



Dana Passage, 2021

The NOAA Tidal Current Predictions application provides predictions in both graphical and tabular formats, with many user selectable options, for several thousand stations distributed by key geographical areas, including individual bays and estuaries in each state. The Annual Current Table format provides predicted timing of slack water and predicted timing and speed of maximum flood (positive) and maximum ebb (negative) current speed. A line of asterisks (***) at the end of a calendar day indicate extra currents are included at the end of this product. Additional information can be found in the help page.

Station Types: The NOAA Tidal Current Predictions application provides current predictions from two distinct categories of stations:

1. Harmonic - The predicted current speeds and directions for Harmonic stations are computed by combining the harmonic constituents into a single tide curve.
 2. Subordinate - The maximum speeds (flood and ebb) and slack current for Subordinate stations are computed by applying time differences and speed ratios to the times and speeds of a Reference station (a full Harmonic station).
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Disclaimer: The official Tidal Current Prediction Tables are published annually on October 1, for the following calendar year. Tidal current predictions generated prior to the publishing date of the official tables are subject to change. The predictions from the web-based NOAA Tidal Current Predictions are based upon the latest information available as of the date of the request; tidal current predictions generated from this application may differ from the official published predictions if information for the station requested has been updated since the publishing date of the official published tables.



Dana Passage, 2021

Latitude: 47.1631° N Longitude: 122.8681° W
 Mean Flood Dir. 242° (T) Mean Ebb Dir. 49° (T)

Times and speeds of maximum and minimum current, in knots

April				May				June																		
Slack	Maximum			Slack	Maximum			Slack	Maximum			Slack	Maximum													
h m	h m	knots		h m	h m	knots		h m	h m	knots		h m	h m	knots												
03:06AM	05:36AM	1.8F	16 F	03:24AM	05:36AM	1.1F	16 Sa	04:06AM	12:36AM	-1.4E	16 Su	04:06AM	12:24AM	-1.4E	16 Tu	06:06AM	03:24AM	-1.5E	16 W	05:24AM	01:36AM	-1.6E				
08:24AM	12:00PM	-2.9E		08:06AM	06:24AM	1.0F		08:48AM	07:12AM	1.2F		08:18AM	12:12PM	-2.3E		06:06AM	08:06AM	0.9F		09:48AM	01:24PM	-2.3E				
03:48PM	06:30PM	2.3F		03:36PM	06:24PM	2.0F		04:18PM	12:24PM	-2.6E		03:48PM	06:36PM	2.0F		10:48AM	01:54PM	-1.9E		04:54PM	07:48PM	2.1F				
10:12PM				10:12PM				11:12PM	07:06PM	2.1F		10:42PM				05:54PM	09:06PM	1.7F		11:42PM						
04:06AM	12:36AM	-1.5E	17 Sa	04:18AM	12:36AM	-1.3E	17 Su	05:18AM	01:42AM	-1.3E	17 M	04:54AM	01:06AM	-1.3E	17 W	12:36AM	04:24AM	-1.6E	17 Th	06:18AM	02:24AM	-1.7E		02:48AM	08:18AM	1.2F
09:12AM	12:48PM	-2.7E		08:42AM	12:36PM	-2.2E		09:54AM	01:18PM	-2.2E		09:12AM	01:00PM	-2.2E		12:06PM	03:00PM	-1.6E		10:54AM	02:18PM	-2.1E		05:42PM	08:42PM	2.0F
04:42PM	07:24PM	2.1F		04:24PM	07:06PM	1.8F		05:18PM	08:18PM	1.8F		04:42PM	07:24PM	1.9F		06:54PM	10:12PM	1.6F		05:42PM	08:42PM	2.0F		05:42PM	08:42PM	2.0F
11:18PM				11:06PM								11:30PM														
05:18AM	01:36AM	-1.2E	18 Su	05:18AM	01:30AM	-1.2E	18 Mo	12:12AM	03:54AM	-1.3E	18 Tu	05:54AM	02:00AM	-1.3E	18 Th	01:30AM	05:24AM	-1.8E	18 F	12:18AM	03:18AM	-1.9E		07:18AM	09:24AM	1.2F
10:06AM	07:24AM	-1.1F		09:30AM	07:18AM	0.9F		11:06AM	08:24AM	0.8F		10:06AM	01:48AM	-2.1E		08:12AM	10:42AM	1.0F		07:18AM	09:24AM	1.2F		12:12PM	03:12PM	-1.8E
05:42PM	08:30PM	1.8F		05:12PM	07:54PM	1.6F		06:30PM	09:48PM	1.6F		05:36PM	08:24PM	1.8F		07:54PM	11:12PM	1.4F		06:36PM	09:36PM	1.9F		06:36PM	09:36PM	1.9F



Station ID: PUG1539 Depth: 16 feet
 Source: NOAA/NOS/CO-OPS
 Station Type: Harmonic
 Time Zone: LST/LDT

NOAA Tidal Current Predictions

Dana Passage, 2021

Latitude: 47.1631° N Longitude: 122.8681° W
 Mean Flood Dir. 242° (T) Mean Ebb Dir. 49° (T)

Times and speeds of maximum and minimum current, in knots

July				August				September							
Slack	Maximum	Slack	Maximum	Slack	Maximum	Slack	Maximum	Slack	Maximum	Slack	Maximum	Slack	Maximum		
h m	h m	knots	h m	h m	knots	h m	h m	knots	h m	h m	knots	h m	h m	knots	
1 Th	06:30AM 08:48AM 11:36AM 06:06PM	03:30AM 08:48AM 02:18PM 09:00PM	-1.8E 1.0F -1.5E 1.5F	16 F	05:48AM 10:42AM 05:06PM 11:24PM	01:54AM 07:54AM 01:48PM 08:06PM	-2.2E 1.4F -1.9E 2.1F	1 Su	12:00AM 07:36AM 01:48PM 07:24PM	03:24AM 10:18AM 03:42PM 09:36PM	-2.0E 1.2F -0.7E 0.8F	16 W	12:36AM 08:36AM 03:24PM 09:24PM	04:18AM 11:42AM 07:12PM 11:12PM	-1.8E 1.3F -0.9E 0.6F
2 F	12:30AM 07:30AM 12:54PM 07:00PM	04:24AM 10:00AM 03:18PM 09:48PM	-1.9E 1.1F -1.1E 1.3F	17 Sa	06:42AM 12:00PM 06:00PM	02:42AM 02:48PM 08:54PM	-2.3E 1.5F -1.5E 1.8F	2 M	12:36AM 08:24AM 03:06PM 08:42PM	04:12AM 11:36AM 06:42PM 10:36PM	-2.0E 1.3F -0.7E 0.6F	17 Th	12:12AM 08:12AM 02:54PM 08:30PM	03:54AM 10:54AM 05:00PM 10:36PM	-2.4E 1.7F -0.8E 1.0F
3 Sa	01:12AM 08:24AM 02:12PM 08:00PM	05:06AM 11:12AM 04:30PM 10:36PM	-2.0E 1.1F -0.8E 1.1F	18 Su	12:06AM 07:30AM 01:30PM 07:06PM	03:36AM 10:00AM 03:48PM 09:54PM	-2.5E 1.6F -1.2E 1.5F	3 Tu	01:24AM 09:18AM 04:00PM 09:48PM	05:00AM 12:48PM 07:30PM 11:42PM	-2.0E 1.5F -1.1E 0.6F	18 F	01:24AM 09:12AM 04:00PM 09:48PM	05:00AM 12:18PM 07:30PM 11:54PM	-2.4E 1.8F -1.1E 1.0F
4 Su	01:48AM 09:12AM 03:30PM 09:06PM	05:54AM 12:24PM 07:06PM 11:24PM	-2.1E 1.4F -0.8E 0.9F	19 M	12:48AM 08:36AM 03:00PM 08:30PM	04:30AM 11:12AM 05:00PM 10:54PM	-2.6E 1.7F -1.0E 1.3F	4 W	02:24AM 10:06AM 05:00PM 10:42PM	06:00AM 01:36PM 08:30PM	-2.0E 1.7F -1.1E	19 Th	02:36AM 10:12AM 05:00PM 10:48PM	06:06AM 01:30PM 08:30PM	-2.3E 2.0F -1.4E
5 M	02:24AM 10:00AM 04:36PM 10:12PM	06:24AM 01:18PM 08:06PM	-2.2E 1.7F -0.9E	20 Tu	01:42AM 09:30AM 04:12PM 09:48PM	05:24AM 12:24PM 06:30PM	-2.6E 2.0F -0.9E	5 Th	03:18AM 10:54AM 05:42PM 11:30PM	12:48AM 06:54AM 02:12PM 09:12PM	0.7F -2.1E 1.8F -1.3E	20 F	03:42AM 11:06AM 05:48PM 11:42PM	01:06AM 07:18AM 02:24PM 09:18PM	1.2F -2.4E 2.1F -1.6E
6 Tu	03:06AM 10:42AM 05:30PM 11:06PM	06:54AM 02:00PM 08:54PM	-2.2E 1.9F -1.1E	21 W	02:42AM 10:24AM 05:12PM 10:54PM	06:24AM 01:30PM 08:36PM	-2.7E 2.2F -1.2E	6 F	04:12AM 11:36AM 06:18PM	01:36AM 07:42AM 02:42PM 09:42PM	0.9F -2.2E 1.9F -1.4E	21 Sa	04:42AM 12:00PM 06:36PM	02:00AM 03:12PM 10:00PM	1.4F -2.5E 2.2F -1.8E
7 W	03:42AM 11:18AM 06:12PM 11:54PM	01:12AM 07:30AM 02:36PM 09:36PM	0.8F -2.3E 2.0F -1.2E	22 Th	03:42AM 11:18AM 06:12PM 11:54PM	01:06AM 02:24PM 09:30PM	1.2F -2.7E 2.3F -1.4E	7 Sa	12:12AM 04:54AM 12:12PM 06:54PM	02:12AM 08:24AM 03:12PM 10:12PM	1.1F -2.4E 2.0F -1.5E	22 Su	12:30AM 05:36AM 12:42PM 07:18PM	02:54AM 09:00AM 03:48PM 10:42PM	1.5F -2.6E 2.3F -1.9E
8 Th	04:24AM 12:00PM 06:48PM	01:54AM 08:06AM 03:00PM 10:12PM	0.8F -2.3E 2.0F -1.3E	23 F	04:42AM 12:12PM 07:00PM	02:06AM 08:18AM 03:12PM 10:18PM	1.3F -2.7E 2.4F -1.6E	8 Su	12:48AM 05:36AM 12:54PM 07:30PM	02:54AM 09:00AM 03:36PM 10:24PM	1.3F -2.6E 2.2F -1.6E	23 M	01:12AM 08:54AM 01:24PM 07:54PM	03:36AM 09:42AM 04:24PM 11:12PM	1.6F -2.6E 2.2F -2.0E
9 F	12:36AM 05:06AM 12:36PM 07:24PM	02:30AM 08:42AM 03:24PM 10:42PM	1.0F -2.4E 2.1F -1.4E	24 Sa	12:48AM 05:36AM 01:00PM 07:42PM	02:54AM 09:06AM 04:00PM 11:00PM	1.4F -2.8E 2.4F -1.7E	9 M	01:24AM 06:18AM 01:30PM 08:00PM	03:30AM 09:42AM 04:24PM 10:48PM	1.5F -2.7E 2.3F -1.8E	24 Tu	02:00AM 07:12AM 02:00PM 08:24PM	04:18AM 10:18AM 04:54PM 11:36PM	1.6F -2.4E 2.1F -2.1E
10 Sa	01:12AM 05:48AM 01:12PM 08:00PM	03:12AM 09:24AM 04:00PM 10:54PM	1.1F -2.5E 2.2F -1.4E	25 Su	01:36AM 06:30AM 03:42PM 08:24PM	03:48AM 09:54AM 04:48PM 11:42PM	1.4F -2.7E 2.4F -1.8E	10 Tu	02:06AM 07:00AM 02:00PM 08:30PM	04:18AM 10:24AM 04:48PM 11:18PM	1.6F -2.7E 2.4F -2.0E	25 W	02:42AM 08:00AM 02:36PM 08:54PM	05:00AM 11:00AM 05:18PM 11:54PM	1.6F -2.2E 2.0F -2.2E
11 Su	01:54AM 06:30AM 01:48PM 08:36PM	03:54AM 10:06AM 04:36PM 11:12PM	1.2F -2.6E 2.2F -1.5E	26 M	02:24AM 07:24AM 02:24PM 09:06PM	04:36AM 10:42AM 05:30PM	1.5F -2.6E 2.3F	11 W	02:48AM 07:48AM 02:36PM 09:00PM	05:00AM 11:06AM 05:24PM 11:54PM	1.7F -2.7E 2.5F -2.3E	26 Th	03:24AM 08:54AM 03:12PM 09:18PM	05:48AM 11:42AM 05:54PM	1.6F -2.0E 1.8F
12 M	02:30AM 07:12AM 02:24PM 09:12PM	04:36AM 10:42AM 05:12PM 11:48PM	1.3F -2.7E 2.3F -1.7E	27 Tu	03:12AM 08:12AM 03:06PM 09:42PM	12:18AM 05:24AM 11:24AM 06:06PM	-1.9E 1.4F -2.5E 2.1F	12 Th	03:30AM 08:36AM 03:12PM 09:30PM	05:48AM 11:48AM 06:06PM	1.8F -2.4E 2.4F	27 F	04:12AM 09:48AM 03:54PM 09:48PM	12:24AM 06:24PM	-2.2E 1.6F -1.6E 1.6F
13 Tu	03:12AM 07:54AM 03:00PM 09:42PM	05:24AM 11:30AM 05:54PM	1.4F -2.7E 2.4F	28 W	04:00AM 09:06AM 03:48PM 10:18PM	12:48AM 06:12AM 12:06PM 06:36PM	-1.9E 1.4F -2.2E 2.0F	13 F	04:18AM 09:36AM 03:54PM 10:00PM	12:36AM 06:36AM 12:36PM 06:48PM	-2.5E 1.8F -2.1E 2.2F	28 Sa	04:54AM 10:48AM 04:42PM 10:12PM	01:00AM 07:18AM 01:06PM 07:06PM	-2.2E 1.5F -1.3E 1.2F
14 W	04:00AM 08:42AM 03:42PM 10:18PM	12:24AM 06:12AM 12:12PM 06:36PM	-1.8E 1.4F -2.6E 2.4F	29 Th	04:54AM 10:06AM 04:30PM 10:54PM	01:18AM 07:06AM 12:48PM 07:12PM	-1.9E 1.3F -1.8E 1.7F	14 Sa	05:12AM 10:42AM 04:42PM 10:36PM	01:18AM 07:30AM 01:24PM 07:36PM	-2.6E 1.8F -1.7E 1.9F	29 Su	05:42AM 11:54AM 05:42PM 10:42PM	01:36AM 08:12AM 02:00PM 07:54PM	-2.1E 1.4F -0.9E 0.9F
15 Th	04:54AM 09:36AM 04:18PM 10:54PM	01:06AM 07:00AM 12:54PM 07:18PM	-2.0E 1.4F -2.3E 2.3F	30 F	05:48AM 11:12AM 05:18PM 11:24PM	01:54AM 08:00AM 08:00AM 07:54PM	-2.0E 1.2F -1.4E 1.4F	15 Su	06:06AM 12:00PM 05:42PM 11:18PM	02:06AM 08:30AM 02:24PM 08:30PM	-2.6E 1.7F -1.3E 1.5F	30 M	06:36AM 12:06PM 07:00PM 11:30PM	02:24AM 09:06AM 03:06PM 08:54PM	-2.0E 1.3F -0.7E 0.7F
31 Sa				31 Su	06:42AM 12:24PM 06:12PM	02:36AM 09:06AM 02:36PM	-2.0E 1.2F -1.0E 1.1F								

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tidal current tables.

