

H 7120

to

H 7166

Station No. *H-7120* Date: *Aug 28 1916*

Hour: *11<sup>04</sup>* a. M. to *11<sup>45</sup>* a. M.

Position: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Locality: *Gulf of Cal*

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 479</i>	<i>27.7</i>	<i>—</i>	<i>-0.05</i>	<i>27.7</i>		<i>810</i>
<i>10</i>		<i>1 —</i>	<i>—</i>	<i>—</i>			
		<i>2 —</i>	<i>—</i>	<i>—</i>			
<i>10</i>	<i>NZ 78256 R</i>	<i>78.5</i>	<i>—</i>	<i>-0.25</i>	<i>78.25</i>		<i># 5</i>
	<i>NZ 62855 L</i>	<i>78.8</i>	<i>—</i>	<i>-0.75</i>	<i>78.05</i>		
<i>20</i>	<i>NZ 98260 R</i>	<i>75.0</i>	<i>—</i>	<i>-0.35</i>	<i>74.65</i>		<i># 2</i>
	<i>NZ 71738 L</i>	<i>75.2</i>	<i>—</i>	<i>-0.95</i>	<i>74.25</i>		
<i>30</i>	<i>SV 496 R</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		<i># 4</i>
	<i>NZ 165871 L</i>	<i>27.5</i>	<i>27.5</i>	<i>-0.15</i>	<i>27.35</i>		
<i>40</i>	<i>SV 805 R</i>	<i>19.50</i>	<i>26.5</i>	<i>+0.1</i>	<i>19.6</i>		<i># 1</i>
	<i>RTR 150 L</i>	<i>19.85</i>	<i>25.8</i>	<i>+0.05</i>	<i>19.1</i>		
<i>50</i>	<i>SV 497 R</i>	<i>19.10</i>	<i>26.5</i>	<i>.0</i>	<i>19.1</i>		<i># 3</i>
	<i>NZ 164992 L</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_ Transparency: \_\_\_\_\_

REMARKS:

*W. B. Baker  
Recd*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Sur belo app #1 net trip	10	11 <u>04</u> 11 <u>30</u>	11 <u>31</u> 11 <u>45</u>	

11-5314

## NOTES

1<sup>st</sup> msgt down - 11 04  
 2<sup>d</sup> " " - 11 30

Drifted N 33° W 6 1/4 mi.

from  
 Long. 109° 55' 20" W  
 Lat. 24° 10' 15" N

to  
 Long. 109° 59' 8" W  
 Lat. 24° 15' 35" N

chart 1664 H.O.

Station No. *F. 7120* Date: *Aug. 28* 191*6*

Hour: *1:06* P.M. to *1:46* P.M.

Position: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Locality: *Gulf of Calif.*

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 129</i>	<i>27.9</i>	<i>—</i>	<i>0</i>	<i>27.9</i>		
<i>300m.</i>	<i>NZ 165868</i>	<i>11.2</i>	<i>26.6</i>	<i>-0.25</i>	<i>10.95</i>		
	<i>2</i>	<i>-</i>	<i>-</i>	<i>-</i>			

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_ Transparency: \_\_\_\_\_

REMARKS: *Lay to.*

*Still -  
Rea.*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
300 fms. App. # 1	300 fms.	1:06	1:46 1:37	Lay to

11-5314

## NOTES

1st messenger down at 1:06 pm.

2d

"

1:36

"

Station No. # 7120 Date: Aug 28 1916

Hour: 1:58 P.M. to 7:35:30 P.M.

Position: Lat. Long.

Locality: Gulf of Calif

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.	SV 429	27.75	—	-0	27.75		Eik
75 m	NZ 62855	62.8	—	-0.5	62.3		5
	NZ 98256	62.7	—	-0.4	62.3		
100 "	NZ 71738	61.7	—	-0.6	61.1		2
	NZ 98260	61.5	—	-0.5	61.0		
150 "	NZ 165871	14.1	23.5	-0.2	13.9		4
	SV 496	R —	—	—	—		
200 "	ATR 150	13.0	21.0	-0.15	12.85		1
	SV 805	12.95	21.7	-0.05	12.9		
300 "	NZ 164892	11.05	21.7	-0.1	10.95		3
	SV 497	10.95	22.5	-0.2	10.75		
400 "	NZ 165868	10.8	27.5	-0.25	10.55		
	NZ 165869	—	—	—	—		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Light

Artificial Rec.

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
		<i>p.</i>		
Ser. Clo. App. # 1 <i>open</i>	400 m		2:35 2:20	

11-5314

## NOTES

~~1st messenger down at 2:15 p~~  
~~2nd~~ " " " "  
 2nd bottle down at 1:58 "  
~~Last bottle up at~~ "

Ser. Clo. apparatus # 1 was sent down open

Station No. *H-7120*

Date: *July 28*

191*6*

Hour: *2:53 P.M.* to *3:18 P.M.*

Position: Lat. \_\_\_\_\_ Long. \_\_\_\_\_

Locality: *Gulf of California*

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used <i>E.K.</i>
<i>Surf</i>	<i>SV 429</i>	<i>27.7</i>	<i>—</i>	<i>-0.</i>	<i>27.7</i>		
<i>10 m</i>	<i>NZ 62855</i>	<i>279.7</i>	<i>-</i>	<i>-0.75</i>	<i>78.95</i>		<i>5</i>
	<i>NZ 98256</i>	<i>R 79.0</i>	<i>-</i>	<i>-0.25</i>	<i>78.75</i>		
<i>25 m</i>	<i>NZ 71738</i>	<i>271.0</i>	<i>-</i>	<i>-0.8</i>	<i>70.2</i>		<i>2</i>
	<i>NZ 98760</i>	<i>R 70.6</i>	<i>-</i>	<i>-0.4</i>	<i>70.2</i>		
<i>40 m</i>	<i>NZ 165871</i>	<i>219.2</i>	<i>25.0</i>	<i>-0.2</i>	<i>19.0</i>		<i>4</i>
	<i>SV 496</i>	<i>R -</i>	<i>-</i>	<i>—</i>	<i>—</i>		
<i>50 m</i>	<i>Rtr 150</i>	<i>218.50</i>	<i>24.5</i>	<i>+0.05</i>	<i>18.55</i>		<i>1</i>
	<i>SV 805</i>	<i>R 18.40</i>	<i>25.0</i>	<i>+0.15</i>	<i>18.55</i>		
<i>60 m</i>	<i>NZ 164892</i>	<i>217.65</i>	<i>25.5</i>	<i>0</i>	<i>17.65</i>		<i>3</i>
	<i>SV 497</i>	<i>R -</i>	<i>-</i>	<i>—</i>	<i>—</i>		
<i>75 m</i>		<i>1</i>	<i>no reading</i>				

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_ Transparency: \_\_\_\_\_

REMARKS: *Say 6.*

*Smith-  
Pac.*



2:43

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
			<del>Down</del>	
Sw. Cl. App. #1. open	75.72	2:43	3:18 3:11 1/2	

11-5314

NOTES

Net started down at 2:43 am.  
 Messengers went at 3:10 pm.  
 No. 5 bottle down at 2:53 "

Sw. Cl. App. #1 sent down open.



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
<i>100. 20. 30. 40. 50.</i>	<i>1000</i>	<i>3.00</i>	<i>2.00</i>	

11-5314

NOTES

*100. 20. 30. 40. 50.*

Station No. *H 1121*

Date: *Aug 26* 191*6*

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

Position: Lat. *24-14-45 N* Long. *109-58-55 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 434</i>	<i>21.5</i>	<i>—</i>	<i>0</i>	<i>21.5</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7122* Date: *10/26* 191*6*

Hour: *5:00 P.* M. to *5:00* M.

Position: Lat. *24-12-S* Long. *109-56-29 W*  
*Chart 166: 100.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer -- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>S. 429</i>	<i>27.25</i>	<i>—</i>	<i>0</i>	<i>27.25</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

PS! 11 2610 D 205

Station No. *H 7133* Date: *Aug 21* 191*6*

Hour: *5:45* P. M. to . M.

Position: Lat. *24-8-10 N* Long. *109-53-8 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>51429</i>	<i>27.7</i>	<i>—</i>	<i>-0.0</i>	<i>27.7</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 11120

Date: Aug 21

1916

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

Position: Lat. 24-5 N Long. 109-49-8 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	S 1124	26.0	—	-0.	26.0		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 1125* Date: *Aug 28* 191

Hour: *7:00 P.M.* to . M.

Position: Lat. *24-3-20 N* Long. *109-46-20 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 424</i>	<i>29.2</i>	<i>—</i>	<i>0.10</i>	<i>29.10</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

POY 11257 D 29.

Station No. *H 1126* Date: *Aug 29* 191*1*

Hour: *9:30 P*. M. to . M.

Position: Lat. *24 1 25 N* Long. *109 44 00 W*  
*Chart 1664 11.0*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 1130</i>	<i>29.45</i>	<i>—</i>	<i>-0.10</i>	<i>29.35</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5311

NOTES

Station No. *H 7127* Date: *July 21* 191*1*

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

Position: Lat. *23 59 15 N* Long. *109 42 50 W*  
*Chart 1664 H.O*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>28.3</i>	<i>—</i>	<i>-0.10</i>	<i>28.20</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-511

NOTES

Station No. *11127* Date: *Aug 1* 191*6*

Hour: *8:30 P.* M. to . M.

Position: Lat. *23-56-53 N* Long. *109-59-50 W*  
*Chart 1664 H.O.*

Locality: .....

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>28.3</i>	<i>—</i>	<i>-0.10</i>	<i>28.20</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 9127* Date: *July 21* 191*4*

Hour: *9:00 P.* M. to *10:00* . M.

Position: Lat. *23-54-33 N* Long. *109-37-40 W*  
*Chart 1664 H.O.*

Locality: \_\_\_\_\_

Depth: \_\_\_\_\_ Bottom: \_\_\_\_\_ Sample: \_\_\_\_\_

Wind: Direction, \_\_\_\_\_ Force, \_\_\_\_\_

Sea: \_\_\_\_\_ Sky: \_\_\_\_\_

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>S. 1027</i>	<i>24.1</i>	<i>—</i>	<i>-1.10</i>	<i>23.00</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: \_\_\_\_\_ Transparency: \_\_\_\_\_

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Pl. 1. 253 D. 1. 1.

Station No. H 17130

Date: Aug 28

1916

Hour: 9:30 P. M. to . M.

Position: Lat. 23-52-20 N Long. 109-35-30 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	28.4	—	-0.10	28.30		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H17131*

Date: *Aug 21 1916*

1916

Hour: *10:00 P.M.* to

. M.

Position: Lat. *23-50-S N* Long. *109 33 25 W*  
*Chart 1664 H.O.*

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>54474</i>	<i>29.4</i>	<i>—</i>	<i>-.10</i>	<i>29.30</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. H 7132 Date: Aug 21 1916

Hour: 10:30 P. M. to        . M.

Position: Lat. 23-47-50 N Long. 109-51-20 W  
Chart 1664 H.O.

Locality:

Depth:        Bottom:        Sample:       

Wind: Direction,        Force,       

Sea:        Sky:       

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>54424</u>	<u>21.55</u>	<u>—</u>	<u>-0.10</u>	<u>21.45</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:        Transparency:       

REMARKS:

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5114

NOTES



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5014

NOTES

From 250 220.0

Station No. *H 7134*Date: *Aug 28*

1916

Hour: *11:30 P.* M. to . M.Position: Lat. *23 43 - 35 N* Long. *109 - 27 - 20 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>52-120</i>	<i>28.4</i>	<i>-</i>	<i>-0.10</i>	<i>28.30</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES





## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-541

NOTES

Station No. 117136 Date: Aug 29 1916

Hour: 12:30 A.M. to . M.

Position: Lat. 23-39-25 N Long. 109-23-34 W  
chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	28.0	—	0.	28.0		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. H 7137 Date: Aug 29 1916

Hour: 1:00 A. M. to . M.

Position: Lat. 73-37-29 N Long. 109-21-45 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>S 1120</u>	<u>73.4</u>	<u>—</u>	<u>—</u>	<u>73.4</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

FEW RESULTS TO DATE

Station No. *H 7138* Date: *Aug 1911* 191*1*

Hour: *1:30* A. M. to  . M.

Position: Lat. *73-35-22 N* Long. *109-19-15 W*  
*Chart 1664 H.O.*

Locality:

Depth:  Bottom:  Sample:

Wind: Direction,  Force,

Sea:  Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>50920</i>	<i>27.2</i>	<i>—</i>	<i>0</i>	<i>27.2</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:  Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7159* Date: *11-2-1916* 191*6*

Hour: *2:00* A. M. to *2:00* . M.

Position: Lat. *23-33-25 N* Long. *109-17-50 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>27.15</i>	<i>—</i>	<i>-0.1</i>	<i>27.15</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5114

NOTES



## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

100 10 2149 15 2714

Station No. H 7142Date: Aug 291916Hour: 3:30 A. M. to

. M.

Position: Lat. 23 24 37 N Long. 109-17-5 W  
Chart 1664 H.O.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>SV 429</u>	<u>27.2</u>	<u>-</u>	<u>-0.1</u>	<u>27.1</u>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7143*Date: *Aug 27*191*4*Hour: *4:00 A.* M. to

. M.

Position: Lat. *23-21-25 N* Long. *109-17-8 W*  
*Chart 1664 H.O.*

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>27.3</i>	<i>—</i>	<i>0</i>	<i>27.3</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

11-5314



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5114

NOTES

Station No. *H19144* Date: *Aug 29* 191*6*

Hour: *4:30* A. M. to . M.

Position: Lat. *23° 17' 56" N* Long. *107° 17' 8" W*  
*Chart 1664 H. O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV429</i>	<i>27.2</i>	<i>—</i>	<i>-0.1</i>	<i>27.2</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

*Pl. No. 2464 - 2664*

Station No. H 7146

Date: Aug 29

1916

Hour: 5:30 A. M. to

. M.

Position: Lat. 23-13-35 N Long. 109-19-38 W  
Chart 1664 H. O.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.2	—	0	27.2		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-544

NOTES

Station No. *H 7147*Date: *Aug 29*

1916

Hour: *6:00* A. M. to . M.Position: Lat. *23-11-45 N* Long. *109-21-45 W*  
*chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>S 1429</i>	<i>27.3</i>	<i>—</i>	<i>0.</i>	<i>27.3</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

11-5314





Station No. H7148

Date: Aug 27

1916

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

Position: Lat. 23-9-40 N Long. 109-24-00 W  
Chart 1000 110.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	S 2119	26.85	-	0.	26.85		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5011

NOTES

Station No. *H 7149*Date: *Aug 29*

1916

Hour: *7:00* A. M. to

. M.

Position: Lat. *23-7-45 N* Long. *109-26-25 W*  
*chart 1664 H.O.*

Locality:

Depth: Bottom:

Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>26.85</i>	<i>—</i>	<i>0.0</i>	<i>26.85</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed *
		Down	Up	

11-5314

## NOTES

Psy V. 24.6 D 22.6

Station No. *117150*Date: *Aug 29* 191*6*Hour: *7:30* A. M. to . M.Position: Lat. *73-5-35 N* Long. *109-28-50 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

## TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 233</i>	<i>76.6</i>	<i>—</i>	<i>0.0</i>	<i>76.6</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7151*

Date: *Aug 29*

1916

Hour: *8:00* A. M. to . M.

Position: Lat. *73-34.0 N* Long. *109-31-20 W*  
*chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 1129</i>	<i>26.85</i>	<i>—</i>	<i>0</i>	<i>26.85</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. H 7152

Date: Aug 29

1916

Hour: 8:30 A. M. to . M.

Position: Lat. 73-1-35 N Long. 109-34-30 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 429	27.6	—	0.	27.6		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 417153

Date: Aug 27

1916

Hour: 9:00 A.M. to . M.

Position: Lat. 22-59-31 N Long. 109-37-40 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV429	22.8		0	22.8		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Poy W 25. - D 26.0

Station No. *H 7154* Date: *Aug 27* 191*6*

Hour: *9:30 A* . M. to . M.

Position: Lat. *22-57-20 N* Long. *109-41-45 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>27.7</i>	<i>—</i>	<i>0</i>	<i>27.7</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES





NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. 177136 Date: August 1916

Hour: 10:30 A.M. to . M.

Position: Lat. 22-53-10 N Long. 109-49-36 W  
 Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV1129	27.6	-	0	27.6		

CURRENTS

Depth	Hour	Tide	Time down.	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way



Station No. *H 5157* Date: *Aug 29* 191*1*

Hour: *11:00 A.* M. to . M.

Position: Lat. *22-51-16 N* Long. *109-53-8 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>0</i>	<i>SV 4109</i>	<i>27.55</i>	<i>—</i>	<i>0</i>	<i>27.55</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Psy W 24.3 D 26.5



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 7159* Date: *Aug 29* 191*6*

Hour: *12:30 P. M.* to . M.

Position: Lat. *22-55-10.4* Long. *110-3-30 W*  
*chart 1664 H.C.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>24.7</i>	<i>—</i>	<i>0</i>	<i>24.7</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station No. *H 1160* Date: *Aug 28* 191*6*

Hour: *1:00* P. M. to . M.

Position: Lat. *22-57.20 N* Long. *110-5-16 W*  
*Chart 1664 H.O.*

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>25.6</i>	<i>—</i>	<i>0</i>	<i>25.6</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: *Under way*

## NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

## NOTES

Pcy 1V 23.8

D 10.2

Station No. *H 211.1*Date: *Aug 9*191*6*Hour: *1:30* P. M. to

. M.

Position: Lat. *22-57-20 N* Long. *110-8-35 W*  
*Chart 1664 H.O.*

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>SV 429</i>	<i>26.2</i>	<i>—</i>	<i>0</i>	<i>26.2</i>		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-2214

NOTES

Station No. 117163 Date: Aug 9 1916

Hour: 2:00 P. M. to . M.

Position: Lat. 23-1-25 N Long. 110-12-00 W  
Chart 1664 H.O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<u>Surf</u>	<u>SV 429</u>	<u>26.0</u>	<u>—</u>	<u>0</u>	<u>26.0</u>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way



Station No. H 7163

Date: Aug 20

1916

Hour: 3:00 P.M. to

. M.

Position: Lat. 23-15-50 N Long. 110-19-10 W

Chart 1517, 1518

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

## TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 479	25.5	—	0	25.5		

## CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Under way

11-5314



NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Pluv. 2V 28.5

28.5

Station No. H 7164

Date: 3/22/1916

Hour: 4:00 P . M. to . M.

Position: Lat. 23-10-13 N Long. 110-26-10 W  
Chart 1664 H. O.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	SV 424	25.75	—	0	25.75		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: Transparency:

REMARKS: Under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES







