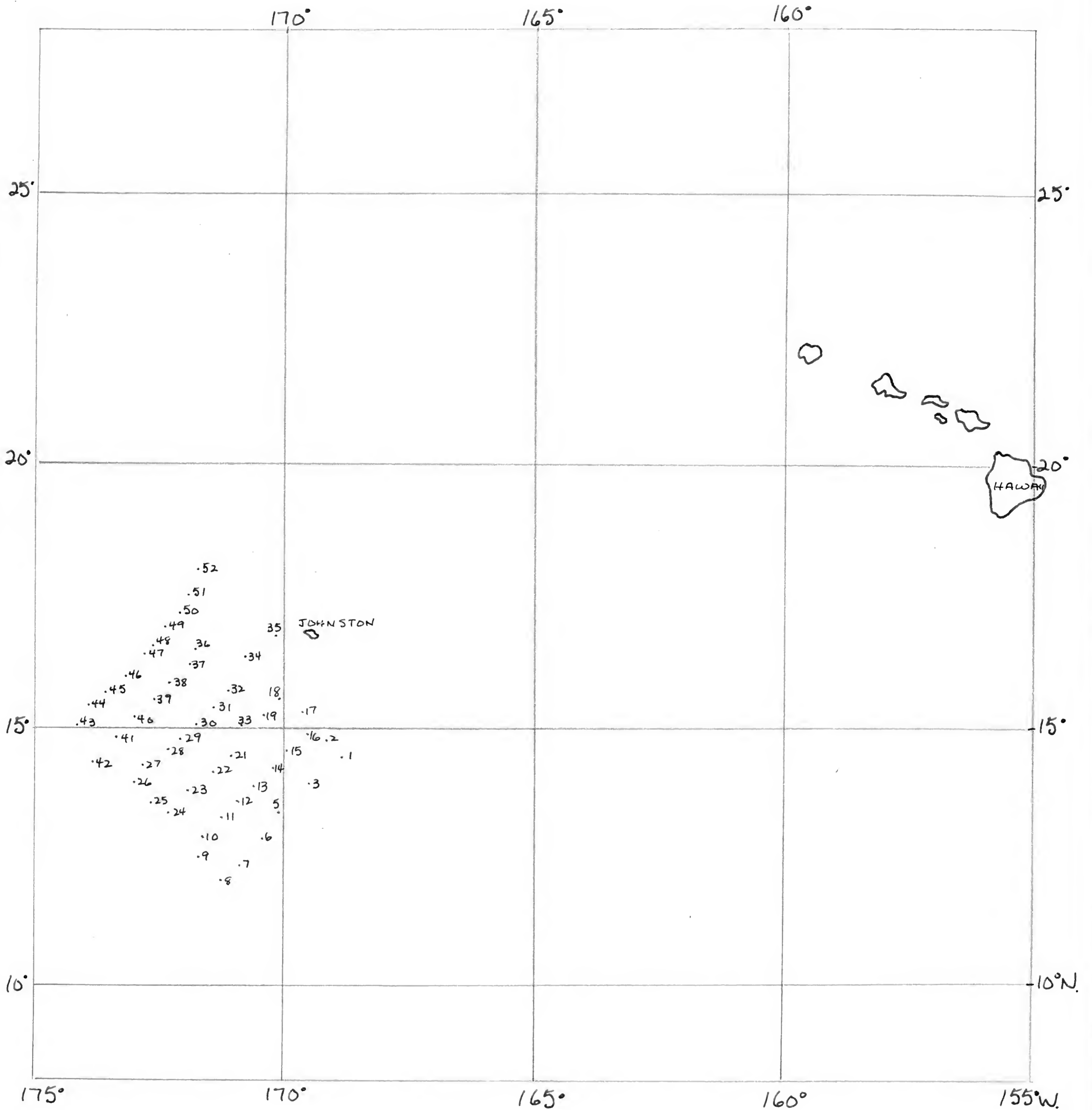


SMITHSONIAN CRUISE # 94 - SEPT.

BT STATIONS

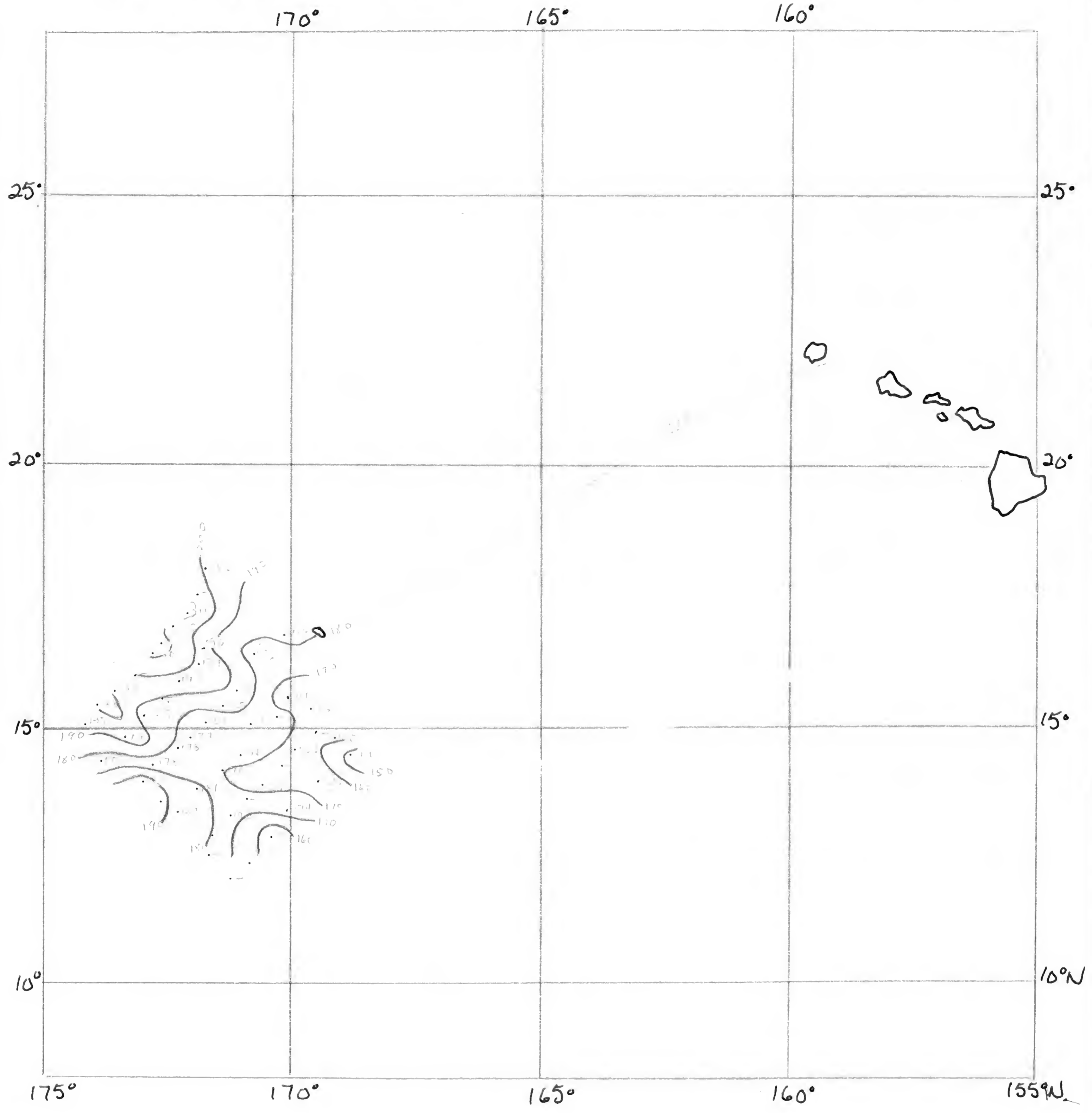
SEPT. 4, '64 to SEPT. 24, '64



CBT

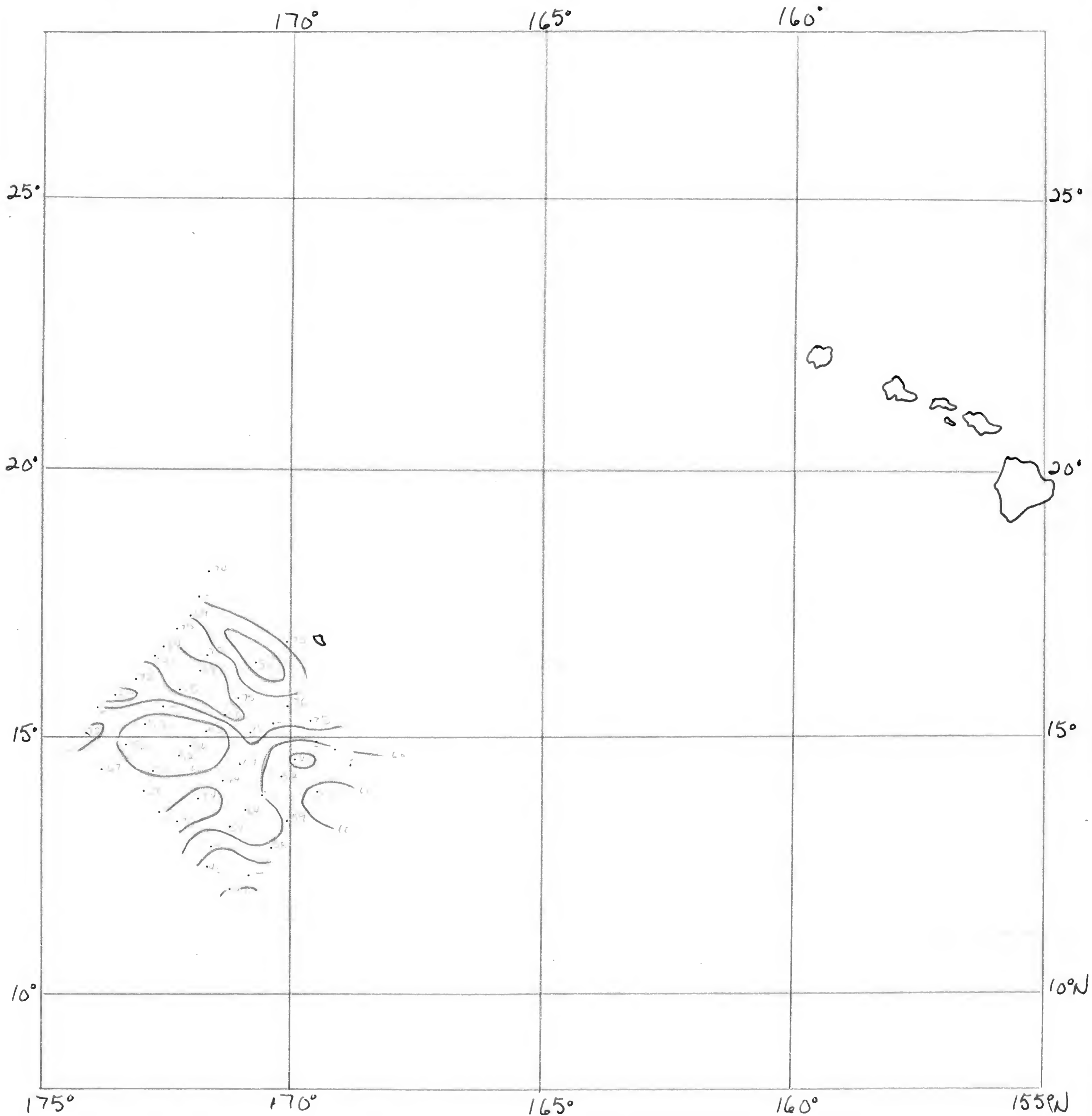
SMITHSONIAN CRUISE #94 - SEPT.  
SEPT. 4, '64 to SEPT. 24, '64

DEPTH OF 20°  
ISOTHERM



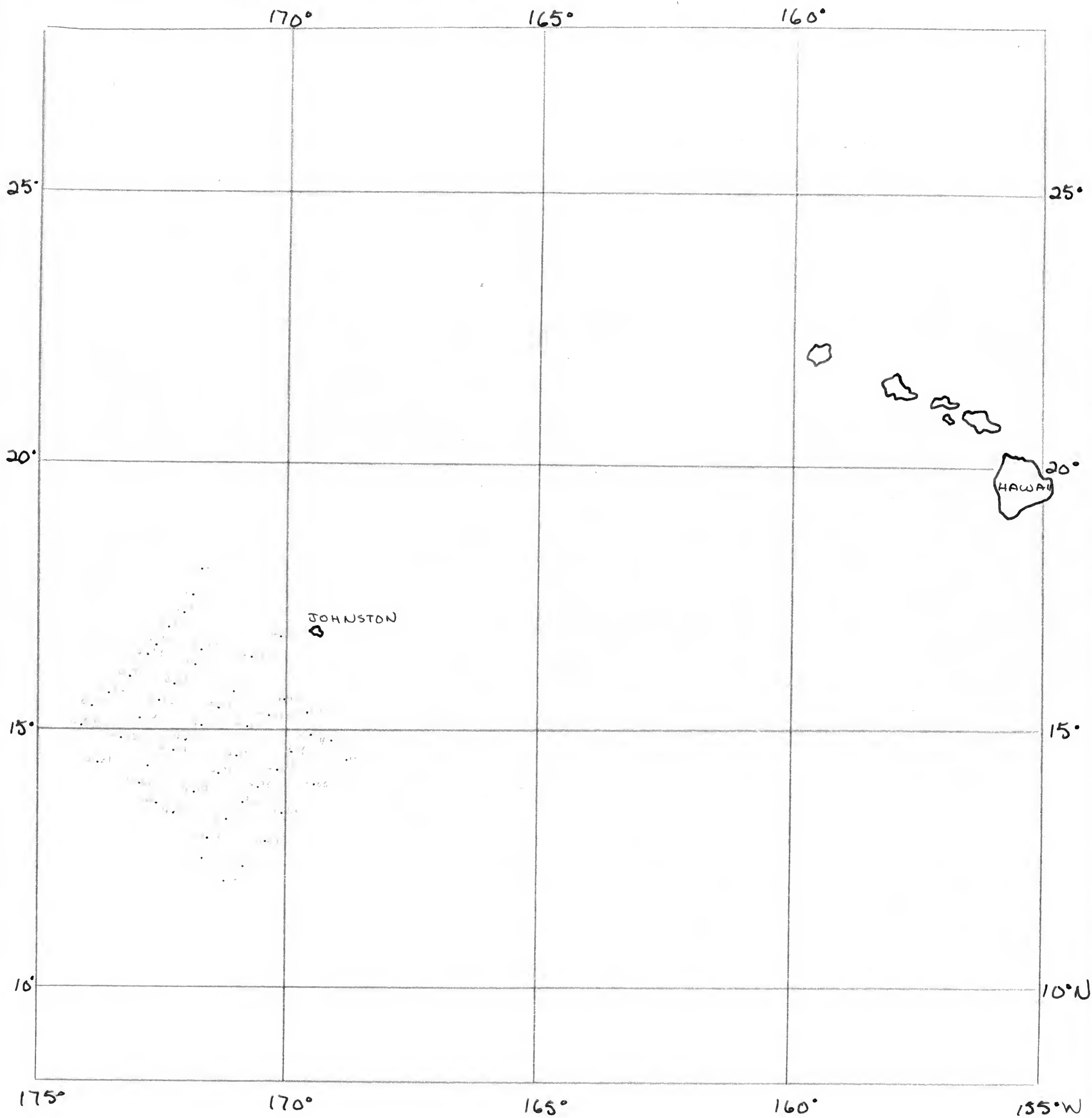
SMITHSONIAN CRUISE #94 - SEPT.  
SEPT. 4, '64 to SEPT. 24, '64

DEPTH OF THE  
MIXED LAYER



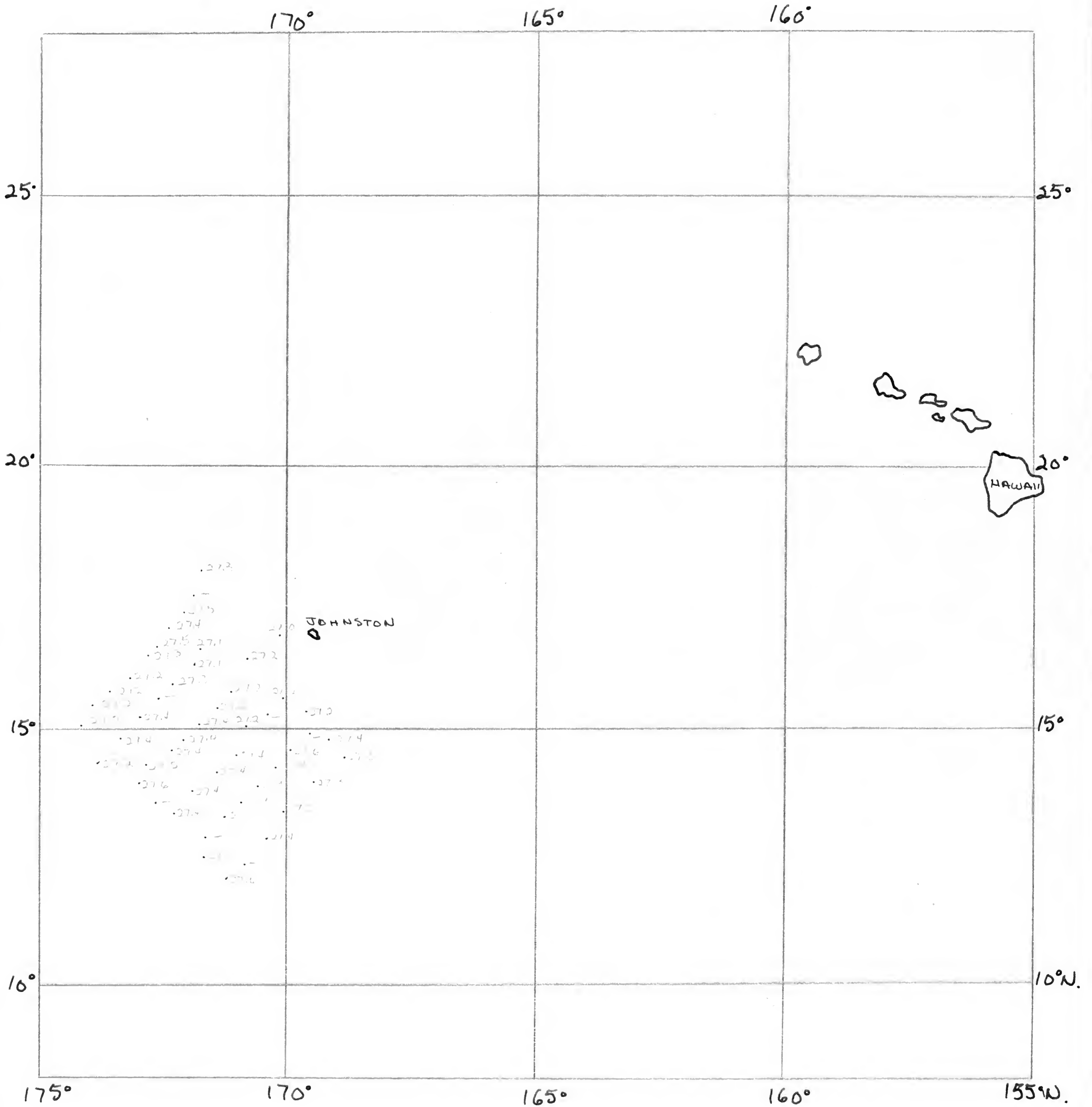
SMITHSONIAN CRUISE #94 - SEPT.  
SEPT. 4, '64 TO SEPT. 24, '64

SURFACE SALINITY ‰



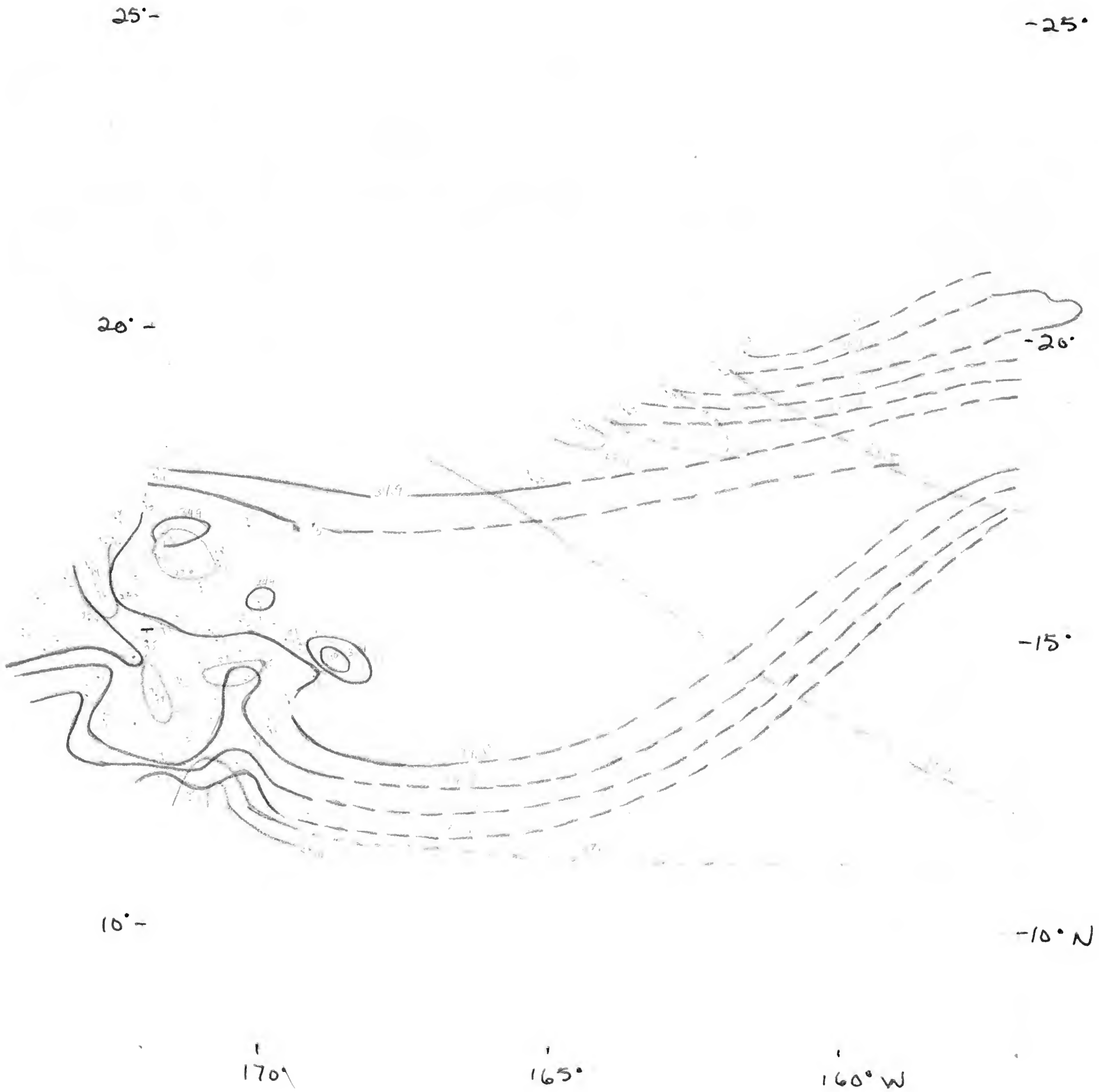
SMITHSONIAN CRUISE #94 - SEPT.  
SEPT. 4, '64 to SEPT. 24, '64

CORRECTED SURFACE  
TEMPS. °C.



SMITHSONIAN CRUISE #94-SEPT.  
SEPT. 4, '64 TO SEPT. 24, '64  
170° 165°

BUCKET TEMP. °C.  
BUCKET SALINITY ‰  
160°





Smithsonian cruises hydrographic data

| Cruise number | Station number | Time and date |      |       | Lat. | N-S     | Long.   | E-W      | Depth in m | Salinity o/oo | Water temp °C | BT station number |      |    |
|---------------|----------------|---------------|------|-------|------|---------|---------|----------|------------|---------------|---------------|-------------------|------|----|
|               |                | LZT           | day  | month |      |         |         |          |            |               |               |                   | year |    |
| 94            | 1              | 0600          | 7    | IX    | 1964 | 16° 44' | N       | 169° 11' | W          | 1             | 34.91         | 27.3              | --   |    |
|               |                |               |      |       |      |         |         |          |            | 7             | 34.87         | 27.2              |      |    |
|               |                |               |      |       |      |         |         |          |            | 13            | 34.90         | 27.3              |      |    |
|               |                |               |      |       |      |         |         |          |            | 22            | 34.90         | 27.3              |      |    |
|               |                |               |      |       |      |         |         |          |            | 119           | 34.89         | 25.8              |      |    |
|               |                | 2             | 2100 | 7     | IX   | 1964    | 14° 36' |          | 168° 52'   |               | 1             | 35.10             | 27.2 | 1  |
|               |                | 4             | 2400 |       |      |         | 14° 15' |          | 169° 08'   |               | 1             | 34.78             | 27.4 | 2  |
|               |                | 6             | 0300 | 8     | IX   | 1964    | 13° 53' |          | 169° 30'   |               |               | 34.80             | 27.3 | 3  |
|               |                | 7             | 0600 |       |      |         | 13° 24' |          | 169° 52'   |               |               | 34.79             | 27.4 | -- |
|               |                |               |      |       |      |         |         |          |            |               | 6             | 34.81             | 27.4 |    |
|               |                |               |      |       |      |         |         |          |            |               | 11            | 34.84             | 27.4 |    |
|               |                |               |      |       |      |         |         |          |            |               | 23            | 34.83             | 27.3 |    |
|               |                |               |      |       |      |         |         |          |            |               | 121           | 35.08             | 24.1 |    |
|               |                | 8             | 0600 |       |      |         |         |          |            |               | 1             | 34.77             | 27.3 | 4  |
|               |                | 9             | 0900 |       |      |         | 13° 22' |          | 170° 06'   |               |               | 34.68             | 27.4 | 5  |
|               |                | 11            | 1200 |       |      |         | 12° 51' |          | 170° 27'   |               |               | 34.51             | 27.4 | 6  |
|               |                | 14            | 1500 |       |      |         | 12° 23' |          | 170° 55'   |               |               | 34.51             | 28.1 | 7  |
|               |                | 16            | 1800 |       |      |         | 12° 05' |          | 171° 18'   |               |               | 34.44             | 27.7 | 8  |
|               |                | 18            | 2100 |       |      |         | 12° 30' |          | 171° 43'   |               |               | 34.44             | 27.4 | 9  |
|               |                | 21            | 2400 |       |      |         | 12° 52' |          | 171° 39'   |               |               | 34.71             | 27.2 | 10 |
|               |                | 23            | 0300 | 9     | IX   | 1964    | 13° 13' |          | 171° 18'   |               |               | 34.76             | 27.3 | 11 |
|               |                | 26            | 0600 |       |      |         | 13° 34' |          | 170° 56'   |               |               | 34.72             | 27.3 | 12 |
|               |                |               |      |       |      |         |         |          |            |               | 3             | 34.71             | 27.3 |    |
|               |                |               |      |       |      |         |         |          |            |               | 7             | 34.71             | 27.4 |    |
|               |                |               |      |       |      |         |         |          |            |               | 18            | 34.71             | 27.4 |    |
|               |                |               |      |       |      |         |         |          |            |               | 116           | 35.01             | 24.4 |    |
|               |                | 27            | 0900 |       |      |         | 13° 50' |          | 170° 37'   |               | 1             | 34.70             | 27.4 | 13 |
|               |                | 29            | 1200 |       |      |         | 14° 12' |          | 170° 16'   |               |               | 34.69             | 27.5 | 14 |
|               |                | 32            | 1500 |       |      |         | 14° 33' |          | 169° 58'   |               |               | 34.76             | 27.5 | 15 |
|               |                | 34            | 1800 |       |      |         | 14° 54' |          | 169° 32'   |               |               | 34.81             | 27.2 | 16 |
|               |                | 36            | 2100 |       |      |         | 15° 18' |          | 169° 38'   |               |               | 34.87             | 27.2 | 17 |
|               |                | 39            | 2400 |       |      |         | 15° 36' |          | 170° 03'   |               |               | 34.90             | 27.2 | 18 |

110342



## Smithsonian cruises hydrographic data

| Cruise number | Station number | LZT  | Time and date |       |         | Lat.    | N-S      | Long.    | E-W | Depth in m | Salinity o/oo | Water temp °C | BT station number |
|---------------|----------------|------|---------------|-------|---------|---------|----------|----------|-----|------------|---------------|---------------|-------------------|
|               |                |      | day           | month | year    |         |          |          |     |            |               |               |                   |
| 94            | 41             | 0300 | 10            | IX    | 1964    | 15° 12' | N        | 170° 25' | W   | 1          | 34.82         | 27.2          | 19                |
|               | 43             | 0600 |               |       |         | 14° 49' |          | 170° 52' |     |            | 34.82         | 27.3          | --                |
|               |                |      |               |       |         |         |          |          |     | 5          | 34.80         | ----          |                   |
|               |                |      |               |       |         |         |          |          |     | 10         | 34.84         |               |                   |
|               |                |      |               |       |         |         |          |          |     | 20         | 34.85         |               |                   |
|               |                |      |               |       |         |         |          |          |     | 115        | 34.99         |               |                   |
|               | 44             |      |               |       |         |         |          |          |     | 1          | 34.77         | 27.3          | 20                |
|               | 45             | 0900 |               |       |         | 14° 32' |          | 171° 05' |     |            | 34.71         | 27.5          | 21                |
|               | 47             | 1200 |               |       |         | 14° 08' |          | 171° 28' |     |            | 34.71         | 27.4          | 22                |
|               | 49             | 1500 |               |       |         | 13° 48' |          | 171° 56' |     |            | 34.77         | 27.7          | 23                |
|               | 52             | 1800 |               |       |         | 13° 25' |          | 172° 19' |     |            | 34.72         | 27.4          | 24                |
|               | 55             | 2100 |               |       |         | 13° 32' |          | 172° 42' |     |            | 34.76         | 27.4          | 25                |
|               | 57             | 2400 |               |       |         | 13° 56' |          | 173° 01' |     |            | 34.60         | 27.4          | 26                |
|               | 59             | 0300 | 11            | IX    | 1964    | 14° 16' |          | 172° 40' |     |            | 34.69         | 27.3          | 27                |
| 61            | 0600           |      |               |       | 14° 34' |         | 172° 19' |          |     | 34.81      | 27.3          | 28            |                   |
| 62            |                |      |               |       |         |         |          |          |     | 34.70      | 27.3          | --            |                   |
|               |                |      |               |       |         |         |          |          | 4   | 34.96      | 27.4          |               |                   |
|               |                |      |               |       |         |         |          |          | 9   | 34.71      | 27.4          |               |                   |
|               |                |      |               |       |         |         |          |          | 18  | 34.72      | 27.4          |               |                   |
|               |                |      |               |       |         |         |          |          | 117 | 34.79      | 25.2          |               |                   |
| 63            | 0900           |      |               |       | 14° 45' |         | 172° 06' |          | 1   | 34.72      | 27.5          | 29            |                   |
| 65            | 1200           |      |               |       | 15° 05' |         | 171° 49' |          |     | 34.80      | 27.5          | 30            |                   |
| 68            | 1500           |      |               |       | 15° 23' |         | 171° 27' |          |     | 34.88      | 27.2          | 31            |                   |
| 70            | 1800           |      |               |       | 15° 43' |         | 171° 09' |          |     | 34.86      | 27.1          | 32            |                   |
| 72            | 2100           |      |               |       | 15° 02' |         | 170° 53' |          |     | 34.88      | 27.0          | 33            |                   |
| 75            | 2400           |      |               |       | 16° 23' |         | 170° 49' |          |     | 34.88      | 27.1          | 34            |                   |
| 77            | 0300           | 12   | IX            | 1964  | 16° 43' |         | 170° 12' |          |     | 34.88      | 27.1          | 35            |                   |
| 79            | 0600           |      |               |       | 16° 28' |         | 171° 50' |          |     | 34.93      | 26.9          | 36            |                   |
| 80            |                |      |               |       |         |         |          |          |     | 34.93      | 26.9          | --            |                   |
|               |                |      |               |       |         |         |          |          | 7   | 34.93      | 26.7          |               |                   |
|               |                |      |               |       |         |         |          |          | 12  | 34.93      | 26.8          |               |                   |
|               |                |      |               |       |         |         |          |          | 21  | 34.93      | 26.8          |               |                   |
|               |                |      |               |       |         |         |          |          | 122 | 35.05      | 23.8          |               |                   |

## Smithsonian cruises hydrographic data

| Cruise number | Station number | LZT  | Time and date |       |      | Lat.    | N-S     | Long.    | E-W      | Depth in m | Salinity o/oo | Water temp °C | BT Station number |
|---------------|----------------|------|---------------|-------|------|---------|---------|----------|----------|------------|---------------|---------------|-------------------|
|               |                |      | day           | month | year |         |         |          |          |            |               |               |                   |
| 94            | 81             | 0900 | 12            | IX    | 1964 | 16° 13' | N       | 171° 55' | W        | 1          | 34.88         | 27.0          | 37                |
|               | 83             | 1200 |               |       |      | 15° 51' |         | 172° 20' |          |            | 34.86         | 27.3          | 38                |
|               | 85             | 1500 |               |       |      | 15° 33' |         | 172° 38' |          |            | 34.85         | 27.6          | 39                |
|               | 88             | 1800 |               |       |      | 15° 11' |         | 173° 01' |          |            | 34.82         | 27.4          | 40                |
|               | 90             | 2100 |               |       |      | 14° 48' |         | 173° 26' |          |            | 34.82         | 27.3          | 41                |
|               | 93             | 2400 |               |       |      | 14° 40' |         | 173° 49' |          |            | 34.81         | 27.3          | 42                |
|               | 95             | 0300 | 13            | IX    | 1964 | 15° 02' |         | 174° 09' |          |            | 34.83         | 27.2          | 43                |
|               | 97             | 0600 |               |       |      | 15° 27' |         | 173° 55' |          |            | 34.85         | 27.2          | 44                |
|               | 98             |      |               |       |      |         |         |          |          |            | 34.97         | 27.2          | --                |
|               |                |      |               |       |      |         |         |          |          | 4          | 34.90         | 27.2          |                   |
|               |                |      |               |       |      |         |         |          |          | 8          | 34.92         | 27.2          |                   |
|               |                |      |               |       |      |         |         |          |          | 17         | 34.91         | 27.2          |                   |
|               |                |      |               |       |      |         |         |          |          | 119        | 34.96         | 24.9          |                   |
|               |                | 99   | 0900          |       |      |         | 15° 40' |          | 173° 33' |            | 1             | 34.82         | 27.2              |
|               | 101            | 1200 |               |       |      | 16° 00' |         | 173° 13' |          |            | 34.78         | 27.4          | 46                |
|               | 103            | 1500 |               |       |      | 16° 25' |         | 172° 49' |          |            | 34.79         | 27.5          | 47                |
|               | 106            | 1800 |               |       |      | 16° 33' |         | 172° 41' |          |            | 34.78         | 27.4          | 48                |
|               | 108            | 2100 |               |       |      | 16° 53' |         | 172° 26' |          |            | 34.78         | 27.3          | 49                |
|               | 111            | 2400 |               |       |      | 17° 12' |         | 172° 06' |          |            | 34.79         | 27.3          | 50                |
|               | 114            | 0300 | 14            | IX    | 1964 | 17° 31' |         | 171° 58' |          |            | 34.94         | 27.4          | 51                |
|               | 115            | 0600 |               |       |      | 18° 00' |         | 171° 46' |          |            | 34.83         | 27.4          | 52                |

Extra copy

Sept. Cruise

Smithsonian cruises hydrographic data

ST 10542

| Cruise number | Station number | Time | Date |       |      | Lat.    | N-S     | Long.    | R-W      | Depth in m | Salinity ‰ | Water Temp °C | ST station number |   |
|---------------|----------------|------|------|-------|------|---------|---------|----------|----------|------------|------------|---------------|-------------------|---|
|               |                | LT   | day  | month | year |         |         |          |          |            |            |               |                   |   |
| 94            | 1              | 0600 | 7    | IX    | 1964 | 16° 44' | N       | 169° 11' | W        | 1          | 34.92      | 27.3          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 2          | 34.87      | 27.2          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 13         | 34.90      | 27.3          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 22         | 34.90      | 27.3          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 119        | 34.89      | 25.8          |                   |   |
|               |                | 2    | 2100 | 7     | IX   | 1964    | 14° 36' |          | 168° 52' |            | 1          | 35.10         | 27.2              | 1 |
|               |                | 4    | 2400 |       |      |         | 14° 15' |          | 169° 08' |            | 1          | 34.78         | 27.4              | 2 |
|               |                | 6    | 0300 | 8     | X    | 1964    | 13° 53' |          | 169° 30' |            |            | 34.80         | 27.3              | 3 |
|               |                | 7    | 0600 |       |      |         | 13° 24' |          | 169° 52' |            |            | 34.79         | 27.4              |   |
|               |                |      |      |       |      |         |         |          |          | 6          | 34.81      | 27.4          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 11         | 34.84      | 27.4          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 21         | 34.83      | 27.3          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 121        | 35.08      | 24.1          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 1          | 34.77      | 27.3          | 4                 |   |
|               |                | 8    | 0600 |       |      |         |         |          |          |            | 34.68      | 27.4          | 5                 |   |
|               |                | 9    | 0900 |       |      |         | 13° 22' |          | 170° 06' |            | 34.51      | 27.4          | 6                 |   |
|               |                | 11   | 1200 |       |      |         | 12° 51' |          | 170° 27' |            | 34.51      | 28.1          | 7                 |   |
|               |                | 14   | 1500 |       |      |         | 12° 23' |          | 170° 55' |            | 34.64      | 27.7          | 8                 |   |
|               |                | 16   | 1800 |       |      |         | 12° 05' |          | 171° 18' |            | 34.44      | 27.4          | 9                 |   |
|               |                | 18   | 2100 |       |      |         | 12° 30' |          | 171° 43' |            | 34.71      | 27.2          | 10                |   |
|               |                | 21   | 2400 |       |      |         | 12° 52' |          | 171° 38' |            | 34.76      | 27.3          | 11                |   |
|               |                | 23   | 0300 | 9     | X    | 1964    | 13° 21' |          | 171° 18' |            | 34.72      | 27.3          | 12                |   |
|               |                | 25   | 0600 |       |      |         | 13° 34' |          | 170° 54' |            | 3          | 34.71         | 27.3              |   |
|               |                |      |      |       |      |         |         |          |          | 7          | 34.71      | 27.4          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 18         | 34.71      | 27.4          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 116        | 35.01      | 24.6          |                   |   |
|               |                |      |      |       |      |         |         |          |          | 1          | 34.70      | 27.4          | 13                |   |
|               |                | 27   | 0900 |       |      |         | 13° 50' |          | 170° 37' |            | 34.69      | 27.5          | 14                |   |
|               |                | 29   | 1200 |       |      |         | 14° 12' |          | 170° 16' |            | 34.76      | 27.5          | 15                |   |
|               |                | 32   | 1500 |       |      |         | 14° 33' |          | 169° 58' |            | 34.81      | 27.2          | 16                |   |
|               |                | 34   | 1800 |       |      |         | 14° 54' |          | 169° 32' |            | 34.87      | 27.2          | 17                |   |
|               |                | 36   | 2100 |       |      |         | 15° 18' |          | 169° 38' |            | 34.90      | 27.2          | 18                |   |
|               |                | 39   | 2400 |       |      |         | 15° 36' |          | 170° 03' |            |            |               |                   |   |

## Smithsonian cruises hydrographic data

| Cruise number | Station number | Time and date |      |       |      | Lat.    | N-S      | Long.    | E-W | Depth in m | Salinity ‰ | Water temp °C | BT station number |      |    |
|---------------|----------------|---------------|------|-------|------|---------|----------|----------|-----|------------|------------|---------------|-------------------|------|----|
|               |                | LST           | day  | month | year |         |          |          |     |            |            |               |                   |      |    |
| 94            | 41             | 0300          | 10   | IX    | 1964 | 15° 12' | N        | 170° 25' | W   | 1          | 34.82      | 27.2          | 19                |      |    |
|               | 43             | 0600          |      |       |      | 14° 49' |          | 170° 52' |     |            |            |               |                   |      | -- |
|               |                |               |      |       |      |         |          |          |     |            |            | 5             | 34.80             | ---- |    |
|               |                |               |      |       |      |         |          |          |     |            |            | 10            | 34.84             |      |    |
|               |                |               |      |       |      |         |          |          |     |            |            | 20            | 34.85             |      |    |
|               |                |               |      |       |      |         |          |          |     |            |            | 115           | 34.99             |      |    |
|               |                | 44            |      |       |      |         |          |          |     |            |            | 1             | 34.77             | 27.3 | 20 |
|               |                | 45            | 0900 |       |      |         |          | 14° 32'  |     | 171° 05'   |            |               | 34.71             | 27.5 | 21 |
|               |                | 47            | 1200 |       |      |         |          | 14° 08'  |     | 171° 28'   |            |               | 34.71             | 27.4 | 22 |
|               |                | 49            | 1500 |       |      |         |          | 13° 48'  |     | 171° 56'   |            |               | 34.77             | 27.7 | 23 |
|               | 52             | 1800          |      |       |      | 13° 25' | 172° 19' |          |     | 34.72      | 27.4       | 24            |                   |      |    |
|               | 55             | 2100          |      |       |      | 13° 32' | 172° 42' |          |     | 34.76      | 27.4       | 25            |                   |      |    |
|               | 57             | 2400          |      |       |      | 13° 58' | 173° 01' |          |     | 34.60      | 27.4       | 26            |                   |      |    |
|               | 59             | 0300          | 11   | IX    | 1964 | 14° 16' | 172° 40' |          |     | 34.69      | 27.1       | 27            |                   |      |    |
|               | 61             | 0600          |      |       |      | 14° 34' | 172° 19' |          |     | 34.81      | 27.3       | 28            |                   |      |    |
|               | 62             |               |      |       |      |         |          |          |     | 34.76      | 27.3       | --            |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 4          | 34.56      | 27.4          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 9          | 34.71      | 27.4          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 18         | 34.72      | 27.4          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 117        | 34.79      | 25.2          |                   |      |    |
|               | 63             | 0900          |      |       |      | 14° 45' | 172° 06' |          |     | 1          | 34.72      | 27.5          | 29                |      |    |
|               | 64             | 1200          |      |       |      | 13° 05' | 171° 49' |          |     |            | 34.80      | 27.5          | 30                |      |    |
|               | 65             | 1500          |      |       |      | 15° 23' | 171° 27' |          |     |            | 34.88      | 27.2          | 31                |      |    |
|               | 70             | 1800          |      |       |      | 15° 43' | 171° 09' |          |     |            | 34.86      | 27.1          | 32                |      |    |
|               | 72             | 2100          |      |       |      | 15° 02' | 170° 53' |          |     |            | 34.86      | 27.0          | 33                |      |    |
|               | 75             | 2400          |      |       |      | 16° 23' | 170° 49' |          |     |            | 34.88      | 27.1          | 34                |      |    |
|               | 77             | 0300          | 12   | IX    | 1964 | 16° 43' | 170° 12' |          |     |            | 34.88      | 27.1          | 35                |      |    |
|               | 79             | 0500          |      |       |      | 16° 28' | 171° 50' |          |     |            | 34.93      | 26.9          | 36                |      |    |
|               | 80             |               |      |       |      |         |          |          |     |            | 34.93      | 26.9          | --                |      |    |
|               |                |               |      |       |      |         |          |          |     | 7          | 34.93      | 26.7          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 12         | 34.93      | 26.8          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 21         | 34.93      | 26.8          |                   |      |    |
|               |                |               |      |       |      |         |          |          |     | 122        | 35.05      | 23.8          |                   |      |    |

Smitsonian cruises hydrographic data

| Cruise number | Station number | LZT  | Time and date |       |      | Lat.    | N-S | Long.    | E-W | Depth in m | Salinity ‰ | Water temp °C | WT Station number |
|---------------|----------------|------|---------------|-------|------|---------|-----|----------|-----|------------|------------|---------------|-------------------|
|               |                |      | day           | month | year |         |     |          |     |            |            |               |                   |
| 96            | 81             | 0900 | 12            | IX    | 1964 | 16° 13' | N   | 171° 55' | W   | 1          | 34.88      | 27.0          | 37                |
|               | 83             | 1200 |               |       |      | 15° 51' |     | 172° 20' |     |            | 34.86      | 27.3          | 38                |
|               | 85             | 1500 |               |       |      | 15° 33' |     | 172° 38' |     |            | 34.85      | 27.6          | 39                |
|               | 88             | 1800 |               |       |      | 15° 11' |     | 173° 01' |     |            | 34.82      | 27.4          | 40                |
|               | 90             | 2100 |               |       |      | 14° 48' |     | 173° 26' |     |            | 34.82      | 27.3          | 41                |
|               | 93             | 2400 |               |       |      | 14° 40' |     | 173° 49' |     |            | 34.81      | 27.3          | 42                |
|               | 95             | 0300 | 13            | IX    | 1964 | 15° 02' |     | 174° 09' |     |            | 34.83      | 27.2          | 43                |
|               | 97             | 0600 |               |       |      | 15° 27' |     | 173° 55' |     |            | 34.85      | 27.2          | 44                |
|               | 98             |      |               |       |      |         |     |          |     |            | 34.97      | 27.2          | --                |
|               |                |      |               |       |      |         |     |          |     | 4          | 34.90      | 27.2          |                   |
|               |                |      |               |       |      |         |     |          | 8   | 34.92      | 27.2       |               |                   |
|               |                |      |               |       |      |         |     |          | 17  | 34.91      | 27.2       |               |                   |
|               |                |      |               |       |      |         |     |          | 119 | 34.96      | 24.0       |               |                   |
|               | 99             | 0900 |               |       |      | 15° 40' |     | 173° 33' |     | 1          | 34.82      | 27.2          | 45                |
|               | 101            | 1200 |               |       |      | 16° 00' |     | 173° 13' |     |            | 34.78      | 27.4          | 46                |
|               | 103            | 1500 |               |       |      | 16° 25' |     | 172° 49' |     |            | 34.79      | 27.5          | 47                |
|               | 106            | 1800 |               |       |      | 16° 33' |     | 172° 41' |     |            | 34.78      | 27.4          | 48                |
|               | 108            | 2100 |               |       |      | 16° 53' |     | 172° 26' |     |            | 34.78      | 27.3          | 49                |
|               | 111            | 2400 |               |       |      | 17° 12' |     | 172° 06' |     |            | 34.79      | 27.3          | 50                |
|               | 114            | 0300 | 14            | IX    | 1964 | 17° 31' |     | 171° 53' |     |            | 34.94      | 27.4          | 51                |
|               | 115            | 0600 |               |       |      | 18° 00' |     | 171° 46' |     |            | 34.83      | 27.4          | 52                |