Chart 11344 NM 30/01

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BAR CHANNEL | 33.0 | 38.0 | 39.0 | 28.0 | 12-00; 1,4-01 | 800 | 19.1 | 42 |
| JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) | 34.0 | 40.0 | 49.0 | 49.0 | 2,4-01 | 400 | 1.4 | 40 |
| THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W) | 28.0 | 40.0 | 42.0 | 38.0 | 2,3-01 | 400 | 6.0 | 40 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side A) NM 30/01

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BAR CHANNEL | 33.0 | 38.0 | 39.0 | 28.0 | 12-00; 1,4-01 | 800 | 19.1 | 42 |
| JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) | 34.0 | 40.0 | 49.0 | 49.0 | 2,4-01 | 400 | 1.4 | 40 |
| THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W) | 28.0 | 40.0 | 42.0 | 38.0 | 2,3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W) | 29.0 | 37.0 | 40.0 | 33.0 | 2,3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W) | 30.0 | 37.0 | 36.0 | 27.0 | 3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W) | 32.0 | 37.0 | 39.0 | 34.0 | 3,4-01 | 400 | 5.0 | 40 |
| THENCE TO 210 BRIDGE | 36.0 | 40.0 | 37.0 | 35.0 | 2,3-01 | 400 | 4.4 | 40 |
| THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W) | 37.0 | 39.0 | 40.0 | 37.0 | 2,3-01 | 400 | 2.0 | 40 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11347 (Side B) NM 30/01

CALCASIEU PASS AND RIVER

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BAR CHANNEL | 33.0 | 38.0 | 39.0 | 28.0 | 12-00; 1,4-01 | 800 | 19.1 | 42 |
| JETTY CHANNEL TO (29°46'00.0"N, 93°20'40.0"W) | 34.0 | 40.0 | 49.0 | 49.0 | 2,4-01 | 400 | 1.4 | 40 |
| THENCE TO A POINT (29°52'00.0"N, 93°20'43.0"W) | 28.0 | 40.0 | 42.0 | 38.0 | 2,3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (29°58'00.0"N, 93°20'10.0"W) | 29.0 | 37.0 | 40.0 | 33.0 | 2,3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (A) (30°04'00.0"N, 93°19'38.0"W) | 30.0 | 37.0 | 36.0 | 27.0 | 3-01 | 400 | 6.0 | 40 |
| THENCE TO A POINT (B) (30°09'00.0"N, 93°19'58.0"W) | 32.0 | 37.0 | 39.0 | 34.0 | 3,4-01 | 400 | 5.0 | 40 |
| THENCE TO 210 BRIDGE | 36.0 | 40.0 | 37.0 | 35.0 | 2,3-01 | 400 | 4.4 | 40 |
| THENCE TO END OF 400 CHANNEL (30°13'09.0"N, 93°15'08.0"W) | 37.0 | 39.0 | 40.0 | 37.0 | 2,3-01 | 400 | 2.0 | 40 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11389 NM 30/01

PORT ST. JOE AND PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| PORT ST. JOE HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 26.2 | 28.0 | 21.0 | 4-00 | 300-500 | 8.0 | 35-37 |
| NORTH CHANNEL | 27.3 | 27.8 | 27.8 | 4-00 | 300 | 4.1 | 35 |
| TURNING BASIN | 25.9 | 26.3 | 27.1 | 4-00 | 650 | 0.3 | 32 |
| HARBOR CHANNEL | 26.2 | 25.5 | 25.7 | 4-00 | 250 | 0.3 | 35 |
| SOUTH CHANNEL | | A | | | 200 | 1.1 | 27 |
| PANAMA CITY HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 32.0 | 30.3 | 26.3 | 4-01 | 450-300 | 2.1 | 34-32 |

A. NOT MAINTAINED

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11390 (Side A) NM 30/01

PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH MILES) | DEPTH (FEET) |
| PANAMA CITY HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 32.0 | 30.3 | 26.3 | 4-01 | 450-300 | 2.1 | 34-32 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11391 NM 30/01

PANAMA CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH MILES) | DEPTH (FEET) |
| PANAMA CITY HARBOR | | | | | | | |
| ENTRANCE CHANNEL | 32.0 | 30.3 | 26.3 | 4-01 | 450-300 | 2.1 | 34-32 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side A) NM 30/01

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001
AND SURVEYS TO MAR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| ST. JOHNS BAR CUT RANGE, EAST SECTION | 37.6 | 38.0 | 41.1 | 36.0 | 11-00 | 800 | 2.1 | 42 |
| ST. JOHNS BAR CUT RANGE, WEST SECTION | 32.6 | 37.5 | 37.1 | 31.9 | 11-00 | 800 | 1.5 | 38 |
| PILOT TOWN CUT RANGE | 26.0 | 39.0 | 39.1 | 35.7 | 11-00 | 950 | 1.0 | 38 |
| MAYPORT CUT RANGE | 37.5 | 39.1 | 39.2 | 36.4 | 11-00 | 1050 | 0.7 | 38 |
| SHERMAN CUT RANGE | 38.4 | 39.9 | 38.7 | 33.4 | 11-00 | 950-650 | 0.5 | 38 |
| MILE POINT LOWER RANGE AND TURN | 38.2 | 37.6 | 35.9 | 28.4 | 11-00 | 650 | 0.9 | 38 |
| TRAINING WALL REACH | 38.3 | 37.9 | 38.3 | 35.8 | 11-00 | 650-500 | 1.1 | 38 |
| SHORT CUT TURN | 34.4 | 40.0 | 41.3 | 40.7 | 11-00 | 600 | 0.4 | 38 |
| WHITE SHELLS CUT RANGE | 34.5 | 37.5 | 38.9 | 40.4 | 11-00 | 580-1280 | 0.7 | 38 |
| ST. JOHNS BLUFF REACH | 36.4 | 37.3 | 36.5 | 34.5 | 11-00 | 1200-1100 | 0.6 | 38 |
| DAMES PT.-FULTON CUTOFF | 36.2 | 38.2 | 38.1 | 32.7 | 3-01 | 1280-500 | 2.7 | 38 |
| DAMES PT. TURN | 37.3 | 37.6 | 37.7 | 38.2 | 3-01 | 900-1200 | 0.4 | 38 |
| QUARANTINE I. UPPER RANGE | 37.9 | 37.6 | 38.6 | 38.2 | 3-01 | 1000-550 | 0.7 | 38 |
| BRILLS CUT RANGE | 37.7 | 37.9 | 38.0 | 35.8 | 3-01 | 550-450 | 0.8 | 38 |
| BROWARD POINT TURN | 33.0 | 38.7 | 37.5 | 37.4 | 3-01 | 625-850 | 1.0 | 38 |
| BLOUNT ISLAND CHANNEL | 22.6 | 28.3 | 29.3 | 26.9 | 11-00 | 300-800 | 1.7 | 30 |

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11491 (Side B) NM 30/01

ST. JOHNS RIVER CHANNEL DEPTHS
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001
AND SURVEYS TO MAR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | LEFT INSIDE QUARTER | RIGHT INSIDE QUARTER | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| QUARANTINE I. UPPER RANGE | 37.9 | 37.6 | 38.6 | 38.2 | 3-01 | 1000-550 | 0.7 | 38 |
| BRILLS CUT RANGE | 37.7 | 37.9 | 38.0 | 35.8 | 3-01 | 550-450 | 0.8 | 38 |
| BROWARD POINT TURN | 33.0 | 38.7 | 37.5 | 37.4 | 3-01 | 625-850 | 1.0 | 38 |
| DRUMMOND CREEK RANGE | 38.2 | 38.5 | 38.5 | 35.4 | 3-01 | 650-400 | 1.5 | 38 |
| TROUT RIVER CUT RANGE | 39.0 | 38.9 | 40.8 | 38.7 | 3-01 | 400-500 | 1.0 | 38 |
| CHASEVILLE TURN | 36.2 | 38.9 | 39.6 | 37.5 | 3-01 | 500-700 | 0.6 | 38 |
| LONG BRANCH RANGE | 38.0 | 38.2 | 40.7 | 38.0 | 3-01 | 650-2000 | 0.7 | 38 |
| TERMINAL CHANNEL | 26.1 | 30.2 | 25.4 | 20.6 | 2,12-00;3-01 | 575-1025 | 3.0 | 34-38 |

NOTE: THE RANGE LIGHTS DO NOT IN EVERY INSTANCE MARK THE CENTERLINE OF THE CHANNEL.
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11506 NM 30/01

BRUNSWICK HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| BAR CHANNEL | | | | | | | |
| (ST SIMON RANGE) | 33.0 | 33.5 | A30.5 | 5-01 | 500 | 7.7 | 32 |
| PLANTATION CREEK RANGE | 36.0 | 41.0 | 40.0 | 5-01 | 400 | 1.8 | 32 |
| JEKYLL ISLAND RANGE | 34.0 | 34.0 | 31.0 | 5-01 | 400 | 1.9 | 30 |
| CEDAR HAMMOCK RANGE | 30.5 | 32.0 | 31.0 | 5-01 | 400 | 1.4 | 30 |
| BRUNSWICK PT CUT RANGE | 28.0 | 28.0 | 27.0 | 5-01 | 400 | 2.4 | 30 |
| EAST RIVER | | | | | | | |
| LOWER REACH | B30.0 | 29.0 | 24.5 | 5-01 | 400 | 1.1 | 30 |
| UPPER REACH | 28.0 | 27.0 | 25.5 | 5-01 | 350 | 1.0 | 27 |
| EAST RIVER TURNING BASIN | 27.0 | 28.5 | 28.5 | 5-01 | 750 | 0.2 | 30 |
| TURTLE RIVER LOWER RANGE | 35.0 | 30.5 | 30.0 | 5-01 | 300 | 1.7 | 30 |
| BLYTHE ISLAND RANGE | 31.0 | 27.0 | 25.5 | 5-01 | 300 | 1.5 | 30 |
| TURTLE RIVER UPPER RANGE | 28.0 | 28.5 | 27.0 | 5-01 | 300 | 2.7 | 30 |
| SOUTH BRUNSWICK RIVER | 29.0 | 30.0 | 31.0 | 5-01 | 400 | 1.3 | 30 |

A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W.

B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 26 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 27.5 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.

NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN AND ACADEMY CREEK)

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

# BRIDGEPORT, CONN

Predicted times and heights of high and low water-Eastern Standard Time. For Daylight Saving time, add 1 hour.
To predict local tide, apply the time difference listed in the facility tabulations to these tide predictions.

| JULY 2001 | | | | AUGUST 2001 | | | | SEPTEMBER 2001 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
| 1 | 0145 | 0.1 | 16 | 0057 | 0.7 | 1 | 0308 | 0.3 | 16 | 0223 | 0.1 |
| Su | 0746 | 6.6 | M | 0700 | 6.2 | W | 0911 | 6.5 | Th | 0826 | 6.7 |
| | 1354 | 0.5 | | 1302 | 0.9 | | 1515 | 0.8 | | 1431 | 0.4 |
| | 2007 | 7.7 | | 1916 | 7.3 | | 2125 | 7.3 | | 2043 | 7.9 |
| 2 | 0240 | 0.0 | 17 | 0153 | 0.4 | 2 | 0354 | 0.3 | 17 | 0318 | -0.2 |
| M | 0841 | 6.6 | Tu | 0756 | 6.3 | Th | 0957 | 6.6 | F | 0921 | 7.1 |
| | 1446 | 0.5 | | 1357 | 0.7 | | 1601 | 0.8 | | 1528 | 0.1 |
| | 2057 | 7.7 | | 2010 | 7.6 | | 2209 | 7.3 | | 2139 | 8.2 |
| 3 | 0330 | 0.0 | 18 | 0247 | 0.1 | 3 | 0435 | 0.2 | 18 | 0411 | -0.5 |
| Tu | 0932 | 6.7 | W | 0851 | 6.6 | F | 1039 | 6.7 | Sa | 1014 | 7.5 |
| | 1535 | 0.6 | | 1452 | 0.5 | | 1643 | 0.7 | | 1623 | -0.3 |
| | 2144 | 7.6 | | 2104 | 7.9 | | 2251 | 7.3 | | 2233 | 8.4 |
| 4 | 0416 | 0.0 | 19 | 0340 | -0.2 | 4 | 0514 | 0.2 | 19 | 0501 | -0.7 |
| W | 1019 | 6.7 | Th | 0944 | 6.8 | Sa | 1119 | 6.8 | Su | 1106 | 7.8 |
| | 1621 | 0.7 | | 1546 | 0.3 | | 1723 | 0.7 | | 1717 | -0.5 |
| | 2229 | 7.6 | | 2157 | 8.1 | | 2331 | 7.3 | | 2326 | 8.4 |
| 5 | 0459 | 0.0 | 20 | 0432 | -0.5 | 5 | 0551 | 0.3 | 20 | 0551 | -0.8 |
| Th | 1102 | 6.7 | F | 1036 | 7.1 | Su | 1157 | 6.9 | M | 1156 | 8.1 |
| | 1704 | 0.7 | | 1640 | 0.0 | | 1802 | 0.7 | | 1811 | -0.6 |
| | 2312 | 7.5 | | 2250 | 8.3 | | | | | | |
| 6 | 0539 | 0.1 | 21 | 0523 | -0.7 | 6 | 0009 | 7.2 | 21 | 0018 | 8.3 |
| F | 1144 | 6.7 | Sa | 1127 | 7.4 | M | 0627 | 0.3 | Tu | 0640 | -0.8 |
| | 1746 | 0.8 | | 1733 | -0.2 | | 1235 | 6.9 | | 1247 | 8.2 |
| | 2353 | 7.3 | | 2343 | 8.4 | | 1841 | 0.7 | | 1905 | -0.5 |
| 7 | 0618 | 0.2 | 22 | 0614 | -0.8 | 7 | 0047 | 7.0 | 22 | 0110 | 8.0 |
| Sa | 1224 | 6.7 | Su | 1219 | 7.6 | Tu | 0702 | 0.3 | W | 0730 | -0.6 |
| | 1827 | 0.8 | | 1828 | -0.3 | | 1312 | 6.9 | | 1338 | 8.2 |
| | | | | | | | 1921 | 0.8 | | 2000 | -0.4 |
| 8 | 0034 | 7.2 | 23 | 0036 | 8.3 | 8 | 0126 | 6.9 | 23 | 0203 | 7.6 |
| Su | 0656 | 0.3 | M | 0704 | -0.8 | W | 0739 | 0.4 | Th | 0821 | -0.3 |
| | 1304 | 6.7 | | 1311 | 7.8 | | 1349 | 7.0 | | 1431 | 8.0 |
| | 1908 | 0.9 | | 1923 | -0.3 | | 2002 | 0.8 | | 2056 | -0.1 |
| 9 | 0114 | 7.0 | 24 | 0130 | 8.1 | 9 | 0206 | 6.7 | 24 | 0259 | 7.2 |
| M | 0735 | 0.4 | Tu | 0756 | -0.6 | Th | 0817 | 0.6 | F | 0914 | 0.1 |
| | 1345 | 6.7 | | 1404 | 7.8 | | 1429 | 7.0 | | 1526 | 7.8 |
| | 1950 | 1.0 | | 2020 | -0.2 | | 2046 | 0.9 | | 2155 | 0.2 |
| 10 | 0156 | 6.8 | 25 | 0225 | 7.7 | 10 | 0249 | 6.5 | 25 | 0357 | 6.8 |
| Tu | 0814 | 0.5 | W | 0848 | -0.4 | F | 0858 | 0.7 | Sa | 1010 | 0.5 |
| | 1426 | 6.7 | | 1459 | 7.8 | | 1510 | 6.9 | | 1623 | 7.5 |
| | 2035 | 1.0 | | 2119 | 0.0 | | 2134 | 0.9 | | 2256 | 0.4 |
| 11 | 0239 | 6.6 | 26 | 0322 | 7.3 | 11 | 0336 | 6.3 | 26 | 0458 | 6.5 |
| W | 0855 | 0.6 | Th | 0942 | -0.1 | Sa | 0944 | 0.9 | Su | 1109 | 0.8 |
| | 1509 | 6.7 | | 1555 | 7.7 | | 1557 | 6.9 | | 1722 | 7.2 |
| | 2122 | 1.1 | | 2220 | 0.2 | | 2227 | 0.9 | | 2357 | 0.6 |
| 12 | 0325 | 6.4 | 27 | 0422 | 6.9 | 12 | 0429 | 6.2 | 27 | 0559 | 6.3 |
| Th | 0939 | 0.7 | F | 1039 | 0.2 | Su | 1035 | 1.0 | M | 1209 | 1.0 |
| | 1554 | 6.7 | | 1652 | 7.6 | | 1648 | 7.0 | | 1822 | 7.1 |
| | 2212 | 1.1 | | 2322 | 0.3 | | 2324 | 0.9 | | | |
| 13 | 0414 | 6.2 | 28 | 0523 | 6.6 | 13 | 0527 | 6.1 | 28 | 0057 | 0.7 |
| F | 1025 | 0.9 | Sa | 1136 | 0.5 | M | 1131 | 1.1 | Tu | 0700 | 6.3 |
| | 1641 | 6.8 | | 1751 | 7.5 | | 1745 | 7.1 | | 1308 | 1.1 |
| | 2306 | 1.1 | | | | | | | | 1921 | 7.0 |
| 14 | 0507 | 6.1 | 29 | 0024 | 0.4 | 14 | 0024 | 0.7 | 29 | 0152 | 0.6 |
| Sa | 1115 | 0.9 | Su | 0625 | 6.5 | Tu | 0627 | 6.2 | W | 0756 | 6.4 |
| | 1731 | 6.9 | | 1235 | 0.7 | | 1231 | 1.0 | | 1403 | 1.0 |
| | | | | 1849 | 7.4 | | 1844 | 7.3 | | 2014 | 7.0 |
| 15 | 0001 | 0.9 | 30 | 0123 | 0.4 | 15 | 0125 | 0.5 | 30 | 0242 | 0.6 |
| Su | 0603 | 6.1 | M | 0724 | 6.4 | W | 0728 | 6.4 | Th | 0846 | 6.5 |
| | 1208 | 1.0 | | 1331 | 0.8 | | 1331 | 0.8 | | 1453 | 0.9 |
| | 1823 | 7.1 | | 1944 | 7.3 | | 1945 | 7.6 | | 2103 | 7.1 |
| | | | 31 | 0218 | 0.3 | | | | 31 | 0327 | 0.5 |
| | | | Tu | 0820 | 6.4 | | | | F | 0931 | 6.7 |
| | | | | 1425 | 0.8 | | | | | 1538 | 0.8 |
| | | | | 2037 | 7.3 | | | | | 2147 | 7.2 |

| SEPTEMBER 2001 | | | | OCTOBER 2001 | | | | NOVEMBER 2001 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
| 1 | 0407 | 0.4 | 16 | 0348 | -0.5 | 1 | 0410 | 0.4 | 16 | 0413 | -0.6 |
| Sa | 1012 | 6.9 | Su | 0953 | 7.8 | M | 1019 | 7.2 | Tu | 1020 | 8.4 |
| | 1620 | 0.6 | | 1607 | -0.5 | | 1632 | 0.4 | | 1643 | -0.9 |
| | 2228 | 7.2 | | 2216 | 8.3 | | 2238 | 7.1 | | 2248 | 7.9 |
| 2 | 0444 | 0.3 | 17 | 0438 | -0.7 | 2 | 0446 | 0.3 | 17 | 0500 | -0.6 |
| Su | 1051 | 7.0 | M | 1043 | 8.2 | Tu | 1054 | 7.4 | W | 1108 | 8.5 |
| | 1659 | 0.6 | | 1700 | -0.7 | | 1709 | 0.3 | | 1733 | -0.9 |
| | 2306 | 7.2 | | 2307 | 8.3 | | 2315 | 7.1 | | 2337 | 7.8 |
| 3 | 0520 | 0.3 | 18 | 0526 | -0.8 | 3 | 0521 | 0.3 | 18 | 0547 | -0.4 |
| M | 1127 | 7.1 | Tu | 1132 | 8.4 | W | 1129 | 7.4 | Th | 1155 | 8.5 |
| | 1737 | 0.5 | | 1752 | -0.8 | | 1747 | 0.2 | | 1822 | -0.7 |
| | 2343 | 7.2 | | 2358 | 8.1 | | 2352 | 7.0 | | | |
| 4 | 0554 | 0.3 | 19 | 0613 | -0.6 | 4 | 0556 | 0.4 | 19 | 0026 | 7.5 |
| Tu | 1203 | 7.2 | W | 1221 | 8.5 | Th | 1204 | 7.4 | F | 0634 | -0.1 |
| | 1814 | 0.5 | | 1844 | -0.7 | | 1824 | 0.2 | | 1243 | 8.2 |
| | | | | | | | | | | 1911 | -0.4 |
| 5 | 0019 | 7.1 | 20 | 0048 | 7.8 | 5 | 0029 | 6.9 | 20 | 0115 | 7.2 |
| W | 0629 | 0.4 | Th | 0701 | -0.4 | F | 0633 | 0.5 | Sa | 0722 | 0.2 |
| | 1237 | 7.2 | | 1310 | 8.3 | | 1239 | 7.4 | | 1331 | 7.8 |
| | 1852 | 0.5 | | 1936 | -0.4 | | 1904 | 0.3 | | 2002 | -0.1 |
| 6 | 0056 | 6.9 | 21 | 0140 | 7.4 | 6 | 0109 | 6.8 | 21 | 0206 | 6.8 |
| Th | 0704 | 0.5 | F | 0751 | 0.0 | Sa | 0712 | 0.7 | Su | 0813 | 0.6 |
| | 1313 | 7.2 | | 1401 | 8.0 | | 1318 | 7.4 | | 1423 | 7.4 |
| | 1931 | 0.6 | | 2030 | -0.1 | | 1948 | 0.4 | | 2054 | 0.3 |
| 7 | 0136 | 6.8 | 22 | 0233 | 7.0 | 7 | 0153 | 6.6 | 22 | 0300 | 6.5 |
| F | 0742 | 0.6 | Sa | 0843 | 0.4 | Su | 0755 | 0.8 | M | 0908 | 1.0 |
| | 1350 | 7.2 | | 1454 | 7.6 | | 1402 | 7.3 | | 1517 | 6.9 |
| | 2014 | 0.6 | | 2126 | 0.3 | | 2036 | 0.5 | | 2150 | 0.7 |
| 8 | 0218 | 6.6 | 23 | 0330 | 6.6 | 8 | 0242 | 6.4 | 23 | 0357 | 6.2 |
| Sa | 0823 | 0.8 | Su | 0939 | 0.8 | M | 0845 | 1.0 | Tu | 1006 | 1.3 |
| | 1432 | 7.1 | | 1551 | 7.2 | | 1453 | 7.1 | | 1616 | 6.6 |
| | 2101 | 0.7 | | 2225 | 0.6 | | 2132 | 0.6 | | 2247 | 0.9 |
| 9 | 0306 | 6.4 | 24 | 0429 | 6.4 | 9 | 0338 | 6.3 | 24 | 0455 | 6.1 |
| Su | 0910 | 1.0 | M | 1039 | 1.1 | Tu | 0943 | 1.1 | W | 1107 | 1.4 |
| | 1519 | 7.1 | | 1651 | 6.9 | | 1552 | 7.0 | | 1717 | 6.4 |
| | 2155 | 0.8 | | 2325 | 0.8 | | 2234 | 0.6 | | 2345 | 1.0 |
| 10 | 0400 | 6.2 | 25 | 0530 | 6.2 | 10 | 0440 | 6.3 | 25 | 0554 | 6.2 |
| M | 1004 | 1.1 | Tu | 1141 | 1.3 | W | 1048 | 1.1 | Th | 1207 | 1.3 |
| | 1615 | 7.0 | | 1752 | 6.7 | | 1658 | 7.0 | | 1816 | 6.3 |
| | 2255 | 0.8 | | | | | 2339 | 0.6 | | | |
| 11 | 0500 | 6.2 | 26 | 0025 | 0.9 | 11 | 0544 | 6.4 | 26 | 0039 | 1.0 |
| Tu | 1105 | 1.1 | W | 0630 | 6.2 | Th | 1155 | 0.9 | F | 0648 | 6.4 |
| | 1717 | 7.1 | | 1241 | 1.3 | | 1805 | 7.2 | | 1303 | 1.1 |
| | 2359 | 0.7 | | 1852 | 6.7 | | | | | 1911 | 6.4 |
| 12 | 0603 | 6.3 | 27 | 0120 | 0.9 | 12 | 0041 | 0.4 | 27 | 0128 | 0.8 |
| W | 1209 | 1.0 | Th | 0726 | 6.4 | F | 0647 | 6.7 | Sa | 0738 | 6.6 |
| | 1822 | 7.3 | | 1337 | 1.1 | | 1300 | 0.5 | | 1354 | 0.9 |
| | | | | 1947 | 6.7 | | 1910 | 7.4 | | 2000 | 6.5 |
| 13 | 0102 | 0.5 | 28 | 0209 | 0.8 | 13 | 0140 | 0.1 | 28 | 0212 | 0.7 |
| Th | 0706 | 6.5 | F | 0816 | 6.6 | Sa | 0746 | 7.2 | Su | 0824 | 6.9 |
| | 1313 | 0.7 | | 1427 | 0.9 | | 1401 | 0.1 | | 1440 | 0.6 |
| | 1926 | 7.5 | | 2035 | 6.9 | | 2010 | 7.6 | | 2045 | 6.7 |
| 14 | 0201 | 0.1 | 29 | 0253 | 0.6 | 14 | 0234 | -0.2 | 29 | 0254 | 0.5 |
| F | 0805 | 6.9 | Sa | 0900 | 6.8 | Su | 0840 | 7.7 | M | 0905 | 7.1 |
| | 1414 | 0.3 | | 1512 | 0.7 | | 1458 | -0.3 | | 1522 | 0.4 |
| | 2026 | 7.8 | | 2119 | 7.0 | | 2105 | 7.8 | | 2127 | 6.8 |
| 15 | 0256 | -0.2 | 30 | 0333 | 0.5 | 15 | 0325 | -0.5 | 30 | 0333 | 0.4 |
| Sa | 0900 | 7.4 | Su | 0941 | 7.1 | M | 0931 | 8.1 | Tu | 0943 | 7.3 |
| | 1512 | -0.1 | | 1553 | 0.5 | | 1552 | -0.7 | | 1602 | 0.2 |
| | 2122 | 8.1 | | 2159 | 7.1 | | 2158 | 7.9 | | 2207 | 6.8 |
| | | | | | | 31 | 0410 | 0.3 | | | |
| | | | | | | W | 1020 | 7.5 | | | |
| | | | | | | | 1641 | 0.0 | | | |
| | | | | | | | 2246 | 6.9 | | | |

Time meridian 75 W. 0000 is midnight. 1200 is noon.
Heights are referred to mean lower low water which is the chart datum of soundings.

# WILLETS POINT, N.Y

Predicted times and heights of high and low water-Eastern Standard Time. For Daylight Saving time, add 1 hour.
To predict local tide, apply the time difference listed in the facility tabulations to these tide predictions.

## JULY 2001

| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
|---|---|---|---|---|---|
| 1 | 0229 | -0.1 | 16 | 0048 | 0.9 |
| Su | 0820 | 7.2 | M | 0643 | 6.5 |
| | 1442 | 0.4 | | 1246 | 1.0 |
| | 2038 | 8.2 | | 1855 | 7.7 |
| 2 | 0323 | -0.2 | 17 | 0201 | 0.6 |
| M | 0913 | 7.2 | Tu | 0747 | 6.7 |
| | 1535 | 0.5 | | 1346 | 0.9 |
| | 2127 | 8.2 | | 1953 | 8.0 |
| 3 | 0413 | -0.3 | 18 | 0312 | 0.3 |
| Tu | 1002 | 7.3 | W | 0847 | 7.0 |
| | 1624 | 0.6 | | 1448 | 0.7 |
| | 2213 | 8.1 | | 2050 | 8.3 |
| 4 | 0500 | -0.3 | 19 | 0411 | -0.1 |
| W | 1049 | 7.3 | Th | 0942 | 7.4 |
| | 1710 | 0.6 | | 1551 | 0.4 |
| | 2256 | 8.0 | | 2145 | 8.6 |
| 5 | 0544 | -0.2 | 20 | 0503 | -0.5 |
| Th | 1132 | 7.3 | F | 1035 | 7.7 |
| | 1753 | 0.7 | | 1651 | 0.1 |
| | 2337 | 7.8 | | 2240 | 8.8 |
| 6 | 0625 | 0.0 | 21 | 0553 | -0.7 |
| F | 1213 | 7.2 | Sa | 1127 | 8.0 |
| | 1830 | 0.9 | | 1748 | -0.1 |
| | | | | 2336 | 8.9 |
| 7 | 0013 | 7.7 | 22 | 0642 | -0.8 |
| Sa | 0701 | 0.2 | Su | 1220 | 8.2 |
| | 1250 | 7.2 | | 1845 | -0.3 |
| | 1858 | 1.0 | | | |
| 8 | 0045 | 7.5 | 23 | 0032 | 8.8 |
| Su | 0730 | 0.5 | M | 0731 | -0.7 |
| | 1323 | 7.1 | | 1315 | 8.3 |
| | 1909 | 1.1 | | 1944 | -0.2 |
| 9 | 0112 | 7.3 | 24 | 0130 | 8.5 |
| M | 0736 | 0.6 | Tu | 0824 | -0.6 |
| | 1348 | 7.0 | | 1411 | 8.3 |
| | 1936 | 1.1 | | 2049 | -0.1 |
| 10 | 0142 | 7.2 | 25 | 0230 | 8.2 |
| Tu | 0759 | 0.7 | W | 0920 | -0.3 |
| | 1413 | 7.0 | | 1510 | 8.3 |
| | 2015 | 1.2 | | 2158 | 0.0 |
| 11 | 0220 | 7.0 | 26 | 0335 | 7.7 |
| W | 0836 | 0.8 | Th | 1021 | 0.0 |
| | 1448 | 7.1 | | 1611 | 8.1 |
| | 2101 | 1.2 | | 2305 | 0.2 |
| 12 | 0302 | 6.8 | 27 | 0444 | 7.3 |
| Th | 0919 | 0.9 | F | 1123 | 0.3 |
| | 1529 | 7.1 | | 1716 | 8.0 |
| | 2151 | 1.2 | | | |
| 13 | 0349 | 6.6 | 28 | 0009 | 0.2 |
| F | 1006 | 0.9 | Sa | 0555 | 7.1 |
| | 1614 | 7.2 | | 1225 | 0.6 |
| | 2245 | 1.2 | | 1821 | 7.9 |
| 14 | 0441 | 6.5 | 29 | 0110 | 0.2 |
| Sa | 1057 | 1.0 | Su | 0701 | 7.0 |
| | 1704 | 7.3 | | 1324 | 0.7 |
| | 2344 | 1.1 | | 1923 | 7.8 |
| 15 | 0539 | 6.5 | 30 | 0207 | 0.2 |
| Su | 1150 | 1.0 | M | 0801 | 7.0 |
| | 1758 | 7.5 | | 1422 | 0.8 |
| | | | | 2019 | 7.8 |
| | | | 31 | 0301 | 0.1 |
| | | | Tu | 0855 | 7.1 |
| | | | | 1515 | 0.8 |
| | | | | 2111 | 7.8 |

## AUGUST 2001

| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
|---|---|---|---|---|---|
| 1 | 0352 | 0.1 | 16 | 0253 | 0.3 |
| W | 0944 | 7.2 | Th | 0826 | 7.2 |
| | 1605 | 0.8 | | 1432 | 0.6 |
| | 2158 | 7.8 | | 2033 | 8.3 |
| 2 | 0438 | 0.0 | 17 | 0353 | -0.1 |
| Th | 1029 | 7.3 | F | 0925 | 7.6 |
| | 1651 | 0.7 | | 1544 | 0.2 |
| | 2241 | 7.8 | | 2135 | 8.7 |
| 3 | 0521 | 0.1 | 18 | 0446 | -0.5 |
| F | 1111 | 7.3 | Sa | 1019 | 8.0 |
| | 1733 | 0.7 | | 1647 | -0.2 |
| | 2321 | 7.7 | | 2232 | 8.9 |
| 4 | 0600 | 0.2 | 19 | 0535 | -0.8 |
| Sa | 1150 | 7.3 | Su | 1111 | 8.4 |
| | 1809 | 0.8 | | 1744 | -0.5 |
| | 2356 | 7.6 | | 2327 | 8.9 |
| 5 | 0633 | 0.3 | 20 | 0622 | -0.9 |
| Su | 1223 | 7.3 | M | 1202 | 8.7 |
| | 1838 | 0.8 | | 1838 | -0.6 |
| 6 | 0024 | 7.5 | 21 | 0022 | 8.8 |
| M | 0654 | 0.4 | Tu | 0709 | -0.8 |
| | 1248 | 7.3 | | 1254 | 8.8 |
| | 1847 | 0.9 | | 1934 | -0.6 |
| 7 | 0044 | 7.4 | 22 | 0117 | 8.5 |
| Tu | 0659 | 0.5 | W | 0757 | -0.5 |
| | 1304 | 7.3 | | 1347 | 8.7 |
| | 1910 | 0.9 | | 2033 | -0.4 |
| 8 | 0111 | 7.3 | 23 | 0214 | 8.1 |
| W | 0725 | 0.5 | Th | 0850 | -0.1 |
| | 1331 | 7.4 | | 1442 | 8.5 |
| | 1946 | 0.9 | | 2136 | -0.1 |
| 9 | 0146 | 7.2 | 24 | 0315 | 7.6 |
| Th | 0801 | 0.6 | F | 0949 | 0.3 |
| | 1406 | 7.5 | | 1541 | 8.2 |
| | 2027 | 0.9 | | 2241 | 0.2 |
| 10 | 0227 | 7.0 | 25 | 0421 | 7.2 |
| F | 0843 | 0.7 | Sa | 1054 | 0.7 |
| | 1447 | 7.5 | | 1646 | 7.9 |
| | 2114 | 1.0 | | 2344 | 0.4 |
| 11 | 0313 | 6.9 | 26 | 0531 | 6.9 |
| Sa | 0929 | 0.9 | Su | 1159 | 1.0 |
| | 1533 | 7.6 | | 1754 | 7.6 |
| | 2206 | 1.0 | | | |
| 12 | 0404 | 6.7 | 27 | 0045 | 0.5 |
| Su | 1020 | 1.0 | M | 0638 | 6.8 |
| | 1623 | 7.6 | | 1301 | 1.1 |
| | 2304 | 1.0 | | 1900 | 7.5 |
| 13 | 0501 | 6.6 | 28 | 0142 | 0.5 |
| M | 1115 | 1.1 | Tu | 0738 | 6.9 |
| | 1720 | 7.6 | | 1400 | 1.1 |
| | | | | 1959 | 7.5 |
| 14 | 0010 | 0.9 | 29 | 0236 | 0.4 |
| Tu | 0606 | 6.6 | W | 0833 | 7.0 |
| | 1215 | 1.1 | | 1454 | 1.0 |
| | 1822 | 7.8 | | 2051 | 7.5 |
| 15 | 0130 | 0.7 | 30 | 0326 | 0.4 |
| W | 0717 | 6.8 | Th | 0921 | 7.2 |
| | 1321 | 0.9 | | 1543 | 0.8 |
| | 1928 | 8.0 | | 2139 | 7.6 |
| | | | 31 | 0412 | 0.3 |
| | | | F | 1005 | 7.4 |
| | | | | 1628 | 0.7 |
| | | | | 2221 | 7.7 |

## SEPTEMBER 2001

| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
|---|---|---|---|---|---|
| 1 | 0453 | 0.3 | 16 | 0426 | -0.5 |
| Sa | 1046 | 7.5 | Su | 1004 | 8.4 |
| | 1709 | 0.6 | | 1642 | -0.5 |
| | 2300 | 7.7 | | 2223 | 8.8 |
| 2 | 0530 | 0.3 | 17 | 0513 | -0.8 |
| Su | 1121 | 7.6 | M | 1052 | 8.8 |
| | 1744 | 0.6 | | 1734 | -0.8 |
| | 2333 | 7.6 | | 2315 | 8.8 |
| 3 | 0600 | 0.4 | 18 | 0558 | -0.8 |
| M | 1150 | 7.6 | Tu | 1141 | 9.1 |
| | 1812 | 0.6 | | 1826 | -0.9 |
| | 2357 | 7.5 | | | |
| 4 | 0613 | 0.4 | 19 | 0007 | 8.7 |
| Tu | 1206 | 7.6 | W | 0643 | -0.6 |
| | 1823 | 0.6 | | 1229 | 9.1 |
| | | | | 1917 | -0.7 |
| 5 | 0014 | 7.4 | 20 | 0059 | 8.3 |
| W | 0623 | 0.5 | Th | 0728 | -0.3 |
| | 1223 | 7.7 | | 1318 | 8.9 |
| | 1844 | 0.6 | | 2011 | -0.4 |
| 6 | 0040 | 7.4 | 21 | 0153 | 7.9 |
| Th | 0652 | 0.5 | F | 0817 | 0.2 |
| | 1253 | 7.8 | | 1409 | 8.5 |
| | 1918 | 0.6 | | 2110 | 0.0 |
| 7 | 0116 | 7.3 | 22 | 0251 | 7.5 |
| F | 0729 | 0.6 | Sa | 0915 | 0.7 |
| | 1330 | 7.9 | | 1506 | 8.0 |
| | 1958 | 0.6 | | 2213 | 0.4 |
| 8 | 0157 | 7.2 | 23 | 0355 | 7.0 |
| Sa | 0810 | 0.7 | Su | 1024 | 1.1 |
| | 1412 | 7.9 | | 1611 | 7.6 |
| | 2044 | 0.7 | | 2316 | 0.7 |
| 9 | 0244 | 7.0 | 24 | 0503 | 6.8 |
| Su | 0857 | 0.9 | M | 1133 | 1.4 |
| | 1500 | 7.8 | | 1724 | 7.2 |
| | 2136 | 0.8 | | | |
| 10 | 0336 | 6.8 | 25 | 0016 | 0.8 |
| M | 0950 | 1.1 | Tu | 0610 | 6.7 |
| | 1552 | 7.7 | | 1236 | 1.4 |
| | 2236 | 0.9 | | 1832 | 7.1 |
| 11 | 0434 | 6.7 | 26 | 0114 | 0.8 |
| Tu | 1049 | 1.2 | W | 0711 | 6.8 |
| | 1652 | 7.7 | | 1334 | 1.3 |
| | 2347 | 0.9 | | 1933 | 7.1 |
| 12 | 0542 | 6.7 | 27 | 0207 | 0.8 |
| W | 1154 | 1.2 | Th | 0805 | 7.0 |
| | 1759 | 7.7 | | 1427 | 1.1 |
| | | | | 2026 | 7.3 |
| 13 | 0125 | 0.7 | 28 | 0255 | 0.6 |
| Th | 0700 | 6.9 | F | 0853 | 7.2 |
| | 1310 | 1.0 | | 1516 | 0.9 |
| | 1914 | 7.9 | | 2113 | 7.4 |
| 14 | 0238 | 0.3 | 29 | 0340 | 0.5 |
| F | 0813 | 7.4 | Sa | 0936 | 7.5 |
| | 1436 | 0.5 | | 1600 | 0.7 |
| | 2026 | 8.3 | | 2155 | 7.5 |
| 15 | 0335 | -0.2 | 30 | 0420 | 0.4 |
| Sa | 0912 | 7.9 | Su | 1015 | 7.7 |
| | 1545 | 0.0 | | 1641 | 0.5 |
| | 2128 | 8.6 | | 2232 | 7.6 |

## OCTOBER 2001

| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
|---|---|---|---|---|---|
| 1 | 0454 | 0.4 | 16 | 0451 | -0.6 |
| M | 1047 | 7.8 | Tu | 1033 | 9.1 |
| | 1716 | 0.4 | | 1722 | -1.0 |
| | 2303 | 7.5 | | 2302 | 8.5 |
| 2 | 0520 | 0.4 | 17 | 0535 | -0.6 |
| Tu | 1110 | 7.8 | W | 1118 | 9.2 |
| | 1744 | 0.4 | | 1811 | -1.0 |
| | 2326 | 7.5 | | 2350 | 8.3 |
| 3 | 0529 | 0.4 | 18 | 0618 | -0.4 |
| W | 1123 | 7.9 | Th | 1203 | 9.0 |
| | 1758 | 0.3 | | 1859 | -0.8 |
| | 2344 | 7.4 | | | |
| 4 | 0550 | 0.4 | 19 | 0040 | 8.0 |
| Th | 1146 | 8.0 | F | 0701 | 0.0 |
| | 1820 | 0.3 | | 1249 | 8.7 |
| | | | | 1949 | -0.4 |
| 5 | 0012 | 7.4 | 20 | 0131 | 7.6 |
| F | 0622 | 0.5 | Sa | 0745 | 0.5 |
| | 1219 | 8.1 | | 1337 | 8.3 |
| | 1853 | 0.3 | | 2042 | 0.0 |
| 6 | 0050 | 7.3 | 21 | 0225 | 7.2 |
| Sa | 0701 | 0.6 | Su | 0838 | 0.9 |
| | 1259 | 8.1 | | 1429 | 7.7 |
| | 1934 | 0.4 | | 2141 | 0.5 |
| 7 | 0133 | 7.2 | 22 | 0325 | 6.9 |
| Su | 0744 | 0.8 | M | 0948 | 1.3 |
| | 1344 | 8.0 | | 1532 | 7.2 |
| | 2020 | 0.5 | | 2242 | 0.8 |
| 8 | 0221 | 7.0 | 23 | 0430 | 6.6 |
| M | 0832 | 1.0 | Tu | 1100 | 1.6 |
| | 1434 | 7.9 | | 1646 | 6.9 |
| | 2114 | 0.7 | | 2342 | 1.0 |
| 9 | 0314 | 6.9 | 24 | 0536 | 6.5 |
| Tu | 0927 | 1.2 | W | 1204 | 1.6 |
| | 1529 | 7.7 | | 1757 | 6.7 |
| | 2218 | 0.8 | | | |
| 10 | 0416 | 6.7 | 25 | 0038 | 1.1 |
| W | 1031 | 1.3 | Th | 0637 | 6.6 |
| | 1632 | 7.6 | | 1302 | 1.4 |
| | 2345 | 0.8 | | 1859 | 6.7 |
| 11 | 0529 | 6.8 | 26 | 0130 | 1.0 |
| Th | 1147 | 1.2 | F | 0731 | 6.9 |
| | 1745 | 7.6 | | 1355 | 1.2 |
| | | | | 1953 | 6.9 |
| 12 | 0119 | 0.5 | 27 | 0218 | 0.9 |
| F | 0655 | 7.1 | Sa | 0819 | 7.1 |
| | 1326 | 0.8 | | 1444 | 0.9 |
| | 1911 | 7.8 | | 2040 | 7.0 |
| 13 | 0221 | 0.2 | 28 | 0301 | 0.7 |
| Sa | 0803 | 7.7 | Su | 0902 | 7.4 |
| | 1440 | 0.3 | | 1528 | 0.7 |
| | 2023 | 8.1 | | 2122 | 7.2 |
| 14 | 0315 | -0.2 | 29 | 0340 | 0.6 |
| Su | 0858 | 8.2 | M | 0938 | 7.6 |
| | 1538 | -0.3 | | 1609 | 0.4 |
| | 2121 | 8.4 | | 2159 | 7.2 |
| 15 | 0404 | -0.5 | 30 | 0412 | 0.5 |
| M | 0947 | 8.7 | Tu | 1008 | 7.8 |
| | 1632 | -0.7 | | 1645 | 0.3 |
| | 2213 | 8.5 | | 2230 | 7.3 |
| | | | 31 | 0433 | 0.5 |
| | | | W | 1026 | 7.9 |
| | | | | 1714 | 0.1 |
| | | | | 2253 | 7.3 |

## NOVEMBER 2001

| Day | Time h.m. | Ht. ft. | Day | Time h.m. | Ht. ft. |
|---|---|---|---|---|---|
| 1 | 0450 | 0.4 | 16 | 0600 | -0.1 |
| Th | 1044 | 8.1 | F | 1143 | 8.7 |
| | 1734 | 0.0 | | 1842 | -0.8 |
| | 2316 | 7.3 | | | |
| 2 | 0520 | 0.4 | 17 | 0023 | 7.6 |
| F | 1114 | 8.2 | Sa | 0641 | 0.2 |
| | 1759 | 0.0 | | 1226 | 8.3 |
| | 2349 | 7.3 | | 1928 | -0.4 |
| 3 | 0557 | 0.4 | 18 | 0110 | 7.3 |
| Sa | 1152 | 8.3 | Su | 0721 | 0.6 |
| | 1835 | -0.1 | | 1310 | 7.9 |
| | | | | 2015 | 0.0 |
| 4 | 0028 | 7.3 | 19 | 0159 | 7.0 |
| Su | 0638 | 0.5 | M | 0800 | 0.9 |
| | 1235 | 8.2 | | 1357 | 7.4 |
| | 1917 | 0.0 | | 2105 | 0.5 |
| 5 | 0114 | 7.2 | 20 | 0252 | 6.7 |
| M | 0724 | 0.6 | Tu | 0850 | 1.3 |
| | 1323 | 8.1 | | 1449 | 7.0 |
| | 2005 | 0.2 | | 2200 | 0.8 |
| 6 | 0204 | 7.0 | 21 | 0349 | 6.5 |
| Tu | 0815 | 0.8 | W | 1012 | 1.5 |
| | 1415 | 7.9 | | 1552 | 6.6 |
| | 2102 | 0.4 | | 2257 | 1.0 |
| 7 | 0300 | 6.9 | 22 | 0450 | 6.4 |
| W | 0913 | 1.0 | Th | 1121 | 1.6 |
| | 1513 | 7.6 | | 1705 | 6.4 |
| | 2214 | 0.6 | | 2352 | 1.1 |
| 8 | 0405 | 6.8 | 23 | 0551 | 6.4 |
| Th | 1025 | 1.1 | F | 1221 | 1.5 |
| | 1620 | 7.4 | | 1812 | 6.3 |
| | 2352 | 0.5 | | | |
| 9 | 0525 | 7.0 | 24 | 0042 | 1.1 |
| F | 1209 | 0.9 | Sa | 0647 | 6.6 |
| | 1742 | 7.3 | | 1315 | 1.3 |
| | | | | 1910 | 6.3 |
| 10 | 0102 | 0.3 | 25 | 0129 | 1.0 |
| Sa | 0647 | 7.3 | Su | 0736 | 6.9 |
| | 1329 | 0.5 | | 1405 | 1.0 |
| | 1910 | 7.5 | | 2000 | 6.5 |
| 11 | 0201 | 0.0 | 26 | 0211 | 0.9 |
| Su | 0750 | 7.9 | M | 0819 | 7.1 |
| | 1432 | -0.1 | | 1452 | 0.7 |
| | 2016 | 7.7 | | 2044 | 6.6 |
| 12 | 0254 | -0.2 | 27 | 0248 | 0.8 |
| M | 0843 | 8.4 | Tu | 0854 | 7.4 |
| | 1528 | -0.5 | | 1534 | 0.4 |
| | 2111 | 7.9 | | 2122 | 6.8 |
| 13 | 0344 | -0.4 | 28 | 0317 | 0.6 |
| Tu | 0931 | 8.7 | W | 0920 | 7.6 |
| | 1620 | -0.9 | | 1612 | 0.2 |
| | 2202 | 8.0 | | 2154 | 6.9 |
| 14 | 0431 | -0.5 | 29 | 0343 | 0.5 |
| W | 1016 | 8.9 | Th | 0942 | 7.8 |
| | 1709 | -1.0 | | 1645 | -0.1 |
| | 2249 | 8.0 | | 2221 | 7.0 |
| 15 | 0517 | -0.4 | 30 | 0417 | 0.3 |
| Th | 1100 | 8.9 | F | 1012 | 8.1 |
| | 1756 | -1.0 | | 1714 | -0.3 |
| | 2336 | 7.8 | | 2252 | 7.1 |

Time meridian 75 W. 0000 is midnight. 1200 is noon.
Heights are referred to mean lower low water which is the chart datum of soundings.

Chart 18588 NM 30/01

COQUILLE RIVER CHANNEL

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2001 AND SURVEYS TO APR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| A ENTRANCE CHANNEL | 13 | 12 | 12 | 4-01 | 200 | 0.33 | 13.0 |
| ENTRANCE CHANNEL TO PORT DOCK (43°07'15.9"N, 124°24'50.5"W) | 11 | 12 | 8 | 4-01 | 200 | 0.63 | 13.0 |
| THENCE TO END OF PROJECT | 12 | 14 | 14 | 4-01 | 150 | 0.38 | 13.0 |

A. THE ENTRANCE CHANNEL IS SUBJECT TO FREQUENT CHANGES AND THE DEEPEST WATER IS NOT ALWAYS ON THE RANGE.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 18651 NM 30/01

REDWOOD CITY HARBOR CHANNEL DEPTHS

TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO MAR 2001

| CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW) | | | | | PROJECT DIMENSIONS | | |
|---|---|---|---|---|---|---|---|
| NAME OF CHANNEL | LEFT OUTSIDE QUARTER | MIDDLE HALF OF CHANNEL | RIGHT OUTSIDE QUARTER | DATE OF SURVEY | WIDTH (FEET) | LENGTH (NAUT. MILES) | DEPTH MLLW (FEET) |
| CHANNEL ENTRANCE (37°33'10"N., 122°11'43"W.) TO LIGHT 8 | 28.0 | 28.0 | 26.7 | 3-01 | 700-300 | 1.07 | 30 |
| LIGHT 8 TO LIGHT 14 | 27.0 | 26.9 | 24.4 | 3-01 | 300-350 | .90 | 30 |
| LIGHT 14 TO LIGHT 15 | 26.4 | 26.8 | 27.1 | 3-01 | 300 | .28 | 30 |

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION