

MOUNTAIN SPARK GAPS

NPARC—The Radio Club for the
Watchung Mountain Area



Website: <http://www.nparc.org>
Club Calls: N2XJ, W2FMI

VOLUME 47 NO. 02 February 2012

UPCOMING EVENTS

Regular Meetings

Mon. Mar. 12 & 26, 2012 7:30 PM
Salt Brook School

Be Here Before You Know It

New Providence Memorial Day
Parade May 29

2012 ARRL Field Day
June 23—24

New Jersey QSO Party
July 28 & 29
See www.njqp.hamshack.info

Meeting Schedule

Regular Meeting: 7:30—10:30 PM
2nd Monday of each month at the
Salt Brook School Cafeteria
Springfield Ave. and Maple St.
New Providence

Informal Project Meeting: 7:30—9:00 PM
4th Monday of each month at the
Salt Brook School Cafeteria
Springfield Ave. and Maple St.
New Providence

Everyone is Welcome

If a normal meeting night is a holiday,
we usually meet the following night.
Call the contacts below.
When Schools are closed,
Meetings are held in the Recreation
Department Meeting Room in Borough Hall

Club Officers for 2012

President: N2KDK Paul Campano
908-508-9595
Vice Pres.: K2MUN David Berkley
908-500-9740
Secretary: K2JV Barry Cohen
908-464-1730
Treasurer: K2YG Dave Barr
908-277-4283
Activities: K2JV Acting

On the Air Activities

Club Operating Frequency
145.750 MHz FM Simplex

Sunday Night Phone Net
Murray Hill Repeater (W2LI) at 9:00 PM
Transmit on 147.855 MHz
With PL tone of 141.3 Hz
Receive on 147.255 MHz
Net Control K2AL

Club Internet Address

Website: <http://www.nparc.org>
Webmaster K2MUN David Berkley
Reflector: nparc@mailman.qth.net
Contact K2UI, Jim

MOUNTAIN SPARK GAPS

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WB2QOO Rick Anderson
WB2EDO Jim Brown

Climatological Data for New Providence for
January 2012

The following information is provided by
Rick, WB2QOO, who has been recording
daily weather events at his station for the
past 29 years.

TEMPERATURE -

Maximum temperature this January, 59 deg. F
(January 7)

Last January (2011) maximum was 50 deg.
F.

Average Maximum temperature this January,
42.9 deg. F

Minimum temperature for this January, +9
deg. F (January 4)

Last January (2011) minimum was 0 deg. F.

Average Minimum temperature this January,
26.0 deg. F

Minimum diurnal temperature range, 7 deg.
(27 - 20 deg.) 1/21; (39 - 32) 1/26.

Maximum diurnal temperature range, 34 deg.
(45 - 11 deg.) 1/3.

Average temperature this January, 34.5 deg.
F

Average temperature last January, 26.4 deg.
F

Number of days this January with daily maxi-
mum temperatures of

50 deg. or higher - 7; last January - 1.

Number of days this January with daily
minimum temperatures of

32 deg. or higher - 10; last January - 2.

PRECIPITATION -

Total precipitation this January - 2.99"
rain/melted snow; 2.75" snow.

Total precipitation last January - 2.70"
rain/melted snow; 30.7" snow.

Maximum one day precip. event this January;
January 21; 2.75" snow.

Measurable rain fell on 9 days this January,
2 days last January.

Measurable snow fell on 1 day this January,
11 days last January.

=====
Rick Anderson 2/16/12
243 Mountain Ave.
New Providence, NJ
(908) 464-8911
rick243@comcast.net

Lat = 40 degrees, 41.7 minutes North

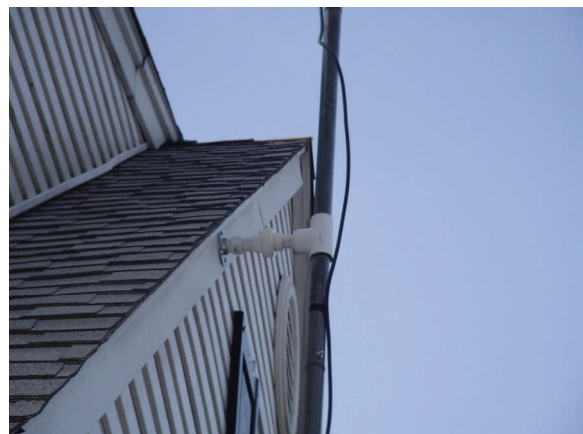
Long = 74 degrees, 23.4 minutes West

Elevation: 380 ft.

AN ALTERNATIVE ANTENNA SUPPORT

K2AL needed an inexpensive support for his rotatable multi-band dipole.

Using the military surplus fiberglass poles available at most hamfests, he came up with the installation shown.



SCIENTIFIC TIDBITS

KEY TO AGING:

University of California and British researchers have found that elevated amounts of HSP10, a protean whose levels rise when a person is under stress, appear to curb the aging of muscles. High levels of HSP10 help muscle cells resist damage and recover more quickly. The loss of muscle mass is a major factor in aging. People typically lose 25% - 30% of their muscle mass by age 70, contributing to falls that further debilitate them. Researchers are seeking ways to artificially boost HSP10 protean levels.

We applaud their efforts and wish them every success.

WITH A BLINK OF AN EYE:

A new eye-tracking system allows smart-phone users to operate the phone with eye movement. The iris recognition algorithm developed by Dartmouth University researchers allows users to activate applications simply by blinking. The system call EyePhone divides the camera frame into nine regions, and users need to move the phone to a position where the icon is directly in front of one eye. The system is 76% accurate in daylight. This program runs on the Nokia 810 smartphone.

I wonder how many car accidents this system will cause as all the driving cell phone junkies endeavor to work this system while driving their cars?

AID TO THE HANDICAPPED:

A sensor in handicap parking spots can alert parking attendants when a non-handicapped driver parks in a restricted spot. The system by Car Parking Technologies alerts an attendant when a car without a handicap sensor tag enters a handicap spot. Now, if they can only expand the system to alert the police, we would make real progress in the fight against these inconsiderate people.

Jim WB2EDO



This little beauty belongs to James, KB2FCV. It was crystal controlled on 2 meters and was AM only.

The Summit Red Cross chapter had one of these in the mid 1950s and I was able to borrow it and keep it at home as long as I checked into a county net once a week. The antenna was a ground plain on the metal roof above my bedroom. The other Red Cross 2 meter rig was a converted military surplus SCR522.

K2EZR