

Exercise # 1

Weather Source:

1. Weather Source Type: Global Weather
 - a. Name: Harold Bell Wright Park
 - b. Location Zip Code: 85710
 - c. City: Kingston Knolls Terrace
 - d. Time Zone: (UTC-07:00) Arizona
 - e. Elevation: 2,557 Feet

2. Sites:
 1. Harold Bell Wright Park – Time Zone: (UTC-07:00) Arizona

Exercise # 2

1. Site: HAROLD BELL WRIGHT PARK
2. Program Name: Turf
3. Controller – ESP-LXME – Name: Common
4. IQ Net Type: Server
5. 24 Stations
6. Landscape Type for Stations 1-17: Grass
7. Sprinkler Type for Stations 1-17: Rotors/Impacts
8. Cycle: 5 minutes
9. Soak: 10 Minutes
10. Base Run Time for Stations 1-17: 15 minutes
11. Station Priority:
 - a. 1-8: High
 - b. 9-13: Medium
 - c. 14-17: Low
12. Program Adjust: 110%
13. Local Sensor: Rain Shutoff Device (RSD): Normally Closed – Rain (Alarm)
14. Controller Simulstations: 5
15. Program Simulstations: 2
16. Master Valve: Normally Closed
17. Flow Watch: No
18. FloManager: No
19. Start Time: 10:00 PM
20. Start Days: Monday, Wednesday, Friday
21. Water Window: 10:00 PM to 6:00 AM

Exercise # 3

1. Site: Rain Bird HAROLD BELL WRIGHT PARK
2. Program Name: Turf
3. Controller – ESP-LX IVM Pro– Name: Common
4. IQ Net Type: Server
5. Flow Rate: 15 GPM for All Stations
6. Landscape Type for Stations 1-30: Grass
7. Sprinkler Type for Stations 1-30: Rotors/Impacts
8. Cycle: None
9. Soak: None
10. Base Run Time for Stations 1-30: 10 minutes
11. Station Priority:
 - a. 1-10: High
 - b. 11-19: Medium
 - c. 20-30: Low
12. Program Adjust: 110%
13. Weather Sensor #1: Rain Shutoff Device (RSD): Normally Closed – Rain (Alarm)
14. Controller Simulstations: 16
15. Program #1 Simulstations: 16
16. Master Valve #1: Normally Closed
17. Flow Zone: 1
18. Flow Zone #1 Flow Rate: 120 GPM
19. Flow Watch: On; SEEF 130%, Settle 4 Minutes / SELF 70%, Settle 7 Minutes – Each Diagnose & Eliminate
20. FloManager: On
21. Start Times: 10:00 PM, 12:00 AM, 02:00 AM
22. Start Days: Everyday
23. Water Window: 10:00 PM to 6:00 AM

Exercise # 4

1. Site: HAROLD BELL WRIGHT PARK
 2. Program Name: Drip
 3. Controller – ESP-LXD –Name: Parking Lots
 4. IQ Net Type: Client (Client of ESP-LXME or ESP-LX IVM Pro Controller in Exercise 2 or 3)
 5. 50 Stations
 6. Flow Rate: 5 GPM for All Stations
 7. Landscape Type for Stations 1-50: Trees
 8. Sprinkler Type for Stations 1-50: Bubblers
 9. Cycle: None
 10. Soak: None
 11. Base Run Time for Stations 1-50: 25 minutes
 12. Station Priority:
 - a. 1-18: High
 - b. 19-20: Medium
 - c. 21-30: Low
 13. Program Adjust: Simple ET
 14. Weather Sensor #1: Wireless Rain/Freeze Sensor (WR2): Rain/Freeze (Alarm)
 15. Controller Simulstations: 8
 16. Program #1 Simulstations: 8
 17. Master Valve: Normally Closed
 18. Flow Zone: 1
 19. Flow Zone 1 Flow Rate: 55 GPM
 20. Flow Watch: On; SEEF 130%, Settle 4 Minutes / SELF 70%, Settle 7 Minutes – Each Diagnose & Eliminate
 21. FloManager: On
 22. Start Times: 10:00 PM
 23. Start Days: Even Days
- Water Window: 10:00 PM to 6:00 AM