

HOURLY DATA from

Saturday, September 21, 2013

| HOURL                | Minutes | Visibility<br>in Miles | Sky<br>Code | Temp F° | Wind<br>Speed | Wind<br>Direction | Altitude<br>Flight Code | #<br>Observers | BV | TV | OS | BE | NH | SS | CH | NG | RS | BW | RT | RL | GE | AK | ML | PG | UA | UB | UF | UR | Hour<br>Total |
|----------------------|---------|------------------------|-------------|---------|---------------|-------------------|-------------------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------|
| 8:00 AM to 9:00 AM   | 60      | 8                      | 4           | 53      | 0             | -                 | -                       | 1              | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 0             |
| 9:00 AM to 10:00 AM  | 60      | 8                      | 4           | 55      | 0             | -                 | 3                       | 2              | -  | -  | -  | -  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | 2  | -  | -  | -  | -  | -  | -  | 3             |
| 10:00 AM to 11:00 AM | 60      | 8                      | 4           | 55      | 0             | -                 | 3                       | 2              | -  | -  | 3  | 1  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 5             |
| 11:00 AM to 12:00 PM | 60      | 8                      | 3           | 60      | 1             | SSE               | 3                       | 2              | -  | -  | 1  | 1  | -  | -  | 1  | -  | -  | -  | -  | -  | -  | 2  | -  | 1  | -  | -  | -  | -  | 6             |
| 12:00 PM to 1:00 PM  | 60      | 8                      | 3           | 71      | 1             | SSE               | 3                       | 2              | -  | -  | -  | -  | -  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 1             |
| 1:00 PM to 2:00 PM   | 60      | 8                      | 3           | 72      | 3             | SSE               | -                       | 3              | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 0             |
| 2:00 PM to 3:00 PM   | 60      | 8                      | 3           | 72      | 3             | SSE               | 3                       | 3              | -  | -  | 3  | -  | -  | 2  | 1  | -  | -  | 3  | -  | -  | -  | 1  | -  | 1  | -  | -  | -  | -  | 11            |
| 3:00 PM to 4:00 PM   | 60      | 8                      | 3           | 76      | 4             | SW                | 3                       | 3              | -  | -  | 2  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 2  | -  | -  | -  | -  | -  | -  | 4             |
| 4:00 PM to 5:00 PM   | 60      | 8                      | 3           | 7       | 3             | SE                | 2                       | 3              | -  | -  | 3  | -  | -  | 1  | -  | -  | -  | -  | -  | -  | -  | 1  | 2  | -  | -  | -  | -  | -  | 7             |
| 5:00 PM to 6:00 PM   | 60      | 8                      | 2           | 70      | 3             | SE                | 2                       | 4              | -  | -  | 6  | 1  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | 7             |

Additional Data for

Saturday, September 21, 2013

Prepared on: 9/21/2013 by John Kee

|                            |    |                     |   |                                      |                             |
|----------------------------|----|---------------------|---|--------------------------------------|-----------------------------|
| Total Raptors for today    | 44 | Sky Codes:          | Wind Speed:                                       | Altitude Flight Code:                | Raptor Abbreviations        |
| Night Hawks                | 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 | 3  | 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             | 3  | 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        | 0  | 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        |
|                            |    | Observers           |   |                                      | RL = Rough-legged Hawk      |
|                            |    | Diane Boyd          |   |                                      | GE = Golden Eagle           |
|                            |    | Floyd Wadsworth     |   |                                      | AK = American Kestrel       |
|                            |    | Dick Turse          |   |                                      | ML = Merlin                 |
|                            |    | Steve Kuitems       |   |                                      | PG = Peregrine Falcon       |
|                            |    |                     |   |                                      | UA = Unidentified Accipitor |
|                            |    |                     |   |                                      | UB = Unidentified Buteo     |
|                            |    |                     |   |                                      | UF = Unidentified Falcon    |
|                            |    |                     |   |                                      | UR = Unidentified Raptor    |