



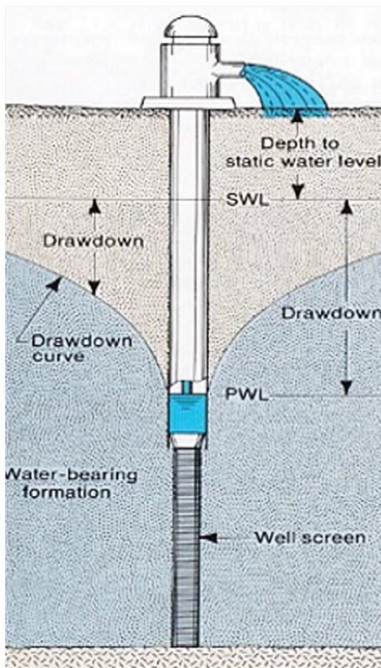
Water
INFORMATICS

Remote Pump Monitoring & Control



What is Water Informatics?

Water Informatics is a cost effective, easy-to-use pump monitoring solution that also provides remote access to turn your pump on and off. It is a tool that helps farmers and irrigation districts better manage well health and pump performance. Water Informatics gathers continuous, real-time data to provide insight on pump energy use, critical pumping water level, flow and pressure, making it the most valuable solution in the industry.



5 Tips for Making More Money



- 1 Add remote pump start and stop for labor savings
- 2 Use 24/7 real-time monitoring to prevent over-pumping and avoid costly pump repairs
- 3 Precisely control the amount of water delivered to optimize production
- 4 Receive alerts when you approach critical water pumping levels
- 5 Confirm that actual pump flows (GPM) match your irrigation system design



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Software Overview

1. Remote on/off

Remote control of the pump for convenience and labor saving

2. Energy monitoring

For confirming reliable supply and closely tracking energy costs

3. Well level monitoring

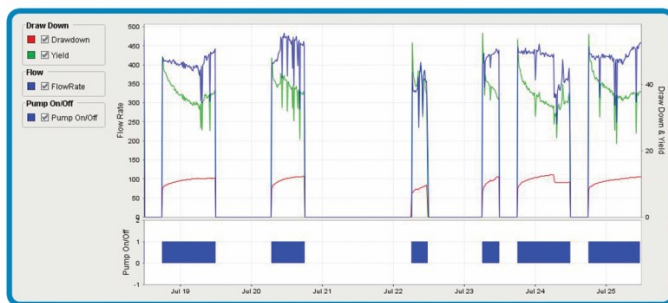
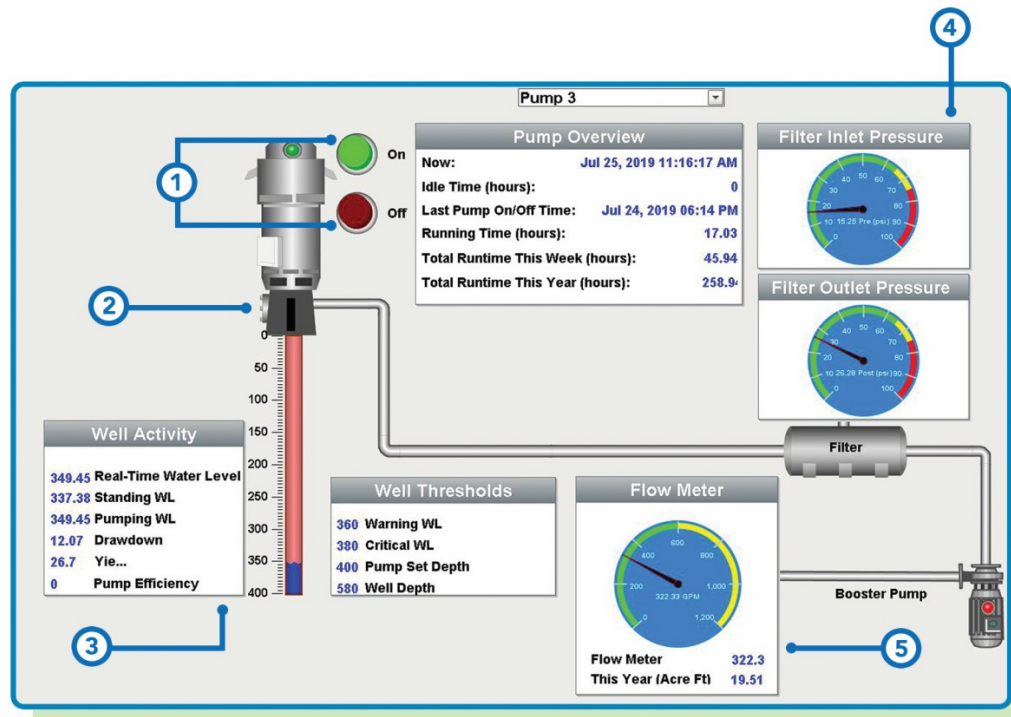
For well health and yield monitoring

4. Filter pressure monitoring

To ensure distribution uniformity

5. Flow rate and total monitoring

As primary input to pump performance and health



Detailed graphs

To visualize pump performance throughout the irrigation cycle

Pump Activity from August 1, 2019 to August 8, 2019

Brockman
Pump 3

Start Time	Duration (minutes)	Acre Ft.	Gallons	Average GPM
7/31/2019 6:43 PM	1,030.9	1.4	443,727.14	430
8/1/2019 6:31 PM	1,042.9	1.3	430,434.79	413
8/3/2019 6:40 AM	586.1	0.7	243,183.15	415
8/5/2019 6:23 AM	331.2	0.3	110,934.54	335
8/6/2019 6:12 AM	345.7	0.5	150,124.12	434
8/6/2019 12:03 PM	0.3	0.0	4.15	16
8/6/2019 6:03 PM	1,076.9	1.5	485,921.36	451
8/7/2019 6:02 PM	1,076.5	1.4	470,229.83	437
Total	5,490.5	7.2	2,334,559.08	

Extraction reports

For compliance reporting and baseline irrigation management



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