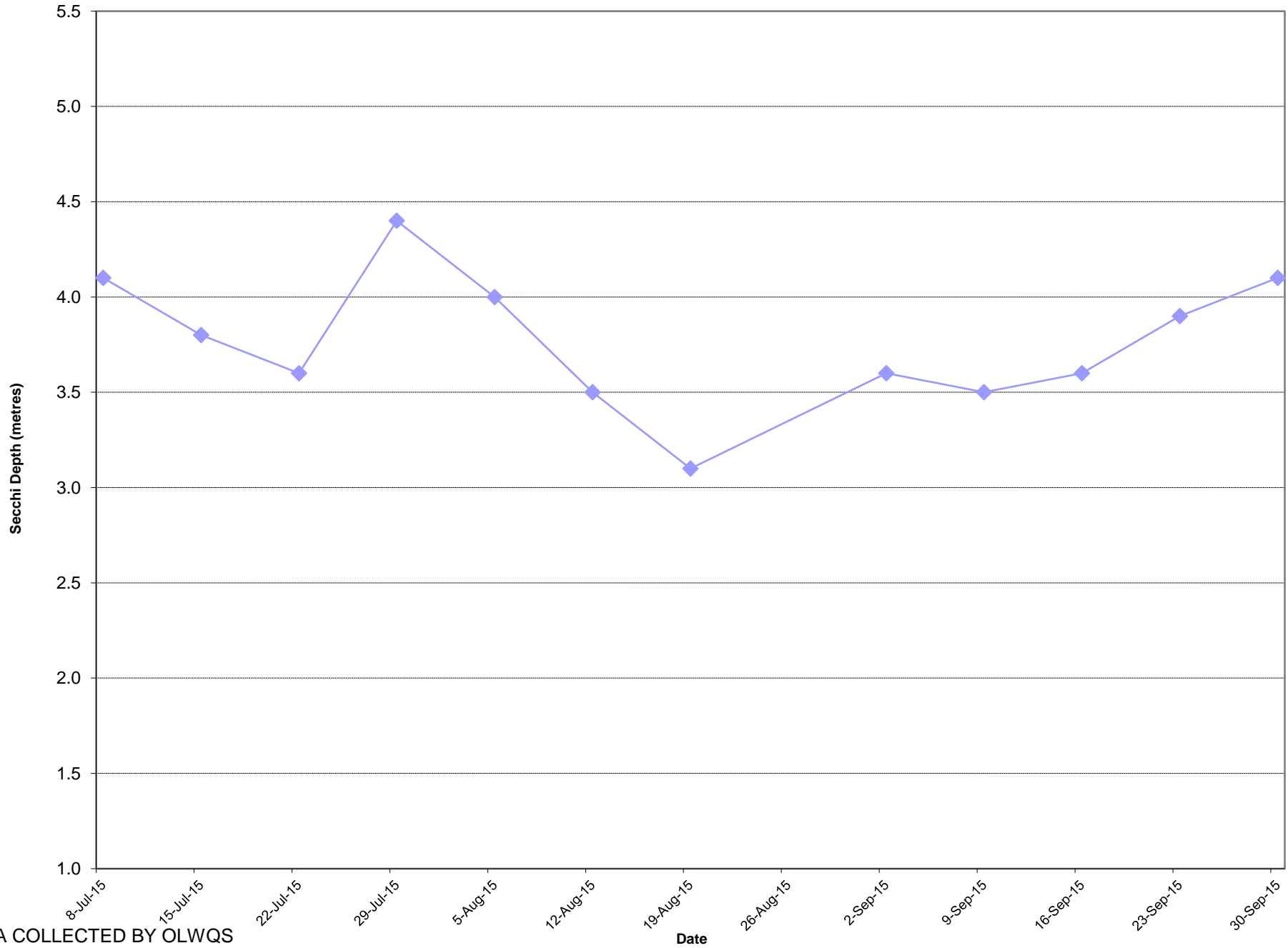


DATA - PACKINGHOUSE - 2015

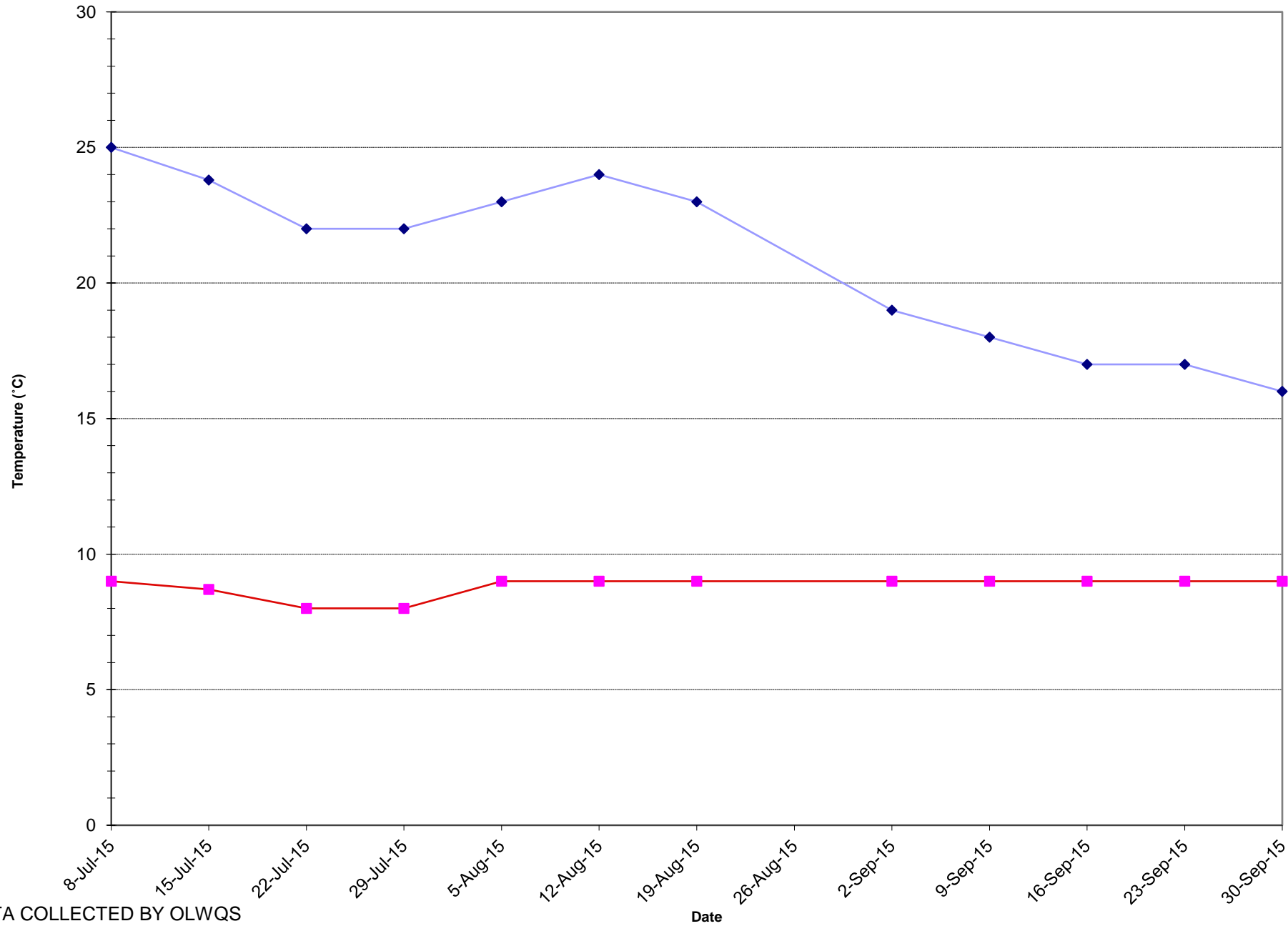
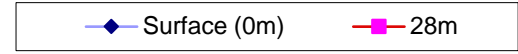
| DATE | TIME | SKY CONDITION | WIND DIRECTION | WIND STRENGTH | WATER CONDITION | AIR TEMPERATURE | DEPTH (metres) | SECCHI DISC | TEMP, TOP (°C) | TEMP, BOTTOM (°C) | D.O. TOP | D.O. BOTTOM | SPEC. COND. - TOP | SPEC. COND. - BTM | pH TOP | pH BOTTOM | THERMOCLINE | | | NOTES | |
|-----------|----------|---------------|----------------|---------------|-----------------|-----------------|----------------|-------------|----------------|-------------------|----------|-------------|-------------------|-------------------|--------|-----------|----------------|-----------|--------------------------------------|-------|--|
| | | | | | | | | | | | | | | | | | DEPTH (metres) | TEMP (°C) | D.O. (ppm) | | |
| 08-Jul-15 | 10:15 AM | Clear | - | Calm | Calm | 30 | 64 | 4.1 | 25 | 9 | 7.6 | 6.5 | 280 | 283 | 8.80 | | | | 18m pH sampler broken | | |
| 15-Jul-15 | 10:15 AM | scattered | NW | Moderate | Small Waves | 30 | 62 | 3.8 | 24 | 9 | 12.5 | 9.7 | 284 | 292 | 8.80 | 7.80 | | | Likely miscalibrated O2 meter | | |
| 22-Jul-15 | 10:15 AM | scattered | N | Light | Light ripple | 26 | 60 | 3.6 | 22 | 8 | 7.4 | 5.7 | 287 | 287 | 8.70 | 7.70 | | | | | |
| 29-Jul-15 | 10:15 AM | Clear | - | Calm | Calm | 24 | 60 | 4.4 | 22 | 8 | 7.3 | 4.9 | 291 | 293 | 8.80 | | | | | | |
| 05-Aug-15 | 10:15 AM | scattered | NW | Moderate | Light ripple | 26 | 64 | 4.0 | 23 | 9 | 12.0 | 7.9 | 293 | 293 | 8.80 | 7.70 | | | Likely miscalibrated O2 meter | | |
| 12-Aug-15 | 10:15 AM | hazy | N | Light | Light ripple | 30 | 64 | 3.5 | 24 | 9 | 12.1 | 7.5 | 293 | 290 | 8.90 | 7.70 | | | Likely miscalibrated O2 meter | | |
| 19-Aug-15 | 10:15 AM | Hazy | - | Calm | Calm | 26 | 64 | 3.1 | 23 | 9 | 11.6 | 6.5 | 293 | 290 | 8.73 | 7.65 | | | Smoky, Likely miscalibrated O2 meter | | |
| 26-Aug-15 | 10:15 AM | | | | | | | | | | | | | | | | | | cancelled - poor air quality | | |
| 02-Sep-15 | 10:15 AM | Clear | N | Light | Light ripple | 22 | 64 | 3.6 | 19 | 9 | 8.6 | 4.1 | 296 | 291 | 8.72 | 7.82 | | | | | |
| 09-Sep-15 | 10:15 AM | scattered | | Calm | Calm | 22 | 64 | 3.5 | 18 | 9 | 8.8 | 3.6 | 296 | 292 | 8.55 | 8.46 | | | | | |
| 16-Sep-15 | 10:15 AM | scattered | | Calm | Calm | 16 | 64 | 3.6 | 17 | 9 | 8.0 | 2.8 | 297 | 292 | 8.60 | 8.43 | | | | | |
| 23-Sep-15 | 10:15 AM | scattered | N | Calm | Calm | 15 | 64 | 3.9 | 17 | 9 | 9.0 | 2.8 | 299 | 292 | 8.54 | 8.40 | | | | | |
| 30-Sep-15 | 10:15 AM | Clear | N | Light | Small Waves | 16 | 64 | 4.1 | 16 | 9 | 8.2 | 2.3 | 299 | 292 | 8.48 | 8.21 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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df455d7a-bf86-4dd0-aa69-be751a2e9b67file.xlsx
Osoyoos Lake (at Packinghouse) - Secchi Depth 2015

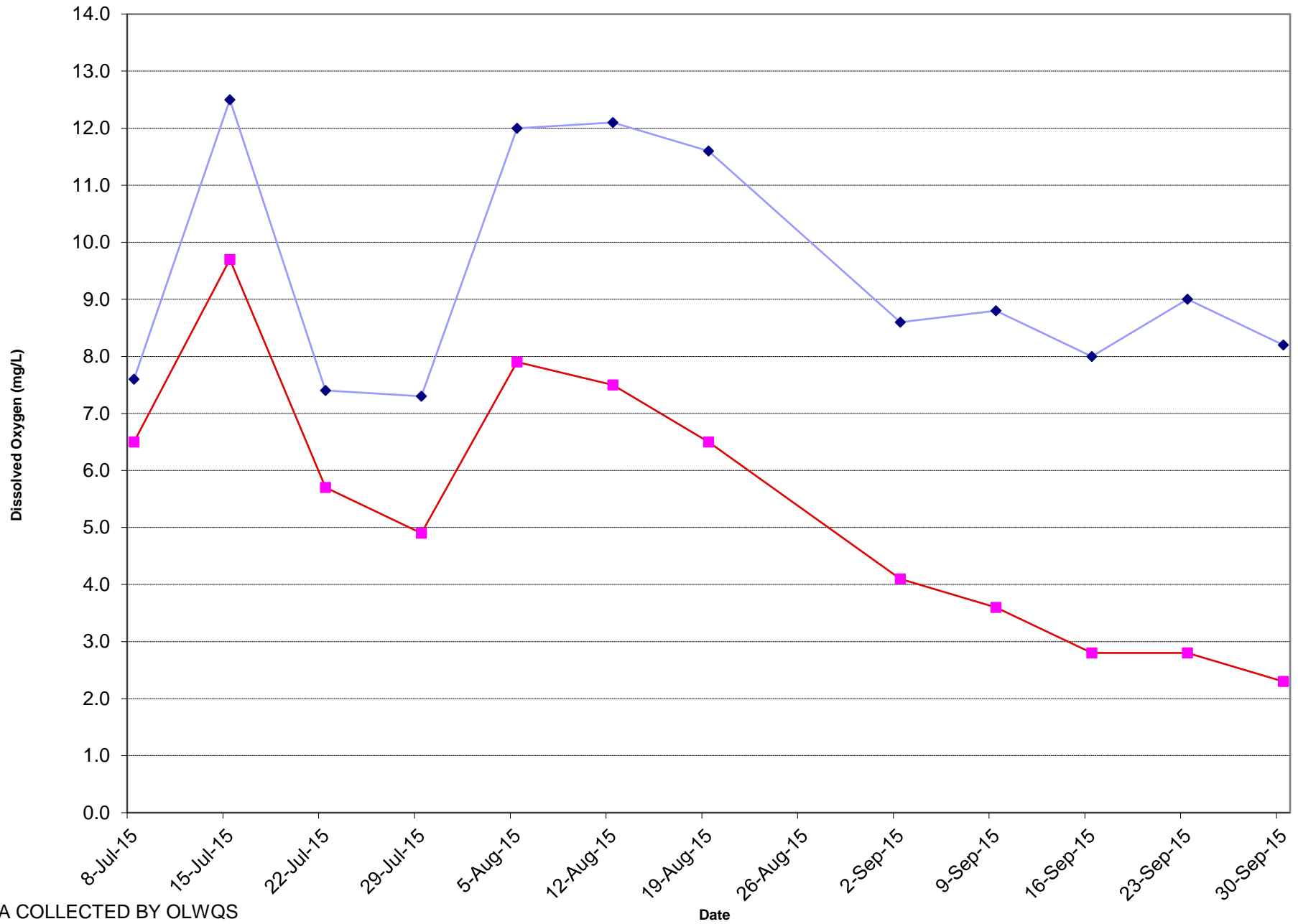
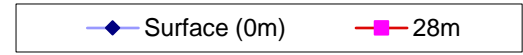


DATA COLLECTED BY OLVQS

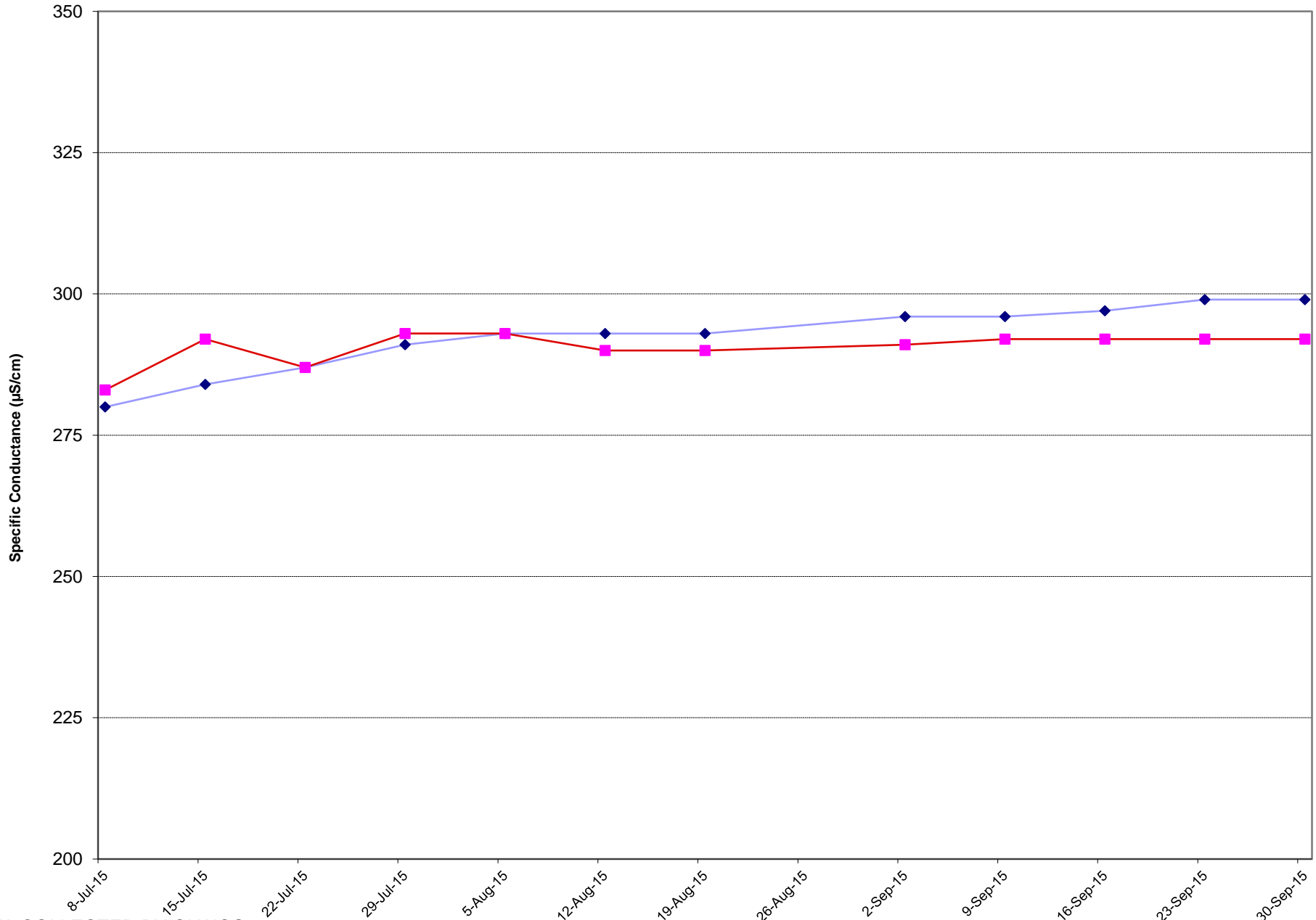
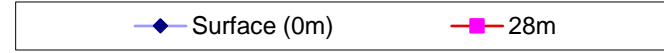
Osoyoos Lake (at Packinghouse) - Water Temperature 2015



Osoyoos Lake (at Packinghouse) - Dissolved Oxygen Levels 2015



Osoyoos Lake (at Packinghouse) - Specific Conductance 2015



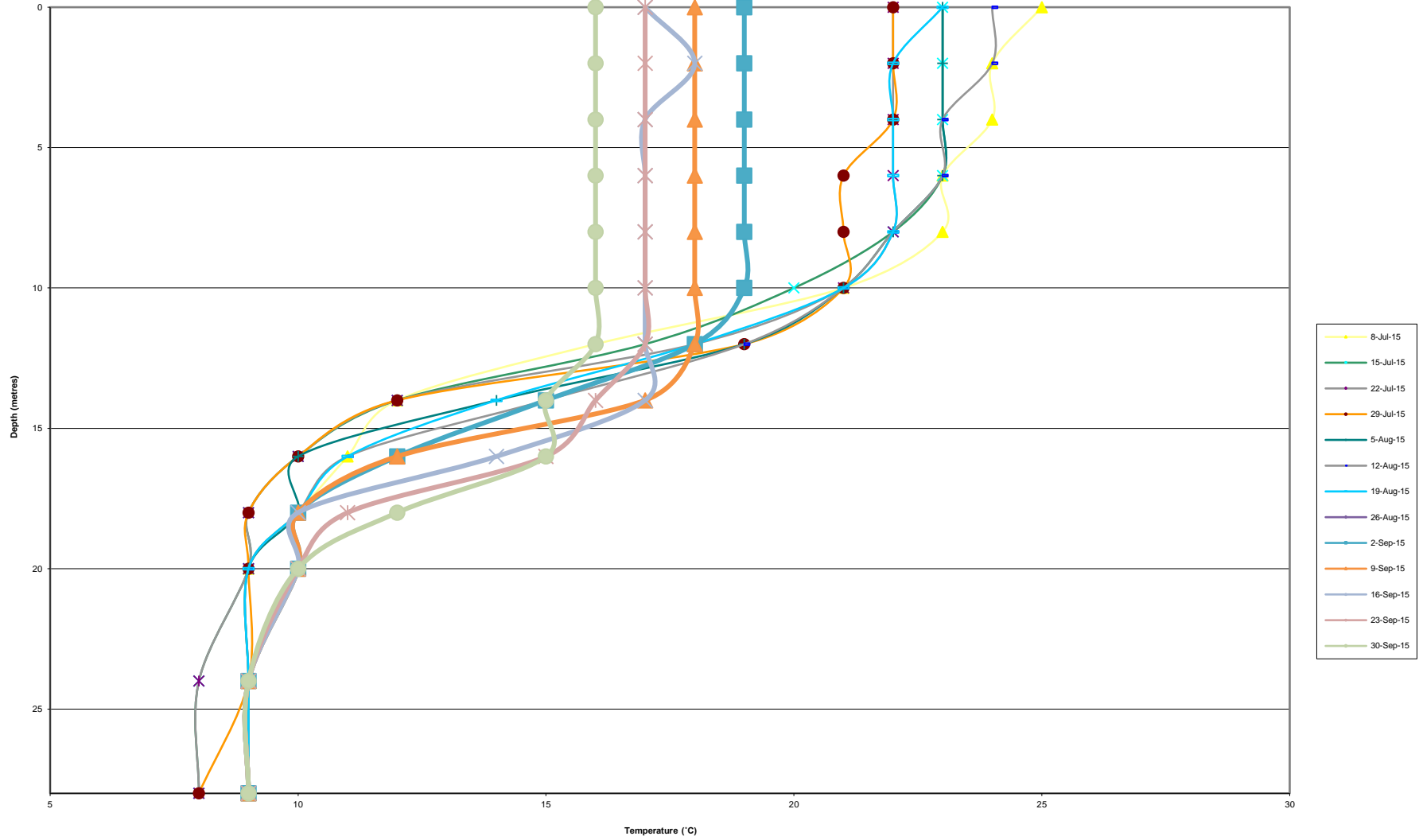
| Depth (m) | Temperature (°C) | | | | | |
|-----------|------------------|-----------|-----------|-----------|----------|-----------|
| | 8-Jul-15 | 15-Jul-15 | 22-Jul-15 | 29-Jul-15 | 5-Aug-15 | 12-Aug-15 |
| 0 | 25 | 23 | 22 | 22 | 23 | 24 |
| 2 | 24 | 23 | 22 | 22 | 23 | 24 |
| 4 | 24 | 23 | 22 | 22 | 23 | 23 |
| 6 | 23 | 23 | 22 | 21 | 23 | 23 |
| 8 | 23 | 22 | 22 | 21 | 22 | 22 |
| 10 | 21 | 20 | 21 | 21 | 21 | 21 |
| 12 | 16 | 17 | 18 | 19 | 19 | 19 |
| 14 | 12 | 12 | 12 | 12 | 14 | 15 |
| 16 | 11 | 10 | 10 | 10 | 10 | 11 |
| 18 | 10 | 9 | 9 | 9 | 10 | 10 |
| 20 | 9 | 9 | 9 | 9 | 9 | 9 |
| 24 | 9 | 8 | 8 | 9 | 9 | 9 |
| 28 | 9 | 8 | 8 | 8 | 9 | 9 |

| Depth (m) | Dissolved Oxygen (mg/L) | | | | | |
|-----------|-------------------------|-----------|-----------|-----------|----------|-----------|
| | 8-Jul-15 | 15-Jul-15 | 22-Jul-15 | 29-Jul-15 | 5-Aug-15 | 12-Aug-15 |
| 0 | 7.6 | 12.5 | 7.4 | 7.3 | 12.0 | 12.1 |
| 2 | 7.7 | 12.4 | 7.5 | 6.9 | 12.1 | 12.5 |
| 4 | 7.7 | 12.4 | 7.4 | 7.1 | 12.1 | 12.1 |
| 6 | 7.5 | 12.3 | 7.4 | 6.9 | 12.1 | 12.3 |
| 8 | 7.3 | 12.2 | 7.3 | 7.1 | 12.0 | 11.9 |
| 10 | 7.0 | 10.7 | 7.0 | 6.8 | 10.7 | 10.8 |
| 12 | 6.0 | 9.7 | 5.7 | 4.8 | 8.8 | 8.5 |
| 14 | 6.3 | 9.4 | 5.4 | 4.8 | 6.9 | 6.6 |
| 16 | 6.5 | 10.3 | 5.7 | 5.3 | 8.2 | 7.4 |
| 18 | 6.6 | 10.4 | 5.8 | 5.3 | 8.4 | 7.6 |
| 20 | 6.6 | 10.1 | 5.8 | 5.1 | 8.3 | 7.7 |
| 24 | 6.5 | 10.0 | 5.8 | 5.0 | 8.2 | 7.6 |
| 28 | 6.5 | 9.7 | 5.7 | 4.9 | 7.9 | 7.5 |

| 19-Aug-15 | 26-Aug-15 | 2-Sep-15 | 9-Sep-15 | 16-Sep-15 | 23-Sep-15 | 30-Sep-15 |
|-----------|-----------|----------|----------|-----------|-----------|-----------|
| 23 | | 19 | 18 | 17 | 17 | 16 |
| 22 | | 19 | 18 | 18 | 17 | 16 |
| 22 | | 19 | 18 | 17 | 17 | 16 |
| 22 | | 19 | 18 | 17 | 17 | 16 |
| 22 | | 19 | 18 | 17 | 17 | 16 |
| 21 | | 19 | 18 | 17 | 17 | 16 |
| 18 | | 18 | 18 | 17 | 17 | 16 |
| 14 | | 15 | 17 | 17 | 16 | 15 |
| 11 | | 12 | 12 | 14 | 15 | 15 |
| 10 | | 10 | 10 | 10 | 11 | 12 |
| 9 | | 10 | 10 | 10 | 10 | 10 |
| 9 | | 9 | 9 | 9 | 9 | 9 |
| 9 | | 9 | 9 | 9 | 9 | 9 |

| 19-Aug-15 | 26-Aug-15 | 2-Sep-15 | 9-Sep-15 | 16-Sep-15 | 23-Sep-15 | 30-Sep-15 |
|-----------|-----------|----------|----------|-----------|-----------|-----------|
| 11.6 | | 8.6 | 8.8 | 8.0 | 9.0 | 8.0 |
| 11.6 | | 8.5 | 8.7 | 8.0 | 8.9 | 8.2 |
| 11.8 | | 8.6 | 8.8 | 7.7 | 8.9 | 8.1 |
| 11.6 | | 8.5 | 8.8 | 7.8 | 8.8 | 8.1 |
| 11.5 | | 8.4 | 8.8 | 7.7 | 8.7 | 8.1 |
| 10.4 | | 8.4 | 8.7 | 7.6 | 8.6 | 8.1 |
| 7.7 | | 7.1 | 8.4 | 7.6 | 8.6 | 7.9 |
| 6.3 | | 4.3 | 6.7 | 7.4 | 8.4 | 7.7 |
| 6.7 | | 4.0 | 3.9 | 3.7 | 6.2 | 7.7 |
| 6.8 | | 4.2 | 3.9 | 3.2 | 3.4 | 3.5 |
| 6.9 | | 4.2 | 3.9 | 3.0 | 3.1 | 2.7 |
| 6.8 | | 4.2 | 3.8 | 3.0 | 2.9 | 2.5 |
| 6.5 | | 4.1 | 3.6 | 2.8 | 2.8 | 2.3 |

Osoyoos Lake (at Packinghouse) - Temperature Profiles 2015



Osoyoos Lake (at Packinghouse) - Oxygen Profiles 2015

