



UNITED STATES DEPARTMENT OF COMMERCE  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SERVICE  
Office of Ocean and Earth Sciences  
Silver Spring, Maryland 20910

TIDE NOTE FOR HYDROGRAPHIC SURVEY

DATE: May 19, 1997

MARINE CENTER: Atlantic

HYDROGRAPHIC PROJECT: OPR-B302-RU

HYDROGRAPHIC SHEET: H-10659

LOCALITY: Rhode Island, South of Judith Point

TIME PERIOD: November 1-7, 1995, August 11 - October 6, 1996

TIDE STATION USED: 845-5083 Point Judith, R.I.  
Lat.  $41^{\circ} 21.8'N$  Lon.  $71^{\circ} 29.4'W$   
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 m  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 0.969 m


TIDE STATION USED: 845-2660 Newport, R.I.  
Lat.  $41^{\circ} 30.3'N$  Lon.  $71^{\circ} 19.6'W$   
PLANE OF REFERENCE (MEAN LOWER LOW WATER): 0.000 m  
HEIGHT OF HIGH WATER ABOVE PLANE OF REFERENCE: 1.116 m

REMARKS: RECOMMENDED ZONING

Use zone(s) identified as: R2 & R1A

Refer to attachment(s) for zoning information.

Note: Provided time series data are tabulated in metric units (meters) and on Greenwich Mean Time.

  
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CHIEF, TIDAL ANALYSIS BRANCH



Final tide zone nodal point locations for OPR B302-RU-96.

Format: Longitude in decimal degrees (negative value denotes  
Longitude West),  
Latitude in decimal degrees  
Tide Station (in recommended order of use)  
Average Time Correction (in minutes)  
Range Correction

		Tide Station Order	AVG Time Correction	Range Correction
Zone R1A				
-71.195161	41.455154	845-5083	-18	0.97
-71.037365	41.485599	845-2660	0	0.85
-70.944984	41.411412			
-71.557239	41.216011			
-71.56102	41.221189			
-71.195161	41.455154			
Zone R2				
-71.468611	41.395621	845-5083	0	1.00
-71.490534	41.366878	845-2660	+18	0.88
-71.504221	41.375363			
-71.515032	41.375438			
-71.51652	41.371493			
-71.566343	41.224734			
-71.56102	41.221189			
-71.195162	41.455154			
-71.468611	41.395621			
Zone R4				
-71.468611	41.395621	845-5083	-12	1.03
-71.457221	41.435097	845-2660	+6	0.91
-71.438477	41.44221			
-71.355307	41.449697			
-71.329535	41.464727			
-71.300958	41.468374			
-71.30035	41.48524			
-71.279677	41.492078			
-71.237629	41.526522			
-71.204863	41.528327			
-71.185434	41.481137			
-71.195162	41.455154			
-71.468611	41.395621			
Zone R5				
-71.421055	41.473173	845-2660	0	0.97
-71.434316	41.473173	845-5083	-18	1.10
-71.438477	41.44221			
-71.355307	41.449697			
-71.346404	41.465136			
-71.336602	41.480099			

-71.359418 41.480273  
-71.37422 41.490285  
-71.390873 41.487743  
-71.392875 41.473173  
-71.421055 41.473173

Zone R8

-71.348064 41.633805	845-2660	0	1.08
-71.336328 41.633874			
-71.310824 41.622643			
-71.326531 41.579228			
-71.368768 41.570545			
-71.382847 41.55566			
-71.443432 41.556281			
-71.464981 41.562483			
-71.457382 41.634426			
-71.348064 41.633805			

Zone R10A

-71.326531 41.579228	845-2660	0	1.04
-71.368768 41.570545			
-71.382847 41.55566			
-71.381272 41.533953			
-71.367847 41.537277			
-71.301824 41.537277			
-71.288446 41.567444			
-71.326531 41.579228			