

FISHWAY STATUS REPORT

Date: 6/2/2018
 Inspection Period: 5/27/2018 thru 6/2/2018



US Army Corps
 of Engineers
 Portland District

JOHN DAY DAM

JD/WC Project-Fisheries
 P.O. Box 823
 Rufus, Oregon 97050
 Phone: 541-506-7860

All JD Fishways are inspected twice per day during fish passage season, Mar. 1 - Nov. 30.
 Frequent monitoring of the PLC displays in SMF Fisheries Office as necessary.

| John Day Dam | Inspections | Criteria | Total Number of Inspections: | 14 | Temperature: | 59 F |
|-------------------------------------|-----------------|----------------|--|------|--------------|---------|
| | Out of Criteria | Limit | | | Secchi: | 2.9 Ft. |
| NORTH FISHWAY | | | In service with all 6 AWS pumps total available. | | | |
| Exit differential | 0 | ≤ 0.5' | | | | |
| Exit Control weirs | 0 | High setting | High setting is normal for JDN | | | |
| Count station differential | 0 | ≤ 0.3' | | | | |
| Weir crest depth (DS gauge) | 0 | 1.0' ± 0.1' | | | | |
| Entrance differential | 0 | 1.0' - 2.0' | AVG | 1.6 | | |
| SOUTH FISHWAY | 0 | | In service with two AWS turbines and two FOGs. | | | |
| Exit differential | 0 | ≤ 0.5' | | | | |
| Exit Control weirs | 0 | Mid setting | Mid setting is normal for JDS | | | |
| Count station differential | 0 | ≤ 0.3' | | | | |
| Weir crest depth (US gauge) | 0 | 1.0' ± 0.1' | | | | |
| South entrance differential | 0 | 1.0' - 2.0' | AVG | 1.2 | | |
| Entrance weir SE1 | 0 | depth (≥ 8') | AVG | 8.2 | | |
| Collection channel velocity | 0 | 1.5 - 4 fps | AVG | 2.61 | | |
| N. Entrance PH(Bay 19)differential | 0 | 1.0' - 2.0' | AVG | 1.7 | | |
| Entrance weir NE1 | 0 | depth (≥ 8') | AVG | 11.3 | | |
| Entrance weir NE2 | 0 | depth (≥ 8') | AVG | 11.3 | | |
| JUVENILE PASSAGE | 0 | | In service since 2/28. | | | |
| Forebay/bypass conduit differential | 0 | 4.0' - 5.0' | AVG | 4.5 | | |
| Submersible traveling screens | 0 | visual inspect | Monthly STS camera inspection completed 5/14. All STS screens are in good working order. | | | |
| Turbine trashrack drawdown | 0 | <1.5', wkly | Trashrack raking crane failed on 5/22. Its was fixed and RTS 5/31. | | | |
| Vert barrier screen drawdown | 0 | <1.5', wkly | | | | |
| Spill volume | 0 | per FPP | Special operations to lower TDG/ spill started on 5/26 and continued thru 6/1. | | | |
| Spill pattern | 0 | per FPP | Two TSWs, bays 18 & 19 open since 4/10/18 AM. | | | |
| Turbine Unit Priority | 0 | per FPP | | | | |
| Turbine 1% Efficiency | 0 | per FPP | | | | |

SMOLT MONITORING FACILITY

Operation:

SMF in service with every other day sampling increased to every day on 5/26. It will continue thru 6/4 due to special JD operations to lower TDG.

Maintenance:

SMF SCADA update/mods' investigation by JD Electrical/ Portland District Engineers is underway. Awaiting for \$ 170 K UFR to complete in FY18.

Research: None

Birds :

White pelicans continue increasing on the island downstream of BRZ but the BRZ gulls have declined over the past week. See Avian Numbers tab for details.

All 125 avian lines in place without any deficiencies. USDA boat hazing commenced on 4/16 and will continue 7 days a week thru 7/31.

JD BRZ avian/ gull presence has declined from minor to almost non-existent over the past week :)

Operations:

JD South Fishway in service, with two AWS turbines and two FOGs since 2/28/18. Awaiting special funding to overhaul turbines 1 & 2 (\$ 3 million each.)

JD North Ladder in service since 12/21/17. 6 out of 6 AWS pumps available again since 4/18/18.

MU Gatewell Drawdowns: All MUs trashrack differentials are 1.5' or below according to twice a week inspections.

Maintenance:

JD South AWS turbine 1 is OOS, in poor condition and urgently awaiting its overhaul as soon as \$ 3 million becomes available (hopefully in a year or two ?)

JD Structural and Mechanical crew started working on the failed Trashrack crane on 5/22 and it was successfully fixed/ RTS on 5/31.

Calibration: All gauges/ sensors are within the criteria of 0.3' .

Research:

JDS and JDN Adult PIT systems are in service and detecting PIT tags since 3/1/18.

Coordinating with CRITFC and Tribes for the upcoming adult lamprey collection season starting in late May.

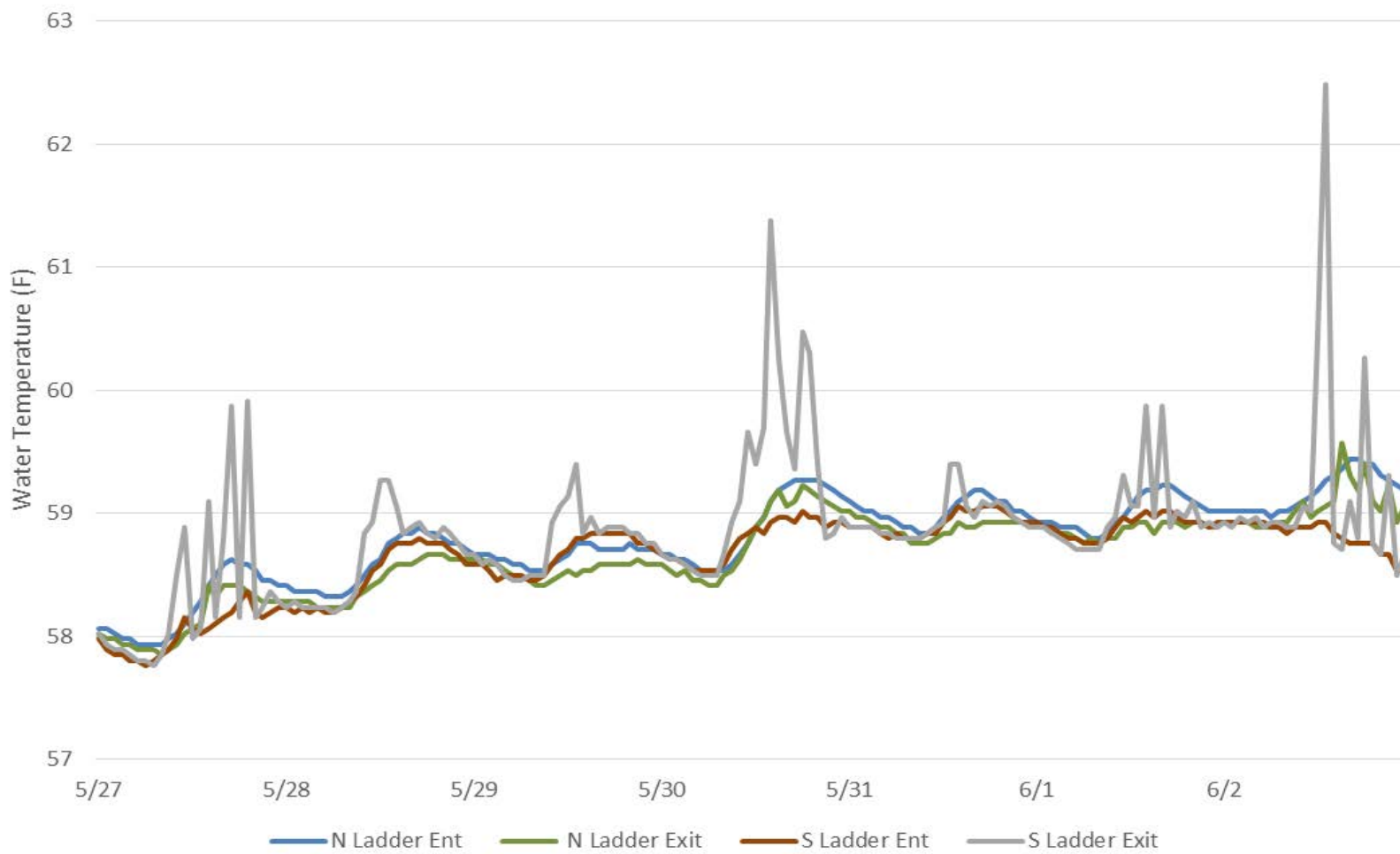
JD Mechanical continues planning for the JD North LPS water supply pumps installation. To be completed by 6/1.

WDFW NPM angling from JD PH Tailrace deck started on 5/1. Catches started increasing the past week with 131 NPM caught thru 5/27.

Coordinating with Uof I crew for their JD Adult Lamprey RT installation/ monitoring at both adult fishways in 2018.

E-Signed by MOYNAHAN,KEVIN.PATRICK,1393959157
VERIFY authenticity with ApproveIt

JDA Fishladder Water Temps (5/27/18 - 6/2/18)



JDA Collection Channel Velocity

| | |
|-------------|-----------------|
| Date | <i>1-Jun-18</i> |
| By: | <i>MDL</i> |

| Bay(s) | Time | Sec. | Velocity (f/s) |
|----------------|-------------|-------------|-----------------------|
| <i>0-2</i> | <i>0:57</i> | <i>57</i> | <i>3.16</i> |
| <i>2 - 4</i> | <i>1:59</i> | <i>119</i> | <i>2.90</i> |
| <i>4 - 6</i> | <i>3:05</i> | <i>185</i> | <i>2.73</i> |
| <i>6 - 8</i> | <i>4:14</i> | <i>254</i> | <i>2.61</i> |
| <i>8 - 10</i> | <i>5:21</i> | <i>321</i> | <i>2.69</i> |
| <i>10 - 12</i> | <i>6:30</i> | <i>390</i> | <i>2.61</i> |
| <i>12 - 14</i> | <i>7:48</i> | <i>468</i> | <i>2.31</i> |
| <i>14 - 16</i> | <i>8:56</i> | <i>536</i> | <i>2.65</i> |
| <i>16 - 18</i> | <i>9:53</i> | <i>593</i> | <i>3.16</i> |
| | | | 2.76 |

Bay 19 TW: 164.3
 turbine 2-3=68rpm

FPP Criteria 1.5–4.0 feet per second (2 fps optimum)

John Day Dam
Avian Zones



John Day Weekly Averages

| | Temp: | Secchi: | Fallbacks | |
|-------------|-----------|---|--|----------------|
| Sun | 58 | 3.5 | 62 | |
| Mon | 58 | 3.0 | 70 | |
| Tue | 59 | 3.0 | 90 | |
| Wed | 59 | 2.5 | 101 | |
| Thur | 59 | 2.5 | 78 | |
| Fri | 59 | 3.0 | 91 | 24-hour sample |
| Sat | 59 | 3.0 | 70 | |
| AVG: | 59 | AVG: 2.9 | AVG/Sample 83 | |
| | | | MAX 101 | |
| | | | MIN 62 | |

| | NE1 | NE2 | S.Ent | SE1 | N.Ent | JBS Diff | Bay19 |
|-------------|-------------|-------------|------------|------------|------------|------------|------------|
| Sun | 11.8 | 11.8 | 1.0 | 8.5 | 1.4 | 4.5 | 1.6 |
| Sun | 11.3 | 11.4 | 1.2 | 8.1 | 1.4 | 4.6 | 1.8 |
| Mon | 11.1 | 11.1 | 1.2 | 8.2 | 1.5 | 4.6 | 1.8 |
| Mon | 11.2 | 11.2 | 1.2 | 8.2 | 1.5 | 4.6 | 2.0 |
| Tues | 10.8 | 10.8 | 1.2 | 8.1 | 1.7 | 4.6 | 2.0 |
| Tues | 10.7 | 10.7 | 1.2 | 8.1 | 1.5 | 4.5 | 1.9 |
| Wed | 11.8 | 11.8 | 1.4 | 8.2 | 1.6 | 4.5 | 1.5 |
| Wed | 11.3 | 11.3 | 1.2 | 8.7 | 1.7 | 4.5 | 1.8 |
| Thur | 11.3 | 11.3 | 1.1 | 8.1 | 1.7 | 4.6 | 1.4 |
| Thur | 10.6 | 10.6 | 1.2 | 8.1 | 1.5 | 4.6 | 1.8 |
| Fri | 10.3 | 10.3 | 1.1 | 8.3 | 1.5 | 4.4 | 1.8 |
| Fri | 11.8 | 11.9 | 1.1 | 8.0 | 1.4 | 4.5 | 1.6 |
| Sat | 11.9 | 12.0 | 1.1 | 8.2 | 1.5 | 4.6 | 1.5 |
| Sat | 11.8 | 11.9 | 1.1 | 8.2 | 1.8 | 4.5 | 1.8 |
| AVG: | 11.3 | 11.3 | 1.2 | 8.2 | 1.6 | 4.5 | 1.7 |

JDA Bird Counts: 5/27/18 to 6/2/18

NF(1): Non-Forage AM Survey NF(2): Non-Forage PM Survey

| Date | Zone | Gulls | | | | Cormorant | | | | Caspian tern | | | | White Pelican | | | | Grebe | | | | Total |
|------------|------|-------|------|-------|-------|-----------|------|-------|-------|--------------|------|-------|-------|---------------|------|-------|-------|-------|------|-------|-------|-------|
| | | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | |
| 27-May | PHFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 18 | 36 | 16 | 79 |
| 27-May | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-May | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-May | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-May | PH3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 27-May | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-May | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27-May | SW3 | 19 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| Avg/Survey | | 25 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 14 | | 26 | | 128 |
| 28-May | PHFB | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 38 | 36 | 92 |
| 28-May | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-May | PH1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 28-May | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-May | PH3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 28-May | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-May | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 28-May | SW3 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Avg/Survey | | 5 | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 8 | | 37 | | 101 |
| 29-May | PHFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 5 | 35 | 38 | 86 |
| 29-May | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-May | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-May | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-May | PH3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 29-May | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-May | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29-May | SW3 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Avg/Survey | | 3 | | 0 | | 0 | | 0 | | 0 | | 0 | | 2 | | 0 | | 7 | | 37 | | 94 |
| 30-May | PHFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 27 | 0 | 0 | 72 |
| 30-May | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | PH3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 30-May | SW3 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Avg/Survey | | 5 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 36 | | 0 | | 82 |

JDA Bird Counts: 5/27/18 to 6/2/18

NF(1): Non-Forage AM Survey NF(2): Non-Forage PM Survey

| Date | Zone | Gulls | | | | Cormorant | | | | Caspian tern | | | | White Pelican | | | | Grebe | | | | Total |
|---------------------|------|--------------|------|-------|-------|------------------|------|-------|-------|---------------------|------|-------|-------|----------------------|------|-------|-------|--------------|------|-------|-------|--------------|
| | | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | F(1) | F(2) | NF(1) | NF(2) | |
| 31-May | PHFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 32 | 0 | 0 | 72 |
| 31-May | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | PH3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31-May | SW3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Avg/Survey | | 1 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 36 | | 0 | | 74 |
| 1-Jun | PHFB | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 27 | 0 | 0 | 63 |
| 1-Jun | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jun | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jun | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jun | PH3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 1-Jun | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jun | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-Jun | SW3 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Avg/Survey | | 3 | | 0 | | 0 | | 1 | | 0 | | 0 | | 2 | | 0 | | 31 | | 0 | | 71 |
| 2-Jun | PHFB | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 37 | 32 | 0 | 0 | 73 |
| 2-Jun | SWFB | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | PH1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | PH2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | PH3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | SW1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | SW2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2-Jun | SW3 | 5 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 14 |
| Avg/Survey | | 8 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 1 | | 35 | | 0 | | 87 |
| Totals | | Gulls | | | | Cormorant | | | | Caspian tern | | | | White Pelican | | | | Grebe | | | | Total |
| | | F | | NF | | F | | NF | | F | | NF | | F | | NF | | F | | NF | | |
| Weekly Total | | 97 | | 1 | | 0 | | 1 | | 0 | | 0 | | 6 | | 2 | | 331 | | 199 | | 637 |
| Avg/Survey | | 7 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | | 24 | | 14 | | 46 |