THE EIGHT ANNUAL GREAT POTTER YACHTER NORTHWEST ESCAPE AND MESSABOUT



August 30 - September 17 2010

"There is nothing – absolutely nothing –
half so much worth doing
as simply messing about in boats."
Kenneth Grahame
"The Wind in the Willows"

OUR MISSION



While we travel with friends, you sail alone and you are the captain of your vessel.

It has been said that Pottering is a frame of mind, where friends share the fun of sailing small craft.

Our mission is to advance the cause of Potterdom and make safe harbor.

Have Fun And Sail Safe!

The enclosed information and charts are for planning and reference only. The GPS coordinates have not been verified and the sailing directions are designed to help you in the planning of your route.

Cover Photo: Jim Ferguson A few of the Suspects: Don Person

MESSABOUT VIII

TRAVEL & SAIL PLAN

- Day 1: Monday, Aug 30, Depart for Bellingham, WA. Distance: approx. 900 miles, Driving time: approx. 16 hours.
- Day 2: Tuesday, Aug 31, Travel. Arrive Squalicum Harbor, Bellingham.
- Day 3: Wednesday, Sept 1, Squalicum to Fossil Bay, Sucia Island (19 nm, 6+30 hrs). This is the longest sail of the trip, but there are two possible stops along the way, Inati Bay (7 nm), and Maita Island (17 nm).
- Day A: Thursday, Sept 2, Fossil Bay to Bidwell Harbour, South Pender Island, B.C. (15 nm, 5 hrs). Clear Canadian Customs. Need passport. We can stay at Bidwell Harbour or continue to Port Browning (3 nm, 1 hr).
- Day 3: Friday, Sept 3, Port Browning to Montague Harbour, Galiano Island (12 nm, 4 hrs). We will need reservations to stay at the marina but lots of room to anchor.
- Day 6: Saturday, Sept 4, Montague Harbour to Ganges, Salt Spring Island (8 nm, 3 hrs). We will need reservations for Saturday and Sunday night.
- Day 7: Sunday, Sept 5, Layover for Labor Day Weekend. Expect a Labor Day crowd, which should depart Monday for home.
- Day 8: Monday, Sept 6, Ganges to Otter Bay, North Pender Island (8 nm, 3 hrs).
- Day 9: Tuesday, Sept 7, Otter Bay to Sidney Spit, B.C. (10 nm, 3+30 hrs). Depending on weather, etc., we can anchor at Sidney Spit, or go into Sidney Marina or Tsehum Harbour. Garages - Green Fact (N. Pender)

 Day 10: Wednesday, Sept 8, Sidney Spit to Roche Harbor, San Juan Island, WA. Janehor
- (10 nm, 3+30 hrs), to clear U.S. Customs and Immigration. We can stay at Roche Harbor or continue to Reid Harbor, Stuart Island (5 nm, 2 hrs).

 Day 11: Thursday, Sept 9, Reid Harbor to Deer Harbor, Oreas Island (11 nm, 4 hrs).
- Day 12: Friday, Sept 10, Layover. This layover can be taken anywhere and is only tentatively scheduled for Deer Harbor.
- Day 13: Saturday, Sept 11, Deer Harbor to Blakeley Island Marina, Blakeley Island. (9 nm, 3 hrs). Depending on conditions, can have lunch at Olga or sail into East Sound.

Day 14: Sunday, Sept 12, Blakeley Island Marina to Squalicum Harbor (17 nm, 6 hrs). Depending on conditions, can stop at Inati Bay (10 nm).

Day 15: Monday, Sept 13, Depart Bellingham for points south.

Days 16/17: Tuesday/Wednesday, Sept 14/15, arrive home.

DRIVING DIRECTIONS

TO BELLINGHAM, WA

Distance: approx. 900 miles from Bay area. Driving time: approx. 16 hours.

- 1. Take 1-5 North approx 600 miles to southern edge of Portland, OR.
- 2. Take 1-205 North (Exit 288)- go 37 miles to bypass Portland traffic.
- 3. Rejoin 1-5 North (Exit 36)- go 149 miles to southern edge of Seattle, W A.
- 4. Take the 405 North (Exit 154) go 31 miles to bypass Seattle traffic.
- 5. Rejoin 1-5 North (Exit 182) go 70 miles to Bellingham, WA
- 6. In Bellingham: take the Meridian St. Exit(No. 256).
- 7. Turn left onto Meridian St. go .4 mile.
- 8. Turn right onto Squalicum Way go 2 miles.
- 9. Proceed to the Squalicum Harbor area. See map.

Note: The launch ramp is on the east side of the Harbor Center Building at 1801 Roeder Ave. Cost to launch is \$10.00 in and out. Pay at machine at ramp and display ticket on dash. Harbor office phone # 360-676-2542.

SQUALICUM HARBOR



STUFF TO KNOW

General:

- 1. Gusty winds are possible northeast of Orcas Island if the wind is out of the south to west. We will be sailing in this area on the first day. The wind can go from 0 to 40 MPH in seconds. Watch for gusts hitting the water.
- **2.** Be aware of **overfalls** where a current runs over a shallow spot. **Overfalls** are a lot like standing river rapids. If sailing with the current, it is hard to see them until into them. If sailing against the current and paying attention, you should be able to see and avoid.

Charts:

- 1. Canadian Hydrographic Service, Juan De Fuca Strait, #3462; and Strait of Georgia, #3463
- 2. Waterproof Charts: San Juan Islands, #43; and Gulf Islands British Columbia, #86. www.waterproofcharts.com

Travel to Canada:

- 1. Rules and requirements are changing. Check www.cbp.gov for information. Go to the Travel tab, then click on Pleasure Boats. Telephone Roche Harbor (360) 378-2080, or Friday Harbor (360) 378-2080 for current info before crossing border.
- 2. You will need a passport, and boat registration. For general information see: http://www.sanjuanyachting.com/customs.htm
- 3. In Canada, **firearms are not permitted**. Each adult is permitted 40 fluid ounces of liquor, 1.5 liters of wine, or 24 12 ounce bottles of beer.
- 4. In Canada, report to a designated Customs-Port-of-Entry. If landing at an unmanned location, call 1-888-226-7277 (toll free). There is a Customs Dock at Bedwell Harbour, open until 5 pm. Tel (250) 629-3363.
- 5. In U.S. report to a designated port-of-entry. Roche Harbor, tel: (360) 378-2080; or Friday Harbor, tel: (360) 378-2080. Call before expecting to clear Roche Harbor.

Moorage and Launch Fees:

- 1. Marine Parks: Fossil Bay, Reid Harbor, Prevost Harbor, etc. \$10.00, deposit at dock.
- 2. At Marinas, plan on paying up to \$1.60 a foot per night.
- 3. Squalicum Harbor: \$10.00. Pay at the machine at ramp and display the ticket on dash.

Marinas:

Bellingham, Squalicum Harbor. Harbor Master, hail on VHF Ch 16. Tel: (360) 676-2542. All services, cafe, laundry, showers, parking, launch ramp etc. Complimentary shuttle to downtown. Website: www.portofbellingham.com **Note:** Cost to launch is \$10.00 in and out. Pay at the machine at ramp and display the ticket on dash.

Bedwell Harbour, South Pender Island. Clear Customs. Customs office on dock at Bedwell Harbour, open until 5 pm. Tel (250) 629-3363. **Poet's Cove Marina**. Very Posh, moorage, showers, cafe, pool, etc. Hail on VHF 66A. Tel: (250) 629-2111 or (866) 888-2683. Website: www.poetscove.com

Blakely Island Marina, Blakely Island. Hail on VHF Ch 66A. Tel: (360) 375-6121. Guest moorage, water, showers, provisions. No cafe, eat on boats. Fresh, hot pastries, donuts, coffee at store in morning.

Deer Harbor Marina, Orcas Island. Hail on VHF Ch 78A. Tel: (360) 376-3037. Most services available, dining located nearby. Website: www.bellportgroup.com.

Ganges Marina, Salt Spring Island. All services, easy walking distance to town. Hail on VHF 66A. Tel: (250) 538-1719. Website: www.ganges-marina.com

Inati Bay, Lummi Island. A good stopping place between Squalicum and either Blakely Island Marina or Fossil Bay, Sucia Island. Good Anchorage. Enter south of the white buoy. A rock in the entrance is barely covered at high tide.

Marine State Parks: Fossil Bay, Sucia Island; Reid Harbor, Stuart Island. Moorage available, \$10.00 fee paid at dock. Pit toilets, fresh water available.

Montague Harbour Marina, Galiano Island. Hail on VHF 66A. Tel: (250) 539-5733. Most services. Adjacent to the marina is the government dock, available to the public, with several good anchorages in the bay. Website: www.montagueharbour.com

Otter Bay Marina, North Pender Island. Otter Bay Marina is past the ferry terminal, behind the point of land with all the flags. Hail on VHF 66ATel: (250) 629-3579. Most services. Website: www.otterbaymarina.ca

Port Browning Marina, North Pender Island. Hail on VHF 66A. Tel: (250) 629-3493. Most services available. Good anchorage nearby but easterly exposure.

Port Sidney Marina, Vancouver Island, B.C. Hail on VHF Ch 66A. Tel: (250) 655-3711. All services but long walk from guest slips to office. Customs clearance available via courtesy telephone at Customs Check-In at end of F Dock. Enter marina and turn to port. Website: www.portsidney.com.

Roche Harbor, San Juan Island. Clear customs at office on end of dock at marina. Hail on VHF Ch 78A. Tel: (800) 586-3590. Advertised as a premier, state-of-the-art marina (translation: expensive). Website: www.rocheharbor.com

Sidney Spit Marine Park, Sidney Island. Mooring buoys and a pier available. Located 2.5 nm east of Sidney, across Sidney Channel.

Note:

Satellite coverage: Google Earth provides detailed photography of the entire San Juans and Gulf Islands.

Inati Bay OFGEORG San Contraction of the Contracti

The San Juan and Gulf Islands

Map: Dave Lawson

SAILING DIRECTIONS

General:

- 1. Gusty winds are possible northeast of Orcas Island if the wind is out of the south to west. We will be sailing in this area on the first day. The wind can go from 0 to 40 MPH in seconds. Watch for gusts hitting the water.
- 2. Be aware of "overfalls" where a current runs over a shallow spot. Overfalls are a lot like standing river rapids. If sailing with the current, it is hard to see them. If sailing against the current, and you are paying attention, you should be able to see them soon enough to avoid.

Bellingham (Squalicum Harbor) to Fossil Bay, Sucia Island, 19 nm.

- Clear harbor and sail SW (225) for 6 nm to round Portage Island to the south.
- Enter Hale Passage and Sail WNW (300) for 5 nm to Migley Point.
- Sail WSW (250) for 7 nm to Fossil Bay.
- Enter Fossil Bay, sail 1 nm to dock at western end.

Bellingham (Squalicum Harbor) to Inati Bay, Lummi Island, 7 nm.

- Clear harbor and sail SSW (205) for 7 nm to Inati Bay on Lummi Island.
- Enter Inati Bay south of white buoy.

Bedwell Harbour to Port Browning, North Pender Island, 2.5 nm.

- Sail WNW (295) up Bedwell Harbour for 2.5 nm.
- Warning: must clear fixed bridge, 29 feet.

Blakely Island Marina to Inati Bay, Lummi Island, 11 nm.

- Clear marina and turn to East to sail through Peavine Pass.
- Sail NE (045) for 6 nm to clear northern end of Sinclair Island.
- Sail ENE (065) for 3 nm to round Carter Point on south end of Lummi Island. Avoid Viti Rocks .75 nm SW of Carter Point.
- Sail Northward 2 nm to Inati Bay.
- Enter Anati Bay south of white buoy.

Blakely Island Marina to Deer Harbor Marina, Orcas Island, 9 nm.

- Sail WSW (255) for 7 nm and enter Harney Channel to Crane Island.
- Depending on currents, go through Pole Pass (on north side of Crane Island), or round Crane Island to the south.
- Sail Northward into Deer Harbor, 2 nm, to Deer Harbor Marina.

Blakely Island Marina to Friday Harbor, San Juan Island, 9 nm.

- Clear Harbor and sail SW (235) for 3 nm to Upright Head, and enter Upright Channel.
- Sail SSW (210) for 3 nm to S tip of Shaw Island.
- Sail WSW (245) for 3 nm to cross San Juan Channel and enter Friday Harbor.

SAILING DIRECTIONS (cont.)

Deer Harbor Marina to Blakely Island Marina, Blakely Island, 9 nm.

- Sail Southward 2nm to clear Deer Harbor.
- Depending on currents, go through Pole Pass (on north side of Crane Island), or round Crane Island to the south.
- Sail ENE (075) for 7 nm to Blakely Island Marina, on north tip of Blakely Island.

Deer Harbor to Friday Harbor, San Juan Island, 6 nm.

- Sail S (180) for 3 nm to enter San Juan Channel.
- Sail SE (140) for 2 nm to enter Friday Harbor. Marina is 1 nm to West.

Deer Harbor to Reid Harbor, Stuart Island, 11 nm.

- Sail Southward for 1 nm to clear Deer Harbor.
- Sail WSW (250) for 1 nm to clear Jones Island to the south.
- Sail WNW (285) for 8 nm to clear Spieden Island to south or north, depending on currents, and enter Reid Harbor, 1 nm to dock.

Fossil Bay to Bedwell Harbour, South Pender Island, 16 nm.

- Clear Fossil Bay, 1 nm.
- Sail WSW (245) for 13 nm to clear south end of South Pender Island.
- Sail WNW (295) for 2 nm to enter Bedwell Harbour from the west side of South Pender Island.

Fossil Bay to Inati Bay, Lummi Island, 13 nm.

- Clear harbor.
- Sail ENE (070) for 7 nm to Point Migley.
- Sail ESE (125) for 6 nm to Anati Bay.
- Enter Anati Bay south of white buoy.

Fossil Bay to Reid Harbor, Stuart Island, 16 nm.

- Clear Fossil Bay, 1 nm.
- Sail SSW (210) for 11 nm to eastern tip of Spieden Island.
- Sail Westward for 3 nm to clear Spieden Island to north or south, depending on currents, and enter Reid Harbor, 1 nm to dock.

Friday Harbor to Blakely Island Marina, Blakely Island, 9 nm.

- Sail ENE (065) for 3 nm to cross San Juan Channel and enter Upright Channel.
- Sail NNE (030) up Upright Channel for 3 nm to clear Upright Head.
- Sail NE (055) for 3 nm to Blakely Island Marina.

Friday Harbor to Deer Harbor, Orcas Island, 6 nm.

- Clear harbor, 1 nm to east.
- Sail NW (320) for 2 nm to clear NW tip of Shaw Island.
- Sail N (360) for 3 nm to Deer Harbor Marina.

SAILING DIRECTIONS (cont.)

Friday Harbor to Roche Harbor, San Juan Island, 11 nm.

- Clear harbor, 1 nm, and turn to port and sail northward.
- Sail around San Juan Island, 9 nm, to Roche Harbor entrance,
- Enter Roche Harbor, Marina is 1 nm on east side of harbor.

Ganges to Montague Harbour, Galiano Island, 7.5 nm.

- Clear Marina and sail E (095) for 2 nm.
- Round the beacon at the mouth of Ganges Harbor and sail ENE (070) for 1.5 nm to Scott Point.
- Sail N (005) for 2.5 nm to Phillimore Point and enter Montague Harbour.
- Sail to NW (325) for 1.5 nm to marina.

Ganges to Otter Bay, North Pender Island, 8 nm.

- Sail Eastward (100) for 8 nm, across Captain Passage and Swanson Channel to Otter Bay Marina.
- Warning: Ferry traffic.

Inati Bay to Bellingham (Squalicum Harbor), 7 nm

- Clear Inati Bay.
- Sail NNE (025) for 7 nm to Squalicum Harbor, Bellingham.

Inati Bay to Blakely Island Marina, Blakely Island, 11 nm.

- Clear Inati Bay and sail southward for 2 nm to Carter Point.
- Sail WSW (245) for 3 nm to clear Sinclair Island. Avoid Viti Rocks .75 nm SW of Carter Point.
- Sail SW (225) for 6 nm to enter Peavine Pass on north end of Blakely Island.
- Blakely Marina is on the western side of Peavine Pass, northern tip of Blakely Island.

Inati Bay to Fossil Bay, Sucia Island, 13 nm.

- Clear Inati Bay and sail WNW (305) for 6 nm to Point Migley.
- Sail WSW (250) for 7 nm to Fossil Bay.

Montague Habour to Ganges, Salt Spring Island, 7.5 nm.

- Sail southward (145) to Phillimore Point to clear harbour.
- Sail S (185) for 2.5 nm to Scott Point.
- Sail WSW (250) for 1.5 nm to enter Ganges Harbour.
- Sail W (275) for 2 nm to marina.

Otter Bay to Sidney Spit, Sidney Island, 10nm.

- Sail SSW (200) for 1 nm and enter Swanson Channel.
- Sail S (180) for 4 nm down Swanson Channel into Moresby Passage.
- Sail SSE (160) for 5 nm to Sidney Spit.

SAILING DIRECTIONS (cont.)

Port Browning to Montague Harbour, Galiano Island, 12 nm.

- Sail E for 1.5 nm to clear Razor Point and enter Plumper Sound.
- Sail NW (310) for 3.0 nm to enter Navy Channel.
- Sail W by WSW (260) for 2 nm to enter Trincomali Channel.
- Sail W by WNW (300) for 4 nm to Phillimore Point and enter Montague Harbour.
- Sail northward (325) for 1.5 nm to marina.

Reid Harbor to Deer Harbor, Orcas Island, 11 nm.

- Clear harbor, 1 nm to east.
- Sail Eastward for 8 nm to clear Spieden Island to north or south, depending on currents, then sail ESE (105) to southern tip of Jones Island.
- Sail ENE (070) for 1 nm to enter Deer Harbor.
- Sail Northward for 1 nm to Deer Harbor Marina.

Reid Harbor to Fossil Bay, Sucia Island, 16 nm.

- Clear harbor, 1 nm to East.
- Sail Eastward for 3 nm to clear Spieden Island to south or north, depending on currents.
- Sail NNE (030) for 11 nm to enter Fossil Bay, Sucia Island. 1 nm to dock.

Reid Harbor to Roche Harbor, San Juan Island, 5 nm.

- Clear harbor, 1 nm.
- Sail SSE (160) for 3 nm to Roche Harbor Entrance.
- Enter Roche Harbor and sail 1 nm to docks on eastern side.

Roche Harbor to Friday Harbor, San Juan Island, 11 nm.

- Clear harbor to north, 1 nm, and turn to starboard.
- Sail around San Juan Island to Friday Harbor, 10 nm.

Roche Harbor to Reid Harbor, Stuart Island, 5 nm.

- Clear harbor to North, 1 nm.
- Sail NNW (340) 3 nm to Reid Harbor Entrance, Stuart Island, dock 1 nm to west.

Sidney Spit to Roche Harbor, San Juan Island, 9.5 nm.

- Sail Northward 1.5 nm to clear north tip of Sidney Spit.
- Sail E (090) 7 nm to Roche Harbor entrance on east side of Battleship and Henry Island).
- Turn Southward to enter Roche Harbor. Marina is 1 nm on east side of harbor.
- Go directly to Customs shack in middle of end dock.

GPS COORDINATES

(dd-mm-ss)

Not Verified

Annette Inlet, Prevost Island

48-49-30 N

123-23-12 W

Bellingham, Squalicum Harbor

48-45-09 N

122-29-50 W

Bedwell Harbour, S. Pender Island

48-44-47 N

123-13-48 W

Blakely Island Marina

48-35-09 N

122-48-58 W

Captain Passage WP

48-49-50 N

123-24-20 W

Carter Point, Lummi Isl. (S)

48-38-20 N

122-36-28 W

Deer Harbor Marina, Orcas Island

48-37-11 N

123-00-11 W

Doe Island Marine Park, Orcas Island

48-38-00 N

122-47-08 W

Fisherman Bay Entrance, Lopez Island

48-31-24 N

122-55-03 W

Fossil Bay, Sucia Island

48-44-50 N

122-53-42 W

GPS COORDINATES

(cont.)

Friday Harbor, San Juan Island

48-32-23 N 123-00-51 W

Ganges, Salt Spring Island

48-51-19 N 123-29-45 W

Inati Bay, Lummi Island

48-40-23 N 122-37-18 W

Jones Island (N)

48-37-14 N 123-02-45 W

Lopez Islander Bay Resort

48-30-50 N 122-54-56 W

Montague Harbour, Galiano Island

48-53-37 N 123-24-08 W

Olga, Orcas Island

48-37-04 N 122-50-09 W

Otter Bay, N. Pender Island

48-47-53 N 123-18-30 W

Peavine Pass, Blakely Island (N)

48-35-24 N 122-48-34 W

Phillimore Point, Galiano Island

48-52-20 N 123-23-37 W

Point Migley, Lummi Island (N)

48-45-00 N 122-42-54 W

GPS COORDINATES (cont.)

Port Browning, N. Pender Island

48-46-30 N

123-16-15 W

Reid Harbor, Stuart Island

48-40-31 N

123-12-02 W

Roche Harbor Entrance, San Juan Island

48-37-12 N

123-10-18 W

Rolfe Cove, Matia Island

48-44-57 N

122-50-35 W

Rosario Resort, Orcas Island

48-38-45 N

122-52-10 W

Scott Point, Salt Spring Island

48-50-20 N

123-25-10 W

Sidney Marina, Vancouver Island, B.C.

48-39-08 N

123-23-32 W

Sidney Spit, Sidney Island

48-38-35 N

123-20-15 W

Upright Head, Lopez Island (N)

48-34-30 N

122-53-00 W

Wallace Point, S. Pender Island

48-44-10 N

123-13-48 W

TIDES, SUN & MOON

Bedwell Harbour, British Columbia

1 Sept. 2010 - 19 Sept. 2010

(48-44-47 N, 123-13-48 W)

WED	2010-09-01 2010-09-01 2010-09-01 2010-09-01	04:50 PDT 06:29 PDT 13:15 PDT 15:13 PDT 16:47 PDT	2.76 feet Low Tide Sunrise 8.83 feet High Tide Moonset 8.58 feet Low Tide
	2010-09-01 2010-09-01 2010-09-01	19:54 PDT 21:29 PDT 23:21 PDT	Sunset 9.33 feet High Tide Moonrise
THUR	2010-09-02 2010-09-02 2010-09-02 2010-09-02 2010-09-02 2010-09-02 2010-09-02	06:31 PDT 14:54 PDT 16:10 PDT 19:02 PDT 19:52 PDT	2.39 feet Low Tide Sunrise 9.26 feet High Tide Moonset 8.87 feet Low Tide Sunset 9.25 feet High Tide
FRI	2010-09-03 2010-09-03 2010-09-03 2010-09-03 2010-09-03 2010-09-03 2010-09-03	06:32 PDT 06:53 PDT 15:44 PDT 16:58 PDT 19:50 PDT 20:24 PDT	Moonrise Sunrise 2.01 feet Low Tide 9.64 feet High Tide Moonset Sunset 8.74 feet Low Tide 9.13 feet High Tide
SAT	2010-09-04 2010-09-04 2010-09-04 2010-09-04 2010-09-04 2010-09-04	06:34 PDT 07:54 PDT 16:17 PDT 17:38 PDT 19:48 PDT	Moonrise Sunrise 1.68 feet Low Tide 9.88 feet High Tide Moonset Sunset 8.31 feet Low Tide

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SUN 2010-09-05 00:46 PDT 9.06 feet High Tide
     2010-09-05 02:54 PDT Moonrise
     2010-09-05 06:35 PDT Sunrise
     2010-09-05 08:50 PDT 1.51 feet Low Tide
     2010-09-05 16:44 PDT 10.01 feet High Tide
     2010-09-05 18:09 PDT Moonset
     2010-09-05 19:46 PDT Sunset
     2010-09-05 21:55 PDT 7.62 feet Low Tide
MON 2010-09-06 02:11 PDT 9.06 feet High Tide
     2010-09-06 04:19 PDT Moonrise
     2010-09-06 06:36 PDT Sunrise
     2010-09-06 09:40 PDT 1.63 feet Low Tide
     2010-09-06 17:08 PDT 10.06 feet High Tide
     2010-09-06 18:37 PDT Moonset
     2010-09-06 19:44 PDT Sunset
     2010-09-06 22:35 PDT 6.68 feet Low Tide
TUES 2010-09-07 03:30 PDT 9.13 feet High Tide
     2010-09-07 05:44 PDT Moonrise
     2010-09-07 06:38 PDT Sunrise
     2010-09-07 10:27 PDT 2.11 feet Low Tide
     2010-09-07 17:31 PDT 10.11 feet High Tide
     2010-09-07 19:00 PDT Moonset
     2010-09-07 19:42 PDT Sunset
     2010-09-07 23:15 PDT 5.58 feet Low Tide
WED 2010-09-08 03:30 PDT New Moon
     2010-09-08 04:44 PDT 9.21 feet High Tide
     2010-09-08 06:39 PDT Sunrise
     2010-09-08 07:10 PDT Moonrise
     2010-09-08 11:11 PDT 2.92 feet Low Tide
     2010-09-08 17:55 PDT 10.18 feet High Tide
     2010-09-08 19:23 PDT Moonset
     2010-09-08 19:40 PDT Sunset
     2010-09-08 23:58 PDT 4.45 feet Low Tide
THUR 2010-09-09 05:54 PDT 9.25 feet High Tide
     2010-09-09 06:41 PDT Sunrise
     2010-09-09 08:35 PDT Moonrise
     2010-09-09 11:55 PDT 3.99 feet Low Tide
     2010-09-09 18:20 PDT 10.27 feet High Tide
     2010-09-09 19:38 PDT Sunset
     2010-09-09 19:46 PDT Moonset
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2010-09-10 00:43 PDT 3.41 feet Low Tide
      2010-09-10 06:42 PDT Sunrise
      2010-09-10 07:03 PDT 9.25 feet High Tide
      2010-09-10 09:59 PDT Moonrise
      2010-09-10 12:39 PDT 5.18 feet Low Tide
      2010-09-10 18:45 PDT 10.34 feet High Tide
      2010-09-10 19:35 PDT Sunset
      2010-09-10 20:12 PDT Moonset
SAT 2010-09-11 01:31 PDT 2.60 feet Low Tide
      2010-09-11 06:44 PDT Sunrise
      2010-09-11 08:14 PDT 9.23 feet High Tide
      2010-09-11 11:22 PDT Moonrise
      2010-09-11 13:25 PDT 6.36 feet Low Tide
      2010-09-11 19:12 PDT 10.35 feet High Tide
      2010-09-11 19:33 PDT Sunset
      2010-09-11 20:42 PDT Moonset
SUN 2010-09-12 02:20 PDT 2.09 feet Low Tide
     2010-09-12 06:45 PDT Sunrise
     2010-09-12 09:30 PDT 9.20 feet High Tide
      2010-09-12 12:40 PDT Moonrise
      2010-09-12 14:15 PDT 7.41 feet Low Tide
      2010-09-12 19:31 PDT Sunset
      2010-09-12 19:40 PDT 10.24 feet High Tide
      2010-09-12 21:18 PDT Moonset
MON 2010-09-13 03:12 PDT 1.91 feet Low Tide
     2010-09-13 06:46 PDT Sunrise
     2010-09-13 10:58 PDT 9.25 feet High Tide
     2010-09-13 13:51 PDT Moonrise
     2010-09-13 15:16 PDT 8.24 feet Low Tide
      2010-09-13 19:29 PDT Sunset
      2010-09-13 20:10 PDT 10.01 feet High Tide
      2010-09-13 22:03 PDT Moonset
TUES 2010-09-14 04:08 PDT 2.00 feet Low Tide
      2010-09-14 06:48 PDT Sunrise
     2010-09-14 12:38 PDT 9.44 feet High Tide
     2010-09-14 14:52 PDT Moonrise
      2010-09-14 16:41 PDT 8.78 feet Low Tide
     2010-09-14 19:27 PDT Sunset
     2010-09-14 20:43 PDT 9.66 feet High Tide
     2010-09-14 22:55 PDT Moonset
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WED 2010-09-15 05:10 PDT 2.26 feet Low Tide
      2010-09-15 06:49 PDT Sunrise
      2010-09-15 14:06 PDT 9.70 feet High Tide
      2010-09-15 15:42 PDT Moonrise
      2010-09-15 18:28 PDT 8.89 feet Low Tide
      2010-09-15 19:25 PDT Sunset
      2010-09-15 21:21 PDT 9.21 feet High Tide
      2010-09-15 23:55 PDT Moonset
THUR 2010-09-16 06:16 PDT 2.56 feet Low Tide
      2010-09-16 06:51 PDT Sunrise
      2010-09-16 15:07 PDT 9.90 feet High Tide
      2010-09-16 16:21 PDT Moonrise
      2010-09-16 19:23 PDT Sunset
      2010-09-16 20:05 PDT 8.59 feet Low Tide
      2010-09-16 22:20 PDT 8.73 feet High Tide
FRI
     2010-09-17 00:59 PDT Moonset
     2010-09-17 06:52 PDT Sunrise
      2010-09-17 07:22 PDT 2.82 feet Low Tide
      2010-09-17 15:50 PDT 9.96 feet High Tide
      2010-09-17 16:52 PDT Moonrise
      2010-09-17 19:21 PDT Sunset
      2010-09-17 21:08 PDT 8.08 feet Low Tide
     2010-09-17 23:56 PDT 8.34 feet High Tide
SAT 2010-09-18 02:06 PDT Moonset
     2010-09-18 06:53 PDT Sunrise
      2010-09-18 08:22 PDT 3.04 feet Low Tide
      2010-09-18 16:23 PDT 9.89 feet High Tide
      2010-09-18 17:17 PDT Moonrise
      2010-09-18 19:19 PDT Sunset
     2010-09-18 21:47 PDT 7.49 feet Low Tide
SUN 2010-09-19 01:33 PDT 8.16 feet High Tide
     2010-09-19 03:12 PDT Moonset
     2010-09-19 06:55 PDT Sunrise
     2010-09-19 09:13 PDT 3.29 feet Low Tide
      2010-09-19 16:47 PDT 9.72 feet High Tide
     2010-09-19 17:38 PDT Moonrise
      2010-09-19 19:16 PDT Sunset
     2010-09-19 22:17 PDT 6.85 feet Low Tide
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