

## **CoCoRaHS (Community Collaborative Rain, Hail and Snow Network)**

Community volunteers are part of a national network of home-based weather buffs who take daily rain and snow measurements from a set location (usually their back yard). CoCoRaHS was launched in Colorado in 1998 and there are now over 20,000 volunteer observers in 50 states nationwide. These measurements are reported daily on the CoCoRaHS website [www.cocorahs.org](http://www.cocorahs.org) by the observer to be used by meteorologists, hydrologists, emergency managers, city utilities (water supply, water conservation, storm water), insurance adjusters, USDA, engineers, mosquito control, ranchers and farmers, outdoor & recreation interests, teachers, students, and neighbors in the community.

The New Jersey Network coordinated by the State Climatologist, David Robinson and co-ordinator Mat Gerbush (Rutgers University) was started in 2008. There are 127 volunteer sites in New Jersey; 13 in Hunterdon County; 1 in Kingwood (on Rt 519). The CoCoRaHS website also allows observers to report hail and intense precipitation events, observations that are immediately relayed to the National Weather Service for use in the issuance of warnings.

Gail Ashley, a member of the Kingwood Township Environmental Commission has collected data (as part of the CoCoRaHS Network) in her yard since 2010. Photos show the rain station and a close up of the rain gauge.

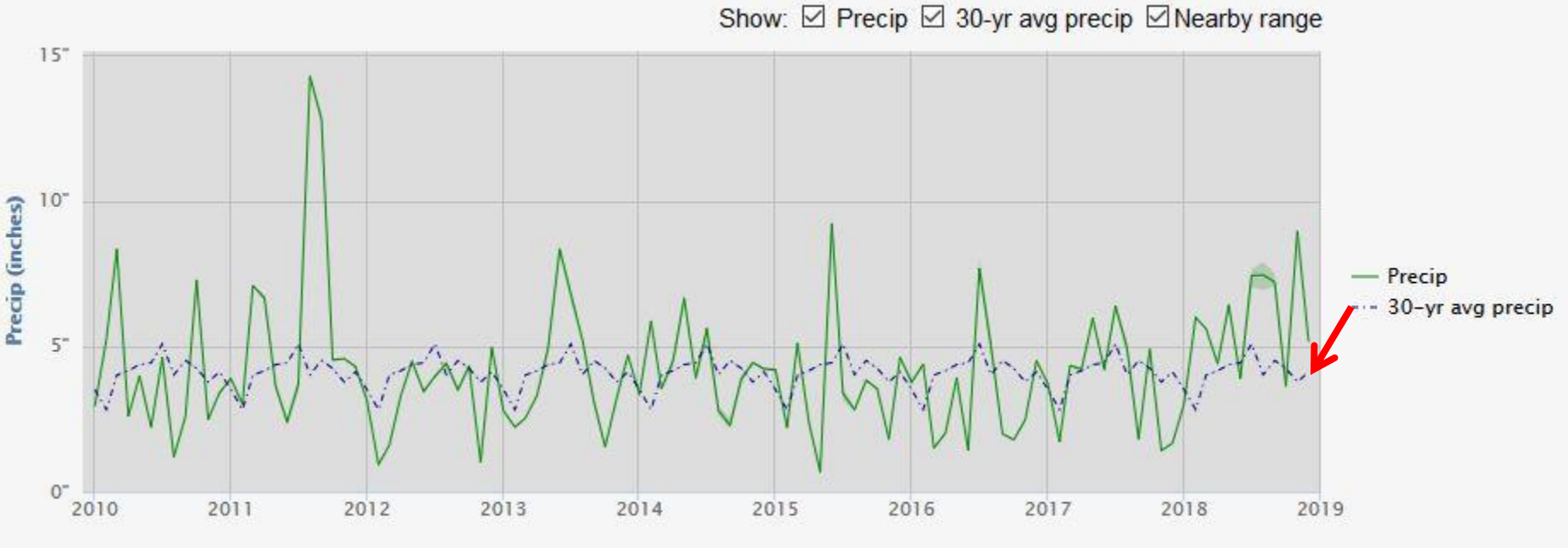
A plot of monthly rainfall totals in Kingwood for the last 9 years is shown compared to the 30 year average rainfall (49"/year). 2018 was a very wet year with 66" recorded.



# Kingwood Township Precipitation

*monthly totals based on daily measurements*

inches



30 year annual average precip = 49"/year

2018 = 66"/year

G.M. Ashley