Manage Your Pumps From Anywhere

Observant Pump Management Solution

STATUS
Running

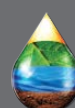LAST START TIME
10 Nov 2020

RUN TIME
5.0 hr

Observant's Pump Management Solution allows you to:

Receive alerts for any pump faults or warnings

Verify that your pump is running as scheduled

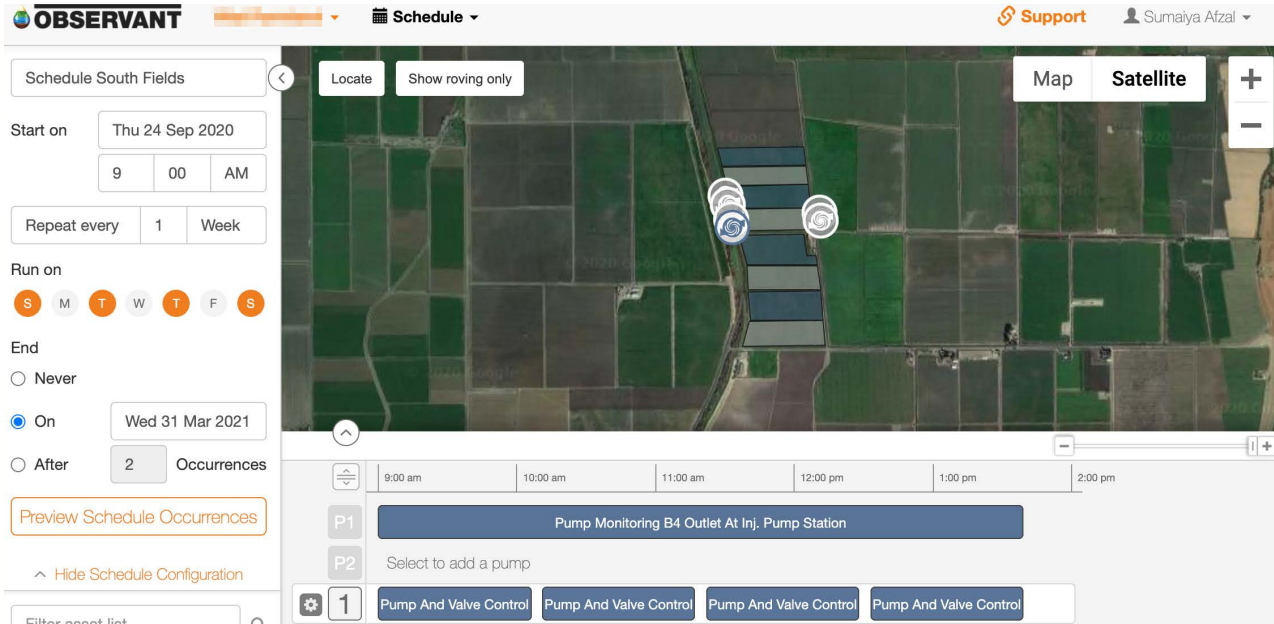Remotely start and stop pumps, with the option to automate them

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Pump Management Solution

Monitor and Control your Pump from anywhere

The Observant Pump Management solution allows users to both monitor the status of their pump systems as well as start and stop them remotely. Remote monitoring and control reduces labor, improves maintenance and enhances your ability to react to changing conditions.

Pump Control in the Observant Global's Irrigation Scheduling Application

1 Receive **voice, text and email alerts** on changes to pump running parameters.

2 Monitor the state of your pump and its run times. For diesel engines you can **also view the RPM** and any service requirements.

3 Use our **Scheduling Application** to set your pumps to start and stop at specific times.

4 Schedule your irrigation events to **repeat on a daily or weekly basis** to meet your irrigation needs.

5 **Automate the filling of your tanks**, dams, or reservoirs by pairing this solution with our Water Level Monitoring Solution

6 Connect to your pump anywhere within **Telstra's LTE-M IoT Network**, or alternatively use UHF/900MHz Radio.

Hardware

Designed for any type of irrigation pump, Observant can provide solutions for both diesel and electric pumps.

- Connect to the Kensho K45 or the Murphy TEC-10 devices to monitor and control your diesel engine.
- Control an electric pump through the use of latching or non-latching relay devices (requires assistance of an electrician)*.
- Control and Monitor the Danfoss AQUA or Schneider Electric Altivar 61 Variable Speed Drives for synchronous and asynchronous motors.
- Add a flow meter or pressure sensor to monitor the efficiency of your pump and track the water use of your irrigation system.

* Electric Pump Control Relay Devices vary depending on the Installer

Observant C3+ & Solar Enclosure

Danfoss AQUA Drive

Murphy TEC-10 Diesel Engine Controller

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