

## HOURLY DATA from

Wednesday, September 17, 2014

| HOUR                 | Minutes | Visibility<br>in Miles | Sky<br>Code | Temp F° | Wind<br>Speed | Wind<br>Direction | Altitude<br>Flight Code | #<br>Observers | Hour<br>Total |    |    |    |    |    |    |    |    |     |    |    |    |    |    |    |    |    |    |    |     |
|----------------------|---------|------------------------|-------------|---------|---------------|-------------------|-------------------------|----------------|---------------|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|-----|
|                      |         |                        |             |         |               |                   |                         |                | BV            | TV | OS | BE | NH | SS | CH | NG | RS | BW  | RT | RL | GE | AK | ML | PG | UA | UB | UF | UR |     |
| 8:00 AM to 9:00 AM   | 60      | 10                     | 0           | 54      | 0             | -                 | 0                       | 1              | -             | -  | -  | -  | -  | 1  | -  | -  | -  | -   | -  | -  | -  | -  | -  | -  | -  | -  | 1  |    |     |
| 9:00 AM to 10:00 AM  | 60      | 10                     | 0           | 56      | 1             | NW                | 1                       | 3              | -             | -  | -  | -  | -  | 4  | -  | -  | -  | 3   | -  | -  | -  | -  | -  | -  | -  | -  | 7  |    |     |
| 10:00 AM to 11:00 AM | 60      | 10                     | 0           | 60      | 1             | NW                | 1                       | 3              | -             | -  | 1  | 1  | -  | 2  | 3  | -  | -  | 54  | -  | -  | -  | 1  | 1  | -  | -  | -  | 63 |    |     |
| 11:00 AM to 12:00 PM | 60      | 10                     | 0           | 67      | 1             | NW                | 2                       | 8              | -             | -  | 2  | -  | -  | 3  | 1  | -  | -  | 15  | -  | -  | -  | 2  | -  | -  | -  | -  | 23 |    |     |
| 12:00 PM to 1:00 PM  | 60      | 10                     | 2           | 70      | 3             | NW                | -                       | 8              | -             | -  | 4  | 1  | 1  | 7  | 2  | -  | -  | 199 | -  | -  | -  | 2  | -  | -  | -  | 1  | -  | -  | 217 |
| 1:00 PM to 2:00 PM   | 60      | 10                     | 2           | 71      | 2             | NW                | 2                       | 6              | -             | -  | 2  | -  | -  | 4  | 1  | -  | 2  | 11  | -  | -  | -  | 1  | -  | -  | -  | -  | 21 |    |     |
| 2:00 PM to 3:00 PM   | 60      | 10                     | 2           | 70      | 2             | NW                | 2                       | 6              | -             | -  | 4  | -  | -  | 13 | 2  | -  | -  | 72  | -  | -  | -  | 4  | -  | -  | 1  | -  | -  | 96 |     |
| 3:00 PM to 4:00 PM   | 60      | 12                     | 1           | 73      | 2             | NW                | 2                       | 5              | -             | -  | 2  | 2  | -  | 20 | 3  | -  | -  | 57  | -  | -  | -  | 7  | 2  | -  | 1  | -  | 1  | 95 |     |
| 4:00 PM to 5:00 PM   | 60      | 10                     | 2           | 72      | 2             | NW                | 2                       | 3              | -             | -  | 2  | -  | -  | 5  | -  | -  | -  | 2   | -  | -  | -  | -  | 1  | -  | -  | -  | 10 |    |     |
| 5:00 PM to 6:00 PM   | 60      | 10                     | 2           | 70      | 2             | NW                | 2                       | 3              | -             | -  | 1  | -  | 1  | 4  | -  | -  | -  | 3   | -  | -  | -  | -  | 2  | -  | -  | -  | 11 |    |     |
| 6:00 PM to 7:00 PM   | 60      | 10                     | 1           | 64      | 1             | NW                | 1                       | 2              | -             | -  | 1  | 1  | -  | -  | -  | -  | -  | -   | -  | -  | -  | 1  | 3  | -  | -  | -  | 6  |    |     |

Additional Data for Wednesday, September 17, 2014

Prepared on: 9/17/2014 by John Kee

|                                |     |                     |                                                   |                                      |                             |
|--------------------------------|-----|---------------------|---------------------------------------------------|--------------------------------------|-----------------------------|
| <b>Total Raptors for today</b> | 550 | <b>Sky Codes:</b>   | <b>Wind Speed:</b>                                | <b>Altitude Flight Code:</b>         | <b>Raptor Abbreviations</b> |
| Common Nighthawks              | 0   | 0 = 0 - 15% Clouds  | 0 = Calm (no wind)                                | 0 = if below eye level               | BV = Black Vulture          |
| Canada Geese                   | 0   | 1 = 16 - 50% Clouds | 1 = 1-3 MPH (smoke drifts)                        | 1 = if eye level to 100 feet         | TV = Turkey Vulture         |
| Ruby-throated Hummingbirds     | 6   | 2 = 51 - 75% Clouds | 2 = 4-7 MPH (leaves rustle)                       | 2 = hawks at limit of unaided vision | OS = Osprey                 |
| Loons                          | 0   | 3 = 76 -100%Clouds  | 3 = 8-12 MPH (flag extension)                     | 3 = hawks visible only with binocs.  | NH = Northern Harrier       |
| Mylar Balloons                 | 0   | 4 = Fog or Haze     | 4 = 13-18 MPH (raises dust)                       | 4 = hawks at limit of your optics.   | SS = Sharp-shinned Hawk     |
| Brant                          | 0   | 5 = Drizzling       | 5 = 19-24 MPH (Small trees move)                  | 5 = hawks require optics > 10x.      | CH = Cooper's Hawk          |
| Monarch Butterflies            | 10  | 6 = Rain            | 6 = 25-31 MPH (Light people get nervous)          | 6 = if no predominant height         | NG = Northern Goshawk       |
| Snow Geese                     | 0   | 7 = Snow            | 7 = 32-38 MPH (Heavy people show concern)         |                                      | RS = Red-shouldered Hawk    |
| Red Bats                       | 0   |                     | 8 = 39-46 MPH (Lge. trees sway, small ones fall)  |                                      | BW = Broad-winged Hawk      |
|                                |     |                     | 9 = 47+ MPH (Get out of there, run for your life) |                                      | RT = Red-tailed Hawk        |
|                                |     | <b>Observers</b>    |                                                   |                                      | RL = Rough-legged Hawk      |
|                                |     | Roger Dreyling      |                                                   |                                      | GE = Golden Eagle           |
|                                |     | Mike Sugg           |                                                   |                                      | AK = American Kestrel       |
|                                |     | Brian Turner        |                                                   |                                      | ML = Merlin                 |
|                                |     | Gavin Aquila        |                                                   |                                      | PG = Peregrine Falcon       |
|                                |     |                     |                                                   |                                      | UA = Unidentified Accipitor |
|                                |     |                     |                                                   |                                      | UB = Unidentified Buteo     |
|                                |     |                     |                                                   |                                      | UF = Unidentified Falcon    |
|                                |     |                     |                                                   |                                      | UR = Unidentified Raptor    |