:15:50 | 10:16:25 | |
| Serial Closing Apparatus | 30m | 10:00:50 | | |
| | | 10:15:50 | 10:20:15 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 10:00:50 pm
" " " 10:15:50 "

Propeln. W ~~12.6~~ 12.7 D 15.2 75%

Station No. #6583 o Date: June 21 1916

Hour: 10:28:50 P. M. to 10:48 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur. | Ptr 35755 | 14.8 | | — | (56.6) 14.8 | | |
| 10m | #1 | 14.8 | 14.5 | 0.05 | 14.75 | | |
| | #2 | — | — | | | | |
| 30m | #1 | 13.9 | 14.7 | −0.1 | 13.80 | | |
| | #2 | 13.8 | 14.0 | +0.05 | 13.85 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Stirkit — Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | pm | pm | |
| Serial Closing Apparatus | 10 m. | 10:28:50<br>10:43:50 | 10:44:30 | |
| Serial Closing Apparatus | 30 m | 10:28:50<br>10:43:50 | 10:48 | |

11—5314

NOTES

Haul taken at anchor.
Boat dredging ~~engine~~ machine.

Time messenger down pm.
" " " "

Psychr. W ~~12.6~~ 12.7 D 15.2 75%

Station No. H. 6583 p Date: June 21 1916

Hour: 10:55 P. M. to 11:15 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico.

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | PTY 35755 | 14.81 | | — | (58.6) 14.81 | | |
| 10m | #1 | 14.8 | 14.5 | -0.05 | 14.75 | | |
| | #2 | — | — | | | | |
| 30m | #1 | 14.5 | 14.7 | -0.1 | 14.40 | | |
| | #2 | 14.5 | 14.5 | +0.05 | 14.55 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Fritil —
Recd.

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | pm | pm | |
| Serial Closing Apparatus | 10m | 10:55 | 11:10:40 | |
| | | 11:10 | | |
| Serial Closing Apparatus | 30m | 10:55 | | |
| | | 11:10 | 11:15 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging Machine.

Time Messenger down 11:55 pm
" " " 11:10 "

Psychr. W ~~12.5~~ 12.6 D 15.2 74%

Station No. F. 6583 g Date: June 21 1916

Hour: 11:24 P. M. to 11:44 P. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico.

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: 3 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | Ptr 35755 | 14.9 | | — | (58.8) 14.9 | | |
| 10m | #1. | 14.7 | 14.3 | -0.05 | 14.65 | | |
| | #2. | — | — | | | | |
| 30m | #1. | 14.4 | 14.7 | -0.1 | 14.30 | | |
| | #2. | 14.7 | 14.7 | +0.05 | 14.25 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS: 11—5314

V. Stirtil — Recd.

NETS, ETC., USED

| Description | Depth | TIME Down | TIME Up | Speed |
|---|---|---|---|---|
| | | Am | Am | |
| Serial Closing Apparatus | 10m | 11:24 11:39 | 11:40 | |
| Serial Closing Apparatus | 30m | 11:24 11.39 | 11:44 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging machine.

Time messenger down 11:24 Am.
" " " 11:39 "

Psych. W ~~7.5~~ 12.6 D 15.2 74%

Station No. H. 6583 r. Date: June 21 / June 22 } 1916

Hour: 11:57 P. M. to 12:14 A. M.

Position: Lat. Long.

Locality: San Benito Id., Mexico.

Depth: Bottom: Sample:

Wind: Direction, WNW Force, 2

Sea: S Sky: 03 10

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | PtR 35755 | 14.9 | | — | (58.8) 14.9 | | |
| 100m | #1. | 14.9 | 14.5 | -0.05 | 14.85 | | |
| | #2. | — | — | | | | |
| 300m | #1. | 14.3 | 14.3 | -0.1 | 14.20 | | |
| | #2. | 14.2 | 14.0 | +0.05 | 14.25 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

V. Atkit — Recd.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| | | A.M. | A.M. | |
| Serial Closing Apparatus | 10 m | 11:51 | | |
| | | 12:06 | 12:06:45 | |
| Serial Closing Apparatus | 30 m | 11:57 | | |
| | | 12:06 | 12:14 | |

11—5314

NOTES

Haul taken at anchor.
Small dredging machine

Time messenger down 11:51 Pm 215
" " " 12:06 Am 225

June 27
12 06 am Psychr. W ~~12.5~~ 12.6 D 15.1 75%

Station No. H 6583-S Date: June 22 1916

Hour: . M. to . M.

Position: Lat. Long.

Locality: San Benito Id, Mexico

Depth: Bottom: Sample:

Wind: Direction, N.N.W. Force, 2

Sea: S Sky: bc .8 to 9

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Surf. | 1 | | | | | | |
| 10 m. | #1 | 15.5 | 16.0 | -0.05 | 15.45 | | |
| | #2 | — | — | | | | |
| 20 m. | #1 | 15.1 | 16.0 | -0.1 | 15.0 | | |
| | #2 | 14.9 | 15.4 | +0.05 | 14.95 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

C. E. DeLong.
Recorder.

NETS, ETC., USED

| Description | Depth | TIME | | Speed |
|---|---|---|---|---|
| | | Down | Up | |
| Serial Closing Apparatus | 10 m. × | 1:47:00 | 2:27:00 | |
| | × | 2:02:00 | | |
| Serial Closing Apparatus | 30 m × | 1:47:00 | 2:27:00 | |
| | × | 2:02:00 | | |

11—5314

NOTES

Ship anchored
Small dredging engine
× messenger sent down

No psychrometer reading

Station No. H 6563-t Date: June 22 1916

Hour: . M. to . M.

Position: Lat. Long.

Locality: San Benito I'd, Mexico

Depth: NNW Bottom: Sample:

Wind: Direction, 19 fath Force, 2

Sea: S Sky: bc c

TEMPERATURES

| Depth | Thermometer—Make and No. | Reading | Stem Temp. | Correction | Corrected Temp. | W. Sample | Bottle used |
|---|---|---|---|---|---|---|---|
| Sur | PtR35755 | 16.0° | | — | (60.8) 16.0 | | |
| 10 M | #1 | 15.4° | 16.6° | -0.1 | 15.30 | | |
| | #2 | — | — | | | | |
| 20 M | #1 | 15.2 | 16.2 | -0.1 | 15.10 | | |
| | #2 | 15.0 | 15.2 | +0.05 | 15.05 | | |

CURRENTS

| Depth | Hour | Tide | Time down | Revolutions | Speed | Direction |
|---|---|---|---|---|---|---|
| | | | | | | |

Color of water: Transparency:

REMARKS:

11—5314

C. E. D. Long
Recorder

NETS, ETC., USED

| Description | Depth | TIME Down P.M. | TIME Up | Speed |
|---|---|---|---|---|
| Serial Closing apparatus | 10 m. × | 2:49 | 3:11 | |
| | × | 3:04 | | |
| Serial Closing apparatus | 20 m. × | 2:49 | 3:11 | |
| | × | 3:04 | | |

11—5314

NOTES

Ship anchored

Small dredging engine

* Messengers sent down

Psych. W ~~14.7~~ 14.8 D 17.4

76%

Psychrometer reading checked — F.P.D.