precipiSTATION

Welcome! Let's Get Started!
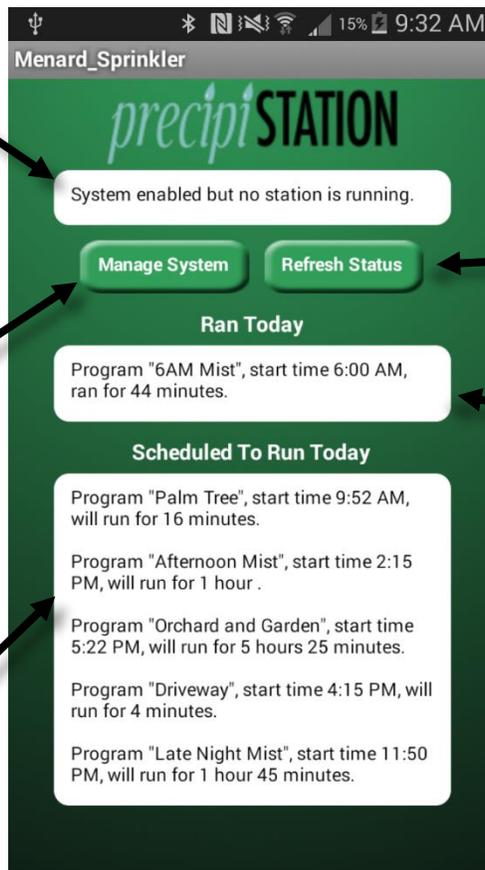
1. On the main screen, hit the Manage System button **Manage System**

2. On manage system screen, hit **Set Up Station Names** then enter descriptive text names for each group of sprinklers (called stations). Then upload the names to precipiSTATION **Upload**

3. Enter a sprinkler program by hitting **Set Up and Manage Programs** Select "Create a New Program" and then enter a name for the program you are about to create. On the following screen, enter the start time by touching the button in the upper left. Click the boxes for days to run. Enter the number of minutes you want each station to run.

4. Click **Upload** and you have set up your first program!

5. To set up additional programs, do step 2 again.

6. If you would like to run an already created program just once, right now, or schedule it for later today, hit **Run Program Once >**

7. If you would like to run a single station once, for a specific amount of time, right now, or schedule it for later today, hit **Run Station Once >**

8. You can turn the sprinkler system off and on by hitting **Turn Sprinkler System Off?**

9. You can test your sprinkler system by hitting **Run Sprinkler System Test** and the system will sequentially turn on each station for 1 minute.

10. If you enable Twitter reporting, you can get Tweets reflecting start and end of programs, and stations **Enable Twitter?**

11. Hit **Return To Status Screen** of the "Manage System" screen to return to the main Status Screen

12. Hit **Refresh Status** to get the latest status. (To keep data transfers low, and preserve phone battery life, the app does not constantly ping the sprinkler for status information.

Main Screen

Program status summary

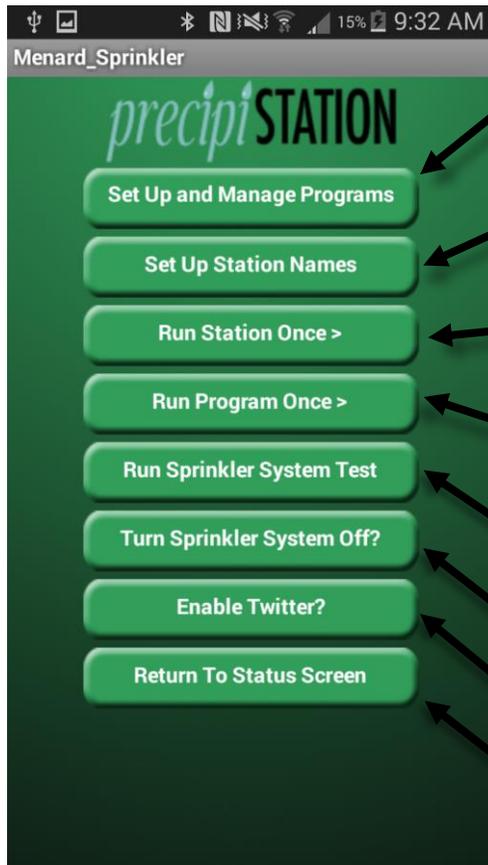Change to "Manage System" screen where you setup programs, station names, turn system on/off, etc.

Summary of programs or stations remaining to be run today

Menard_Sprinkler

precipiSTATION

System enabled but no station is running.

Manage System **Refresh Status**

Fetch latest status from precipiSTATION

Ran Today

Program "6AM Mist", start time 6:00 AM, ran for 44 minutes.

Summary of programs and stations that have already run today

Scheduled To Run Today

Program "Palm Tree", start time 9:52 AM, will run for 16 minutes.

Program "Afternoon Mist", start time 2:15 PM, will run for 1 hour .

Program "Orchard and Garden", start time 5:22 PM, will run for 5 hours 25 minutes.

Program "Driveway", start time 4:15 PM, will run for 4 minutes.

Program "Late Night Mist", start time 11:50 PM, will run for 1 hour 45 minutes.

Manage System Screen

Menard_Sprinkler

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Set Up and Manage Programs

This is where you set up programs to run specific sprinkler groups (called stations) for specific times on specific days

Set Up Station Names

This is where you set descriptive names for stations (e.g. Side Yard, Back Yard, Front Shrubs, By Driveway, etc.)

Run Station Once >

Run a specific station, once, today only at a specific time, for a custom length of time

Run Program Once >

Run a specific, already entered program, once, at a specific time (e.g. run immediately , or schedule for later today)

Run Sprinkler System Test

Run a sprinkler station test now (turns on each station for 1 minute)

Turn Sprinkler System Off?

Turn sprinkler system off or on

Enable Twitter?

Enable Twitter feed if desired

Return To Status Screen

Return to main Status Screen

Set Up Programs Screen

Start time for the program

Change the program name

Delete this program

Toggle between specific weekdays (SMTWTFS) or choose odd, even, or skip days

Toggle To SMTWTFS
Toggle to Skip Days

Station numbers, and names. (Names are entered separately in the name station screen)

Program name

Done entering data. Upload data to precipiSTATION

Cancel data entry, return to main screen

Check which days the program should run – use weekdays, odd/even, or every 2nd, 3rd, 4th, 5th, or 6th day

Enter number of minutes each station is to run. To skip a station, enter 0 or leave blank

Screen2

Orchard and Garden

| 5:22 PM | Edit Name | Upload |
| Delete | Toggle to Skip Days | Cancel |

✓ Sun   ✓ Mon   ✓ Tue   ✓ Wed
✓ Thu   ✓ Fri   ✓ Sat

Station	Minutes
S1: Palm Tree	100
S2: Palm Ring	5
S3: Under Front Deck	50
S4: Fireplace Bed	10
S5: Driveway Around Palm	5
S6: Back Garden	30
S7: Back Yard	45
S8: Back Plants	0
S9: Driveway Right Side	0
S10: Driveway Left Side	30

Set Station Names Screen

Cancel data entry, return to manage system screen

Done entering the station names, upload to precipiSTATION

Enter a name for each group of sprinklers (called stations). If you are not using all stations, we suggest you label unused ones …. Unused.

Station_Name_Entry

| Cancel | Upload |

Station 1:	Palm Tree
Station 2:	Palm Ring
Station 3:	Under Front Deck
Station 4:	Fireplace Bed
Station 5:	Driveway Around Palm
Station 6:	Back Garden
Station 7:	Back Yard
Station 8:	Back Plants
Station 9:	Driveway Right Side
Station 10:	Driveway Left Side
Station 11:	Studio Front and Side

Frequently Asked Questions

The app does now connect to the sprinkler – I keep getting "Internet Error" notification ?
Apologies for the obvious, but make sure the Sprinkler is on, your Wi-Fi is running, and the Android phone can connect to the internet. Another solution is the frequent unplug precipiSTATION for 10 seconds, and plug it in again.

If this persists, ask your local DIY'er who installed the system to verify that internet communication keys are up to date, or do other troubleshooting.

If I already scheduled a station or program to run, how do I cancel that?
Turn the Sprinkler system Off and back On. All temporarily scheduled programs or stations will be cleared.

How do I turn off a Sprinkler Test before completion ?
Turn the Sprinkler System Off and then On. The Test will be terminated.

Why can't I use commas in my program and station names ?
Commas are used by the precipiSTATION app in formatting data exchanges between your phone and your precipiSTATION unit.

Why can't I schedule more than a single "Run Station Now" or single "Run Program Once" ?
This version of the system is only capable of keeping track of one at a time. For multiple stations, you could create a custom program, run it once, and then delete it after running

Can I run multiple programs at the same time ?
Yes. As long as the programs do not run the same station at the same time (that will yield unpredictable results). You can run up to 3 programs at a time – a limit defined by the transformer powering the system. You should also verify your water pressure is sufficient to drive 3 stations at once.

How does the Twitter feed get set up
By the local DIY'er who installed the system.

Why does the Android app need to be updated every 3 months ?
The security keys/tokens are updated on that schedule to keep your precipiSTATION secure.

Why does it take up to a minute for a station, program or sprinkler test to start ?
To make sure that if the phone's time is slightly different from the precipiSTATION's time, the asynchrony does not create a problem.

Can I run multiple precipiSTATIONs ?
Not yet but you will be able to in the future when new a software version is released?

I only have 10 stations? Can the app/system be reconfigured for only 10 stations?
Yes, but right now that would have to be done by local DIY'er who installed system