




Current Tables

	Station ID: PUG1703 Depth: 75 feet Source: NOAA/NOS/CO-OPS Station Type: Harmonic Time Zone: LST/LDT							NOAA Tidal Current Predictions <h3 style="text-align: center;">San Juan Channel, south entrance, 2022</h3> Latitude: 48.4610° N Longitude: 122.9520° W Mean Flood Dir. 347° (T) Mean Ebb Dir. 168° (T) Times and speeds of maximum and minimum current, in knots						
	April			May			June							
	Slack	Maximum	knots	Slack	Maximum	knots	Slack	Maximum	knots					
	1 F ●	00:24 03:06 3.4F 05:48 09:18 -3.6E 12:54 15:42 3.5F 18:30 22:00 -4.0E	16 Sa ○	04:48 07:48 -3.9E 11:54 15:06 3.5F 17:54 21:06 -3.4E	1 Su	01:18 03:18 1.8F 05:24 08:54 -3.5E 12:48 16:06 4.3F 19:18 22:36 -3.6E	16 M ○	00:30 02:42 1.9F 04:30 08:00 -4.8E 12:06 15:36 4.8F 18:48 21:54 -3.1E	1 W	02:54 03:54 0.4F 05:00 09:06 -3.8E 13:18 16:54 4.7F 20:30 23:42 -3.1E	16 Th	02:24 03:54 0.9F 05:12 09:06 -5.3E 13:12 16:48 6.0F 20:24 23:42 -3.3E		
2 Sa	01:18 03:48 2.8F 06:18 09:48 -3.4E 13:30 16:30 3.7F 19:24 22:54 -3.8E	17 Su	00:42 03:06 2.5F 05:18 08:30 -4.2E 12:30 15:48 3.9F 18:48 21:54 -3.4E	2 M	02:12 04:00 1.4F 05:48 09:18 -3.4E 13:24 16:48 4.2F 20:06 23:24 -3.4E	17 Tu	01:24 03:24 1.7F 05:06 08:42 -5.0E 12:48 16:18 5.1F 19:42 22:48 -3.1E	2 Th	04:00 04:30 0.1F 09:42 17:30 4.6F 21:06	17 F	03:30 04:48 0.7F 06:00 10:00 -4.9E 14:00 17:36 5.8F 21:12			
3 Su	02:18 04:30 2.2F 06:48 10:12 -3.2E 14:06 17:18 3.8F 20:18 23:42 -3.6E	18 M	01:30 03:48 2.3F 05:54 09:12 -4.4E 13:12 16:36 4.2F 19:42 22:48 -3.2E	3 Tu	03:00 04:30 0.9F 06:06 09:48 -3.4E 14:00 17:30 4.1F 20:54	18 W	02:18 04:12 1.4F 05:48 09:30 -5.1E 13:36 17:06 5.3F 20:42 23:48 -3.0E	3 F	00:30 -3.1E 05:06 -0.2E 10:18 -3.5E 14:48 18:06 4.5F 21:42	18 Sa	00:36 -3.5E 05:48 0.5F 11:00 -4.2E 14:48 18:24 5.3F 21:54			

	Station ID: PUG1730 Depth: 15 feet Source: NOAA/NOS/CO-OPS Station Type: Harmonic Time Zone: LST/LDT							NOAA Tidal Current Predictions <h3 style="text-align: center;">Lopez Pass, 2022</h3> Latitude: 48.4797° N Longitude: 122.8189° W Mean Flood Dir. 286° (T) Mean Ebb Dir. 90° (T) Times and speeds of maximum and minimum current, in knots						
	July			August			September							
	Slack	Maximum	knots	Slack	Maximum	knots	Slack	Maximum	knots					
	1 F	02:24 03:42 0.5F 05:36 09:48 -3.2E 13:30 16:24 2.5F 20:30 23:42 -1.7E	16 Sa	02:06 03:54 1.2F 06:12 10:06 -3.8E 13:42 16:42 3.1F 20:42	1 M	03:06 04:54 0.9F 07:12 10:42 -3.1E 14:00 16:54 2.8F 20:36 23:48 -2.5E	16 Tu	03:30 00:00 -3.3E 08:30 05:48 1.6F 14:42 11:24 -2.4E 20:54 17:24 2.4F	1 Th	03:30 06:00 1.9F 09:18 11:54 -2.0E 14:54 17:36 1.9F 20:12	16 F	04:12 00:06 -2.9E 10:30 07:12 2.0F 17:00 13:24 -1.4E 20:36 18:30 0.5F		
2 Sa	03:06 04:30 0.5F 06:24 10:24 -3.2E 14:06 16:54 2.5F 21:06	17 Su	03:06 00:00 -2.6E 04:54 1.2F 07:12 10:54 -3.4E 14:24 17:24 2.9F 21:18	2 Tu	03:54 05:42 1.0F 08:12 11:24 -2.7E 14:36 17:30 2.6F 21:00	17 W	04:24 00:36 -3.3E 09:36 06:54 1.7F 15:30 12:18 -1.8E 21:18 18:06 1.8F	2 Th	04:06 06:48 2.0F 10:24 12:48 -1.6E 16:00 18:24 1.4F 20:36	17 Sa ○	05:00 00:36 -2.5E 11:36 08:12 1.9F 18:54 15:24 -1.3E 20:48 19:42 0.1F			
3 Su	03:54 00:18 -1.7E 07:06 11:06 -3.1E 14:42 17:30 2.5F 21:36	18 M	04:06 00:42 -2.8E 06:00 1.1F 08:24 11:42 -2.9E 15:12 18:06 2.7F 21:54	3 W	04:36 00:18 -2.8E 06:36 1.1F 09:18 12:12 -2.2E 15:12 18:06 2.4F 21:18	18 Th	05:12 01:12 -3.1E 08:00 1.7F 10:48 13:24 -1.3E 16:42 18:54 1.2F 21:48	3 Sa ●	04:54 00:42 -3.3E 07:48 2.1F 11:36 14:00 -1.3E 17:24 19:24 0.9F 21:18	18 Su	05:54 01:24 -2.1E 12:48 09:24 1.7F 21:00 17:00 -1.4E			

	Station ID: PUG1635 Depth: 52 feet Source: NOAA/NOS/CO-OPS Station Type: Harmonic Time Zone: LST/LDT							NOAA Tidal Current Predictions <h3 style="text-align: center;">New Dungeness Light, 2.8 mi. NNW of, 2022</h3> Latitude: 48.2335° N Longitude: 123.1334° W Mean Flood Dir. 66° (T) Mean Ebb Dir. 273° (T) Times and speeds of maximum and minimum current, in knots						
	July			August			September							
	Slack	Maximum	knots	Slack	Maximum	knots	Slack	Maximum	knots					
	1 F	03:06 -0.3E 09:48 -1.6E 14:54 18:06 1.4F 21:18	16 Sa	04:48 10:36 -2.1E 14:48 18:06 1.8F 21:00	1 M	05:18 00:00 -1.3E 06:24 11:36 -1.3E 15:18 18:12 -1.1F 20:42	16 Tu	04:36 06:48 0.5F 08:30 12:30 -1.5E 16:06 18:42 0.9F 20:48	1 Th	04:06 06:42 0.6F 09:06 12:30 -1.1E 16:30 18:18 0.5F 20:12 23:54 -1.7E	16 F	05:12 08:30 0.7F 10:54 14:12 -0.8E 18:18 18:18 -0.1E		
2 Sa	00:30 -0.9E 04:00 -0.3E 10:48 -1.5E 15:18 18:36 1.3F 21:30	17 Su	06:00 00:12 -1.1E 11:36 -1.9E 15:30 18:42 1.6F 21:30	2 Tu	05:06 00:12 -1.4E 06:24 0.1F 07:42 12:12 -1.2E 16:00 18:36 0.9F 21:00	17 W	05:18 00:18 -1.4E 07:42 0.5F 09:36 13:18 -1.2E 17:00 19:06 0.5F 21:06	2 Th	04:54 07:24 0.6F 10:06 13:06 -0.9E 17:12 18:48 0.3F 20:30	17 Sa ○	06:24 09:42 0.6F 12:12 15:42 -0.6E 18:36 18:36 -0.2E			
3 Su	00:54 -1.0E 05:36 -0.3E 11:24 -1.4E 15:54 19:00 1.2F 21:48	18 M	06:18 00:42 -1.3E 07:36 -1.6E 16:18 19:18 1.3F 22:00	3 W	05:24 00:18 -1.4E 08:48 0.2F 16:48 18:54 0.7F 21:24	18 Th	06:06 00:36 -1.3E 08:54 0.5F 10:48 14:30 -1.0E 18:06 19:18 0.1F 20:48	3 Sa ●	05:54 00:30 -1.7E 11:18 09:06 0.5F 18:00 19:18 0.2F 20:42	18 Su	08:00 10:48 0.7F 14:00 16:36 -0.5E 19:00 19:00 -0.3E			



Station ID: PUG1702 Depth: 47 feet  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Harmonic  
 Time Zone: LST/LDT

NOAA Tidal Current Predictions

**Rosario Strait, 2022**

Latitude: 48.4581° N Longitude: 122.7501° W  
 Mean Flood Dir. 357° (T) Mean Ebb Dir. 190° (T)

Times and speeds of maximum and minimum current, in knots

April						May						June														
Slack			Maximum			Slack			Maximum			Slack			Maximum			Slack			Maximum					
h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots
<b>1</b>	01:42	04:18	2.2F	<b>16</b>	01:00	03:42	1.8F	<b>1</b>	02:24	04:12	1.0F	<b>16</b>	01:24	03:30	0.9F	<b>1</b>		00:48	-0.7E	<b>16</b>	04:00	00:06	-1.0E			
F	07:06	10:42	-2.8E	Sa	06:18	10:00	-3.1E	Su	06:06	10:18	-3.7E	M	05:12	09:48	-4.5E	W	14:48	04:36	-0.1E	Th	04:00	10:42	-4.5E			
	14:18	16:36	1.8F	○	13:54	16:24	2.0F		14:12	17:00	2.7F	○	13:48	16:48	3.4F		22:30	10:36	-4.0E		14:42	17:54	3.9F			
	19:18	22:54	-2.5E		19:12	22:12	-2.0E		20:48	23:54	-1.4E		20:42	23:12	-1.2E			17:48	3.0F		22:18					
<b>2</b>	02:30	04:54	1.9F	<b>17</b>	01:42	04:18	1.6F	<b>2</b>	03:12	04:42	0.6F	<b>17</b>	02:24	04:12	0.6F	<b>2</b>		01:30	-0.6E	<b>17</b>		01:06	-1.2E			
Sa	07:30	11:12	-3.0E	Su	06:30	10:30	-3.5E	M	06:12	10:48	-3.8E	Tu	05:30	10:24	-4.6E	Th	15:18	05:06	-0.3E	F	15:30	05:24	-0.1E			
	14:48	17:18	2.0F		14:24	17:06	2.5F		14:42	17:36	2.8F		14:24	17:30	3.7F		23:06	11:12	-3.8E		11:30	11:40	-4.1E			
	20:18	23:48	-2.1E		20:12	23:06	-1.7E		21:42				21:36					18:24	2.8F		15:30	18:32	3.6F			
<b>3</b>	03:12	05:24	1.5F	<b>18</b>	02:30	04:48	1.2F	<b>3</b>	04:12	00:42	-1.1E	<b>18</b>	03:42	00:12	-1.1E	<b>3</b>		02:12	-0.6E	<b>18</b>		02:06	-1.4E			
Su	07:42	11:42	-3.2E	M	06:48	11:06	-3.9E	Tu	06:12	11:18	-3.8E	W	05:48	11:06	-4.5E	F	16:00	05:36	-0.4E	Sa	16:24	06:24	-0.3E			
	15:24	18:00	2.2F		14:54	17:48	2.9F		15:18	18:12	2.8F		15:06	18:12	3.8F		23:42	11:48	-3.5E		19:36	12:24	-3.5E			
	21:18				21:18				22:30				22:30					19:06	2.6F		23:48	19:36	3.3F			



Station ID: PUG1630 Depth: 22 feet  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Harmonic  
 Time Zone: LST/LDT

NOAA Tidal Current Predictions

**Kanem Point, 1.5 mi. SW of Protection Island, 2022**

Latitude: 48.1077° N Longitude: 122.9736° W  
 Mean Flood Dir. 117° (T) Mean Ebb Dir. 279° (T)

Times and speeds of maximum and minimum current, in knots

October						November						December														
Slack			Maximum			Slack			Maximum			Slack			Maximum			Slack			Maximum					
h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots
<b>1</b>	03:00	05:42	1.1F	<b>16</b>	03:18	05:54	0.7F	<b>1</b>	03:54	07:00	1.3F	<b>16</b>	03:42	07:18	0.4F	<b>1</b>	04:24	07:24	0.8F	<b>16</b>	05:30	08:18	0.4F			
Sa	10:00	13:30	-1.0E	Su	11:30	15:18	-1.0E	Tu	11:24	14:54	-1.1E	W	11:36	15:12	-0.7E	Th	10:42	14:06	-1.1E	F	11:12	14:36	-0.8E			
	19:06			○	20:12			○	20:12			○	19:36			○	17:42	19:48	0.4F	○	18:24	20:12	0.3F			
<b>2</b>	03:36	06:24	1.2F	<b>17</b>	04:00	06:30	0.6F	<b>2</b>	05:12	08:24	1.1F	<b>17</b>	05:36	08:36	0.4F	<b>2</b>	06:06	08:36	0.7F	<b>17</b>	06:42	09:00	0.4F			
Su	10:54	14:30	-1.0E	M	12:18	16:24	-1.0E	W	12:18	16:00	-1.0E	Th	12:30	16:00	-0.7E	F	11:30	15:12	-1.2E	Sa	11:42	15:30	-1.1E			
	20:00	20:00	-0.2E	○	21:00			○	20:00	21:06	0.1F	○	19:24	20:42	0.2F	○	18:30	20:48	0.6F	○	19:00	21:06	0.4F			
<b>3</b>	04:18	07:24	1.3F	<b>18</b>	05:00	07:54	0.5F	<b>3</b>	06:54	09:42	0.9F	<b>18</b>	07:12	09:36	0.4F	<b>3</b>	00:00	04:18	-1.3E	<b>18</b>	07:30	09:42	0.5F			
M	11:54	15:48	-1.0E	Tu	13:24	17:18	-0.9E	Th	13:24	17:06	-1.1E	F	13:12	16:36	-0.9E	Sa	07:30	09:36	0.6F	Su	12:12	16:18	-1.4E			
○	20:48	20:48	-0.2E	○	21:36			○	20:12	22:00	0.4F	○	19:36	21:24	0.4F	○	19:18	21:48	0.8F	○	19:36	21:54	0.6F			



Station ID: PUG1630 Depth: 22 feet  
 Source: NOAA/NOS/CO-OPS  
 Station Type: Harmonic  
 Time Zone: LST/LDT

NOAA Tidal Current Predictions

**Kanem Point, 1.5 mi. SW of Protection Island, 2022**

Latitude: 48.1077° N Longitude: 122.9736° W  
 Mean Flood Dir. 117° (T) Mean Ebb Dir. 279° (T)

Times and speeds of maximum and minimum current, in knots

July						August						September														
Slack			Maximum			Slack			Maximum			Slack			Maximum			Slack			Maximum					
h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots	h	m	knots
<b>1</b>	04:18	09:30	-1.6E	<b>16</b>	01:54	03:30	0.2F	<b>1</b>	02:36	04:48	0.3F	<b>16</b>	02:36	05:24	0.7F	<b>1</b>	03:24	05:54	-1.5E	<b>16</b>	03:54	07:00	0.6F			
F	12:30	15:00	0.8F	Sa	05:00	09:54	-1.8E	M	06:42	11:00	-1.5E	Tu	08:36	12:12	-1.4E	Th	09:06	12:36	-0.9E	F	03:54	07:00	0.6F			
	20:42	23:30	-0.8E	○	13:06	16:18	1.2F		14:42	18:06	0.6F		15:54	18:30	0.7F		16:06	19:00	0.4F		11:18	14:36	-1.0E			
					20:12	23:06	-1.2E		21:12				20:54				21:00				18:12	19:48	0.3F			
<b>2</b>	04:48	10:18	-1.5E	<b>17</b>	02:30	04:30	0.4F	<b>2</b>	03:24	00:00	-1.0E	<b>17</b>	03:42	00:12	-1.5E	<b>2</b>	04:06	00:48	-1.6E	<b>17</b>	04:30	01:00	-1.4E			
Sa	13:36	16:30	0.7F	Su	06:30	11:00	-1.7E	Tu	07:48	05:36	0.3F	W	10:00	06:30	0.7F	F	10:12	06:30	0.7F	Sa	12:18	07:48	0.6F			
	21:24				14:24	17:36	1.0F		15:36	18:54	0.8F		17:00	19:24	0.6F		17:30	19:42	0.3F	○	12:18	15:48	-1.0E			
					21:00	23:54	-1.2E		21:36				21:36				21:18			○	19:36	20:42	0.2F			
<b>3</b>	04:18	00:06	-0.8E	<b>18</b>	03:12	05:36	0.5F	<b>3</b>	04:18	00:48	-1.2E	<b>18</b>	04:42	01:00	-1.6E	<b>3</b>	04:36	01:24	-1.6E	<b>18</b>	05:06	01:36	-1.2E			
Su	06:24	11:12	-1.5E	M	08:00	12:06	-1.5E	W	08:54	12:48	-1.0E	Th	11:30	07:42	-1.0E	Sa	11:18	07:24	-0.8E	Su	13:18	08:24	-1.0E			
	14:42	18:18	0.6F		15:42	18:42	0.8F		16:24	19:42	0.5F		18:12	20:12	0.5F	○	19:36	17:06	-1.0E		20:54	17:06	-1.0E			
	22:00				21:36				22:00				22:12				21:24				22:06					

