8:59:51 PM> Main

This is W1AW in Newington, CT.
An official bulletin transmission
ollows using PSK31 in BPSK mode,
followed immediately by 45.45 Baud Baudot.
This is W1AW
ARLXØØ7 and ARLPØ25 follow
ARLXØØ7 and ARLPØ25 follow
ZCZC AXØ7
QST de W1AW
Special Bulletin 7 ARLXØØ7
From ARRL Headquarters
Newington CT June 23, 2Ø17
To all radio amateurs
SB SPCL ARL ARLXØØ7
ARLXØØ7 2Ø17 W1AW Field Day Bulletin
Get ready, get set, ARRL Field Day 2Ø17 is ready for launch.
What is Field Day? Each year thousands of Radio Amateurs and visitors participate in this communications exercise. Contacts are made both locally and nationally across North America, as well as internationally, and even out to Space and back. Whether participants are new or seasoned radio hobbyists, this event offers something for everyone.
Here are some basic steps for setting up your Field Day station for maximum fun.
1. Begin a plan with others or within your club.
2. Coordinate your site access.
3. Speak with served agencies or local officials to encourage public interest.
4. Publicize your plans, listing your event information via the ARRL web site Locator page and elsewhere.
5. Prepare for site set up and review safety information.
6. Arrive at site and begin set up.
7. Inspect power source, antennas and equipment for proper connections and grounding.
8. Synchronize your clocks.
9. Get your logging tools, pencils and operating plans ready to start.
1Ø. Get on the air and have fun.
Remember, there are several bonus point categories available - how many will you earn?
The deadline for submissions for this year is Tuesday July 25. Be sure to use the http://www.b4h.net/cabforms web tool to submit your summary information to ARRL.
May all the steps you take prepare you for an exciting and safe Field Day. 73.
NNNN

ZCZC AP25
QST de W1AW
Propagation Forecast Bulletin 25 ARLPØ25
From Tad Cook, K7RA
Seattle, WA June 23, 2Ø17
To all radio amateurs
SB PROP ARL ARLPØ25
ARLPØ25 Propagation de K7RA
Average daily sunspot numbers rose this reporting week (June 15-21)

from 4.9 to 29.4. The previous week had four days with no sunspots, and this week there were no zero sunspot days, hence the dramatic increase in the average.
Average daily solar flux barely budged from 7yU4 to 74.6
Average daily planetary A index went from 7.3 to 9.4, and mid-latitude A index from 6.9 to 8.1.
Predicted solar flux is 75 on June 23-28, 74 on June 29 through J-ly 4, 75 on July 5-7, 77 on July 8-9, 74 on July 1Ø-14, 75 on July 15-17, then 74, 72 and 74 on July 18-2Ø, 7Ø on July 21-23, 74 on July 24-31, 75 on August 1-3 and 77 on August 4-5.
Predicted planetary A index es 12 on Jun 23-24, then 1Ø and 8 on June 25-26, 5 on June 27 through July 12, then 2Ø and 12 on July 13-14, 1Ø on July 15-16, 5 on July 17-18, 8 on July 19, 12 on July 2Ø-21, then 1Ø and 8 on July 22-23, then 5 on July 24 through August 6.
Geomagnetic activity forecast for the period June 23-July 18, 2Ø17 from F.K. Janda, OK1HH.
"Geomagnetic field will be:
Quiet on June 27, July 4-5
Mostly quiet on June 28-29, July 1, 3, 7, 17
Quiet to unsettled June 26, July 2, 6, 12, 18
Quiet to active on June 25, 3Ø, July 9-11, 15
Active to disturbed on June (23-24,) July (8,) 13-14, 16
"Amplifications of the solar wind from coronal holes are expected on June (26-27), July (8,) 9-17, (18).
"Remark: - Parenthesis means lower probability of activity enhancement and/or lower reliability of prediction.
"F. K. Janda, OK1HH"
This weekend is ARRL Field Day. Conditions should be good. Earlier forecasts had the planetary A index this weekend at 5, but currently for Saturday and Sunday it is 12 and 1Ø, which is certainly workable. Predicted solar flux is 75 for both days, better than recent predictions for June 24-25.
Interesting article about sunspots, and how they are observed:
http://bit.ly/2stLczn
Dr. Tamitha Skov mentions Field Day:
http://bit.ly/2sIwh2L
Another solar article:
http://bit.ly/2tVrlXt
If you would like to make a comment or have a tip for our readers, email the author at k7ra@arrl.net.
For more information concerning radio propagation, see the ARRL Technical Information Service web page at, http://arrl.org/propagation-of-rf-signals. For an explanation of numbers used in this bulletin, see http://arrl.org/the-sun-the-earth-the-ionosphere.
An archive of past propagation bulletins is at http://arrl.org/w1aw-bulletins-archive-propagation. More good information and tutorials on propagation are at http://k9la.us/. Monthly propagation charts between four USA regions and twelve overseas locations are at http://arrl.org/propagation.
Instructions for starting or ending email distribution of ARRL bulletins are at http://arrl.org/bulletins.
Sunspot numbers for June 15 through 21, 2Ø17 were 28, 28, 28, 27, 26, 34, and 35, with a mean of 29.4. 1Ø.7 cm flux was 77.4, 73.5, 74.8, 74.9, 73.6, 74.4, and 73.7, with a mean of 74.6. Estimated planetary A indices were 4, 25, 15, 1Ø, 5, 3, and 4, with a mean of

9.4. Estimated mid-latitude A indices were 5, 18, 12, 9, 7, 3, and 3, with a mean of 8.1.
NNNN