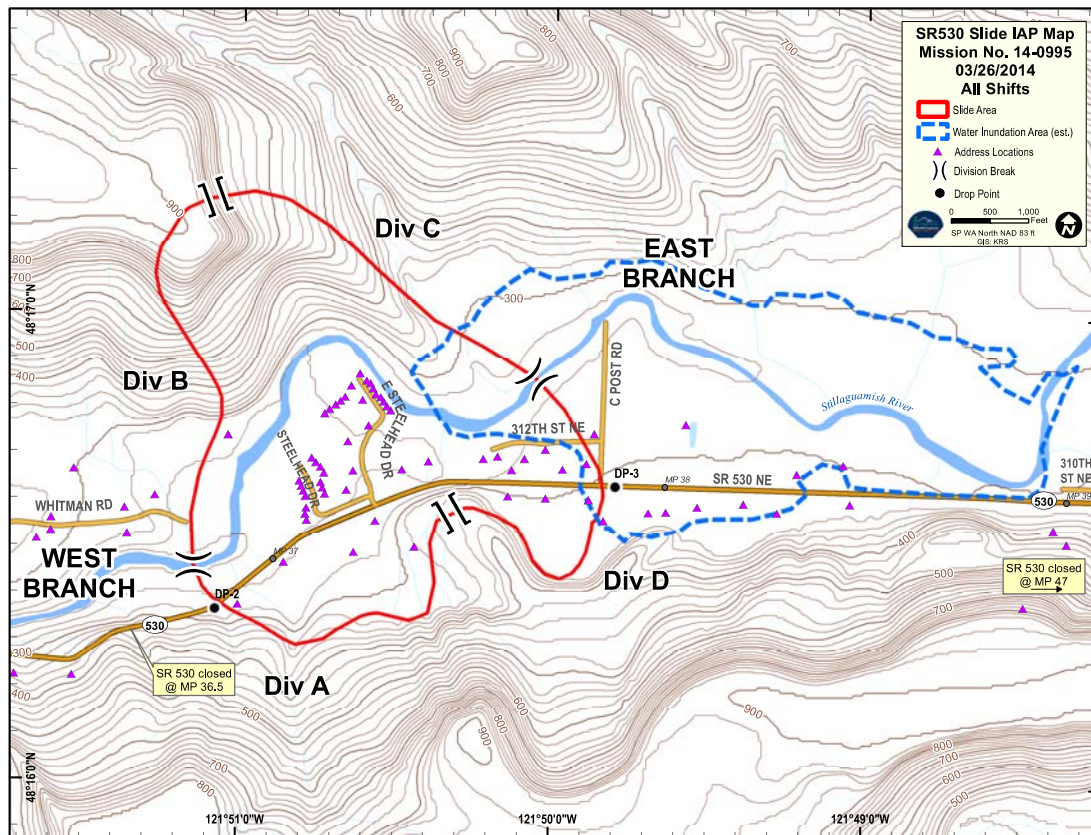


## THINK ABOUT IT

BY BILL CARTER

W7WEC



Think about it.

This map is from the Oso Slide. Now substitute the 101 and the Sol Duc River. The Hoh River, or maybe SR 112. Or earthquake or .... You get the idea.

We hopefully won't have one this big. It's probable that we will get one or something similar. This isn't a plea to join ARES.

This is a plea to be personally prepared. Have that stock of personal meds. Have that stock of food. Have that stock of water or water purification. The list goes on and there are dozen of sources of lists of items to have on hand.

73, Bill Carter, W7WEC

**Propagation Forecast Bulletin 23 ARLP023**  
**From Tad Cook, K7RA Seattle, WA**  
**June 6, 2014 To all radio amateurs**

SB PROP ARL ARLP023  
ARLP023 Propagation de K7RA

Boy, has solar activity declined this week, and the near term outlook weakened as well.

Average daily sunspot numbers for May 29 through June 4 dropped from 103.3 (for the previous seven days) to just 60.1. Average daily solar flux declined from 110.3 to 104.1. Last week the predicted solar flux for Field Day weekend was 108 and 110, and on June 2 that changed to 95 and 110.

Predicted solar flux for the near term is 110 on June 6-7, 115 on June 8-11, 110 on June 12-13, 120 on June 14-15, 115 on June 16-17, 110 on June 18-20, 105 on June 21-23, then dipping below 100 to 95 on June 26-28, then peaking at 120 on July 6-12.

Predicted planetary A index 8, 10 and 8 on June 6-8, 5 on June 9-17, 8 on June 18-19, 5 on June 20-24, 8 on June 25-26, 5 on June 27, 8 on June 28, 5 on June 29, and 8 June 30.

OK1HH predicts geomagnetic conditions will be quiet to active June 6, quiet to unsettled June 7-8, mostly quiet June 9-10, quiet to unsettled June 11, quiet on June 12, mostly quiet June 13, quiet June 14-17, quiet to active June 18-19, quiet on June 20-24, mostly quiet June 25-26, quiet June 27, quiet to unsettled June 28-29, and quiet to active June 30.

Randy Crews, W7TJ, has been thinking about where we are in this sunspot cycle, and what we might see in the near future.

He wrote, "It is now common knowledge that Cycle 24 is the lowest cycle in 100 years, and also being one of the slowest starts of any cycle in our radio lifetime. (Historically - with no exceptions—cycles that begin slowly are very low in peaks; the opposite of cycles that get off to a fast start.) Of the double peaked cycles (Cycle 22 and Cycle 23) this is the first cycle where the second peak has been higher than the first. November 2011 SF=153, February 2014 SF=170.

"The second peak has also afforded us a higher extended

elevated solar flux, averaging 150 for the six months from November 2013 through April 2014. Quite a performance to say the least, and finally igniting 10 and 12 meters.

"However, prior to making plans to put up 10 and 12 meter stacked Yagis, we all need to be aware we are probably past the peak of Cycle 24 because we are approximately 70 months into this cycle from the low of the lows set in August of 2008. (The official low is booked as December 2008, however whatever date is used, it is late in this cycle.)

"What is really behind the recent surge we had last spring and winter is not only the great combination of consistent monthly sunspots, but most importantly - the size and magnetic complexity was the largest of this cycle and mirrored many of the 200+ Solar Flux days we saw in Cycle 23 and 22.

"This trend is now on the decline, and aligning with Penn and Livingston's studies and measurements citing a steady decline in magnetic strength and complexity of sunspots since 1995. (We basically experienced a pause in a downtrend.) Livingston projects a continuation of the trend will result in virtually no sunspots by 2016, and Cycle 25 being even lower than Cycle 24.

"NASA says we may be heading into a mini Maunder Minimum. Putting all this together, we will be hard pressed to see good 10 and 12 meter DX propagation going forward. 15, 17 and 20 meters will most likely be the workhorse high-bands."

May is done, so let's look at our 3-month moving average of sunspot numbers. Centered on October 2013 through April 2014, the average daily sunspot number was 102.9, 123.7, 123.3, 138.5, 146.4, 148.2 and 129.6. This is just a simple arithmetic average for three months of activity. As we complete a new month and add that data in, an old month falls off.

**FOR SALE!**

**Butternut Antenna**  
**Model HF-9V** Height 26 ft  
**Power Rating 2kW PEP 75/80, 40,**  
**20, 15, 10 meters; 800 W PEP 17,**  
**12 meters 500 W PEP 30, 6 meters**

**Unguyed Wind Survival 80 mph**

**Price \$ 250.00**

**Contact Richard Edes**

**WA6CUE@olypen.com**

Feedback, Comments or Article  
 submissions are appreciated to

**CCARCQTC@Yahoo.com**

**Thank you for your  
 Contributions, Ed**



**Find a wealth of  
 information and  
 links on the club  
 website:  
[OlyHam.net](http://www.OlyHam.net)**

**Thanks to Website Administrator Rik, W7RIK!**

**CLALLAM COUNTY AMATEUR  
 RADIO CLUB REPORTS**

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**FROM OUR TREASURER:**

As of May 31, 2014

|                           |                    |
|---------------------------|--------------------|
| Balance:                  | \$8,002.23         |
| Outstanding Checks:       | \$2,176.93         |
| <b>Checkbook Balance:</b> | <b>\$10,179.16</b> |

Thanks,

*Ernie Griffith*  
 W7EWG  
 CCARC Treasurer

~~~~~

**Around Again in Sequim  
 called to offer a HUGE bundle of co-  
 ax to anyone in the club who's  
 interested.**

**22 Gilbert Rd, right off of HWY 101,  
 just east of Carlsborg Rd**

**CLUB OFFICERS For 2014**

**President:** *Mike Rice, KD0NND*

**Vice President:** *Becky Winters, W7RJW*

**Secretary:** *Chuck Jones, N7BV*

**Treasurer:** *Ernie Griffith, W7EWG*

**Board Member :** *Bill McPhearson, W6JEQ*

**Board Member:** *Dennis Tilton, AD7TV*

**Board Member:** *George Hutchinson, W7TTY*

**CLALLAM COUNTY AMATEUR RADIO CLUB**

**BOARD MEETING**

Wednesday, May 14, 2014

Repeater upgrades and status were discussed. Links for the repeater will be made after the upgrade.

Bill Carter made a suggestion to present a program by individuals associated with the OSO landslide. The joint (ARES and CCARC) presentation would be made with considerations to invite the public. Use of the Hospital meeting room was considered.

Ernie briefed us on his conversation with DNR regarding the renewal of W7FEL site location.

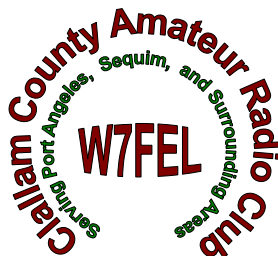
Dennis brought up Club shirts for club members. Dennis will check into this and organize for ordering.

As there were no takers on the SWAN HF amp, Ernie threw his hat in the ring for borrowing it.

The problem with staffing the Fireworks stand was discussed with the end result is the hope more of the membership will volunteer this year.

Respectfully submitted,

Chuck Jones N7BV  
Club Secretary



**YL LUNCHEON**  
**June 13**  
**Black Bear Diner**  
**Sequim**  
**Time: 11:30 a.m.**

**Find us on the web at**  
**www.olyham.com**  
**Check it out. Lots of**  
**information about ham radio**  
**in Clallam County!**

### **2014 YL Luncheons:**

Reservations 11:30 2nd Friday of each month  
 June—Black Bear Diner—1471 E. Washington Sequim  
 July—Gordy's Pizza & Pasta—1123 E. First PA  
 August—Mariners Café 609 W. Washington Sequim  
 September—Asian Buffett (Rite Aid Plaza) PA  
 October—Paradise—703 N. Sequim Ave Sequim  
 November—Chestnut Cottage—929 E. Front PA  
 December - Cedars at Dungeness 1965 Woodcock. - Sequim

Description	Time/Date	Location	Contact
Clallam County ARES/RACES meeting	7 pm, first Tue of every month	Clallam County Courthouse EOC, 223 E. 4 <sup>th</sup> St., PA	Bill Carter, W7WEC 360-681-4375
Clallam County Amateur Radio Club general meeting	7 pm, second Wed of every month	Port Angeles Fire Station 5 <sup>th</sup> & Laurel Streets	Chuck Jones, N7BV 360-452-4672
Clallam County Amateur Radio Club social breakfast	8 am, first Sat of every month	Joshua's Restaurant Hwy. 101 & Del Guzzi Drive	Chuck Jones, N7BV 360-452-4672
CCARC Board Meeting	As Announced	Smugglers Landing 115 E. Railroad Ave	Dennis Tilton AD7TV
Clallam Country Amateur Radio Club YL social lunch	11:30 am 2nd Fri of every month	See Above Schedule	Chuck Jones, N7BV 360-452-4672

## **HAPPY BIRTHDAY!**

Bob Pensworth	WA7BOB	June 14	Chuck McGilvra	N7HFL	June 14
Richard Edes	WA6CUE	June 16	George Hutchison	W7TTY	June 16
Chuck Jones	N7BV	June 17	Bill McPherson	W6JEQ	June 18
Jack Hubley	K7JBH	June 25	Nita Lyman	KE7DRT	July 03
Gerald Sampont	WA7BUY	July 03	George Llewellyn	KF7JQS	July 04
	Robert Wilson	AL7KK		July 04	

## **HAPPY BIRTHDAY!**

**CLALLAM COUNTY AMATEUR RADIO CLUB**

**GENERAL MEMBERSHIP MEETING**

Wednesday, May 14, 2014

1904 Meeting call to order my Mike Rice, president. Pledge of allegiance was honored, then introductions all around.

General minutes for January 2014 approved

Review on the Board meeting.

1910 Program by Gerry WA7BUY – USCG in Vietnam

2016 Coffee Break Nita ran the raffle.

2028 Meeting called to order again.

Officer and Committee Reports

2029 Dennis gave a rundown on getting shirts made locally. Will finalize at the next meeting.

2030 Dennis gave a briefing on joining the USCG MARS operations.

2048 A short description of a rack for the repeater upgrade was made.

2103 Meeting adjourned.

Respectfully submitted;

Chuck Jones N7BV  
CCARC Secretary

